

A Bibliography of Aeolian (Eolian) Sand Dunes and Related Phenomena, to the end of 1989

Collated by [Andrew Warren](#)

from many sources, including: Warren, 1979a; 1979b; Busche, *et al.* 1984; Lancaster and Hallward, 1984; Niessen, *et al.* 1984; Mader, 1995 (all themselves in this bibliography).

Codes (Scope):

Codn = coastal dunes;
dnbed = dune bedding and structure (usually in ancient sandstones);
dnhyd = dune hydrology;
dnsol = dune soils and near-surface weathering;
dnuse = use and management of dunes;
dnveg = dune vegetation (and some other dune ecology);
dune = aeolian dunes (occasional subaqueous dunes where these are valuable analogues);
dunelog = analogues of aeolian dunes (mostly subaqueous bedforms);
glue = sand fixing by chemicals
ripple = aeolian ripples;
sand = aeolian sand;
sdmo = sand movement by wind (and some analogous subaqueous movement);
stbdn = dunes stabilised by vegetation;
** = details missing;
?? = dubious detail;
? = dubious relevance.

The main subject-criterion for inclusion is relevance to dune form or dynamics. Thus some work on other aspects of aeolian geomorphology, as on dust and wind erosion, and other aspects of dune study as on meteorology or ecology has been excluded.

Types of Publication Referred to: The references are mostly to published accounts in widely available and recognised journals, but some are to internal reports and university dissertations with limited circulation. Generalised, secondary and tertiary sources have been excluded, except when thought to be of seminal value. Some popular accounts have been included, but most of these too have been excluded.

Limiting Dates: The earliest reference is from 1669. The closing date (1989) has been chosen because of the availability on various on-line data-bases of references to published papers from at least that date (in the Britain, BIDS and Geobase are examples).

Library References are to libraries in London: where unspecified these are either in the [University College London](#) (UCL) library in various sections, e.g. geog(raphy), geology, inst(itute of) arch(aeology), town planning (tpl), biol(ogy), bot(any), zoo(logy), engi(neering); or the [University of London Library](#) (ull, not always indicated, but distinctly different coding system from UCL's). There are some references to material available in the libraries at the [School of Oriental and African Studies](#) (SOAS), the [Royal Geographical Society](#) (RGS), the [British Museum](#) (British, BM) and Aldwych libraries.

Abstracts referred to are in Niessen, *et al.* 1984; Busche, *et al.* 1985; (both in the bibliography) and in Geoabstracts

Disclaimer, Corrections, Additions etc.:

This does not claim to be a comprehensive list, large though it is. I have read many of the principal papers on dune morphology, and have checked the details of them and many others. There are nonetheless, missing details, a few dubiously relevant entries, and, doubtless, omissions and mistakes (especially in languages, in specialisms and in areas of the world with which I am not familiar). I welcome additions and corrections on: a.warren@geog.ucl.ac.uk. Additions and corrections are most likely to come from authors

themselves, if they see that their favourite work has been excluded. I hope to update the bibliography with additions and corrections from time to time.

Aartolahti, T. 1967. Über die dünen von Urjala, *Comptes rendus de la Société géologique de Finlande*, **39**, 105-121. [dune abstract in Niessen, *et al.* 1984]

Aartolahti, T. 1972. Frost cracks and frost crack polygons on dunes in Finland (in Finnish), *Terra*, **84** (3), 124-131.

Aartolahti, T. 1973. Morphology, vegetation and development of Rokuanvaara, an esker and dune complex in Finland, *Fennia*, **127**, 1-53. [stbnd dnveg abstract in Niessen, *et al.* 1984]

Aartolahti, T. 1976. Lentohiekka Suomessa, *Suomalainen Tiedeakatemia, Esitelmät ja pöytäkirjat*, 83-95. [stbnd sand]

Abbott, P.L. 1980. Provenance of Salton Dunes, southwest of Salton Sea, California, in *Geology and mineral wealth of the California desert*, Eds. Fife, D., *et al.*, South Coast Geological Association, Santa Ana, 409-413. [sand]

Abdel-Malek, Y., *et al.* 1971. Some factors governing the soil nitrifying capacity under the conditions of Kharga Oasis, *Journal of the Desert Research Institute*, Arab Republic of Egypt, **21** (1), 49-59. [dnsol]

Abdel-Malek, Y., Monib, Y.M., El-Hadidy, T. and Ragab, M. 1971. Chemical and microbiological studies of the soils of wadi El-Arish area, *Journal of the Desert Research Institute*, Arab Republic of Egypt, **21** (1), 61-72. [dnsol]

Abd el-Rahman, A.A. 1967. Water relations of windbreak trees under desert conditions, *Phyton, Annales Rei Botanica*, **12**, 35-41. [abstract in Busche *et al.* 1984 dnsol dnuse dnveg]

Abdel Salam, M.A., El Bagouri, I.H. and Sabet, S.A. 1970. Amelioration of sandy soils through carpet-like application of amendments, *Journal of Desert Institute*, **20** (1), Arab Republic of Egypt, 121-1349. [dnsol dnuse]

Abdu, Anwar Sheikh ed Din 1977. *A study of barchans in northern Sudan*, unpublished M.Sc. dissertation, University of London, 74 pp. [dune]

Abedine, A.Z., El-Radwan, M. and Maklad, F.M.A. 1967. Preliminary study on the effect of artificially created layers of sandy soils on yield of alfalfa, *Journal of Soil Science of the United Arab Republic*, **7**, 45-49. [dnsol dnuse abstract in Busche *et al.* 1984]

Aberbach, S.H. and Sellinger, A. 1967. Review of artificial recharge in the coastal plain of Israel, *Bulletin of the International Association of Scientific Hydrology*, **12**, 65-77. [codn]

Abohassan, A.A. and Rudolph, V.J. 1978. Afforestation for sand dune stabilisation in Al Hasa Oasis, Saudi Arabia, *Proceedings of the, 1st International Rangeland Congress*, Ed. Hyder, D.N., Society of Range Management, Denver Colorado, 257-259. [dnuse aldwyh (B) DM 23]

Abolkhair, Y.M.S. 1981. *Sand encroachment by wind in Al-Hasa Oasis of Saudi Arabia*, Ph.D. dissertation, Indiana University, Bloomington, IN, 196 pp. [dune abstract in Busche, *et al.* 1984]

Abrahamsson, K.V. 1972. Landforms of southern Saskatchewan, in *Southern Prairies field excursion background papers*, Eds. Paul, A.H., Dale, E.H. and Schlichtmann, H., Department of Geography, University of Saskatchewan, Regina, 151-195. [dune stbnd]

Abramova, M.M. 1969. Movements of moisture as a liquid and a vapour in soils of semi-deserts, *Water in the unsaturated zone, Proceedings of the Wageningen Symposium*, **2**, United Nations Educational Scientific and Cultural Organisation (UNESCO) / International Association of Scientific Hydrology (IASH-AIHS), 781-789. [dnsol dnhyd abstract in Busche *et al.*, 1984]

- Abu Bakr, M. 1963. Physiography of the Changai-Kharan region, West Pakistan, *Pakistan Geographical Review*, **18** (1), 1-12. [dune]
- Academia Sinica, Sand Control Group 1958a. *A report on co-ordinated research on the desert regions*, **1-2**, United States Joint Publications Research Service, Washington, DC, JPRS Doc., **18658, 18178**, 108 pp. [dnuse copy of summary abstract in Busche *et al.*, 1984]
- Academia Sinica, Sand Control Group 1962a. *Sand control research*, **3**, United States Joint Publications Research Service, Washington, DC, JPRS Doc., **19993**, 203 pp. [dnuse copy of summary abstract in Busche *et al.*, 1984]
- Academia Sinica, Sand Control Group 1962b. *Sand control research*, **4**, United States Joint Publications Research Service, Washington, DC, JPRS Doc., **20938**, 278 pp. [dnuse copy of summary abstract in Busche *et al.*, 1984]
- Academia Sinica 1978. Desert transformation in China - summing-up of masses' experiences in sand control, *Scientia Sinica*, **21** (2), 251-278. [ades dnuse abstract in Busche *et al.*, 1984]
- Academia Sinica, Lanzhou Institute of Desert Research 1977. The Great Green Wall of China, *Unesco Courier*, **30**, July, 32-33. [ades dtechb dnuse wneroc ull abstract in Busche *et al.*, 1984]
- Academia Sinica, Lanzhou Institute of Glaciology, Cryopedology and Desert Research 1977. *Combating desertification in China*, United Nations Conference on Desertification, August, Nairobi, A/CONF.74/18, 50 pp. [abstract in Busche *et al.*, 1984 dnuse]
- Academia Sinica, Lanzhou Institute of Desert Research 1978. *China's deserts and the prevention of desertification*, (in Chinese), LIDR, Lanzhou, 60 pp. [ades dplan wneroc or 1979 ??]
- Academia Sinica, Lanzhou Institute of Desert Research 1979a. The preventive measures of shifting sand at the southeastern edge of the Tengger Desert (in Chinese, English summary), in *China's deserts and the prevention of desertification*, (in Chinese, English summary), LIDR, Lanzhou 45-54. [ades dplan wneroc abstract in Busche *et al.*, 1984]
- Academia Sinica, Lanzhou Institute of Desert Research 1979b. The controlling of desertification in the oasis in Dunhuang, in *China's deserts and the prevention of desertification*, (in Chinese, English summary), LIDR, Lanzhou 55-58. [ades dplan wneroc abstract in Busche *et al.*, 1984]
- Academia Sinica, Lanzhou Institute of Glaciology, Cryopedology and Desert Research 1982a. The transformation of deserts in China: a summary view of the people's experiences in controlling sand, in *Combating desertification in China*, Ed. Walls, J., United Nations Environment Programme, Nairobi, 4-29. [dnuse]
- Achtnich, W. and Homeyer, B. 1980. Protective measures against desertification in oasis farming, as demonstrated by the example of the oasis Al Hasa, Saudi Arabia, in *Desertification in Extremely Arid Environments*, Ed. Meckelein, W., *Stuttgarter geographische Studien*, **95**, 93-105. [dnuse XF 22 Meck]
- Adam, J.G. 1975. Les dunes maritimes de l'Afrique occidentale. La fixation des dunes de Dakar, in *Colloques phytosociologiques*, **1**, *La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 245-251. [dnuse codn]
- Adam, K.D. 1950. Über Windtransport von Kies in Wüstengebieten. I. Beobachtungen in Nordost-Afrika, *Neues Jahrbuch der Geologie und Paläontologie, Abhandlungen* ??, **, 289-294. [ripples sdmo]
- Adam, L. 1959. *The physical geography of the Mezofold*, (in Hungarian), Foldrajzi Monografiak, **2**, Akadémiai Kiadó, Budapest, 514 pp. [dune]
- Adhikari, M. and Chakrabarti, G. 1976. Contribution of natural and microbial humic acids to water repellency in soil, *Indian Journal of Soil Science*, **24**, 217-219. [dnsol]

- Adil'bekov, R.O. 1975. On the complex mechanisation of protective afforestation in Central Asian sands, *Problems of Desert Development*, (5), 70-74. [dnuse
- Adilkhodzhayev, A.I. and Fazilov, T.I. 1979. Investigation of barchan sands to be fixed by astringents, *Problemy Osvoeniya Pustyn*, (1), 80-84. [dnuse glue
- Adriani, M.J., Gonggrijp, G.P., Nijkamp, J.A. and van Regteren Altena, F. 1980. *Explore the dunes* (in Dutch), Instituut Natuurbeschermingseducatie, Amsterdam, ** [dnuse codn
- Adriani, M.J. and Terwindt, J.H.J. 1974. *Sand stabilization and dune building*, *Rijkswaterstaat Communications*, **19**, 68 pp. [dnuse codn abstract in Busche, *et al.* 1984
- Adylkhodzhaev, A.I. and Fazilov, T.I. 1979. Investigation of barchan sands to be fixed by astringents (in Russian), *Akademii Nauk Turkmenskoi SSR*, (1), 80-84. [dune dnuse
- Adylkhodzhaev, A.I., Moshvina, E.I. and Fazilov, T.I. 1980. A promising preparation against erosion of sandy soils (in Russian), *Lesone Khozyaistvo*, **8**, 33-34. [dnuse glue
- Aflyatonov, F.S., Gabay, V.S. and Podgornov, A.S. 1970. *Experimental use of nerosine for fixation and cultivation on sands along the track of the Bukhara-Ural gas pipeline*, Vnialmi, Volgograd, ** [glue
- African Forestry Commission 1971. *Windbreaks for controlling further advancement of the Sahara*, Food and Agriculture Organisation of the United Nations (FAO), Forestry Department, Rome, 8 pp. [abstract in Busche *et al.* 1984 dnuse dnveg
- Agassiz, A. 1895. A visit to the Bermudas in March 1894, *Harvard College Museum Comparative Zoology Bulletin*, **26**, 205-281. [codn
- Agrell, H. 1980. Inlandsdyner Pad Kristianstadslaetten, Oestra Skaane, *Svenska Geografisk Aarsbok*, **56**, 23. [dune stbdn
- Agrell, H. 1981. Subrecent inland dunes on the Kristianstad plain, *Striae*, **14**, 48-51. [stbdn abstract in Busche *et al.*, 1984 annexe
- Agricultural Research Centre, Tripoli 1977. Desertification Control experience in Libya, *United Nations Conference on Desertification*, Nairobi, 27 pp. microfiche at Food and Agriculture Organisation of the United Nations (FAO), Rome, 27 pp. [abstract in Busche *et al.* 1984 dnuse
- Ahlbrandt, T.S. 1973. *Sand dunes, geomorphology and geology, Killpecker Creek area, northern Sweetwater County, Wyoming*, Ph.D. Dissertation, Wyoming University, 174 pp. [abstract in Niessen, *et al.* 1984
- Ahlbrandt, T.S. 1974a. The source of sand for the Killpecker sand dune field, southwestern Wyoming, *Sedimentary Geology*, **11** (1), 39-57. [abstract in Niessen, *et al.* 1984 and Busche *et al.* 1984
- Ahlbrandt, T.S. 1974b. Dune stratigraphy, archaeology, and the chronology of the Killpecker dune field, in *Applied geology and archaeology - the Holocene history of Wyoming. Report of Investigations*, **10**, Ed. Wilson, M., United States Geological Survey, 51-60. [abstract in Niessen, *et al.* 1984
- Ahlbrandt, T.S. 1975. Comparison of textures and structures to distinguish aeolian environments, Killpecker dune field, Wyoming, *Mountain Geologist*, **12**, 61-63. [dnbed abstract in Niessen, *et al.* 1984
- Ahlbrandt, T.S. 1979. Textural parameters of eolian deposits, in *A study of global sand seas*, Ed. McKee, E.D., *United States Geological Survey, Professional Paper*, **1052**, 21-51. [dune sand abstract in Busche *et al.* 1984
- Ahlbrandt, T.S. 1982. Chronology and sedimentology of some North American cold climate dune fields (abstract), *Proceedings of the, 11th International Congress of the International Association of Sedimentologists*, Hamilton Ontario, 67. [stbdn

Ahlbrandt, T.S. and Andrews, S. 1977. *Preliminary geologic studies of cold climate dunes in North Park, Jackson County, Colorado, United States Geological Survey, Open File Report, 77-145*, 16 pp. [stbdn Sarah

Ahlbrandt, T.S. and Andrews, S. 1978. Distinctive sedimentary features of cold-climate eolian deposits, North Park, Colorado, *Palaeogeography, Palaeoclimatology, Palaeoecology*, **25**, 327-351. [abstract in Niessen, *et al.* 1984 and Busche *et al.* 1984 stbdn

Ahlbrandt, T.S., Andrews, S. and Gwynne, D.T. 1978. Bioturbation in eolian deposits, *Journal of Sedimentary Petrology*, **48** (3), 839-848. [dune dnbed abstract in Niessen, *et al.*

Ahlbrandt, T.S. and Fryberger, S.G. 1976. Structures and textures of eolian deposits in the Nebraska Sand Hills, U.S.A., (abstract), *Proceedings of the, 25th International Geological Congress*, Sydney, **3**, 826. [dnbed abstract in Niessen, *et al.* 1984

Ahlbrandt, T.S. and Fryberger, S.G. 1980. *Eolian deposits in the Nebraska Sand Hills, United States Geological Survey, Professional Paper, 1120-A-C*, 32 pp. [dune stbdn abstract in Niessen, *et al.* 1984 and Busche *et al.* 1984

Ahlbrandt, T.S. and Fryberger, S.G. 1981. Sedimentary features and significance of interdune deposits, in *Recent and ancient nonmarine depositional environments: models for exploration*, Eds. Ethridge, F.G. and Flores, R.M., *Special Publication*, **31**, Society of Economic Palaeontologists and Mineralogists, 293-314. [dnbed abstract in Niessen, *et al.* 1984 and Busche *et al.* 1984

Ahlbrandt, T.S. and Fryberger, S.G. 1982. Introduction to eolian deposits, in *Sandstone depositional environments*, Eds. Scholle, P.A. and Spearing, D., *Memoir*, **31**, American Association of Petroleum Geologists, 11-47. [Geol Qtos E 37 SCH

Ahlbrandt, T.S. and Harris, R.E. 1975. Clastic dikes in the Fountain and Casper Formations (Permo-Pennsylvanian), southeastern Wyoming, *Wyoming University Contributions in Geology*, Laramie, WO, **14**, 51-54. [dnbed

Ahlbrandt, T.S., Swinehart, J.B. and Maroney, D.G. 1983. The dynamic Holocene dune fields of the Great Plains and Rocky Mountain Basins, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 379-406. [stbdn

Ahlmann, H.W. 1914. Beitrag zur kenntnis der Transportmechanik des Geschiebes und der Laufentwicklung des reifen Flusses, *Svenska geologiska Undersökning, Arsbok*, **8** (3), ... [ripple

Ahmad, M.H. and Neckelmann, J. 1978. N₂-fixation by roots and rhizosphere of sand dune plants, *Zeitschrift für Pflanzenernährung und Bodenkunde*, **141**, 117-121. [codn dnsol abstract in Busche *et al.* 1984

Ahmad, R. 1986. Stabilization and afforestation of sand dunes through biosaline culture technique, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhoff, The Hague, 109-117. [dnuse stbdn XF 22 Phy

Ahuja, R.L., Khanna, S.S. and Garalupuri, V.N. 1980. Evolution and distribution of aeolian cover in Harayana, *Annals of Arid Zone*, **19** (3), 175-182. [dune stbdn sand

Aibulatov, N.A. 1961. The role of eolian processes in the dynamics of a shallow accumulation coast (in Russian), *Trudy Instituta Okeanologii, Akademii Nauk, SSSR*, **28**, ** [translated, in *Dynamics and morphology of sea coasts*, United States Science Foundation, Special Foreign Currency Science Information Program, **TT 68-50355**, 365-371. [codn

Aimé, S. and Penven, M.J. 1982. Le complexe dunaire du Cap Falcon (Oran): étude morphodynamique appliqué et perspectives d'aménagement, *Méditerranée*, **45** (2), 3-16. [codn dnuse abstract in Busche *et al.*, 1984 annexe

- Aizenshtat, B.A. 1960. The heat balance and microclimate of certain landscapes in a sandy desert, (translation), **NTIS S AD-660**, United States Department of Commerce ESSA, Washington, DC, 92 pp. [Translated from *Gidrometeoisdta*, 1958, abstract in Busche *et al.*, 1984 dnsol]
- Akhmedov, K.S. *et al.* 1970. *Fixing shifting sands with polymer water solutions*, Gosplan Institute of Scientific and Technical Information, Tashkent, 8 pp. [glue]
- Alekhin, N.I., Kravchuk, G.N., Yakovlev, L. and Zhdanov, Y.M. 1980. The MLB-1 tree planter for planting large plants on crescent-shaped shifting sand dunes (in Russian), *Lesnoe Khozyaitvo*, **4**, 61-62. [dnuse abstract in Busche, *et al.* 1984]
- Alestalo, J. 1979. Land uplift and development of the littoral and eolian morphology on Hailuoto, Finland, *Acta Universitatis Ouluensis, Series A* **82, Geologica**, (3), 109-120. [codn abstract in Niessen, *et al.* 1984]
- Alestalo, J. 1987. The dendrochronology of accumulation processes, in *Dendrochronology around the Baltic*, *Annales Academiae Scientiarum Fennicae*, **A III, Geologica-Geographica**, 145, 67-77. [codn]
- Alexandrowiczowa, Z. 1962. Sables et dunes du désert de Bledów (Polish, French abstract), *Ochr. Przyzr. R.*, **28**, 227-253. [stbdn]
- Alh riti re, D. 1982. *Aspects juridiques de la lutte contre l'ensablement des palmerais dans le Royaume du Maroc*, **FAO-FODO-UNDP/MOR/78/117**, Forestry Department, Food and Agriculture Organisation of the United Nations (FAO), Rome, ** [microfiche 8226007 dnuse]
- Alh riti re, D. and Downes, R.G. 1981. *Legislative aspects of soil conservation and erosion control in the Kingdom of Morocco*, **FAO-AGO-UNDP/MOR/78/015**, Agricultural Operations Division, Food and Agriculture Organisation of the United Nations (FAO), Rome, 32 pp. [dnuse]
- Al-Hinai, K.G. 1988. *Quaternary aeolian sand mapping in Saudi Arabia, using remotely-sensed imagery*, unpublished Ph.D. dissertation, Imperial College, University of London, 434 pp. [dune]
- Al-Hinai, K.G. and Moore, J.M. 1987. Monitoring of sand migration in eastern Arabia by remote sensing, *Proceedings of the, 20th International Symposium on Remote Sensing of Environment*, Environment Research Institute of Michigan, Ann Arbor, Michigan. [dune]
- Al-Hinai, K.G., Moore, J.M. and Bush, P.R. 1987. Landsat image-enhancement study of possible submerged sand dunes in the Arabian Gulf, *International Journal of Remote Sensing*, **8** (2), 251-258. [dune]
- Alimen, H. 1953a. Variations granulom triques et morphoscopiques du sable le long de profils dunaires au Sahara occidental, in *Actions  oliennes, ph nom nes d' vaporation et d'hydrologie superficielle dans les r gions arides, Colloques internationaux*, **35**, Centre national des Recherches scientifiques (CNRS), Paris, 219-235. [sand]
- Alimen, H. 1953b. Caract res granulom triques d'un d p t effectu  par le vent de sable   Beni-Abb s (Alg rie), *Comptes rendus de la Soci t  g ologique de la France*, **11-12**, 234-237. [sand]
- Alimen, H. 1965. The Quaternary era in the Northwest Sahara, in *International studies on the Quaternary*, Eds. Wright, H.E. and Frey, D.G., *Geological Society of America, Special Papers*, **84**, 273-291. [dune]
- Alimen, H. 1982. Le Sahara: grande zone d sertique nord-africaine, *Striae*, **17**, 35-51. [dune]
- Alimen, H., Buron, M. and Chavaillon, J. 1958. Caract res granulom triques de quelques dunes d'ergs du Sahara nord-occidental, *Comptes rendus de l'Acad mie des Sciences, Paris*, **247**, 1758-1761. [sand]
- Alimen, H., Chavaillon, J. and Conrad, G. 1959. Formations arides et pal osols quaternaires au Sahara nord-occidental, *Comptes rendus de la Soci t  g ologique de France*, **5**, 104-105. [dsol]
- Alimen, H. and De Lapparent, A.F. 1946. Dune quaternaire et dune bartonienne en Fr re-en-Tardenois, *Comptes rendus de la Soci t  g ologique de France*, **5**, 173-175. [stbdn]

- Alimen, H., Doudoux-Fenet, D., Ferrère, J. and Palau-Caddoux, M. 1957. Sables quaternaire du Sahara nord-occidentale (Saoura-Ougarta), *Bulletin du Service de la Carte géologique de l'Algérie*, **15**, 207 pp. [see also *Revue de Géomorphologie dynamique*, 1958, 10-182. [sand henriette, Danielle, jacqueline and margueritte]
- Alimen, H. and Fenet, D. 1954. Granulométrie de sables d'erg aux environs de la Saoura (Sahara occidental), *Comptes rendus de la Société géologique de France*, (9-10), 183-185. [sand]
- Alimen, H. and Mercier, M. 1948. Topographie dunaire au sommet de l'Auversien dans le Tardenois, *Comptes rendus de l'Académie des Sciences, Paris*, **226** (18), 2083-2085. [dune stbdn]
- Alimen, H. and Mercier, M. 1951. Remaniements éoliens d'âge bartonien dans les sables de la partie orientale du Bassin de Paris, *Proceedings of the, 3rd International Sedimentological Congress*, Gröningen-Wageningen, 1951, 25-41. [sand]
- Al Janabi, K.Z., Jawad Ali, A., Al-Taie, F.H. and Jack, F.J. 1988. Origin and nature of sand dunes in the alluvial plain of southern Iraq, *Journal of Arid Environments*, **14** (1), 27-34.
- Allchin, B. and Goudie, A.S. 1971. Dunes aridity and early man in Gujerat, western India, *Man*, **6** (2), 248-265. [stbdn]
- Allchin, B., Goudie, A.S. and Hegde, K. 1978. *The prehistory and palaeogeography of the Great Indian Desert*, Academic Press, London, 370 pp. [stbdn pald (ch 2) inst of arch dema 100 all]
- Allen, J.R.L. 1963a. Asymmetrical ripple marks and the origin of water-laid cosets of cross strata, *Liverpool and Manchester Geological Journal*, **3**, 187-136. [dunelog]
- Allen, J.R.L. 1963b. Structure of ripple marks, *Nature*, **198** (4883), 847-849. [dunelog]
- Allen, J.R.L. 1965. Coastal geomorphology of eastern Nigeria: beach ridge barrier islands and vegetated tidal flats, *Geologie en Mijnbouw*, **44** (1), 1-21. [codn]
- Allen, J.R.L. 1968b. *Current Ripples: their relation to patterns of water and sediment motion*, North Holland, Amsterdam, 433 pp. [ripple dune geog e 24 all]
- Allen, J.R.L. 1969a. On the geometry of current ripples in relation to the stability of flow, *Geografiska Annaler*, **51** (1-2), 61-96. [dunelog]
- Allen, J.R.L. 1969b. The maximum slope angle attainable by surfaces underlain by bulked equal spheroids with variable dimensional ordering, *Bulletin of the Geological Society of America*, **80** (10), 1923-1930. [dune]
- Allen, J.R.L. 1970. The avalanching of granular solids on dunes and similar slopes, *Journal of Geology*, **78** (3), 326-351.
- Allen, J.R.L. 1971. Intensity of deposition from avalanches and loose packing of avalanche deposits, *Sedimentology*, **18**, 105-111. [dune]
- Allen, J.R.L. 1971a. Instantaneous sediment deposition rates deduced from climbing-ripple cross-lamination, *Journal of the Geological Society of London*, **127**, 553-561.
- Allen, J.R.L. 1971b. A theoretical and experimental study of climbing-ripple cross-lamination, with a field application to the Uppsala esker, *Geografiska Annaler*, **A 53** (3-4), 157-187.
- Allen, J.R.L. 1973. A classification of climbing-ripple cross-lamination, *Journal of the Geological Society of London*, **129**, 537-541.
- Allen, J.R.L. 1976a. Computational models for dune time-lag: general ideas, difficulties and early results, *Sedimentary Geology*, **15** (1), 1-53.

- Allen, J.R.L. 1976b. Computational models for dune time-lag: an alternative boundary condition, *Sedimentary Geology*, **15**, 255-280.
- Allen, J.R.L. 1979. A model for the interpretation of wave and ripple marks using their wavelength, textural composition and shape, *Journal of the Geological Society of London*, **136**, 673-682.
- Allen, J.R.L. and Collinson, J.D. 1974. The superimposition and classification of dunes formed by unidirectional aqueous flows, *Sedimentary Geology*, **12**, 169-178. [ripple dunelog
- Allier, C. 1966. Formation et évolution d'une dune continentale au Champ Minette (Forêt de Fontainebleau), *Revue de Géomorphologie dynamique*, **16**, 101-113. [stbnd abstract in Niessen, *et al.* 1984
- Allison, G.B., Stone, W.J. and Hughes, M.W. 1985. Recharge in karst and dune elements of a semi-arid landscape as indicated by natural isotopes and chloride, *Journal of Hydrology*, **76** (1-2), 1-25. [dnuse dnhyd
- Allison, R.J. 1988a. Sediment types and sources in the Wahiba Sands, Oman, in *Scientific results of the Royal Geographical Society's Oman Wahiba Sands project*, Ed. Dutton, R., *Journal of Oman Studies, Special Report*, **3**, 161-168. [sand dune
- Allison, R.J. 1988b. Sand dune dynamics and sand sea evolution, *Landscape Research*, **13**, 6-11.
- Almagor, G. 1979. Relict sandstones of Pleistocene age on the continental shelf of northern Sinai and Israel, *Israel Journal of Earth Science*, **28**, 70-76. [codn dnbed negev
- Al-Nakshabandi, G.A. and Robee, F.T. 1988. Aeolian deposits in relation to climatic conditions and vegetative cover in the Kuwait desert, *Journal of Arid Environments*, **15** (3), 229-243. [dune stbnd sdmv
- Alpha, T.R., Hunter, R.E. and Richmond, B.M. 1980. Maps showing landforms of the Umpqua South area, the Oregon Dunes National Recreation Area, Oregon, *United States Geological Survey, Map*, **MF-1205**, ** [codn
- Al-Saadi, S.N. 1972. Geomorphology, sedimentology and origin of Bayi Dune Field (abstract), *Journal of the Geological Society of Iraq*, **5**, 179.
- Al Salloum, N.M. 1973. *Fatigue characteristics of asphalt-stabilized dune sand*, unpublished Ph.D. dissertation, University of Arizona, Tucson, AZ, 344 pp. [dnuse glue
- Al Sanad, H.A., Ismael, N.F. and Nayfeh, A.J. 1993. Geotechnical properties of dune sands in Kuwait, *Engineering Geology*, **34** (1-2), 45-52. [dnuse
- Alsop, P.F.B. 1973. The stabilization of coastal dunes, *1st Australian Conference on Coastal Engineering*, Sydney, 140-147. [codn dnuse abstract in Busche, *et al.* 1984
- Alsop, P.F.B. 1973. The stabilization of coastal dunes, *1st Australian Conference on Coastal Engineering*, Sydney, 140-147. [codn dnuse abstract in Busche, *et al.* 1984
- Alvarez de Benito, G. 1972. *Sand dune problems and how they were controlled at El Aaioun, West Sahara*, Easo Standard Espanola, S.A., Madrid, 15 pp. [abstract in Busche, *et al.* 1984 dnuse
- Alvarez de Benito, G. 1974. Sand dune stabilization at El Aaioun, West Sahara, *International Journal of Biometeorology*, **18**, 142-144. [abstract in Busche, *et al.* 1984 dnuse
- Alvarez De Benito, G. and Le Roux, P.J. 1976. Stabilisation of sand dunes in the Western Sahara, *South African Journal of Forestry*, **97**, 36-43. [dnuse
- Alzaydi, A.A. and Hejazy, M. 1981. An investigation on the influence of particle size and shape characteristics on packing behaviour of three localities of sands in Saudi Arabia, *Symposium on Geotechnical Problems in Saudi Arabia*, Riyadh, ** [sand dsol

Amat, J. 1978. *Essai d'explication des formes dunaires et leur stabilisation*, United Nations Development Programme (UNDP) / Institut Géographique National (IGN), Rome, ** [? dune dnuse

Ambroz, V. 1947. Sprase prohotkin, *Sbornik Statniho Geologickeho Ustavu Ceskoslovenske Republiky*, **XIV**, ** [dune stbdn ?

Amiel, A.J. 1975. Progressive pedogenesis of eolianite sandstone, *Journal of Sedimentary Petrology*, **45** (2), 513-519. [dsol

Amiel, A.J. and Ravikovitch, S. 1961. Differentiation between parent material of alluvial and aeolian origin in soils of the coastal plain of Israel, *Proceedings of the Conference on Mediterranean Soils*, Madrid, 7-20. [dsol sand negev

Amiraslanov, K.Z., et al. 1974. The use of chemical structure-formators to combat deflation in conditions of aspersion, *Problemy Osvoenya Pustyn*, (3), 85-87. [dnuse

Amos, W.H. 1959. The life of a sand dune, *Scientific American*, **201**, 91-99.

Amstutz, G.C. and Chico, R. 1958. Sand size fractions of south- Peruvian barchans and a brief review of the genetic grain shape function, *Bulletin der Vereinigung schweizerischer Petroleum-Geologen-und-Ingeniure*, **24** (67), 47-52.

Amundson, R.G. and Trembrack, B. 1989. Soil development on stabilized dunes in Golden Gate Park, San Francisco, *Journal of the Soil Science Society of America*, **53** (6), 1798-1806. [dnsol

Anan, P.S. 1969. Coastal environments: northeast Massachusetts and New Hampshire, *Central Research Group, University of Massachusetts*, 266-280. [codn

Ananyev, G.S. and Vashchalova, T.V. 1975. Observations of eolian processes in the Carpathians (in Russian), *Vestnik Moshovskogo Universiteta, Serya Geografiya*, **5**, 105-107. [dune

Andaloussi, ** 1966. Les vents de sable dans le Sud-Oranais: examen professionnel, *Météorologie National, Paris*, 44 pp. [sdmo

Anderhalt, R. 1984. Spalled quartz overgrowths and their implications for how sand is derived from a sandstone and vice versa, *Micron and Microscopica Acta*, **15**, 99-100.

Anders, F.J. and Leatherman, S.P. 1987. Effects of off-road vehicles on coastal foredunes at Fire Island, New York, USA, *Environmental Management*, **11** (1), 45-52. [codn dnuse

Anderson, C. and Taylor, K. 1979. Some factors affecting the growth of two populations of *Festuca rubra* var. *arenaria* on the dunes of Blakeney Point, Norfolk, in *Ecological processes in coastal environments*, Eds. Jeffries, R.L. and Davy, A.J., Blackwell, Oxford, 129-143. [codn dnveg

Anderson, G.E. 1926. Experiments on the rate of wear of sand grains, *Journal of Geology*, **34** (2), 144-158.

Anderson, R.S. 1986b. *Sediment transport by wind: saltation, suspension, erosion and ripples*, unpublished Ph.D. dissertation, University of Washington, Seattle, 174 pp. [sdmo

Anderson, R.S. 1987a. A theoretical model for aeolian impact ripples, *Sedimentology*, **34** (5), 943-956. [sdmo

Anderson, R.S. 1987b. Eolian sediment transport as a stochastic process: the effects of a fluctuating wind on particle trajectories, *Journal of Geology*, **95** (4), 497-512. [sdmo

- Anderson, R.S. 1988. The pattern of grainfall deposition in the lee of eolian dunes, *Sedimentology*, **35** (2), 175-188.
- Anderson, R.S. 1989. Saltation of sand: a qualitative review with biological analogy, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 149-165. [sdmo copy]
- Anderson, R.S. and Haff, P.K. 1988. Simulation of eolian saltation, *Science*, **241** (4867), 820-823. [sdmo]
- Anderson, R.S. and Hallet, B. 1986. Sediment transport by wind: toward a general model, *Bulletin of the Geological Society of America*, **97** (5), 523-535. [sdmo]
- Andrée, K., Hanneman, K., Schultz, H., Schüz, E., Willer, A. and Ziegenspeck, H. 1932. *Die Kurische Nehrung. Europas Sandwüste. Ein Handbuch für den Wanderer und Naturfreund*, Gräfe und Unzer, Königsberg, 132 pp. [reprint 1989, Reisbücher von Anno dazumal, **7**, Rautenberg, Leer, 165 pp. codn dnveg]
- Andreichuk, A.L. 1982. A case study of the sand deflation intensity (in Russian), *Problems in Desert Development*, (5), 69-71. [sdmo wnerop abstract in Busche, *et al.* 1984]
- Andreichuk, A.L. 1985. The rate of sand waves movement, *Problems of Desert Development*, (2), 64-66. [dune]
- Andresen, C.C. 1861. *Om klitformationen og Klittens behandling og Bestyrelse*, **, København, ** [codn dnuse]
- Andrews, E.W. 19**, Pebbles and drifting sand, *Transactions of the New Zealand Institute*, **26**, 397-** [codn? sdmo ? dune ?]
- Andrews, S.G. 1978. Geometry and dynamics of the Great Sand Dunes, San Luis Valley, Colorado (abstract), *Geological Society of America, Abstracts with Program*, **10** (5), 209. [Sarah]
- Andrews, S.G. 1981. Sedimentology of Great Sand Dunes, Colorado, in *Ancient and modern non-marine depositional environments: models for exploration*, Eds. Ethridge, F.G. and Flores, R.M., *Special Publication*, **31**, Society for Economic Mineralogists and Palaeontologists, 279-291. [abstract in Niessen, *et al.* 1984 and Busche, *et al.* 1984]
- Andrews, S.G. 1985. On clarity of thought: Edwin D. McKee and the science, *Journal of Sedimentary Petrology*, **55** (5), 774-776. [dune]
- Andrews, S.G. 1988. Introduction to the Great Sand Dunes, Colorado, in *Modern and ancient eolian deposits: petroleum exploration and production*, Eds. Fryberger, S.G., Krystinik, L.F. and Schenk, C.J., *Guidebook*, **9-1, 9-2**, Society of Economic Palaeontologists and Mineralogists, Rocky Mountain Section, Field Seminar in Alamosa Co, and Ghost Ranch, NM, Denver, Co., **
- Andriesse, J.P. 1969/70. The development of podzol morphology in the tropical lowlands of Sarawak (Malaysia), *Geoderma*, **3**, 261-279. [codn]
- Anonymous 1932. Sand drift on railways and roads, *Commonwealth Engineer*, **20** (5), 136-138. [dnuse]
- Anonymous 1940. Causes et dangers de l'érosion du sol dans les régions arides et semi-arides, *Genie civile*, **116**, avril, 229. [wneroa ?]
- Anonymous 1941. Drifting sand, *Sudan Notes and Records*, **24**, 201-203. [dnuse]
- Anonymous 1949. Collective investigations of dunes near Torun (in Polish), *Studia Societas Scientorum, Torunensis, Supplementum*, **1**, ** [stbdn]

- Anonymous 1950. La fixation des dunes en Mauritanie, *Cahiers coloniaux*, **9**, Institut Colonial, Marseilles, 384-385. [dnuse]
- Anonymous 1958. Méthode améliorée pour l'étude des sables, *Revue de Géomorphologie dynamique*, **9**, 43-54. [sand]
- Anonymous 1963. *Sand control research in Communist China*, *JPRS*, **20**, United States Department of Commerce, Office of Technical Services, Joint Publications Research Center, 939 pp. [dnuse]
- Anonymous 1972. Why Britain's beaches whistle where they do, *New Scientist*, **55** (807), 3 August, 229. [singing sand]
- Anonymous 1973. Shifting theories of singing sand, *New Scientist*, **58** (848), 31 May, 534.
- Anonymous 1975. The dunes of St.Ouen's Bay, Jersey: an ecological survey, Part 1, *Annual Bulletin of the Société jersiaise*, **21**, 381-391. [codn]
- Anonymous 1976. Sable sur l'Atlantique, *Bulletin d'Information de la Météorologie*, **31**, 45-48. [dune sdmo codn]
- Anonymous 1977. *China tames her deserts: a photographic record*, Science Press, Peking, 86 pp. [dnuse]
- Anonymous 1979. Le piétinement par le bétail: facteur de dégradation des pâturages. L'exemple de la dune de Tin Ejar (Haute-Volta), *Photo-Interprétation*, (1), 33-46. [abstract in Busche *et al.* 1984 wnerof]
- Anonymous 1979b. Sand dune project stabilizes erosion, *Journal of Agriculture of Western Australia*, **20** (1), 31. [dnuse abstract in Busche *et al.* 1984]
- Anonymous 1985d. *Chinas grosse gruene Mauer Waechst, Aufforstunges 7300 km Langenwaldguertels Gegen aus Breitung der Wueste*, *Holz-Zentralblatt.*, **111** (45), 661 pp. [dnuse]
- Anteunis, A. 1956. *Biosociological study of the Belgian sand dunes*, *Verhandelingen van Koninklijke Academie voor Wetenschappen, Litteren en Schone Kunsten van Belgie, Klasse der Wetenschappen*, **52-55**, 183 pp. [codn dnveg]
- Antevs, E. 1928. Wind deserts in Iceland, *Geographical Review*, **18** (4), 675-676. [dune]
- Anthony, E.J. 1985. Geomorphology, water-table and soil relationships in Holocene beach ridges in southern Sierra Leone, *Catena*, **12** (2-3), 167-178. [codn ?]
- Anthony, E.J. 1989. Chenier plain development in northern Sierra Leone, *Marine Geology*, **90** (4), 297-309. [codn]
- Anton, D. 1983. Modern aeolian deposits of the Eastern Province of Saudi Arabia, in *Eolian sediments and processes*, Eds. Brookfield, M. and Ahlbrandt, T., Elsevier, *Advances in Sedimentology*, **38**, 275-297. [dune]
- Anton, D. 1984. Aspects of geomorphological evolution: palaeosols and dunes in Saudi Arabia, in *The Quaternary of Saudi Arabia.*, **2. Sedimentological, hydrogeological, hydrochemical, geomorphological, geochronological and climatological investigations in western Saudi Arabia, Eds. Jado, A.R. and Zötl, J.G., Springer-Verlag, Berlin, 275-296. [oman ? Geol PH 66 QUA]**
- Anton, D. 1986. Morpho-stratigraphy and aeolian activity during the Late Quaternary in the Arabian peninsula, *Changements globaux en Afrique au Quaternaire, Symposium*, **5-8**, International Quaternary Research Association (INQUA) / Association sénégalaise pour l'Etude du Quaternaire de l'Ouest Africain

- (ASEQUA), Office de la Recherche scientifique et technique de l'Outre Mer (ORSTOM), Dakar, **
[dune]
- Anton, D. and Ince, F. 1986. A study of sand color and maturity in Saudi Arabia, *Zeitschrift für Geomorphologie*, NF, **30** (3), 339-356. [dune dweath]
- Anton, D. and Vincent, P. 1986. Parabolic dunes of the Jafurah Desert, Eastern province, Saudi Arabia, *Journal of Arid Environments*, **11** (3), 187-198.
- Aramaki, M. 1969. Blown sand at a northern beach on the Niigata coast (in Japanese), *The Geophysical Review of Japan*, **42**, 170-175. [codn sdmo]
- Aramco 1960. *Preliminary program for eolian sand control, area of El Hasa, Eastern Province, Saudi Arabia*, Aramco, Dahrhan, 49 pp. [dnuse]
- Araoka, K. and Maeno, N. 1981. Dynamical behaviour of snow particles in the saltation layer, *Proceedings of the 3^d Symposium on polar meteorology and glaciology, Technical Memorandum*, **19**, National Institute of Polar Research, Tokyo, 253-263. [sdmo]
- Araya-Vergara, J.F. 1987. The evolution of modern coastal dune systems in central Chile, in *International geomorphology, 1986*. Ed. Gardiner, V., *Proceedings of the, 1st International Conference*, **II**, John Wiley and Sons, Chichester, 1231-1239. [codn]
- Arazmuradov, M. 1982. Evaluation of optimal discharge of structure-formers polymers used in bare sands fixation, *Problems of Desert Development*, (1), 55-59. [sdmo dnuse]
- Arazmuradov, M. and Nuriyev, B.N. 1980. A study of clay and sand structure strength through a method of soaking, *Problems in Desert Development*, (3), 66-69. [dsol]
- Aripov, E.A. and Nuryev, B.N. 1982. Classification of the chemical substances used for sand dune fixation (in Russian), *Problemy Osvoeniya Pustyn*, (6), 65-66. [dnuse]
- Aris, R. and Dervieux, F. 1957. La nappe phréatique du Souf (région d'El Oued), *Terres et Eaux*, 4^e trim (1951 1^e trim), 4-39. [dnhyd reviewed by Capot-Rey TIRS, **16**, 221-222.
- Armbrust, D.V. and Box, J.E.Jr. 1967. Design and operation of a portable wind-tunnel, *Report*, **41-131**, Agricultural Research Service, United States Department of Agriculture, Washington, DC, 14 pp. [sdmo]
- Armbrust, D.V. and Lyles, L. 1975. Soil stabilizers to control wind erosion, *Soil Conditioners*, **7**, 77-82. [dnuse]
- Armon, J.W. 1979. Landward sediment transfers in a transgressive barrier island system, Canada, in *Barrier islands*, Ed. Leatherman, S.P., Academic, New York, 65-80. [codn sdmo]
- Armon, J.W. 1980. Dune erosion and recovery on a northern barrier, *Coastal zone '80, Proceedings of the Symposium on Coastal and Ocean Management*, **2** (2), 1233-1250. [codn dnuse]
- Armon, J.W. and McCann, S.B. 1977. Longshore sediment transport and a sediment budget for the Malpeque barrier system, southern Gulf of St. Lawrence, *Canadian Journal of Earth Science*, **14**, 2429-2439. [codn]
- Armon, J.W. and McCann, S.B. 1979a. Longshore variations in shoreline erosion, Malpeque barrier system, Prince Edward Island, *Canadian Geographer*, **23** (1), 18-31. [codn]
- Armon, J.W. and McCann, S.B. 1979b. Morphology and landward sediment transfer in a transgressive barrier island system, *Marine Geology*, **31**, 333-344. [codn]

- Arnagel'dyev, A. 1973. Dynamics of dunes around a township of Yerbent in the central part of the Karakum Desert, *Problemy Osvoeniya Pustin*, (5), 63-63. [dnuse Anageldyjev ??
- Arnagel'dyev, A. 1975. *Sands of the central part of the lower Karakum, their mobility, and measures against it* (in Russian), dissertation, USSR Academy of Sciences, geography Institute, 25 pp. [dnuse dune
- Arnagel'dyev, A. and Kostyukovskiy, V.I. 1982. Protection of catchments and structures from sand drift at takyr (in Russian), *Geomorfologiya*, (1), 39-43. [dnuse
- Arnagel'dyev, A. and Kurbanov, O.R. 1976. Peculiarities of the movement of sand dunes in the central part of the Karakum lowlands (in Russian), in *Problems of Turkmenia's Geography*, Ylym, Ashkhabad, Issue, **3**, 72-86. [or Arnageldyjev and Kurbanov ??
- Arnagel'dyev, A. and Kurbanov, O.R. 1977. The movement of sand dune ridges in the Bakharden area, in *Natural conditions and the problems of Karakum development*, Ylym, Ashkhabad, 3-7. [or Arnageldyjev and Kurbanov ?? dnuse
- Arnagel'dyev, A. and Kurbanov, O.R. 1984. Protection of catchment plots and installations from sand drift at takyr (in Russian), *Problems of Desert Development*, (2), 84-88. [dnuse
- Arndt, E.A., Ed. 1969. *Zwischen Düne und Meersgrund: Tiere und Pflanzen des Ostseeraumes*, Urania, Leipzig, ** [codn dnveg ?
- Arnold, A. 1936. Zur Biologie der Strand- und Duinenflora au Borkum. Juist und dem Memmert, *Planta*, **23**, 662-691. [dnveg codn
- Arnst, A. 1942. Trees against the wind, *American Forests*, **48**, 543-545. [dnuse
- Artist, R.C. 1939. Pollen spectrum studies on the Anoka sand plain in Minnesota, *Journal of Geology*, **65**, 410-427. [stbdn ? **not 1939 or 65 (1957)**
- Arvidson, R.E. 1974. Wind-blown streaks, splotches and associated craters on Mars: statistical analysis of Mariner 9 photographs, *Icarus*, **21** (1), 12-27. [sdmo dune
- Arvidson, R.E., Guinness, E.A. and Lee, S.W. 1979. Differential aeolian redistribution rates on Mars, *Nature*, **278**, 533-535. [sdmo dune
- Arvidson, R.E. and Mutch, T.A. 1974. Sedimentary patterns in and around craters from the Pinnacate volcanic field, Sonora, Mexico: some comparisons with Mars, *Bulletin of the Geological Society of America*, **85** (1), 99-104. [dune
- Arvidson, R.E., Mutch, T.A. and Jones, K.L. 1974. Craters and associated eolian features on Mariner 9 photographs: an automated data-gathering and handling system and some preliminary results, *Moon*, **9**, 105-114. [dune
- Ascanio, M.F. 1972. Instability of flat sand surfaces under wind action, *Bolletino de la Laboratorio de Hydrologia, Universita Central de Venezuela*, **3**, 24-39. [sdmo
- Ash, J.E. and Wasson, R.H. 1983. Vegetation and sand mobility in the Australian desert dunefield, *Zeitschrift für Geomorphologie, Supplement Band*, **45**, 7-25. [dnveg, sdmo, dune stbdn
- Ash, P. 1978. Sand and dust storms, *Middle East Construction*, June, 81-83. [sdmo dnuse
- Ashburn, E.V. and Weldon, R.G. 1956. Spectral diffuse reflectance of desert surfaces, *Journal of the Optical Society of America*, **46**, 585. [dune

- Ashley, G.M. 1985. Proglacial eolian environment, in *Glacial sedimentary environments*, Eds. Ashley, G.M., Shaw, J. and Smith, D., *Short Course Notes*, **16**, Society of Economic Palaeontologists and Mineralogists, Tulsa, OA, 217-232. [dune]
- Ashley, G.M., Southard, J.B. and Boothroyd, J.C. 1982. Deposition of climbing ripple beds: a flume simulation, *Sedimentology*, **29** (1), 67-79.
- Ashour, M.M. 1985. Textural properties of Qatar dune sands, *Journal of Arid Environments*, **8** (1), 1-14.
- Ashour, M.M. 1987. Surficial deposits of the Qatar peninsula, in *Desert sediments: ancient and modern*, Eds. Frostick, L.E. and Reid, I., *Special Publication*, **35**, Geological Society of London, 361-368. [dune geol e 58 fro]
- Ashri, A.H. 1970. Movement of sand dunes at Kharga oasis (abstract), *8th Annual Meeting of the Geological Society of Egypt, Papers*, 21.
- Ashton, W. 1909. *The battle of land and sea on the Lancashire, Cheshire and North Wales coasts, and the origin of the Lancashire sandhills*, Ashton, Southport, ** [codn]
- Ashton, W. 1920. *The evolution of a coastline: Barrow to Aberystwyth and the Isle of Man, with notes on lost towns, submarine discoveries, etc.*, Stanford, London, 302 pp. [codn geol jk 36]
- Askew, G.P., Ed. 1969. *The arable sandlands of the Vale of York, Proceedings of the North of England Soils Discussion Group*, **5**, ** [dnuse stbdn]
- Asphalt Institute, The 1974. Asphalt for water waste retention in fine-sand areas, *Miscellaneous Publications*, **74**, A I, **, MD, 3 pp. [dnuse]
- Asumadu, K., Gilkes, R.J., Armitage, T.M. and Churchward, H.M. 1988. The effects of chemical weathering on the morphology and strength of quartz grains: an example from S.W. Australia, *Journal of Soil Science*, **39** (3), 375-383. [sand]
- Ataev, A. 1981. Efficiency of agricultural development of oasis sands, *Problems of Desert Development*, (1), 61-64. [dnuse dsol abstract in Busche *et al.*]
- Atakhanov, O. 1983. Morphological structure peculiarities of large sandy ridges landscape (eastern Karakum), *Problemy Osvoeniya Pustin*, (5), 30-39. [dune ?]
- Atkinson, A. 1981. *White sands - wind, sand, time*, *Popular Series*, **21**, Southwestern Parks and Museums Service, 44 pp. [dune]
- Atkinson, D. 1973. Observations on the phosphorus nutrition of two sand dune communities at Ross Links, *Journal of Ecology*, **61**, 117-133. [dnveg codn]
- Atkinson, W.J. 1971. Improved techniques to stabilize frontal and hind dunes after beach mining, *Journal of the Soil Conservation Service of New South Wales*, **27**, 199-208. [codn dnuse]
- Atkinson, W.J. 1973. The coastal dune system: its management for stability and protection, *1st Australian Conference on Coastal and Ocean Engineering*, Sydney, 131-134. [codn dnuse abstract in Busche, *et al.* 1984]
- Atkinson, W.J. 1974. Problems arising from the intensive use of coastal dunes in New South Wales, *International Journal of Biometeorology*, **18**, 94-100. [codn dnuse]
- Aubert, H.J. 1978. Eine Wüste ganz aus Gips, *Kosmos*, Stuttgart, **74**, 890-897. [dune]

- Aubert de la Rue, E. 1959. Phénomènes périglaciaires et actions éoliennes aux Iles de Kerguelen, *Mémoire*, Série D, **9**, Institut scientifique de Madagascar, 1-21. [sdmo dune abstract in Niessen, *et al.* 1984]
- Aubic, J. 1973. Considérations sommaires sur le reject dans les terrains dunaire d'effluents urbains epurés, *Bulletin de l'Institut de Géologie de le Bassin d'Aquitaine*, **14**, 233-237. [codn dnuse]
- Aubinières, L. 1935. Notes sur le Sahel mauritanien, *Bulletin du Comité d'Etudes Historiques et Scientifiques de l'Afrique occidentale français*, **28**, 381-392. [dune stbdn?]
- Auden, J.B. 1952. Some geological and chemical aspects of the Rajasthan salt problem, *Bulletin of the National Institute of Sciences of India*, **1**, 53-67. [dune dsol]
- Aufrère, L. 1928a. L'orientation des dunes et la direction des vents, *Comptes rendus de l'Académie des Sciences, Paris*, **187**, 833-835.
- Aufrère, L. 1928b. L'orientation des dunes continentales, *Proceedings of the 12th International Geographical Congress*, Cambridge, 220-231. [wind or 1930 ??]
- Aufrère, L. 1928c. *Les dunes dans les déserts*, *Handbook*, **12th** International Geographical Congress, Cambridge, 51 pp.
- Aufrère, L. 1929a. Le problème géologique des dunes dans les déserts chauds du nord de l'Ancien Monde, (Sahara, Arabie, Inde), *Association français pour l'Avancement de Science*, **53^e** Session, Le Havre, 393-397.
- Aufrère, L. 1929b. Les dunes dans les déserts, *La Météorologie*, Série, **V**, **, 277-278.
- Aufrère, L. 1930a. Les dunes et les vents du Sahara, *Comptes rendus de l'Association français pour l'Avancement des Sciences*, **54^e** Session, Alger, Masson, Paris, 144-148.
- Aufrère, L. 1931a. Le cycle morphologique des dunes, *Annales de Géographie*, **40**, 362-385.
- Aufrère, L. 1931b. Le problème géologique des dunes dans les déserts chauds du nord de l'Ancien Monde, (Sahara, Arabie, Inde), *Compte rendus sommaires de la Société géologique de la France*, 23.
- Aufrère, L. 1931c. Utilisation de la photographie aérienne pour la morphologie dunaire, *Resumés des communications du Congrès international de Géographie*, Paris, **2**, 699-711. [or 324 ?? dune]
- Aufrère, L. 1932a. L'action conservatrice des phénomènes physico-chimiques dans le modelé des déserts accentués, *Bulletin de l'Association de Géographes français*, **57**, 66-69.
- Aufrère, L. 1932b. Morphologie dunaire et météorologie saharienne, *Bulletin de l'Association de Géographes français*, **56**, 34-47.
- Aufrère, L. 1933a. Classification des dunes, *Comptes rendus du Congrès international de Géographie*, Paris, 1931, **II**, section 2, 1^e Fasc. 699-711.
- Aufrère, L. 1933b. Les dunes continentales, leur rapport avec le sous-sol, le passé géologique récent et le climat actuel, *Comptes rendus du 13^e Congrès international de Géographie*, Paris, **2** (1), 699-711.
- Aufrère, L. 1933c. Les dunes sahariennes et les vents alizés, *Bulletin français pour l'Avancement de Science*, **112**, 131-138.
- Aufrère, L. 1934. Les dunes du Sahara algérien, *Bulletin de l'Association de Géographes français*, **83**, 130-142.

- Aufrère, L. 1935. Essai sur les dunes du Sahara algérien, *Geografiska Annaler*, **17**, *Hyllningskrift Sven Hedin*, 481-550.
- Aufrère, L. 1936. L'histoire de l'activité morphologique au Sahara d'après la carte au 1: 200, 000 du Service Géographique de l'Armée, *Comptes rendus du Congrès international de Géographie*, Varsovie, 1934, **II**, 198-208.
- Avis, A.M. 1989. A review of coastal dune stabilization in Cape Province, South Africa, *Landscape and Urban Planning*, **18** (1), 55-68. [codn dnuse
- Avis, A.M. and Lubke, R.A. 1985. The effect of wind-borne sand and salt spray on the growth of *Scirpus nodosus* in a mobile dune system, *South African Journal of Botany*, **51** (2), 100-110. [codn dnveg
- Avnimelech, M. 1952. Late Quaternary sediments of the coastal plain of Israel, *Bulletin of the Research Council of Israel*, **2**, 51-57. [codn negev
- Avnimelech, M. 1955. The geology of the Philistine coast, *Israel Exploration Journal*, ** 119-** [codn negev **not 1955**
- Ayrton, H. 1905. Origin and growth of ripple-mark, *Proceedings of the Royal Society of London*, **124**, 565-566.
- Ayrton, H. 1910. Origin and growth of ripple-mark, *Proceedings of the Royal Society of London*, **A 134**, 285-310.
- Ayyad, M.A. 1969. An edaphic study of habitats at Ras El-Hikma, *Desert Institute Bulletin*, **19** (2), Cairo, 245-259. [dnveg dnsol
- Ayyad, M.A. 1973. Vegetation and environment of the western Mediterranean coastal land of Egypt. I. The habitat of sand dunes, *Journal of Ecology*, **61** (2), 509-523. [codn stbdn
- Azizov, A., *et al.* 1975. Cement-sand mixture cellular mechanical screen, *Problems of Desert Development*, (1), 85-89. [wneroc dnuse
- Azizov, A. and Atbayev, B. 1987. Influence of windborne sand on erosion resistance of soils treated with various preparations, *Problems of Desert Development*, (2), 85-90. [dnuse
- Baars, D.L. and Seager, W.R. 1970. Stratigraphic control of petroleum in White Rim Sandstone (Permian) in and near Canyonlands National Park, Utah, *Bulletin of the American Association of Petroleum Geology*, **54** (5), 709-718. [dnbed
- Baba, J. and Komar, P.D. 1981. Measurements and analysis of settling velocities of natural quartz sand grains, *Journal of Sedimentary Petrology*, **51** (2), 631-640. [sand sdmo abstract in Busche *et al.*, 1984
- Babayev, A.G. 1978. *Izucheniye i osvoyeniye pustyn': rezult'aty I perspektivy issledovaniy*, Akademiya Nauk SSR, Vestnik, Moscow, ** [studies and reclamation of deserts: results and future investigations dune dnuse
- Babayev, A.G., Ed. 1980. *Shifting sands in the deserts of the USSR: stabilization and afforestation*, United Nations Environment Programme (UNEP) / UNEPCOM, Centre for International Projects, Moscow, 318 pp. [dnuse
- Babayev, A.G. 1973. *Turkmenia's oasis sands and the ways of their development*, Ylym, Ashkhabad, 354 pp. [dnuse dune stbdn

- Babayev, A.G. 1986. *Principles and methods of shifting sands fixation*, United Nations Environment Programme, USSR Commission for UNEP, Centre for International Projects, GKNT, Moscow, 132 pp. [dnuse dune]
- Babayev, A.G. and Cherednichenko, V.P. 1971. Geographic substantiation for the planning and construction of linear projects in sandy deserts (in Russian), *Problemy Pridladony Geografii*, Irkutsk, 149-155. [dnuse]
- Babayev, A.G. and Cherednichenko, V.P. 1972. Methods for determining the degree of deflation in shifting sands (in Russian), *Problems of Desert Development*, (5), 41-45. [dnuse dune]
- Babayev, A.G. and Freikin, Z.G. 1977a. *Reclamation of deserts in the USSR*, Znaniye, Moscow, 52 pp. [dnuse]
- Babayev, A.G. and Freikin, Z.G. 1977b. *Poostyni SSSR vchera, segodnya, zvara*, Mysl', Moscow, 352 pp. [USSR deserts yesterday, today, tomorrow dnuse or 1977 ??]
- Babayev, A.G. and Zakirov, R., Eds. 1980. *Shifting sands in the deserts of the USSR: stabilization and afforestation*, United Nations Environment Programme, USSR Commission's Centre for International Projects, Moscow, 318 pp. [dnuse abstract in Busche *et al.* 1984]
- Babikir, A.A.A. 1984. Vegetation and environment on the coastal sand dunes and playas of Khor El-Odiad area, Qatar, *GeoJournal*, **9** (4), 377-386. [codn dnveg]
- Baccus, J.T. and Horton, J.K. 1980. Pedestrian impacts: Padre Island, in *Barrier island forum and workshop*, Eds. Mayor, B.S. and Smith, L.B.Jr., United States National Park Service, North Atlantic Region, Boston, 89-102. [codn dnuse]
- Backhaus, E. 1972. Rotfarbung und Sedimentation in der Sonora-Wüste (Mexico, USA) im genetischen Vergleich zum süddeutschen oberen Buntsandstein, *Nachrichten der deutschen geologischen Gesellschaft*, **5**, 19. [dweath sand dnbed abstract in Busche *et al.* 1984]
- Baeyens, G. 1989. Wildlife management in Dutch coastal dunes, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Scientific, The Hague, 111-120. [codn dnuse dnveg]
- Bagnold, R.A. 1931. Journeys in the Libyan Desert, *Geographical Journal*, **78** (1), 13-39, (6) 524-533. [55 dune]
- Bagnold, R.A. 1933. A further journey in the Libyan Desert, *Geographical Journal*, **82** (2), 103-129; (3), 211-213. [dune]
- Bagnold, R.A. 1935a. The movement of desert sand, *Geographical Journal*, **85** (4), 342-369. [sdmo]
- Bagnold, R.A. 1935b. *Libyan sands: travel in a dead world*, Hodder and Stoughton, London, 351 pp. [dune]
- Bagnold, R.A. 1936. The movement of desert sand, *Proceedings of the Royal Society*, **A 157** (892), 594-620. [sdmo also in Thorne Ed.]
- Bagnold, R.A. 1937a. The transport of sand by wind, *Geographical Journal*, **89** (5), 409-438. [sdmo]
- Bagnold, R.A. 1937b. The size grading of sand by wind, *Proceedings of the Royal Society of London*, **A 163** (913), 250-264. [sand also in Thorne Ed.]
- Bagnold, R.A. 1937c. The transport of sand by wind, *Proceedings of the Royal Society of London*, **A 163**, 157-264. [sdmo **can't find**]

- Bagnold, R.A. 1938a. The measurement of sand storms, *Proceedings of the Royal Society of London*, **A 167** (929), 282-291. [sdmo]
- Bagnold, R.A. 1938b. Grain structure of sand dunes in relation to water content, *Nature*, **142** (3591), 403-404. [sand dnbed also in Thorne Ed.]
- Bagnold, R.A. 1939. An expedition to the Gilf Kebir and Uweinat, 1938, *Geographical Journal*, **93** (4), 281-313. [dune]
- Bagnold, R.A. 1941. *The physics of blown sand and desert dunes*, Methuen, London, 265 pp. [2nd Edition, 1954 ripple sdmo]
- Bagnold, R.A. 1945. Early days of the Long Range Desert Group, *Geographical Journal*, **105** (1), 30-46. [dlit also in Thorne Ed.]
- Bagnold, R.A. 1951a. Some problems of desert physics, *Bulletin de l'Institut Fouad I, du Désert*, **I**, 2nd July, 27-34. [dune sdmo]
- Bagnold, R.A. 1951b. The movement of a cohesionless granular bed by fluid flow over it, *British Journal of Applied Physics*, **2** (2), 29-34. [sdmo ripple]
- Bagnold, R.A. 1951c. The sand formations in southern Arabia, *Geographical Journal*, **127** (1), 78-86. [dune Oman]
- Bagnold, R.A. 1953a. Forme des dunes de sables et regime des vents, *Actions éoliennes, phénomènes d'évaporation et d'hydrologie superficielle dans les régions arides, Colloques internationaux*, **35**, Centre nationale des Recherches scientifiques (CNRS), Paris, 23-32. [dune]
- Bagnold, R.A. 1953b. Discussion of Kampé de Fériet, *Actions éoliennes, phénomènes d'évaporation et d'hydrologie superficielle dans les régions arides, Colloques internationaux*, **35**, Centre nationale des Recherches scientifiques (CNRS), Paris, 101. [ripples sdmo]
- Bagnold, R.A. 1953c. The surface movement of blown sand in relation to meteorology, *Desert Research, Proceedings of the International Symposium*, May 7-14, 1952, *Special Publication*, **2**, Research Council of Israel, 89-93. [sdmo dune]
- Bagnold, R.A. 1954a. The physical aspects of dry deserts, in *Biology of deserts*, Ed. Cloudsley-Thompson, J.L., Institute of Biology, 7-12. [dune sdmo]
- Bagnold, R.A. 1954b. Experiments on a gravity-free dispersion of large solid spheres in a newtonian fluid under shear, *Proceedings of the Royal Society of London*, **A 225** (1160), 49-63. [sdmo also in Thorne Ed.]
- Bagnold, R.A. 1955. Some flume experiments on large grains but little denser than the transporting fluid, and their implications, *Proceedings of the Institute of Civil Engineers*, **4** (3), 174-205. [sdmo]
- Bagnold, R.A. 1956. The flow of cohesionless grains in fluids, *Philosophical Transactions of the Royal Society of London*, **A 249** (964), 235-297. [sdmo]
- Bagnold, R.A. 1960. The re-entrainment of settled dust, *International Journal of Air Pollution*, **2**, 357-363. [sdmo]
- Bagnold, R.A. 1962a. Saltation (air and water), in *Encyclopaedic dictionary of physics, Volume 6*, Ed. Thewlis, J., Pergamon, Oxford, 370-371. [sdmo]
- Bagnold, R.A. 1962b. Transport of sand by wind, in *Encyclopaedic dictionary of physics, Volume 7*, Ed. Thewlis, J., Pergamon, Oxford, 436-440. [sdmo]

- Bagnold, R.A. 1963. The mechanics of marine sedimentation, in *The sea*, **3**. *The earth beneath the sea*, Ed. Hill, M.N., John Wiley and Sons, New York, 507-528. [dunelog also in Thorne Ed.
- Bagnold, R.A. 1966a. *An approach to the sediment transport problem from general physics*, United States Geological Survey, Professional Paper, **422-I**, 37 pp. [sdmo also in Thorne Ed.
- Bagnold, R.A. 1966b. The shearing and dilation of dry sand and the 'singling mechanism', *Proceedings of the Royal Society of London*, **A 295** (1442), 219-232. [dune sdmo
- Bagnold, R.A. 1968. Deposition in the process of hydraulic transport, *Sedimentology*, **10** (1), 45-56. [sdmo
- Bagnold, R.A. 1971a. Response to the presentation of the 1970 Penrose medal (with citation by Luna B. Leopold), *Bulletin of the Geological Society of America*, **82** (1), xiii-xvii. [sdmo
- Bagnold, R.A. 1971b. Singing sands, in *Encyclopaedic dictionary of physics. Supplementary volume*, **4**, Ed. Thewlis, J., Pergamon, Oxford, 408-410.
- Bagnold, R.A. 1973. The nature of saltation of 'bed-load' transport in water, *Proceedings of the Royal Society of London*, **A 332** (1591), 473-504. [sdmo also in Thorne Ed.
- Bagnold, R.A. 1974. Fluid forces on a body in shear flow: experimental use of 'stationary flow', *Proceedings of the Royal Society of London*, **A 340** (1021), 147-171. [sdmo
- Bagnold, R.A. 1978. Wind-sand interaction (abstract), in *Planetary Geology Field Conference on Aeolian Processes*, Eds. Greeley, R. and Black, D., National Aeronautics and Space Administration (NASA), **TM-78455**, Washington DC, 8 pp. [sdmo
- Bagnold, R.A. 1979. Sediment transport by wind and water, *Nordic Hydrology*, **10**, 309-322. [sdmo
- Bagnold, R.A. 1985. Transport of granular solids by wind and water compared, *Proceedings of the International Workshop on the Physics of Blown Sand*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O.E., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 1-8. [sdmo
- Bagnold, R.A. 1988. Concluding remarks, in *The physics of sediment transport by wind and water: a collection of hallmark papers by R.A. Bagnold*, Eds. Thorne, C.R., MacArthur, R.C. and Bradley, J.B., American Society of Civil Engineers, New York, 352-353. [sdmo
- Bagnold, R.A. and Barndorff-Nielsen, O.E. 1980. The pattern of natural size distributions, *Sedimentology*, **27** (2), 199-207. [sand
- Bahr, M. 1939. Die Veränderungen der Helgoländer Düne und des umgebenden Seegebietes, *Jahrbuch Hafenbautechnische Gesellschaft-Jahrbuch*, **17**, 1-79. [codn
- Bailey, E.B. 1924. The desert shores of the chalk sea, *Geological Magazine*, **61**, 102-116. [dnbed
- Bailey, E.S. 1917. *The sand dunes of Indiana*, **, Chicago, 165 pp.[codn
- Bailey, F. 1887. Forest tour among the dunes of Gascony, *Transactions of the Scottish Arboricultural Society*, **11** (3), ** [stbnd dnveg codn
- Bailey, S.I. 1899. The sand dunes of the desert of Islay, Peru, *Annals of the Harvard University Astronomical Observatory*, **39**, 287-292.
- Bailey, S.I. 1907. Sand dunes in the Peruvian desert, *Geographical Journal*, **49** (1), 53-56.

- Baillieu, T.A. 1975. A reconnaissance survey of the cover sands of Botswana, *Journal of Sedimentary Petrology*, **45** (2), 494-503. [dune stbdn]
- Bairamov, S.B. 1962. The wind regime and dynamics of shifting sands in the Koturtep area (western Turkmenia), *Izvestiya Akademii Nauk, Turkmenskoi SSR, Seriya Biologia*, **1**, ** [dune]
- Bairamov, S. 1963. Influence of subsurface waters on the movement of sand (in Russian), *Izvestiya Akademii Nauk, Turkmenskoi SSR, Seriya Biologia*, **4**, ** [sdmo or Bajramov ??]
- Bairamov, S.B. 1971a. Study of deflation in sand deserts (in Russian), *Geomorfologiya*, **2**, 45-49. [sdmo wnerop or Bayramov ??]
- Bairamov, S.B. 1971b. Shifting sands in western Turkmenia and the struggle against them (in Russian), *Prirodnyye usloviya i podvizhnyye peski pustyn' (Desert natural conditions and shifting sands)*, Ylym, Ashkhabad, 141-148. [sdmo dune dnuse or Bayramov ??]
- Bairamov, S.B., Veiyessov, S.V., Senkevich, B.N., Arangel'diyev, A. and Ivanov, A.P. 1980. Recommendation on the protection of the industrial waters runoff basins against sand encroachment and dams blowing out, *Problemy Osvoeniya Pustin*, (6), 76-79. [dnuse or Bajramov ??]
- Baitulin, I.O. 1972. Depth of penetration of the roots of some edifactors in natural phytocenoses of the desert in the Alma-Ata oblast (in Russian), *Problems of Desert Development*, (5), 54-55. [dune abstract in Busche, *et al.* 1984 dnveg dnsol]
- Baker, H.W.Jr. 1976. Environmental sensitivity of submicroscopic surface textures on quartz sand grains - a statistical evaluation, *Journal of Sedimentary Petrology*, **46** (4), 871-880.
- Baker, V.R. 1981. The geomorphology of Mars, *Progress in Physical Geography*, **5**, 473-513. [dune]
- Bakker, J.P. 1976. Phytogeographical aspects of the vegetation of the outer dunes in the Atlantic province of Europe, *Journal of Biogeography*, **3** (1), 85-104. [dnveg]
- Bakker, K., *et al.*, Eds. 1974 *Meijendel duin - water - leven*, Baarn, Den Haag, 271 pp. [codn dnuse]
- Bakker, Th.W.M. 1981. *Nederlandse kustduinen: geohydrologie*, dissertation, Centre for Agricultural Publication and Documentation (Pudoc), Wageningen, 189 pp. [codn]
- Bakker, Th.W.M. 1986. Dunes of the Coto Doñana (in Dutch), *Duin*, **9** (4), 110-112. [codn]
- Bakker, Th.W.M. 1987. *Dunes from sand to landscape* (in Dutch), Pirola, Schoorl, 144 pp. [codn]
- Bakker, Th.W.M. and Doing, H. 1987. The Dutch coastal dunes (in Dutch), *Duin*, **10** (1-2), 34-41. [codn]
- Bakker, Th.W.M., Klijn, J.A. and van Zadelhoff, F.J. 1979. *Duinen en duinvalleien. Ein lanschapsecologische studie van het Nederlandse duingebied*, Centre for Agricultural Publication and Documentation (Pudoc), Wageningen, 201 pp. [codn]
- Bakker, Th.W.M., Klijn, J.A. and van Zadelhoff, F.J. 1981. *Nederlandse kustduinen - landschapsoecologie*, Centre for Agricultural Publication and Documentation (Pudoc), Wageningen, 144 pp. [codn]
- Bakker, W.T. 1968. A mathematical theory about sand waves and its application on the Dutch Wadden Isles of Vlieland, *Shore and Beach*, **36**, 4-14. [dunelog]
- Bakker, W.T. and Joustra, D.S. 1970. History of the Dutch coast in the last century, *Proceedings of the 12th Coastal Engineering Conference*, Washington, DC, **2**, 709-728. [codn]

Bakler, N., Denekamp, S. and Rohlich, V. 1972. Sandy units in the coastal plain of Israel: environmental interpretation using statistical analysis of grain-size data, *Israel Journal of Earth Science*, **21**, 155-178. [codn sand]

Bakulin, A.A. and Smirnov, A.V. 1971. Determination of the origin of sands on their particle-size distribution (in Russian), *Doklady, Akademii Nauk, USSR, Earth Science Section*, **197** (1-6), 192-195.

Baldwin, K.A. and Maun, M.A. 1983. Microenvironments of Lake Huron sand dunes, *Canadian Journal of Botany*, **61**, 241-255. [codn dnveg]

Balcer, S. 1977. Destruction of dunes by touristical activity in Middle Pomerania (in Polish), *Jantarowe Szlaki*, (4), 6-8. [dnuse]

Balcer, S. 1978. Dunes - natural protection of the marine coast against abrasion (in Polish), *Chronmy Przyrode Oczysta*, **5**, 46-52. [dnuse]

Ball, D.F. and Williams, W.M. 1974. Soil development on coastal dunes at Holkham, Norfolk, *Transactions of the, 10th International Congress of Soil Science*, **VI (II)**, Moscow, 380-386. [dnsol codn]

Ball, J. 1899/1890. *Kharga Oasis: its topography and geology*, Geological Survey Report, Survey Department, Government Printer, Cairo, 116 pp. [Egyptol A 20 dune]

Ball, J. 1927. Problems of the Libyan Desert, *Geographical Journal*, **70** (1), 21-38, (2), 105-128, (3), 209-224. [dune abstract in Busche *et al.*, 1984 annexe]

Ball, M.M. 1967. Carbonate sand bodies of Florida and the Bahamas, *Journal of Sedimentary Petrology*, **37** (2), 556-591. [codn]

Ball, M.M., Shinn, E.A. and Stockman, K. 1967. Geologic effects of Hurricane Donna in south Florida, *Journal of Geology*, **75** (5), 583-597. [codn dnbed]

Ballais, J.-L. 1982. Les critères de reconnaissance des phases arides quaternaires du Maghreb: l'exemple des Aurès, Algérie, *Bulletin de l'Association de Géographes français*, **59** (483-484), 45-47. [dune abstract in Busche *et al.*, 1984]

Ballais, J.-L., Marre, A. and Rognon, P. 1979. Périodes arides du quaternaire récent et déplacement des sables éoliens dans les zibars, Algérie, *Revue de Géographie physique et Géologie dynamique*, **21** (2), 97-108. [dune abstract in Busche *et al.*, 1984]

Ballantyne, C.K. and Whittington, G. 1987. Niveo-aeolian sand deposits on An Teallach, Wester Ross, Scotland, *Philosophical Transactions of the Royal Society of Edinburgh: Earth Sciences*, **78**, 51-63. [dune]

Ban, A., Braescu, E. and Gafenou, Z. 1964. The importance of fluvial and aeolian processes in forming the relief of the Danube Valley, *20th International Geographical Congress*, London, *Abstracts of Papers*, 86. [dune]

Ban, A. and Dobrotescu, Z. 1972. Eolian forms in loess deposits on the Danube Terrace in the west of the Oltenian plain, *Contributions roumaine au 22^e Congrès international de Géographie, Revue roumaine de Géologie, Géophysie et Géographie, Série de Géographie*, **16** (1), 43-49. [dune]

Banks, N.L. and Collinson, J.D. 1975. The size and shape of small-scale current ripples: and experimental study using medium sand, *Sedimentology*, **22** (4), 583-599. [dunelog]

Bannier, A. 1933. Von den Pflanzengebieten des Stolper Landes, *Unser Pommerland*, **18**, 7-12. [codn]

- Banoub, E.F. 1970. Sandstorms and duststorms in UAR, *Technical Note*, **1**, United Arab Republic, Meteorological Department, 35 pp. [sdmo wind abstract in Busche *et al.*, 1984 annexe]
- Barbeau, J. 1961. Morphologie du quaternaire des abords orientaux du Lac Tchad, *Bulletin de l'Institut equatorial de Recherche géologique et minière*, **14**, 73-82. [stbdn]
- Barbey, C. 1969. Note sur la figuration à petit échelle des régions sableuse de l'ouest africain, *Bulletin de l'Institut fondamental de l'Afrique noire*, **A 31** (2), 711-738. [dnsol stbdn]
- Barbey, C. 1971. Observations géomorphologique en Mauritanie occidentale, *Bulletin de l'Institut fondamental de l'Afrique noire*, **A 33** (2), 267-276. [dune abstract in Busche *et al.*, 1984]
- Barbey, C. 1982. *Les ergs du sud-ouest de la Mauritanie et du nord du Sénégal*, Thèse, Paris 7, 2 tomes, 454 pp. [dune stbdn]
- Barbey, C. and Carbonnel, J.-P. 1972a. Le ravinement dunaire en milieu sahélien. Observations lors de pluies récents dans la région de Nouakchott, *Comptes rendus de l'Académie des Sciences, Paris*, **274 D** (2), 2933-2935. [stbdn]
- Barbey, C. and Carbonnel, J.-P. 1972b. Découverte de sépultures néolithiques dans le complexe dunaire du Draa Malachigdane (Mauritanie), *Notes africaines*, **, 108-111. [dune]
- Barbey, C., Carbonnel, J.P., Duplaix, S., Le Ribault, L. and Tourenq, J. 1975. Etude sédimentologique de formations dunaires en Mauritanie occidentale, *Bulletin de l'Institut fondamental de l'Afrique noire*, **A 37** (2), 255-281. [sand RGS 438 X A-E abstract in Busche *et al.*, 1984]
- Barbey, C., Carbonnel, J.P., Le Ribault, L. and Tourenq, J. 1974. Mise en évidence par exoscopie des quartz de plusieurs épisodes éoliens au cours du Quaternaire mauritanéen, *Comptes rendus des Séances de l'Académie des Sciences, Paris*, **D 278** (9), 1163-1166. [sand]
- Barbey, C. and Chamard, P. 1970. Contribution à l'étude pétrologique des sables de presqu'île du Cap-Vert, *Bulletin de l'Institut fondamental de l'Afrique noire*, **A 32** (3), 569-584. [sand]
- Barbey, C. and Couté, A. 1976. Croûtes à cyanophycères sur les dunes du Sahel mauritanéen, *Bulletin de l'Institut fondamental de l'Afrique noire*, **A 38** (4), 732-736. [RGS 438 X A-C]
- Barbey, C. and Guitat, R. 1968. Formation de dunes vives aux environs de Dakar, *Notes africaines*, (Sénégal), **119**, 88-90. [codn ?]
- Barbour, M.G., de Jong, T.M. and Johnson, A.F. 1976. Sociology of beach vegetation along the Pacific coast of the United States of America: a first approximation, *Journal of Biogeography*, **3** (1), 55-69. [dnveg codn]
- Barbour, M.G., de Jong, T.M. and Pavlik, B.M. 1985. Marine beach and dune plant communities, in *Physiological ecology of North American plant communities*, Eds. Chabot, B.F. and Mooney, H.A., Chapman and Hall, New York, 296-322. [dnveg codn]
- Barclay, W.S. 1917. Sand dunes in the Peruvian Desert, *Geographical Journal*, **49** (1), 53-56. [abstract in Busche *et al.*, 1984 annexe]
- Barendregt, A. 1982. The coastal heathland vegetation of the Netherlands and notes on inland *Empetrum* heathlands, *Phytocoenologia*, **10**, 425-462. [codn dnveg]
- Bariss, N. 1967. Effects of source relations upon loess topography, (abstract), *Proceedings of the Nebraska Academy of Sciences*, **78**, 35. [dune]
- Barnard, W.S. 1973. Duinformasies in die Sentrale Namib, *Tegnikon*, 2-13. [dune]

- Barnard, W.S. 1975. Geomorphologiese prosesse en die mens: die geval van die Kuisebdelta, Suidwes Afrika, *Acta Geographica*, **2**, 20-43. [dune]
- Barndorff-Nielsen, O.E. 1977. Exponentially decreasing distributions for the logarithm of particle size, *Proceedings of the Royal Society of London*, **A 353** (1674), 401-419. [sand]
- Barndorff-Nielsen, O.E. 1979. Models for non-Gaussian variation with application to turbulence, *Proceedings of the Royal Society of London*, **A 368** (1735), 501-530. [sand]
- Barndorff-Nielsen, O.E. 1986. Sand, wind and statistics: some recent investigations, *Acta Mechanica*, **64** (1-2), 1-18. [sdmo]
- Barndorff-Nielsen, O.E. 1989a. Sorting, texture and structure, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 167-179. [sdmo]
- Barndorff-Nielsen, O.E. 1989b. *Aeolian erosion on a gently sloping sand formation*, *Research Report*, **175**, Department of Theoretical Physics, University of Aarhus, ** [sdmo]
- Barndorff-Nielsen, O.E. and Blaesild, P. 1981. Log-hyperbolic distributions and ramifications: contributions to theory and applications, in *Statistical distributions in scientific work*, Eds. Taillic, C., Patil, G.P. and Baldessari, B.A., Reidel, Dordrecht, 19-44. [sand]
- Barndorff-Nielsen, O.E. and Blaesild, P. 1983. Log-hyperbolic distributions, *Encyclopaedia of Statistical Sciences*, **3**, John Wiley and Sons, New York, 700-707. [sand]
- Barndorff-Nielsen, O.E., Blaesild, P., Jensen, J.L. and Sørensen, M. 1983. The fascination of sand, with three appendices by R.A.Bagnold in *A celebration of statistics*, Eds. Atkinson, A.C. and Fienberg, S.E., Centenary Volume of the ISI, Springer-Verlag, Berlin, 57-87.
- Barndorff-Nielsen, O.E. and Christiansen, C. 1985. *The hyperbolic shape triangle and classification of sand sediments*, *Memoirs*, **8**, Department of Theoretical Physics, University of Aarhus, 649-676.
- Barndorff-Nielsen, O.E. and Christiansen, C. 1986. *Erosion, deposition and size-distributions of sand*, *Research Report*, **149**, Department of Theoretical Physics, University of Aarhus, **
- Barndorff-Nielsen, O.E. and Christiansen, C. 1988. Erosion, deposition and size distributions of sand, *Proceedings of the Royal Society of London*, **A 417** (1835), 335-352.
- Barndorff-Nielsen, O.E., Dalsgaard, K., Halgren, C., Kuhlman, G., Møller, J.-T. and Schon, G. 1982a. *Variations in particle size over a small dune*, *Research Report*, **5**, Department of Theoretical Statistics, Aarhus University, ** [sand]
- Barndorff-Nielsen, O.E., Dalsgaard, K., Halgren, C., Kuhlman, G., Møller, J.-T. and Schon, G. 1982b. Variations in particle size over a small dune, *Sedimentology*, **29** (1), 53-65. [sand abstract in Busche *et al.* 1984]
- Barndorff-Nielsen, O.E. and Darroch, J.N. 1981. A stochastic model for sand sorting in a wind-tunnel, *Advances in Applied Probability*, **13** (2), 282-297. [sdmo]
- Barndorff-Nielsen, O.E., Jensen, J.L., Nielsen, H.L., Rasmussen, K.R. and Sørensen, M. 1985. Wind-tunnel tracer studies of grain processes, *Proceedings of the International Workshop on the Physics of Blown Sand*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O.E., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 243-252. [sdmo sand]

- Barndorff-Nielsen, O.E., Jensen, J.L., Nielsen, H.L., Rasmussen, K.R. and Sørensen, M. 1986. *Sand transport studies in a wind tunnel using radioactive grains. Report on a pilot experiment, Research Report, 140*, Department of Theoretical Statistics, University of Aarhus, ** [sdmo]
- Barndorff-Nielsen, O.E., Jensen, J.L. and Sørensen, M. 1981. *On the relation between size and distance travelled for wind-driven sand grains - results and discussion of a pilot experiment using coloured sand, Research Reports, 24*, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, also in *Mechanics of sediment transport*, Eds. Sumer, B.M. and Muller, A., *Proceedings of Euromech, 156*, 55-64. [sand date ??]
- Barndorff-Nielsen, O.E., Jensen, J.L. and Sørensen, M. 1983. On the relation between size and distance travelled for wind-driven sand grains - results and discussion of a pilot experiment using coloured sand, in *Mechanics of sediment transport*, Eds. Sumer, B.M. and Muller, A., *Proceedings of Euromech, 156*, Balkema, Rotterdam, 55-64. [sdmo]
- Barndorff-Nielsen, O.E., Ledet, J.J. and Sørensen, M. 1981. *The relation between size and distance travelled for wind-driven sand grains - results and discussion of a pilot experiment using coloured sand, Research Report, 74*, Department of Theoretical Statistics, University of Aarhus, ** [sdmo]
- Barndorff-Nielsen, O.E., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., Eds. 1985. *Proceedings of the international workshop on the physics of blown sand, Memoir, 8*, Department of Theoretical Physics, Institute of Mathematics, University of Aarhus, 3 volumes, 693 pp. [sdmo]
- Barnes, F.A. and King, C.A.M. 1953. The storm floods of 1 February 1953. II. The Lincolnshire coastline and the 1953 storm flood, *Geography, 38* (181), 141-160. [codn]
- Barnes, F.A. and King, C.A.M. 1957. The spit at Gibraltar Point, Lincolnshire, *East Midlands Geographer, 8*, 22-23. [codn]
- Barr, D.A. 1965. Restoration of coastal dunes after beach mining, *Journal of the Soil Conservation Service of New South Wales, 21*, 199-209. [codn dnuse]
- Barr, D.A. 1966. Jute-mesh dune-forming fences, *Journal of the Soil Conservation Service of New South Wales, 22*, 123-129. [codn dnuse]
- Barr, D.A. 1972. Progress in coastal sand dune reclamation in Queensland, *Proceedings of the 6th International Biometeorological Congress, *** [codn dnuse]
- Barr, D.A. 1981. The management of coastal sand dunes in Queensland, *5th Australian Conference on Coastal and Ocean Engineering*, Perth, 155-156. [codn dnuse abstract in Busche *et al.*, 1984]
- Barr, D.A. and Atkinson, W.J. 1970. Stabilization of coastal sands after mining, *Journal of the Soil Conservation Service of New South Wales, 26*, 89-105. [dnuse codn]
- Barr, D.A. and Golinski, K.D. 1969. Marram grass, mulch and bitumen - a successful trial, *Journal of the Soil Conservation Service of New South Wales, 25*, 251-257. [codn dnuse]
- Barr, D.A. and McKenzie, J.B. 1976. Dune stabilization in Queensland, Australia, using vegetation and mulches, *International Journal of Biometeorology, 20* (1), 1-8. [codn dnuse abstract in Busche *et al.*, 1984]
- Barr, D.A. and McKenzie, J.B. 1977. Progress in coastal and sand dune stabilization and management experiments on South Stradbroke Island, Queensland, *3rd Australian Conference on Coastal and Ocean Engineering*, Melbourne, 207-213. [codn dnuse]

- Barr, D.A. and McKenzie, J.B. 1981. The establishment of vegetation on coastal sand dunes using mulches, *2nd Australian Conference on Coastal and Ocean Engineering*, Queensland, 75-84. [codn dnuse or 1975 ?? abstract in Busche *et al.*, 1984
- Barr, D.A. and Watt, B.G. 1969. Pedestrian access to beaches, *Journal of the Soil Conservation Service of New South Wales*, **25**, 286-294. [codn dnuse abstract in Busche *et al.*, 1984
- Barratt, B.C. 1962. Soil organic régime of coastal sand dunes, *Nature*, **196** (4657), 835-837. [codn dnsol
- Barrère, P. 1984. La dynamique des sables dunaires aux environs de Nouakchott (Mauritanie), *Travaux du Laboratoire de Géographie Physique Appliquée*, Université de Bordeaux, **8.8**, 23-57. [dune dnuse
- Barrère, P. 1986. *Memento technique des dunes du littoral aquitain*, Office national des Forêts, Bordeaux, 25 pp. [codn (Mauritanie), *Travaux du Laboratoire de Géographie Physique Appliquée*, Université de Bordeaux, **8.8**, 23-57. [dune dnuse
- Barrère, P. and Koechlin, J. 1980. Evolution des rivages et du cordon dunaire littoral entre la Pointe de Grave et l'embouchure, *Travaux du Laboratoire de Géographie physique appliqué*, **4**, 32-60. [codn
- Barrère, P., Marchand, J.P. and Koechlin, J. 1980. *Typologie des dunes littorales des Landes de Gascogne*, **, Bordeaux, 15 pp. [codn
- Barrell, J. 1906. Studies for students: Relative geological importance of continental, littoral and marine sediments, *Journal of Geology*, **19**, 216-356; 430-457; 524-568. [dnbed **something wrong**
- Barrell, J. 1908. Relations between climate and terrestrial deposits, *Journal of Geology*, **16** (2), 159-190; (3), 255-295; (4), 363-384. [dnbed vol no ??
- Barrett, P.J. 1980. The shape of rock particles, a critical review, *Sedimentology*, **27** (3), 291-303. [sand
- Barret, W.H. 1930. The grading of dune sand by wind, *Geological Magazine*, **67** (4), 159-162.
- Bart, H.A. 1977. Sedimentology of cross-stratified sandstones in the Arikaree Group, Miocene, southeastern Wyoming, *Sedimentary Geology*, **19**, 165-184. [dnbed
- Barth, H.K. 1978. Ausmaß und Auswirkungen des Bodenabtrags als Folge kulturtechnischer Maßnahmen im Niger-Binnendelta malis, *Zeitschrift für Geomorphologie, Supplement Band*, **30**, 39-54. [dune stbdn dnuse abstract in Busche *et al.* 1984
- Barth, H.K. 1981. Accelerated erosion of fossil dunes in the Gourma region (Mali) as a manifestation of desertification, in *Aridic soils and geomorphic processes*, Ed. Yaalon, D.H., *Catena Supplement*, **1**, 211-219. [stbdn
- Bartowski, T. 1973. Relief linéaire de rampart metacarpathique en tant que témoin des cycles éoliens dans l'évolution du relief, *Biuletyn Peryglacjalny*, **23**, 167-200. [dune
- Barwis, J.H. and Tankard, A.J. 1983. Pleistocene shoreline deposition and sea-level history at Swartklip, South Africa, *Journal of Sedimentary Petrology*, **53** (4), 1281-1294. [codn ?
- Baschin: see von Baschin
- Bassett, J.A. and Curtis, T.G. 1985. The nature and occurrence of sand-dune machair in Ireland, *Proceedings of the Royal Irish Academy*, **B 85** (1), 1-17. [codn dnveg
- Bassett, J.R. and McDaniel, A.R. 1967. Trafficability of four loess soils, *Proceedings of the Soil Science Society of America*, **31** (1), 115-117. [dnuse

- Batanouny, K.H. 1964. Sand dune vegetation of El Arish area, *Bulletin of the Faculty of Science*, University of Cairo, **39**, 11-23. [dune codn negev abstract in Busche *et al.* 1984]
- Batanouny, K.H. 1973. Habitat features and vegetation of deserts and semi-deserts, *Vegetatio*, **27** (4-6), 181-199. [dveg dune abstract in Busche *et al.* 1984]
- Batanouny, K.H. and Batanouny, M.H. 1968. Formation of phytogenetic hillocks. I. Plants forming phytogenetic hillocks, *Acta Bot. Acad. Sci. Hung.*, **14**, 243-252. [dune dnveg]
- Batianoff, G.N. and McDonald, T.J. 1980. *Capricorn coast sand dune and headland vegetation*, *Technical Bulletin*, **6**, Queensland Department of Primary Industries, Botanical Branch, Brisbane, 71 pp. [dnveg]
- Baudessin, A. 1865. *Bericht über die Dünen der Insel Sylt*, **, Flensburg, ** [codn]
- Baudière, A. and Simonneau, P. 1975a. Les dunes basses à *Spartina vesicolor* du Grau de la Vielle Nouvelle, in *Colloques phytosociologiques*, **1**, *La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 107-115. [codn abstract in Busche *et al.* 1984]
- Baudière, A. and Simonneau, P. 1975b. Influence des vents dans l'édification du modelé dunaire sur le cordon littoral roussillonnais au sud de la vallée de la Têt, in *Colloques phytosociologiques*, **1**, *La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 225-235. [codn abstract in Busche *et al.* 1984]
- Baudoin, M. 1912. Données stratigraphiques fournis par les dunes sur les côtes de Vendée, leur importance en préhistoire et en géographie historique, *Bulletin de la Société des Sciences naturelles de l'Ouest*, (3), **2**, 55-90. [codn]
- Bauer, B.O. and Sherman, D.J. 1989. Aeolian transport across a beach and dune: measurement and prediction, (abstract), *2nd International Congress of Geomorphology*, Frankfurt, **, 21. [sdmo codn]
- Baumer, M.C. and Ben Salem, B. 1980. Role of forestry in the control of desertification: sand dune stabilization, shelterbelts and afforestation in dry zones, *Conservation Guide*, **10**, Food and Agriculture Organisation of the United Nations, Rome, 9-15. [dnuse]
- Bawden, M.G. and Stobbs, A.R. 1963. *The land resources of eastern Bechuanaland*, Directorate of Overseas Surveys, Forestry and Land Use Section, London, 93 pp. [dune stbdn]
- Bayard, Lt. 1947. Aspects principaux et consistance des dunes (Mauritanie), *Bulletin de l'Institut français de l'Afrique noire*, **9**, 1-17. [notes hard tops on barchans]
- Bayrock, L.A. and Hughes, G.M. 1962. *Surficial geology of the Edmonton District, preliminary report*, **62-6**, **, 93 pp. [dune or 40 pp. ??]
- Bazaraa, M.A. 1984. *A report forwarded to the seminar of stabilizing sand dunes and desertification control*, Agricultural Research Centre, Ministry of Agriculture, Aden, Yemen, 25 pp. [dnuse]
- Beadnell, H.J.L. 1909a. Desert sand dunes, *Cairo Scientific Journal*, **3**, 171-172.
- Beadnell, H.J.L. 1909b. *An Egyptian oasis: an account of the Oasis of Kharga in the Libyan Desert*, Murray, London, 248 pp. [dune abstract in Busche *et al.*, 1984 annexe]
- Beadnell, H.J.L. 1910. The sand dunes of the Libyan Desert, *Geographical Journal*, **35** (4), 379-395. [brief abstract in Busche *et al.*, 1984 annexe see also Chudeau 1911]
- Beadnell, H.J.L. 1934. Libyan desert dunes, *Geographical Journal*, **84** (4), 337-340.

- Beal, M.A. and Shepard, F.P. 1956. A use of roundness for determining depositional environments, *Journal of Sedimentary Petrology*, **26** (1), 49-60. [sand]
- Beard, D.C. and Weyl, P.K. 1973. Influence of texture on porosity and permeability of unconsolidated sand, *Bulletin of the American Association of Petroleum Geologists*, **57** (2), 349-369. [dnbed]
- Beard, J.S. 1969. Drought effects in the Gibson Desert, *Journal and Proceedings of the Royal Society of Western Australia*, **51** (2), 39-50. [dveg abstract in Busche *et al.* 1984 dnveg]
- Beard, J.S. 1983. Late Pleistocene aridity and aeolian landforms in Western Australia, in *Evolution of the flora and fauna of arid Australia*, Eds. Barker, W.R., *et al.*, Peacock, Frewville, Australia, 101-106. [dune]
- Bearden, B.L., Hummel, R.L. and Mink, R.M. 1989. Geomorphology of coastal sand dunes, Baldwin County, Alabama, *Proceedings of the Coastal Zone Conference 1989*, **2**, 1038-1050. [codn]
- Beasley, A.W. 1947. Heavy mineral beach sands of south Queensland. Part 1, *Proceedings of the Royal Society of Queensland*, **59**, 109-140. [codn]
- Beater, B.E. 1940a. Chemical composition of some Natal coastal dolomites and their alteration products, *Soil Science*, **64** (1), 58-96 [dnsol codn]
- Beater, B.E. 1940b. Concretions and some refractory deposits in some Natal coastal soils, *Soil Science*, **50**, 313-329. [dnsol codn]
- Beaudet, G., Michel, P., Nahon, D., Oliva, P., Riser, J. and Ruellan, A. 1976. Formes, formations superficielles et variations climatiques récentes du Sahara occidental, *Revue de Géographie physique et Géologie dynamique*, **18** (2-3), 157-174. [dune?]
- Beaurain, G. 1891. Formation du littoral des Landes, *Revue de Géographie*, **28**, 254-265. [codn]
- Becher, A. 1944. Natural snow fences along roads, *Bautechnik*, **22**, 37-42. [sdmo dnuse]
- Beckwith, F. 1951. Fighting moving sand dunes in Utah, *Rocks and Minerals*, **26**, 592-594. [dnuse]
- Beefink, W.G. Rozema, J. and Huiskes, A.H.E., Eds. 1985. Ecology of coastal vegetation, *Vegetatio*, **61-62**, 545 pp. [codn dnveg coeditors not given also Beefink, W.G. Rozema, J. and Huiskes, A.H.E., Eds. *Ecology of coastal vegetation*, Junk, Dordrecht, *Advances in Vegetation Science*, **6**, 545 pp.]
- Beheiry, S.A. 1967. Sand forms in the Coachella valley, southern California, *Annals of the Association of American Geographers*, **57** (1), 25-48. [ripple dune]
- Behrens, F. 1908. Das grosse Inlandsdünengebiet im Zwischenstromlande, *W.Aus d.Posen. Lande*, **3**, 65-66; 87-89. [stbdn]
- Beier, J.A. 1986. Vadose diagenesis of Quaternary eolianite sequences, San Salvador Island, Bahamas, *Bulletin of the American Association of Petroleum Geologists*, **70** (5), 563. [codn dsol]
- Beier, J.A. 1987. Petrographic and geochemical analysis of caliche profiles in a Bahamian Pleistocene dune, *Sedimentology*, **34** (6), 991-998. [codn dsol]
- Bejjani, M.-C. 1975. *Etude des perturbations synoptiques sahariennes associées à un soulèvement de sable: mise en évidence du rôle radiatif de ce sable*, Thèse universitaire, Paris IV, 131 pp. [sdmo dust]
- Belcher, D., Veverka, J. and Sagan, C. 1971. Mariner photography of Mars and aerial photography of Earth: some analogies, *Icarus*, **15** (2), 241-252. [dune]

- Belderson, R.H. and Kenyon, N.H. 1969. Direct illustration of one-way sand transport by tidal currents, *Journal of Sedimentary Petrology*, **39** (3), 1249-1250. [dunelog]
- Belderson, R.H. and Stride, A.H. 1969. Tidal currents and sand-wave profiles in the northeastern Irish Sea, *Nature*, **222** (5188), 74-5. [dunelog]
- Bel'gibayev, M.Y. 1975. Eolian accumulation microrelief of deflation soils, *Geomorfologiya*, **1**, 56-61. [dune]
- Belknap, D.F. and Kraft, J.C. 1981. Preservation potential of transgressive coastal lithostones on the US Atlantic coast, *Marine Geology*, **42**, 429-442. [codn]
- Belknap, R.L. 1928. *Some Greenland sand dunes*, *Papers*, **10**, Michigan Academy of Science, Arts and Letters, 198 pp.
- Belknap, R.L. 1941. Physiographic studies in the Holstenborg district of southern Greenland, *University of Michigan, Studies, Science Series*, **6**, 199-255. [dune?]
- Bellair, P. 1938a. Observations sur les dunes sahariennes, *Comptes rendus de la Société géologique de la France*, (9-10), 160-162.
- Bellair, P. 1938b. Les éléments lourds dans les sables désertiques, *Comptes rendus de l'Académie des Sciences, Paris*, **207**, 1054-1055. [sand]
- Bellair, P. 1939. Sur la composition minéralogique des sables du Grand Erg Occidental, *Comptes rendus de la Société géologique de France*, **14**, 212-213. [sand]
- Bellair, P. 1940a. Les sables de la dorsale saharienne et du bassin de l'Oued Rhir, *Bulletin du Service de la Carte géologique d'Algérie, Série 5^e, Pétrographie*, **5**, 1-80. [sand or ser 3 ??]
- Bellair, P. 1940b. Les sables du Souf (Algérie), *Bulletin et Comptes rendus sommaires de la Société géologique de France, Série 5*, **10** (7), 75-77. [sand dune or 15 ??]
- Bellair, P. 1941. Etude granulométrique de quelques formations arenaces du Gourara et la Saoura, *Bulletin de la Société d'Histoire naturelle de l'Afrique du Nord*, **32** (5-7), 191-196. [sand]
- Bellair, P. 1943. Les éléments lourds de quelques sables sahariennes, *Bulletin de la Société d'Histoire naturelle de l'Afrique du Nord*, **34** (7-8-9), 208-212. [sand]
- Bellair, P. 1945. Les éléments lourds dans les sables de l'Erg d'Oubari, *Comptes rendus des Séances de la Société géologique de France*, 23, avril, Série 5, **5** (8), 95-96. [sand]
- Bellair, P. 1949. Le Quaternaire du Tejerhi (Fezzan), *Publication Scientifique*, **1**, Institut des Hautes Etudes de Tunis, 9-16. [dune or: *Comptes rendus de la Société géologique de France*, (9-10) 160-162. or 1953 ??]
- Bellair, P. 1951. Les Ramla des Douada (Fezzan), *Travaux de l'Institut de Recherche saharienne*, **7**, 69-85. [dune]
- Bellair, P. 1953. Sables désertiques et morphologie éolienne, *Proceedings of the, 19th International Geological Congress*, Algiers, Section **8**, Fasc., **7**, 113-118. [sand dune]
- Bellair, P. 1953. Diagramme minéralogique du Grand Erg oriental d'El Oued à Ghadames, *Comptes rendus de la Société géologique de France*, **6**, 100-101. [sand]

- Bellair, P. and Jauzein, A. 1952. Les derniers renéances humides dans le Grand Erg Oriental, *Bulletin de la Société des Sciences naturelles de Tunisie*, **5**, 176-180. [abstract in *Travaux de l'Institut de Recherches sahariennes*, **9**, 218. [dune
- Belly, P.-Y. 1962. *Sand movement by wind*, *Technical Memorandum*, **1**, United States Army Coastal Engineering Research Center, Fort Belvoir, VA, 79 pp. [sdmo or Wave Research Projects, Hydraulic Engineering Laboratory, University of California, Berkeley, CA, ** or 1964 of 85 pp. available from United States Army Coastal Engineering Research Center, 5201, Little Falls Road, NW, Washington, DC, 20016. ?? abstract in Busche *et al.* 1984
- Belsky, A.J. and Amundson, R.G. 1986. Sixty years of successional history behind a moving sand dune near Olduvai Gorge, Tanzania, *Biotropica*, **18** (3), 231-235. [dnveg
- Ben Aissa, J. 1962. *Comparison entre la fixation et le reboisement des dunes calcaires et des dunes non-calcaires de Tunisie*, Ecole nationale des Eaux et Forêts, Nancy, Roneo, 40 pp. [dnuse
- Benazzouz, M.T. 1987. A comparative study of the lunettes in the Tarf and Hodna basins (Algeria), in *International geomorphology 1986*, Ed. Gardiner, V., *Proceedings of the, 1st International Conference, II*, John Wiley and Sons, Chichester, 1217-1229. [dune
- Benedict, M. and Godfrey, P.J. 1981. Adaptation of *Spartina patens* (salt meadow cord grass) to the micro-habitats of upper intertidal and supratidal regions on a new England barrier beach, *9th International Congress of Sedimentology, Abstracts*, Osnabrück, 190-191. [dnveg
- Bender, F. 1975. *Geology of the Arabian Peninsula*, *United States Geological Survey, Professional Paper*, **560-I**, 36 pp. [dune
- Bender, G.L., Ed. 1982. *Reference handbook on the deserts of North America*, Greenwood, London, 594 pp. [geog qtos ta 20 dune abstract in Busche *et al.* 1984
- Benedict, P.C., Bondurant, J.E., McKee, J.E., Miller, C., Smallshaw, J. and Vanoni, V.A. (Task Committee on Preparation of Sedimentation Manual) 1965. Sediment transportation mechanics: wind erosion and transportation: progress report, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **91** (HY2), 267-287. [sdmo abstract in Busche *et al.* 1984
- Benjamin, T.B. 1959. Shearing flow over a wavy boundary, *Journal of Fluid Mechanics*, **6** (2), 161-205. [dunelog
- Bennett, J.G. 1980. Aeolian deposition and soil parent materials in northern Nigeria, *Geoderma*, **24**, 241-255. [dune stbdn dnsol
- Ben Salem, B. 1982. *Manual of dune fixation and forestry in Somalia* (in Somali), Xamar, Mogadishu, ... [dnuse
- Ben Salem, B. and Eren, T.M. 1982. Forestry in a sandy world, *UnasyIva*, **34**, 8-12. [dnuse abstract in Busche *et al.* 1984
- Bense, Cl. 1961. *Les formations sédimentaires de la Mauritanie méridionale et du Mali nord-occidental (Afrique de l'Ouest)*, *Mémoires*, **26**, Bureau de Recherche géologique et minières (BRGM), Orléans, 270 pp. [stbdn dune
- Berg, N.H. 1983. Field evaluation of some sand transport models, *Earth Surface Processes and Landforms*, **8** (2), 101-114. [sdmo abstract in Busche *et al.*, 1984 annexe
- Berg, P.J. and Smithies, C.W. 1973. Subsurface sowing of yellow lupin for economical and rapid sand dune stabilization at Woodhill Forest, *New Zealand Journal of Forestry*, **18** (2), 285-293. [dnuse dnveg

- Berghaus, A. 1880. Das Dünengebiet längs der Ostsee im Stettiner Regierungsbezirk, *Ausland*, **53**, 693-695. [codn]
- Bergqvist, E. 1981. *Svenska inlandsdyner. Översikt och förslag till dynreservat (with English Summary - Ancient Inland Dunes in Sweden: Survey and Proposals for Dune Reserves)*, Naturgeografiska Institutionen, Uppsala Universitet, 109 pp. [stbdn abstract in Niessen, *et al.* 1984]
- Bergqvist, E. and Lindström, E. 1971. Bevis på subrecent eolisk aktivitet på Brattforshedens inlandsdyner, *Geologiska Föreningen i Stockholms Förhandlingar*, **93**, 782-785. [evidence of subrecent aeolian activity in the inland dunes at .. abstract in Niessen, *et al.* 1984 stbdn]
- Bergqvist, S.G. 1936. The Grand Sable dunes on Lake Superior, Alger County, Michigan, *Proceedings of the Michigan Academy of Sciences*, **21**, 429-438. [codn]
- Bergsø, A.F. 1837. *Geheime Stats-Minister Greve Christian Ditlev Frederick Reventlovs Virksomhed*, ** København, ** [dnuse codn]
- Bergström, R. and Skarpe, C. 1986. Characteristics of the Kalahari sand in western Botswana, *Meddelanden från Vaxtiologiska Institutionen*, **3**, Uppsala University, ** [stbdn]
- Berkofsky, L. 1986b. Problem of wind erosion arising in a mesoscale prediction model (MS), in *Short and medium range numerical weather prediction*, WMO/IUGG, NWP Symposium, Tokyo, August 4-8, ** [wnerop]
- Berkstresser, C.F. 1974. Tallest (?) sand dune in California, *California Geology*, **27**, 187.
- Berlin, G.L. 1984. Applications of SIR-B data for groundwater exploration in the Arabia Shield and sand-drift monitoring in the An Nafud and Al Jufurah fringe areas, Kingdom of Saudi Arabia, in *The SIR-B science investigation plan, Jet Propulsion Publication*, **84-3**, National Aeronautics and Space Administration (NASA), Pasadena, CA, 56-66. [dune]
- Berlin, G.L., Tarabzouni, K.M.S. and Al-Nasr, A. 1985. SIR-A and Landsat MSS observations on eolian sand deposits on the Al Labbah Plateau, Saudi Arabia, *Proceedings of the, 19th Nineteenth International Symposium on Remote Sensing of Environment*, Environment Research Institute of Michigan, Ann Arbor, Michigan, **1**, 311-321. [dune]
- Berlin, G.L., Tarabzouni, K.M., Al-Nasr, A., Sheikho, K.M. and Larson, R.W. 1986. SIR-B subsurface imaging of a sand-buried landscape: Al-Labbah Plateau, Saudi Arabia, *Transactions of the IEEE Geoscience and Remote Sensing*, **GE-24**, 595-602. [dune]
- Berlin, G.L., Tarabzouni, K.M., Sheikho, K.M. and Al-Nasr, A.H. 1985. SIR-A and Landsat MSS observations of eolian sand deposits on the Al-Labbah Plateau, Saudi Arabia, *Proceedings of the International Symposium on Remote Sensing of Environment*, **19, I**, 311-321. [dune]
- Berner, R.S. 1969. Goethite stability and the origin of red beds, *Geochimica et Cosmochimica Acta*, **33** (2), 267-273. [dnbed dnsol]
- Bernt, W. 1929. Die Dünen der Halbinsel Eiderstedt (Schleswig), *Jahrbuch der preußischen geologischen Landesanstalt*, **50** 2 659-701. [codn]
- Bert, S. 1900. *Notes sur les dunes de Gascogne*, Imprimerie National, Paris, ** [codn dnuse]
- Berthois, L. 1954. Granulométrie de sédiments dans les rides marines et fluviales, *Revue de Géomorphologie dynamique*, **5**, 168-177. [dunelog]
- Bertin, E. 1964. Compte rendu d'une mission pour l'étude des phénomènes ondulatoires dans le sable au Sahara, *Travaux de l'Institut de Recherches sahariennes*, **23**, 181-185. [dune]

- Bertololy, E. 1894. *Ripplemarken*, Dissertation, Frankenthal, **
- Bertololy, E. 1900. *Kräuselungsmarken und Dünen*, Ackermann, Munich, 189 pp. [or *Münchener geographische Studien, Journal*, **9**, ** [dune
- Besedin, P.N. and Mirzazhanov, K.M. 1971. Reclamation of intra-oases shifting sands, *Trudy Soyuznikhi*, **20**, 102-117. [dnuse *All-Union Scientific-Research Institute for Cotton Growing*
- Besler, H. 1970. Geomorphologie der Wüste (eine Einführung), *Namib und Meer*, **1**, 59-67. [dune
- Besler, H. 1972a. Geomorphologie der Dünen, *Namib und Meer* (Southwest Africa, Swakopmund), **3**, 25-35. [dune
- Besler, H. 1972b. Klimaverhältnisse und klimageomorphologische Zonierung der zentralen Namib, *Stuttgarter geographischen Studien*, **83**, 209 pp. [dune
- Besler, H. 1975a. Der Namib-Erg und die süd-afrikanische Randstufe der Erde neu entdeckt, in **, Eds. Beckel, L. and Schneider, B., ** Mainz, **1**, 25. [dune
- Besler, H. 1975b. Messungen zur Mobilität von Dünen sanden am Nordrand der Dünen - Namib (Südwestafrika), *Mitteilungen der geographischen Gesellschaft, Würzburg*, **43**, 135-147. [dune abstract in Busche *et al.* 1984
- Besler, H. 1976. Wasserüberformte Dünen als Glied in der Landschaftgenese der Namib, *Mitteilungen der Basler Afrika Bibliographie*, **15**, 83-106. [dune
- Besler, H. 1977a. Untersuchungen in der Dünen Namib (Südwestafrika), *Journal of the South West African Science Society*, **31**, 33-64. [dune
- Besler, H. 1977b. Fluviale und äolische Formen zwischen Schott und Erg, in *Geographische Untersuchungen am Nordrand der tunisischen Sahara*, Ed. Meckelein, W., *Stuttgarter geographische Studien*, **91**, 19-81. [dune abstract in Busche *et al.* 1984
- Besler, H. 1979. Salinitätsmessungen an Sanden als Hilfsmittel zur Rekonstruktion fossiler Gewässerneke in ariden Räumen, *Zeitschrift für Geomorphologie, NF*, **23** (2), 192-198. [dune
- Besler, H. 1980. Die Dünen - Namib: Entstehung und Dynamik eines Ergs, *Stuttgarter geographische Studien*, **96**, 208 pp. [dune abstract in Busche *et al.* 1984
- Besler, H. 1981. Surface structures on Namib dunes caused by moisture, *Namib und Meer*, **9**, 11-17. [dnbed
- Besler, H. 1982a. The north-eastern Rub' al Khali within the borders of the United Arab Emirates, *Zeitschrift für Geomorphologie, NF*, **26** (4), 495-505. [dune, Oman dune abstract in Busche *et al.* 1984
- Besler, H. 1982b. A contribution to the aeolian history of the Tanezrouft, *Bulletin de l'Association de Géographes français*, **59** (483-484), 55-59. [dune abstract in Busche *et al.* 1984
- Besler, H. 1983. The response diagram: distinction between aeolian mobility and stability of sands and aeolian residuals by grain size parameters, *Zeitschrift für Geomorphologie, Supplement Band*, **45**, 287-301. [sand sdmo dune abstract in Busche *et al.* 1984
- Besler, H. 1984a. Indicators for stability and mobility of sands, *Travaux de l'Institut de Géographie de Reims*, **59-60**, 105-109. [sdmo sand dune

- Besler, H. 1984b. Verschiedene Typen von Reg, Dünen und kleinen Ergs in der algerischen Sahara, *Die Erde*, **115** (1-2), 47-79. [dune]
- Besler, H. 1984c. The tropical easterly jet as a cause for intensified aridity in the Sahara, in *Palaeoecology of Africa and the surrounding islands*, **16**, Eds. Coetzee, J.A. and Van Zinderen Bakker, E.M.Sr., Balkema, Rotterdam, 163-172. [dune]
- Besler, H. 1984d. The development of the Namib dune field according to sedimentological and geomorphological evidence, in *Late Cainozoic palaeoclimates of the southern hemisphere*, Ed. Vogel, J.C., Balkema, Rotterdam, 445-453.
- Besler, H. 1985. The response diagram: a possibility to predict sand movement, in *Resource management in drylands*, Eds. Meckelein, W. and Mensching, H., *Stuttgarter geographische Studien*, **105**, 11-17. [sdmo, dune]
- Besler, H. 1986a. The Toshka-Canal dune: analysis of development and dynamics, in *Aeolian geomorphology*, Ed. Nickling, W.G., *Binghampton Symposia in Geomorphology, International Series*, **17**, Allen and Unwin, Boston, 113-131.
- Besler, H. 1986b. The response diagram and ancient desert sands - a note, *Zeitschrift für Geomorphologie*, NF, **30**, 263- [sdmo dune, **not vol 30 or 1986 ??**]
- Besler, H. 1987a. Entstehung und Dynamik von Dünen in warmen Wüsten, *Geographische Rundschau*, **39**, 422-428. [dune]
- Besler, H. 1987b. Äolische Dynamik am Rande der Sahara, in *Forschung in Sahara und Sahel. I.*, Ed. Vogg, R., *Stuttgarter geographische Studien*, **106**, 161-23. [sdmo dune]
- Besler, H. 1989a. Untersuchungen zur aeolischen Dynamik im Ténéré (Republik Niger), *Zeitschrift für Geomorphologie, Supplement Band*, **74**, 1-12. [dune sand]
- Besler, H. 1989b. Dünenstudien am Nordrand des grohen östlichen Erg in Tunesien, *Stuttgarter geographischen Studien*, **100**, 221-246. [dune]
- Besler, H. and Marker, M.E. 1979. Namib Sandstone: a distinct lithological unit, *Transactions of the Geological Society of South Africa*, **82**, 155-160. [dnbed]
- Besler, H., Marker, M.E., Ollier, C.D. and Selby, M.J. 1977. Geomorphological research in the Namib, *Namib Bulletin, (Supplement, 2 of the Transvaal Museum Bulletin)*, 6-8. [dune]
- Bettenay, E. 1962. The salt lake systems and their associated aeolian features in the semi-arid regions of Western Australia, *Journal of Soil Science*, **13** (1), 10-18. [stbdn]
- Beydoun, Z.R. 1966. Geology of the Arabian Peninsula, eastern Aden Protectorate and part of Dhufar, *United States Geological Survey, Professional Paper*, **560-H**, 1-49. [dune]
- Bhadresa, R. 1977. Food preference of rabbits *Oryctolagus cuniculus* L. at Holkham sand dunes, Norfolk, *Journal of Applied Ecology*, **14**, 287-291. [codn dnveg]
- Bhimaya, C.P. 1960. The Rajasthan Desert, an appraisal of its problems and the programme for its immobilization, *Symposium on soil erosion and its control in the arid and semi-arid regions*, Rajasthan Academy of Sciences, Karachi, 1957, 309-310. [dnuse]
- Bhimaya, C.P. 1971. *Sand dune stabilization*, **TA 2959**, Food and Agriculture Organisation of the United Nations (FAO), Rome, ** pp. [dnuse abstract in Busche *et al.* 1984]

- Bhimaya, C.P. 1974a. *Sand dune fixation reports for Iraq, 1973 and 1975*, **TA 3252**, Food and Agriculture Organisation of the United Nations (FAO), Rome, 49 pp. [dnuse abstract in Busche *et al.* 1984]
- Bhimaya, C.P. 1974b. A review of sand dune stabilization and afforestation, in *Report on the FAO/DANIDA inter-regional training centre on heathland and sand dune afforestation*, Food and Agriculture Organization of the United Nations (FAO) / Danish International Development Agency (DANIDA), Denmark and Libya, 26 August to 21 September 1973. FAO, Rome, 49-56. [dnuse dnveg]
- Bhimaya, C.P. 1974c. Brief summary of the research programme, designs, execution and results of the experiments on sand dune fixation in Iran, in *Report on the FAO/DANIDA inter-regional training centre on heathland and sand dune afforestation*, Food and Agriculture Organization of the United Nations (FAO) / Danish International Development Agency (DANIDA), Denmark and Libya, 26 August to 21 September 1973. FAO, Rome, 79-97. [dnuse]
- Bhimaya, C.P. 1974d. Notes and observations on shelterbelt and winbreak plantings, in *Report on the FAO/DANIDA inter-regional training centre on heathland and sand dune afforestation*, Food and Agriculture Organization of the United Nations (FAO) / Danish International Development Agency (DANIDA), Denmark and Libya, 26 August to 21 September 1973. FAO, Rome, 146-150. [wneroc copy]
- Bhimaya, C.P., *et al.* 1964. Species suitable for afforestation of different habitats of Rajasthan, *Annals of Arid Zone*, **2** (2), 162-168. [dnuse]
- Bhimaya, C.P., Kaul, R.N. and Ganguli, B.N. 1961. Sand dune rehabilitation in western Rajasthan, *Science and Culture*, Central Arid Zone Research Institute, Jodhpur, **27**, 224-229. [dnuse]
- Bhimaya, C.P., Kaul, R.N. and Ganguli, B.N. 1962. Sand dune stabilization in western Rajasthan, *Proceedings of the 5th World Forestry Congress*, Seattle, 1960, 358-363. [dnuse]
- Bhimaya, C.P., Owtadolajam, E. and Malakooti, M.J. 1974. *Sand dune fixation in Khuzistan Province; the efficiency and economics of different treatments (in Farsee)*, *Technical Publication*, **14**, Research Institute of Forests and Rangelands, Ministry of Agriculture and Resources, Teheran, 41 pp. [dnuse]
- Bielfedt, H. and Taeubner, K. 1966. Wirtschaftliche Verfahren zur Befestigung von Boshungsflächen, *Bitumen*, **28**, 116-119. [dnuse]
- Bieseke, M., Bousquet, J. and Stanford, G. 1979. A Kalahari food staple: *Ricinodendron rautanenii*, in *Arid plant resources*, Eds. Goodin, J.R. and Northington, K.D., IGASIS, Texas Tech University, Lubbock, Texas, 341-356. [dnveg dnuse]
- Bigarella, J.J. 1965. Sand-ridge structures from Paraná coastal plain (Brazil), *Marine Geology*, **3**, 269-278. [dune dnbed codn]
- Bigarella, J.J. 1970/71. Wind patterns deduced from dune morphology and internal structures, *Boletim Paranaense Geociencias*, **28/29**, 73-114. [dnbed or "wind pattern .." ??]
- Bigarella, J.J. 1972. Eolian environments - their characteristics, recognition and importance, in *Recognition of ancient sedimentary environments*, Eds. Rigby, J.K. and Hamblin, W.K., *Special Publication*, **16**, Society of Economic Palaeontologists and Mineralogists, 12-62. [dune dnbed]
- Bigarella, J.J. 1973. Textural characteristics of the Botucatu sandstone, *Boletim Paranaense Geociencias*, **31**, 85-94. [sand dnbed]
- Bigarella, J.J. 1975a. Structures developed by dissipation of dune and beach ridge deposits, *Catena*, **2** (1-2), 107-152. [dnbed]

- Bigarella, J.J. 1975b. Lagoa dune field, State of Santa Catarina, Brazil - a model of eolian and pluvial activity, *International Symposium on the Quaternary of Southern Brazil*, July 15-31, *Boletim Paranaense Geociencias*, **33**, 133-167. [codn]
- Bigarella, J.J. 1979a. Sediment structures in dunes, in *A study of global sand seas*, Ed. McKee, E.D., *United States Geological Survey, Professional Paper*, **1052**, 83-113. [dnbed]
- Bigarella, J.J. 1979b. Structural features at Lagoa dune field, Brazil, in *A study of global sand seas*, Ed. McKee, E.D., *United States Geological Survey, Professional Paper*, **1052**, 114-134. [dnbed]
- Bigarella, J.J. 1979c. Ancient sandstones considered to be eolian, in *A study of global sand seas*, Ed. McKee, E.D., *United States Geological Survey, Professional Paper*, **1052**, 187-240. [dnbed]
- Bigarella, J.J., Alessi, A.H., Becker, R.D. and Duarte, G. M. 1969. Textural characteristics of the coastal dune, sand ridge and beach sediments, *Boletim Paranaense Geociencias*, **27**, 15-80. [sand]
- Bigarella, J.J., Basmallick, S. and Becker, R.D. 1973. Morphoscopic and mineralogic differences between water-laid and wind-laid deposits, *Boletim Paranaense de Geociencias*, **31**, 95-112. [sand]
- Bigarella, J.J., Becker, R.D. and Duarte, G.M. 1969. Coastal dune structures from Paraná (Brazil), *Marine Geology*, **7**, 5-55. [dnbed codn]
- Bigarella, J.J. and de Andrade, G.O. 1965. Contribution to the study of the Brazilian Quaternary, *Special Publication*, **84**, Geological Society of America, 433-451. [dune]
- Bigarella, J.J., Duarte, G.M. and Becker, R.D. 1970-1. Structural characteristics of the dune, foredune, interdune, beach, beach-ridge and sand ridge deposits, *Boletim Paranaense de Geociencias*, **28/29**, 9-72. [dnbed]
- Bigarella, J.J., Mousinho, M.R. and Da Silva, J.X. 1965. Processes and environments of the Brazilian Quaternary, *Symposium on Cold Climate Processes*, Congress **VII**, International Quaternary Research Association (INQUA), Fairbanks, Alaska, ** [also ? .. Imprensa Univ. Fed. Paraná, Curitiba, 71 pp. dune?]
- Bigarella, J.J. and Oliviera, M.A.M. 1966. Preliminary note about the directions of sand grain transportation at Furnos and Botucatu in the seventieth part of Paraná Basin, *Boletim Paranaense de Geografia*, (18-20), 274-256. [sdmo dune codn?]
- Bigarella, J.J. and Popp, J.H. 1966. Contributions to the study of recent shoreline sediments. IV. Shore and dunes of Barra do Sul (Santa Catarina) (in Portuguese), *Boletim Paranaense de Geografia*, (18-20), 133-149. [sdmo dune codn ?]
- Bigarella, J.J. and Salamuni, R. 1961. Early Mesozoic wind patterns as suggested by dune bedding in the Botucatu sandstone of Brazil and Uruguay, *Bulletin of the Geological Society of America*, **72** (7), 1089-1106. [dnbed]
- Bilaidi, A.S. 1978. Silviculture in the People's Democratic Republic of Yemen, *Unasylya*, **30** (121), 29-32. [dnuse Prosopis or Bilaydi ??]
- Bilhorn, T.W., Woodward, D.W., Otterini, L.C., Dahl, B.E. and Baker, R.L. 1971. *The use of grass for dune stabilization along the Gulf Coast with initial emphasis on the Texas Coast, Final Report*, **GURC-114**, Gulf Universities Research Consortium, Galveston, Texas, Texas Technical University, Lubbock, Texas, 67 pp. [dnuse codn]
- Billingsley, G.H. 1987. Geologic map of the southwestern Moenkopi Plateau and a comparison with linear dunes on the Moenkopi Plateau, in *Apollo-Soyuz Test Project Summary Science Reports. 2. Earth*

observations photography, Eds. El-Baz, F and Warner, D.M., United States National Aeronautics and Space Administration (NASA), Washington DC, **SP-412**, 319-358.

Binda, P.L. 1972. *On the sedimentology of some cover sands from Zambia*, R.C.M. Report, **GR 44**, Kalulushi, ** [stbdn]

Binda, P.L. 1983a. On the skewness of some eolian sands from Saudi Arabia, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 27-39.

Binda, P.L. 1983b. Grain size study of some eolian sands from Saudi Arabia, *Bulletin of the Faculty of Earth Science, King Abdul Aziz University*, Jeddah, **

Binda, P.L. and Hildred, P.R. 1973. Bimodal grain-size distributions of some Kalahari-type sands from Zambia, *Sedimentary Geology*, **10**, 233-237. [sand]

Bingham, M. 1925. Le relief du Peru, *Revue de Géographie alpine*, **13**, 679-706. [dune?]

Binnie, A.M. and Williams, E.E. 1966. Self-induced waves in a moving open channel, *Journal of Hydraulics Research*, **4**, 17-35. [dunelog **not p 17 no index**]

Bird, E.C.F. 1960. The formation of sand beach ridges, *Australian Journal of Science*, **22** (8), 349-350. [codn]

Bird, E.C.F. 1961a. The coastal barriers of East Gippsland, Australia, *Geographical Journal*, **127** (4), 460-468. [codn?]

Bird, E.C.F. 1961b. Landform changes at Lakes Entrance, *Victorian Naturalist*, **78**, 137-146. [codn]

Bird, E.C.F. 1963a. The physiography of the Gippsland Lakes, Australia, *Zeitschrift für Geomorphologie*, NF **7**, 233-245. [codn?]

Bird, E.C.F. 1963b. Coastal landforms of the Dodman District, *Proceedings of the Ussher Society*, **1**, 56-57. [codn]

Bird, E.C.F. 1964. *Coastal landforms: an introduction to coastal geomorphology with Australian examples*, Australian National University Press, Canberra, 193 pp. [codn]

Bird, E.C.F. 1965. The formation of coastal dunes in the humid tropics: some evidence from north Queensland, *Australian Journal of Science*, **27** (9), 258-259. [codn]

Bird, E.C.F. 1967. Coastal lagoons of southeastern Australia, in *Landform studies from Australia and New Guinea*, Eds. Jennings, J.N. and Mabbutt, J.A., Cambridge University Press, Cambridge, 365-385. [codn]

Bird, E.C.F. 1974a. Dune stability on Fraser Island, *Queensland Naturalist*, **21**, 15-21. [codn stbdn]

Bird, E.C.F. 1974b. *Coastal changes in Denmark during the past two centuries*, *Skifter i Fysisk Geografi*, **8**, University of Aarhus, 21 pp. [codn]

Bird, E.C.F. 1979. Coastal processes, in *Man and environmental processes*, Eds. Gregory, K.J. and Walling, D.E., Dawson, Folkestone, 82-101. [codn]

Bird, E.C.F. 1985. Recent changes on the Somers-Sandy Point coastline, *Proceedings of the Royal Society of Victoria*, **97**, 115-128. [codn ?]

- Bird, E.C.F. and Hopley, D. 1969. Geomorphological features on the north Queensland coast, *Australian Geographer*, **7** (1), 89-108. [codn ?]
- Bird, E.C.F. and Jones, D.J.B. 1988a. Beach ridges and foredunes on the coast of Victoria, Australia, in *Dune / beach interaction*, Ed. Psuty, N.P., *Journal of Coastal Research, Special Issue*, **3**, 11-14. [codn
- Bird, E.C.F. and Jones, D.J.B. 1988b. The origin of foredunes on the coast of Victoria, Australia, *Journal of Coastal Research*, **4** (2), 181-192. [codn
- Bird, E.C.F. and Koike, K. 1981. *Coastal dynamics and scientific sites*, Komazawa University, Tokyo, 219 pp. [codn dnuse
- Bird, E.C.F. and McCullen, P.W. 1980. *The management of coastal dunes in South Australia*, Geostudies, Melbourne 99 pp. [dnuse codn
- Bird, E.C.F. and Ozer, A., Eds. 1985. *World shorelines*, Van Nostrand Reinhold, New York, ** [codn
- Bird, J.B. 1967. *The physiography of Arctic Canada - with special reference to the area south of the Parry Channel*, Johns Hopkins University Press, Baltimore, MD, 336 pp. [stbdn abstract in Niessen, *et al.* 1984
- Bird, J.B. 1970. Eolian processes in Arctic Canada, in *Processes and methods in Canadian geography: geomorphology*, Eds. Nelson, J.G. and Chambers, M.J., Methuen, London, 325-332. [dune
- Biro, P., Capot-Rey, R. and Dresch, J. 1955. Recherches morphologiques dans le Sahara central, *Travaux de l'Institut de Recherches sahariennes*, **13**, 13-74. [dune
- Birse, E.M., Landsberg, S.Y. and Gimingham, C.H. 1957. The effects of burial by sand on dune mosses, *Transactions of the British Bryological Society*, **3**, 285-301. [codn dnveg
- Bisal, F. 1968. Influence of plant residue on sand flow in a wind tunnel, *Canadian Journal of Soil Science*, **48** (1), 49-52. [sdmo
- Bisal, F. 1973. Initiation of movement of soil aggregates, *Canadian Journal of Soil Science*, **53** (4), 481-482. [sdmo
- Bisal, F. and Ferguson, W. 1970. Effect on non-erodible aggregates and wheat stubble on initiation of soil drifting, *Canadian Journal of Soil Science*, **50** (1), 31-34. [sdmo
- Bisal, F. and Hsieh, J. 1966. Influence of moisture on erodibility of sand by wind, *Soil Science*, **102** (3), 143-146. [sdmo
- Bisal, F. and Nielsen, K.F. 1962. Movement of soil particles in saltation, *Canadian Journal of Soil Science*, **42** (1), 81-86. [sdmo
- Bisal, F. and Nielsen, K.F. 1964. Soil aggregates do not necessarily break down over winter, *Soil Science*, **98**, 345-346. [sdmo
- Bisson, J. 1957. *Le Gourara. Etude de géographie humaine, Mémoire*, **3**, Institut des Recherches sahariennes, 222 pp. [dune
- Biswas, A.B. 1966. A note on certain sand dunes from Kaliana area, Mahendragarh District, Punjab, *Geological Survey of India, Records*, **94** (2), 221-228.
- Biswas, S.K. 1971. The miliolite rocks of Kutch and Kathiawar (western India), *Sedimentary Geology*, **5**, 147-164. [dnbed

- Biswas, T.D., Nielson, D.R. and Biggar, J.W. 1966. Redistribution of soil water after infiltration, *Water Resources Research*, **2** (3), 513-521. [dnsol dnhyd]
- Bitan, A. 1967. Planning and climate - the case of Di-Zahav, *Geoforum*, **8**, 249-265. [dnuse abstract in Busche *et al.* 1984]
- Black, J.F. and Popkin, A.H. 1970. Neue Anwendungsgebiete für Bitumen im menschlichen Lebensbereich, *Bitumen*, **32**, 130-133. [dnuse]
- Black, R.F. 1951. Eolian deposits of Alaska, *Arctic*, **4**, 89-111. [dune abstract in Niessen, *et al.* 1984]
- Black, R.F. 1969. Climatically significant fossil periglacial phenomena in north-central United States, *Biuletyn Peryglacjalny*, **20**, 225-238. [dune]
- Blackburn, G. 1962. Stranded coastal dunes in north-western Victoria, *Australian Journal of Science*, **24** (9), 388-389. [codn]
- Blackburn, G. 1980. Origin of aeolian carbonate-rich sediments considered by reference to sites near Walpeup and Tempy, NW Victoria, in *Aeolian landscapes in the semi-arid zone of south eastern Australia*, Eds. Storrier, R.R. and Stannard, M.E., Australian Society of Soil Science, Riverina Branch, 53-54. [sand dune]
- Blackburn, G., *et al.* 1965. Soil development associated with stranded beach ridges in south-east South Australia, *Soil Publication*, **22**, Commonwealth Scientific and Industrial Organization (CSIRO), 66 pp. [codn dsol]
- Blackstone, T. 1989. Nature conservation within a conifer plantation on a coastal dune system. Newborough Warren, Anglesey, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, SPB Academic, The Hague, 145-150. [codn dnuse dnveg]
- Blackwelder, E. 1954. Geomorphic processes in the desert, *Bulletin of the Division of Mines*, State of California, Department of Natural Resources, **170**, 11-20. [dune]
- Blake, G.S. 1937. Old shorelines of Palestine, *Geological Magazine*, **74**, 68-78. [negev codn]
- Blakey, R.C. 1988a. Superscoops: their significance as elements of eolian architecture, *Geology*, **16** (6), 483-487. [dnbed]
- Blakey, R.C. 1988b. Basin tectonics and erg response, in *Late Pleistocene and Mesozoic deposits of the western interior of the United States*, Ed. Kocurek, G., *Sedimentary Geology*, **56** (1-4), 127-151. [dnbed]
- Blakey, R.C. and Middleton, L.T. 1983. Permian shoreline eolian complex in central Arizona: dune changes in response to cyclic sea level changes, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 551-581. [dnbed codn]
- Blakey, R.C., Peterson, F. and Kocurek, G. 1988. Synthesis of Late Palaeozoic and Mesozoic eolian deposits of the western interior of the United States, *Sedimentary Geology*, **56** (1-4), 3. [dnbed]
- Blanchard, W.O. 1926. The Landes: reclaimed waste lands of France, *Economic Geography*, **2** (2), 249-272. [stbdn dnuse codn]
- Blanchot, A. 1952. Notice explicative sur la feuille Port-Etienne-East, *Carte géologique de l'Afrique occidentale français*, 22 pp. [dune?]
- Blanchot, A. 1957. Les formations superficielles de Mauritanie occidentale, *Bulletin de la Division fédéral des Mines et Géologie de l'Afrique occidentale français*, **20**, 9-91. [dune?]

- Blanck, J.-P. and Gobert, A. 1982. Un aspect du milieu naturel: la régime hydrique des sols, l'exemple de la région de Maradi (Niger), *Annales de Géographie*, **91** (505), 305-339. [dsol dnsol abstract in Busche *et al.*, 1984
- Blanford, W.T., **, *Memoir*, **6**, Geological Survey of India, ** pp. [dune ?
- Blanford, W.T. 1876. On the physical geography of the Great Indian Desert with special reference to the existence of the sea in the Indus valley; and on the origin and mode of formation of the sand hills, *Journal of the Asiatic Society of Bengal*, **45**, 86-103. [dune
- Blanford, W.T. 1877. Geological notes on the Great Indian Desert between Sind and Rajputana, *Records of the Indian Geological Survey*, **10** (1), 10-21. [dune
- Blasius, H. 1912. Über die Abhängigkeit der Formen der Riffeln und Geschiebebänke vom Gefälle, *Zeitschrift für Bauwesen*, Berlin, **60**, 466-472. [dunelog or 1910 ??
- Blatt, H. 1967. Original characteristics of quartz grains, *Journal of Sedimentary Petrology*, **37** (2), 401-424. [sand
- Blatt, H. 1987. Oxygen isotopes and the origin of quartz, *Journal of Sedimentary Petrology*, **57** (2), 373-377. [sand
- Blatt, H., Middleton, G. and Murray, R. 1972. *Origin of sedimentary rocks*, Prentice-Hall, New York, 634 pp. [sand
- Blench, B.J.R. 1965. Strandmarken and Dueodde. A study of the dune regions of south Bornholm, *Geographisk Tidsskrift*, **64**, 36-53. [codn
- Blesson, A. 1828. Über Sand und Dünen, *Zeitschrift der Erd-, Völker und Staatenkunde*, **11**, 177-196. [codn dune
- Blink, H. 1895. The dunes of the Netherlands and the diminution of the Netherlands coast (in Dutch), *Tijdschrift Nederlands Heidemaatschappij*, **7**, ** [codn
- Blodgett, R.H. 1984. Nonmarine depositional environments and paleosol development in the Upper Triassic Dolores Formation, southwestern Colorado, *Guidebook, 37th Annual Meeting, Rocky Mountain Section, Geological Society of America*, Durango, 46-92. [dnbed
- Blodgett, R.H. and Stanley, K.O. 1980. Stratification, bed forms and discharge relations of the Platte braided river system, Nebraska, *Journal of Sedimentary Petrology*, **50** (1), 139-148. [dunelog
- Blom, R.G. 1981. Radar mapping of the Sonoran dune field, Sonora, Mexico, *Photo-Interpretation*, **20**, 4 pp.
- Blom, R.G. 1988. Effects of variation in look angle and wavelength in radar images of volcanic and aeolian terrains, or now you see it, now you don't, *International Journal of Remote Sensing*, **9** (5), 945-965. [dune
- Blom, R.G., Daily, M.I., Elachi, C. and Saunders, R.S. 1979. Analysis of SEASAT SAR images of sand dunes (abstract), *Technical Memorandum*, **80339**, National Aeronautics and Space Administration (NASA), Washington DC, 359-361. [abstract in Busche, *et al.* 1984
- Blom, R.G. and Elachi, C. 1981. Spaceborne and airborne imaging radar observations of sand dunes, *Journal of Geophysical Research*, **86** (B8), 3061-3073.

- Blom, R.G. and Elachi, C. 1987. Multifrequency and multipolarization radar scattareometry of sand dunes and comparison with spaceborne radar images, *Journal of Geophysical Research, Solid Earth and Planets*, **92** (B8), 7877-7889.
- Blom, R.G., Elachi, C. and Evans, D. 1982a. SIR-A images of sand dunes and volcanic fields, *Digest 1982, International Geoscience and Remote Sensing Symposium (IGARSS '82)*, Munich **FA-6**, 9.1-9.6.
- Blom, R.G., Elachi, C. and Evans, D. 1982b. Radar scatterometry of sand dunes and lava flows, *International Geoscience and Remote Sensing Symposium (IGARSS '81)*, Washington, DC, June 1-3, **2**, 597-602.
- Bloore, F.J. 1981. On the existence of characteristic shapes for desert sand dunes, in *Special Issue on Statistics and Earth Sciences*, Ed. Jones, T.A., *Mathematical Geology*, **13** (5), 461-463. [or *Journal of the International Association for Mathematical Geology*?
- Blount, H.G. 1988. *Regional aeolian dynamics from remote sensing: origin of Gran Desierto, Sonora, Mexico*, unpublished Ph.D. dissertation, Arizona State University, Tempe, AZ, 227 pp. [dune
- Blount, H.G., Greeley, R. and Christensen, P.R. 1986. Identification of active sand surfaces: Earth and Mars, *Geological Society of America, Program with Abstracts*, **18**, 544. [dune sand
- Blount, H.G., Greeley, R., Lancaster, N., Christensen, P.R. and Arvidson, R., n.d. *Aeolian mixing and the identification of active sand surfaces on the Earth and Mars*, ** 2 pp. [sdmo sand dune
- Blume, H.-P. 1986b. About the formation of sand-filled cracks in sandy desert soils (in German ?), *Zeitschrift für Pflanzenernährung und Bodenkunde*, **149** (3), 347-349. [dnsol
- Blume, H.-P. 1987. Bildung sandgefüllter Spalten unter periglaziären und warmariden Bedingungen, *Zeitschrift für Geomorphologie*, NF **31**, (4), 443-448. [formation of sand-filled cracks under periglacial and hot desert conditions dnsol
- Blümel, W.D. 1982. Calcretes in Namibia and SE Spain - relations to substratum, soil formation and geomorphic actors, *Catena Supplement*, **1**, 67-95. [dsol dnbed
- Blumenthal, K.P. 1964. The construction of a drift sand dyke on the island of Rottumerplaat, *Proceedings of the 9th Conference on Coastal Engineering*, Lisbon, 346-367. [codn
- Blunt, A. and Blunt, W.S. 1881. *Pilgrimage to Nejd, the cradle of the Arabian race*, 2nd edition, Murray, London, 2 volumes, 273 and 283 pp. [Lady Anne dune fuljes 80-100 ft deep red, rounded sand dlit. soas main nb 910.8 1st edition 1931
- Bobek, H. 1941. Luftbild und geomorphologie, *Luftbild und Luftbildmessung*, **20**, Hansa Luftbild GmbH Berlin, 149-160. [dune ?
- Bocharov, A.P. 1984 (Translation). *A description of devices used in the study of wind erosion of soils*, (Trans S.C. Dhamija), Balkema Rotterdam, 90 pp. [sdmo
- Böcher, T.W. 1954. Studies on European calcareous fixed dune communities, *Vegetatio*, **V-VI**, 562-570. [codn dnveg
- Bochet, R. 1948. Tempêtes de sable et météores sableux en Oranie, *La Météorologie*, octobre-décembre, 251-277. [dust sdmo
- Bodéré, J.-C. 1971. Observations sur la côte de la baie d'Audierne entre Penhors et Prz carn, *Cahiers océanographiques*, **18**, 519-543. [codn

- Boerboom, J.H.A. 1963. Het verband tussen bodem en vegetatie in de Wassenaarse duinen, *Boor en Spade*, **13**, 120-155. [codn dnsol]
- Boerboom, J.H.A. 1964. Microklimatologische waarnemingen in de Wassenaarse duinen, *Mededelingen Landbouwhogeschool, Wageningen*, **64**, 9-28. [codn wind microclimatological observations..]
- Bofah, K.K. and Al-Hinai, K.G. 1985. Field tests of porous fences in the regime of sand-laden wind, *Proceedings of the 6th Colloquium on Industrial Aerodynamics*, June 19-21, Fluid Mechanics Laboratory, Aachen, 21 pp. [sdmo dnuse]
- Bofah, K.K. and Al-Hinai, K.G. 1986. Field tests of porous fences in the regime of sand-laden wind, *Journal of Wind Engineering and Industrial Aerodynamics*, **23** (1-3), 309-319. [dnuse sdmo]
- Bofah, K.K. and Owusu, Y.A. 1986. The eolian sand problems arising from desertification, *Environmental Monitoring and Assessment*, **6** (3), 283-290. [dnuse sdmo]
- Bogacki, M. 1970. Eolian processes on the forefield of the Skeidrar-jökull (Iceland), *Bulletin de l'Académie polonaise des Sciences, Série des Sciences géologiques et géographiques*, **18** (4), 279-287. [dune abstract in Niessen, *et al.* 1984]
- Boggs, S. 1967. Measurement of roundness and sphericity parameters using an electronic particle size analyzer, *Journal of Sedimentary Petrology*, **37** (3), 908-913. [sand]
- Boggs, S. 1974. Sand-wave fields in Taiwan Strait, *Geology*, **2** (5), 251-253. [dunelog]
- Bohdanowicz, K. 1892. *Geological research in eastern Turkestan: works of the 1889-1890 expedition*, (in Russian), M. Stasiulivicha, St. Petersburg, 167 pp. [dune]
- Boitel, A. 1957. *Mise en valeur des terres pauvres par le pin maritime*, 2nd edition, ** Paris, ** [codn dnuse]
- Bolton, H.C. 1884. The singing beaches of the Baltic and the sonorous sand-hills of Arabia and Afghanistan, *Transactions of the New York Academy of Sciences*, **3**, 97-99.
- Bolton, H.C. 1889a. ** singing sand**, *Proceedings of the American Association for the Advancement of Science*, **38**, **
- Bolton, H.C. 1889b. A new Mountain of the Bell, *Nature*, **39**, 607-608. [singing sand]
- Bolton, H.C. 1889c. Letter - A new Mountain of the Bell, *Nature*, **40**, 35. [singing sand]
- Bolton, H.C. 1890a. Research on musical sand in the Hawaiian Islands and California, *Transactions of the New York Academy of Sciences*, **10**, 28-35. [singing sand]
- Bolton, H.C. 1890b. The barking sands of the Hawaiian Islands, *Nature*, **42**, 389-390. [singing sand]
- Bond, G. 1948. The direction of origin of the Kalahari sands of southern Rhodesia, *Geological Magazine*, **85**, 305-313. [dune stbdn]
- Bond, G. 1954. Surface textures of sand grains from the Victoria Falls area, *Journal of Sedimentary Petrology*, **24** (3), 191-195.
- Bond, G. 1957. Quaternary sands at the Victoria Falls, *3rd Pan-African Congress on Prehistory*, Ed. Clark, J.D. 1955, Livingstone, 115-122. [stbdn]
- Bond, G. 1965. Quantitative approaches to rainfall and temperature changes in the Quaternary of southern Africa, *Geological Society of America Special Paper*, **84**, 323-336. [stbdn]

- Bond, R.D. 1964. The influence of microflora on the physical properties of soils. 2. Field studies on water-repellent sands, *Australian Journal of Soil Research*, **2**, 123-131. [dnsol]
- Bond, R.D. 1968. Water-repellent sands, *Transactions of the 9th International Congress of Soil Science*, **1**, Adelaide, Australia, 339-347. [dnsol]
- Bond, R.D. and Harris, J.R. 1964. The influence of microflora on the physical properties of soils. 1. Effects associated with filamentous algae and fungi, *Australian Journal of Soil Research*, **2**, 111-122. [dnsol]
- Bond, W.J. 1986. Illuvial band formation in a laboratory column of sand, *Journal of the Soil Science Society of America*, **50** (1), 265-267. [dune dnsol]
- Bonner, A.E. 1988. Pedestrian walkover form and eolian sediment movement at Fire Island, New York, *Shore and Beach*, **56** (1), 23-27. [codn dnuse]
- Bonnet Fernandez-Trujillo, J. 1989. Aspects of conservation and management of the sand dune areas of Spain, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Scientific, The Hague, 269-278. [codn dnuse]
- Bonnot, E.-J. 1975. Sur la place et le rôle des bryophytes dans la végétation des dunes, in *Colloques phytosociologiques. 1. La Végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 149-157. [codn dnveg]
- Boocock, C. and van Straaten, O.J. 1962. Notes on the geology and hydrogeology of the central Kalahari region, Bechuanaland Protectorate, *Transactions of the Geological Society of South Africa*, **65** (1), 125-176. [dune stbdn dnhyd]
- Booker, H.Jr. and Johnson, A.F. 1979. Dune shrub communities and their correlation with environmental factors at Point Reyes National Seashore, California, *Journal of Biogeography*, **6** (4), 317-328. [dnveg codn]
- Boorman, L.A. 1977. Sand dunes, in *The coastline*, Ed. Barnes, R.S.K., John Wiley and Sons, New York, 161-197. [zoo 25 f bar codn]
- Boorman, L.A. 1989a. The influence of grazing of British sand dunes in *Perspectives on coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPD Academic, The Hague, 121-124. [codn]
- Boorman, L.A. 1989b. The grazing of British sand dune vegetation, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 75-88. [codn]
- Boorman, L.A., Goss-Custard, J.D. and McGrorty, S. 1989. *Climatic change, rising sea-level and the British coast*, Institute of Terrestrial Ecology, Huntingdon / Her Majesty's Stationery Office, London, 24 pp. [codn TPL r 96 boo]
- Boorman, L.A. and Fuller, R.M. 1977. Studies on the impact of paths on the dune vegetation at Winterton, Norfolk, England, *Biological Conservation*, **12** (3), 203-216. [codn dnuse dnveg]
- Boot, R.G.A. and van Dorp, D. 1986. *De plantengroei van de Duinen van Oostvoorne in 1980 en veranderingen sinds 1934*, Het Zuid-Holland Landschap, Rotterdam, 120 pp. [codn dnuse]
- Boothroyd, J.C. and Hubbard, D.K. 1975. Genesis of bedforms in mesotidal estuaries, in *Estuarine research*, Ed. Cronin, L.E., Academic Press, London, 217-234. [geol c 65 t dunelog]

- Borde, J.-M. 1982. *Etude expérimentale de la dynamique d'un modèle de barkhane*, Laboratoire de Géographie physique Zonale, Université de Reims, inedit, 125 pp. [dune]
- Borggreve, B. 1875. Über die Entstehung und Veränderung der Dünen, insbesondere an den deutschen Nordseeküsten, *Verhandlungen des Naturhistorischen Vereins der Preußischen Rheinlande und Westfalens*, (4) **32**, 69-72. [dune codn]
- Borovskaya, N.I. 1971. On the water balance of trees and shrubs of the sandy desert Karakumy (in Russian), *Botanicheskii Zhurnal*, **56** (3), 361-368. [dnveg]
- Borówka, M. 1979a. Deflation and accumulation processes on the surface of coastal dune ridges (in Polish), *Badania Fizjograficzne nad Polska Zachodnia*, **A 32**, 31-48. [dune codn Ryszard Krzysztof]
- Borówka, M. 1979b. The reconstruction of relief development in the beach hinterland, the central part of the Łeba Bar (in Polish), *Badania Fizjograficzne nad Polska Zachodnia*, **A 32**, 7-20. [dune abstract in Busche, *et al.* 1984 codn]
- Borówka, R.K. 1973. Influence of dune slip-face on wind directions distribution in the ground zone (in Polish), *Poznanskie Towarzystwo Przyjaciół Nauk, Sprawozdania Wydziału Matematyczno-Przyrodniczego*, **91**, 75-78. [dune]
- Borówka, R.K. 1975. Problem of the morphology of fossil dune forms on the Łeba Bar, *Quaestiones Geographicae*, **2**, 39-52. [codn]
- Borówka, R.K. 1976. Some types of sedimentary structures and disturbances of coastal dunes and their palaeogeographical significance (in Polish), *Poznanskie Towarzystwo Przyjaciół Nauk, Sprawozdania Wydziału Matematyczno-Przyrodniczego*, **94**, 32-34. [codn]
- Borówka, R.K. 1979. Accumulation and redeposition of eolian sands on the lee slope of dunes and their influence on the formation of sedimentary structures, *Quaestiones Geographicae*, **5** (5), 5-22. [dnbed abstract in Busche *et al.* 1984]
- Borówka, R.K. 1980a. Present-day dune processes and dune morphology on the Łeba Barrier, Polish coast of the Baltic, *Geografiska Annaler*, **A 62** (1-2), 75-82. [codn abstract in Busche *et al.* 1984]
- Borówka, R.K. 1980b. Present-day transport and sedimentation processes of eolian sands - controlling the factors and resulting phenomena on a coastal dune area, *Poznanskie Towarzystwo Przyjaciół Nauk*, **20**, 123-126. [codn abstract in Busche *et al.* 1984 codn or 126 pp. ??]
- Borówka, R.K. 1986. *Współczesne procesy modelujące powierzchnie plaży piaszczystej morza bezpływowego*, unpublished Ph.D. dissertation, Uniwersytet Adama Mickiewicza w Poznaniu, 133 pp. [codn]
- Borówka, R.K. 1988. The Quaternary in the vicinity of Łeba (in Polish), *Poznanskie Towarzystwo Przyjaciół Nauk, Sprawozdania Wydziału Matematyczno-Przyrodniczego*, **105**, 40-42. [codn]
- Borówka, R.K., Gonera, P., Kostrzewski, A., Nowaczyk, B. and Zwolinski, Z. 1986. Stratigraphy of eolian deposits in Wolin Island and the surrounding area, northwestern Poland, *Boreas*, **15** (4), 301-309. [dune]
- Borówka, R.K., Gonera, P., Kostrzewski, A. and Zwolinski, Z. 1982. Origin and age of sand covers in the Wolin end moraine area, *Quaestiones Geographicae*, **8**, 19-36. [dune]
- Borówka, R.K., Gonera, P., Kostrzewski, A. and Zwolinski, Z. 1983. Origin, age and palaeogeographic significance of cover sands in the Wolin end moraine area (in Polish), *Poznanskie Towarzystwo Przyjaciół Nauk, Sprawozdania Wydziału Matematyczno-Przyrodniczego*, **97-99**, 135-137. [stbdn]

- Borówka, R.K. and Nowaczyk, B. 1976. The intensity of Holocene eolian processes at Steknoca near Łeba (in Polish), *Poznańskie Towarzystwo Przyjaciół Nauk, Sprawozdania Wydziału Matematyczno-Przyrodniczego*, **94**, 41-42. [stbnd]
- Borówka, R.K. and Rotnicki, K. 1988. New data on the geologic structure of the Łeba barrier (in Polish), *Poznańskie Towarzystwo Przyjaciół Nauk, Sprawozdania Wydziału Matematyczno-Przyrodniczego*, **105**, 26-29. [codn]
- Borówka, R.K. and Tobolski, K. 1979. New archaeological sites on the Łeba Bar and their significance for palaeogeography of this area (in Polish), *Badania Fizjograficzne nad Polską Zachodnią*, **A 32**, 21-29. [codn]
- Borricaud, P. 1952. Notes sur l'Ouaran et l'Erg Chech, *Bulletin de l'Institut français de l'Afrique noire*, **14** (2), 660-668. [dune]
- Borsy, Z. 1964. Summary: Contributions to the problem of wind blown sands in Poland (in Hungarian, English abstract), *Acta Geographica Debrecina*, **10**, 109-142. [dune]
- Borsy, Z. 1970. Relief forms of wind-blown sand areas, *Egyetemi Foldrajzi Intézet. Geographical Institute of the University, Debrecen*, 10 pp. [dune]
- Borsy, Z. 1971. Studies on wind erosion in the wind-blown sand areas of Hungary, *Acta Geogr. Debrecina*, **10**, 123-132. [dune dnuse]
- Borsy, Z. 1973. A Homokfodrok, *Földrajzi Értekezések*, **22** (1), 109-115. [ripple]
- Borsy, Z. 1974a. Recent results of wind erosion studies in Hungarian blown-sand areas, *Földrajzi Értekezések*, **23** (2), 227-236. [dnuse abstract in Busche *et al.* 1984]
- Borsy, Z. 1974b. Attritional studies on blown sand-grains, *Acta Geographica Debrecina*, **12**, 29-52. [sand check date doesn't tie up with vol nos above abstract in Busche, *et al.* 1984.
- Borsy, Z. 1976a. Relief forms in wind-blown sand, in *Geomorphology and paleogeography*, Ed. Gerasimov, I.P., *Proceedings of the 23rd International Geographical Congress, Moscow*, **23** (1), 134-137. [dune]
- Borsy, Z. 1976b. Relief forms in wind-blown sand, *Egyetemi Foldrajzi Intézet*, Geographical Institute of the University, 1010 Debrecen, 10 pp. [dune ripple]
- Borsy, Z. 1977. Evolution of relief forms in Hungarian wind-blown sand areas, *Földrajzi Közlemények*, **101** (1-3), 3-16. [dune]
- Borsy, Z. 1978. Formen der ungarischen Flugsandgebiete und Perioden der Sandbewegung, *Wissenschaftliche Zeitschrift der Ernst-Moritz-Arndt Universität Greifswald*, **27**, *mathematisch-naturwissenschaftliche Reihe*, (1-2), 7-9. [dune stbnd abstract in Busche *et al.* 1984]
- Borsy, Z. 1986. Research in areas of blown sand (in Hungary), in *Physical geography and geomorphology in Hungary*, Eds. Pécsi, M. and Loczy, D., Hungarian Academy of Sciences, Geographical Research Institute, 77-82. [dune]
- Borsy, Z. 1987. Palaeogeography of blown sand in Hungary, in *Palaeogeography and loess*, Eds. Pécsi, M. and Velichko, A., Akadémiai Kiadó, *Studies in Geography in Hungary*, **21**, 75-87. [dune]
- Borsy, Z., Csongor, E. and Szabol, I. 1982. Mobile sand phases in the north-east part of the Great Hungarian Plain, in *Quaternary studies in Hungary*, Ed. Pécsi, M., International Quaternary Research Association (INQUA), Hungarian National Committee, Hungarian Academy of Sciences, Budapest, 193-208. [stbnd dune]

- Bosazza, V.L. 1953. The palaeogeography of the Kalahari Desert in southern Africa (abstract), *19th International Geological Congress, Algiers*, **7**, 103. [dune stbdn]
- Bosazza, V.L., Adie, R. and Brenner, S. 1946. Man and the Great Kalahari Desert, *National University College of Science*, **5**, 1-9. [dune ?]
- Bosson, J. 1982. Protection contre les exés climatiques en zones arides, *Plasticulture*, **55**, 33-42. [dnuse glue]
- Botelho da Costa, J.V. and Azevedo, A.L. 1949. Caractéristiques et distribution des groupes de sols d'Angola, *Bulletin Agriculture de Congo belge*, **1**, 253-278. [stbdn]
- Bougan, S. and Greeley, R. 1985. 'Micro-dunes' and other aeolian bedforms in high-density atmospheres, *Proceedings of the International Workshop on the Physics of Blown Sand* Aarhus, May 28-31, Eds. Barndorff-Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 369-376. [ripple]
- Bougan, S., Marshall, J.R. and Greeley, R. 1984. Aeolian bedforms and sorting in mixed sands on Venus, *EOS, American Geophysical Union*, **65** (45), 982. [sdmo dune ripple ?]
- Boulaine, J. 1954. La Sebkha Ben Ziane et sa 'lunette' ou bourrelet: exemple de complexe morphologique formé par la dégradation éolienne des sols salé, *Revue de Géomorphologie Dynamique*, **5** (3), 102-123. [dune]
- Boulaine, J. 1956. Les lunettes des basses plaines oranaises: formations éoliennes argileuses lié à l'extension des sols salins; la Sebkha de Ben Ziane; la dépression de Chentrit, *Proceedings of the 4th the International Conference*, International Quaternary Research Association (INQUA), 143-150. [dune]
- Boulet, R. 1964. *Etude pédalogique du Niger central*, Office de la Recherche scientifique et technique de l'Outre Mer (ORSTOM), Paris / Ministère de l'Economie Rurale, Niamey, ** [dsol dnsol]
- Boulet, R. 1968. *Etude pédalogique de la Haute-Volta*, Office de la Recherche scientifique et technique de l'Outre Mer (ORSTOM), Dakar, ** [dsol dnsol]
- Boulet, R. 1972. Nouveaux arguments en faveur de l'existence de deux ergs rubéfiés d'âge différents dans la zone sahélienne d'Afrique occidentale (Haute-Volta), *Actes di VI^e Congrès panafricain de Préhistoire*, Dakar, 1967, Imprimeries réunies, Chambéry, 334-335. [stbdn pald]
- Boulet, R., Guichard, E. and Vieillefon, J. 1971. Observations pédalogiques et leurs relations avec les faits géomorphologique dans le delta du Sénégal - comparaison avec les observations effectuées au Niger, *Bulletin de la Association Sénégalaise pour l'Etude du Quaternaire Ouest Africain*, **29**, 103-114. [dune stbdn]
- Bouma, A.H., Hampton, M.A. and Wenekens, M.P. 1977. Large dunes and other bedforms in Lower Cook Inlet, Alaska, *Proceedings of the Offshore Technology Conference*, 79-90. [dunelog]
- Bouma, A.H., Rappaport M.L., Orlando, R.C. and Hampton, M.A. 1980. Identification of bedforms in lower Cook Inlet, Alaska, *Sedimentary Geology*, **26**, 157-178. [dunelog].
- Bourcart, J. 1928. L'action du vent à la surface de la terre, *Revue de Géographie physique et Géologie dynamique*, **1** (1-2), 26-54. [sdmo dune]
- Bourcart, J. and Malycheff, V. 1926. Premiers résultats de recherches sur les sables du Sahara, *Bulletin de la Société géologique de la France, Série 4*, **26** (3-4-5), 191-208. [sand or 27 ??]

- Bourman, R.P. 1986. Aeolian sand transport along beaches, *Australian Geographer*, **17** (1), 30-35. [sdmo dune]
- Bourne, J.A., Twidale, C.R. and Smith, D.M. 1974. The Corrobinnie Depression, Eyre Peninsula, South Australia, *Transactions of the Royal Society of South Australia*, **98** (3), 139-152. [dune]
- Bournerias, M. and Forest, P. 1975. Les dunes de la baie d'Hudson, in *Colloques phytosociologiques, 1, La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz., 31-51. [codn dnveg abstract in Busche *et al.* 1984]
- Bowden, A.R. 1983. Relict terrestrial dunes: legacies of a former climate in coastal northeastern Tasmania, *Zeitschrift für Geomorphologie, Supplement Band*, **45**, 153-174. [stbdn abstract in Busche *et al.* 1984]
- Bowen, A.J. and Inman, D.L. 1966. *Budget of littoral sands in the vicinity of Point Arguello, California*, United States Army, Coastal Engineering Research Centre, **TM-19**, ** pp. [codn]
- Bower, B. 19** Rivers in the sand, *Science News*, **136**, 138-139. [dnuse dune]
- Bowers, J.E. 1982. The plant ecology of inland dunes in western North America, *Journal of Arid Environments*, **5**, 199-220. [dnveg stbdn]
- Bowler, J.M. 1968. Australian landform example: lunette, *Australian Geographer*, **10** (5), 402-404. [dune]
- Bowler, J.M. 1970. *Late Quaternary environments: a study of lakes and associated sediments in south-eastern Australia*, unpublished Ph.D. dissertation, Australian National University, Canberra, 340 pp. [dune]
- Bowler, J.M. 1971. Pleistocene salinities and climatic change: evidence from lakes and lunettes in southeastern Australia, in *Aboriginal man and environment in Australia*, Eds. Mulvaney, D.J. and Golson, J., Australian National University Press, Canberra, 47-65. [dune]
- Bowler, J.M. 1973. Clay dunes: their occurrence, formation and environmental significance, *Earth Science Reviews*, **9**, 315-338.
- Bowler, J.M. 1976. Aridity in Australia: age origins and expression in aeolian landforms and sediments, *Earth Science Reviews*, **12**, 279-310. [stbdn dune]
- Bowler, J.M. 1978a. Glacial-age aeolian events at high and low latitudes, in *Antarctic glacial history and world palaeoenvironments*, Ed. Van Zinderen Bakker, E.M.Sr., Balkema, Rotterdam, 149-172. [sdmo abstract in Niessen, *et al.* 1984]
- Bowler, J.M. 1978b. Quaternary climate and tectonics in the evolution of the Riverine Plain, southeastern Australia, in *Landform evolution in Australasia*, Eds. Davies, J.L. and Williams, M.A.J., Australian National University Press, Canberra, 70-112. [dune]
- Bowler, J.M. 1980. Quaternary chronology and palaeohydrology in the evolution of the mallee landscapes, in *Aeolian landscapes in the semi-arid south-east of Australia*, Eds. Storrier, R.R. and Stannard, M.E., Australian Society of Soil Science, Riverina Branch, 17-36. [geog sa 22 stor stbdn]
- Bowler, J.M. 1983. Lunettes as indices of hydrologic change: a review of Australian evidence, *Proceedings of the Royal Society of Victoria*, **95** (3), 147-168. [stbdn]
- Bowler, J.M. 1986. Quaternary landform evolution, in *Australia: a geography. 1. The natural environment*, Ed. Jeans, D.N., Sydney University Press, Sydney, 117-147. [stbdn]

- Bowler, J.M. and Harford, L.B. 1963. Geomorphic sequence of the Riverine Plain near Echuca, *Australian Journal of Science*, **26** (3), 88. [dune stbdn]
- Bowler, J.M. and Harford, L.B. 1966. Quaternary tectonics and the evolution of the Riverine Plain near Echuca, Victoria, *Journal of the Geological Society of Australia*, **13**, 339-354. [stbdn]
- Bowler, J.M., Hope, G.S., Jennings, J.N., Singh, G. and Walker, D. 1976. Late Quaternary climates of Australia and New Guinea, *Quaternary Research*, **6** (3), 359-394. [stbdn]
- Bowler, J.M. and McGee, J.W. 1978. Geomorphology of the Mallee region in semi-arid northern Victoria and western New South Wales, *Proceedings of the Royal Society of Victoria*, **90** (1), 5-21. [dune]
- Bowler, J.M. and Wasson, R.J. 1984. Glacial age environments of inland Australia, in *Late Cainozoic palaeoclimates of the southern hemisphere*, Ed. Vogel, J.C., Balkema, Rotterdam, 183-208. [stbdn]
- Bowles, D. and McLaren, P. 1985. Optimal configuration and information content of sets of frequency distributions - discussion, *Journal of Sedimentary Petrology*, **55** (6), 931-933. [sand]
- Boyce, S.G. 1954. The salt spray community, *Ecological Monographs*, **24** (1), 29-67. [dnveg codn]
- Boyé, M. 1955. Influence des ruissellements de drainage à marée basse sur l'évolution et la granulométrie d'un cordon littoral sableux, *Revue de Géomorphologie dynamique*, **6**, 117-124. [codn ?]
- Boyko, H., Boyko, E. and Tzuriel, D. 1957. *Ecology of sand dunes in Israel*, ** pp. [codn dnveg dnuse]
- Braak, K. 1919. The morphology of the dunes of the Schoorl (in Dutch), *Tijdschrift van het Koninklijk Nederlands Aardrijkskundig Genootschap*, **2**, **36**, 667-685. [codn]
- Bradbury, J.P. 1980. Late Quaternary vegetation history of the central Great Plains and its relation to eolian processes in the Nebraska Sand Hills, *United States Geological Survey, Professional Paper*, **1120-C**, 25-36. [stbdn abstract in Niessen, *et al.* 1984 and in Busche *et al.* 1984]
- Bradley, E. 1956. Geology and groundwater resources of the upper Niobrara River basin, Nebraska and Wyoming, *United States Geological Survey, Water-Supply Paper*, **1368**, 70 pp. [stbdn dnhyd]
- Bradley, J.S. 1957. Differentiation of marine and subaerial sedimentary environments by volume percentage of heavy minerals, *Journal of Sedimentary Petrology*, **27** (2), 116-125. [sand]
- Bragg, T.B. 1978. Effects of burning, cattle grazing and topography on vegetation of the choppy sands range site in the Nebraska Sand Hills prairie, *Proceedings of the 1st International Rangeland Congress*, Ed. Hyder, D.N., Society for Range Management, Denver Colorado, 248-253. [stbdn dnveg dnuse aldwyh (B) DM 23]
- Bramkamp, R.A., Gierhardt, R.D., Brown, G.F. and Jackson, R.O. 1956. Geology of the southern Tuwayq quadrangle, Kingdom of Saudi Arabia, *United States Geological Survey, Miscellaneous Geological Inventory Map* **I-212-A**, scale 1:500 000. [dune]
- Bramkamp, R.A., Gierhardt, R.D., Owens, L.D. and Ramirez, L.F. 1963. Geologic map of the western Rub' al Khali quadrangle, Kingdom of Saudi Arabia, *United States Geological Survey, Miscellaneous Geological Inventory Map, Scale 1:500 000*, **I-218-A**. [dune]
- Brandolini, A. and Turchi, F. 1988. Silvuppo agricolo integrato e lotta conto la desertificazione nel Nefzaoua tunisino, *Revista Agricoltura Suptropico e Tropico*, **82** (1), 5-21. [dnuse]
- Branner, J.C. 1890. The eolian sandstone of Fernando de Noronha, *American Journal of Science*, **39**, 247-257. [dnbed]

- Branner, J.C. 1900. The origin of beach cusps, *Journal of Geology*, **8** (4), 481-484. [dunelog]
- Branner, J.C. 1901. On Gilbert's giant ripples, *Journal of Geology*, **9** (4), 535-536. [dunelog]
- Brantley, S.I., Crane, S.R., Crerar, D.A., Hellman, R. and Stallard, R. 1986. Dissolution at dislocation etch-pits in quartz, *Geochimica et Cosmochimica Acta*, **50** (10), 2349-2361. [sand]
- Brantley, S.I., Crane, S.R., Crerar, D.A., Hellman, R. and Stallard, R. 1986b. Dissolution at dislocation etch-pits in quartz, *American Chemical Society (ACS), Symposium Series*, **322**, 635-649. [sand]
- Brauckhoff, K. 1969. Trockendichte und verdichtungsgrad natürlich abgelagerter und künstlich eingebrachter strand- und Dünenande, *Wasserwirtschaft, Wassertechnik*, **18** (6), 198-199. [dnuse codn abstract in Busche *et al.* 1984]
- Braun, B.H. 1976. *Swamp and dryland soils of the Okavango delta. Effect of wind erosion on Kalahari sand soils, Technical Document*, **4**, **FAO-AGO-UNDP/BOT/72/019**, Food and Agriculture Organisation of the United Nations (FAO), Gaborone, 45 pp. [wnerop dnsol dnuse abstract in Busche *et al.* 1984]
- Braun, G. 1911a. *Entwicklungsgeschichtliche Studien an europäischen Flachlandsküsten und ihrer Dünen, Veröffentlichungen*, **15**, Universität Berlin, Institut für Meerskunde, 174 pp. [codn]
- Braun, G. 1911b. Einige Ergebnisse entwicklungsgeschichtliche Studien an europäischen Flachlandsküsten und ihrer Dünen, *Zeitschrift für Gesellschaft, Erdkunde, Berlin*, 543-560. [codn]
- Breed, C.S. 1975. Sand dunes in desert areas (abstract), *Northern Arizona Remote Sensing Symposium*, United States Geological Survey, Flagstaff, AZ, **
- Breed, C.S. 1977. Terrestrial analogs of the Hellespontus dunes on Mars, *Icarus*, **30** (2), 326-340.
- Breed, C.S. 1984a. Landforms shaped by desert winds, *Journal of Desert Research*, **4**, 2-10. [dune]
- Breed, C.S. 1984b. Geomorphic aspects of China's desertification problem and de-desertification efforts, *Technical Report*, **1**, United States Geological Survey, 9 pp. [dune]
- Breed, C.S. and Breed, W.J. 1978. Field studies of sand-ridge dunes in central Australia and northern Arizona (abstract), *Memorandum*, **TM-79729**, National Aeronautics and Space Administration (NASA), Washington DC, 216-218.
- Breed, C.S. and Breed, W.J. 1979. Dunes and other windforms of central Australia, (and a comparison with linear dunes on the Moenhopi Plateau, Arizona), in *Apollo-Soyuz test project, Earth observations and Photography*, **SP-412. 2**, National Aeronautics and Space Administration (NASA), Washington DC, 319-358. [abstract in Busche *et al.* 1984]
- Breed, C.S., Embabi, N.S., El-Etr, H. and Grolier, M.J. 1980. Wind deposits in the Western Desert, *Geographical Journal*, **146** (1), 88-90. [dune abstract in Busche *et al.* 1984]
- Breed, C.S., Fryberger, S.C., Andrews, S., McCauley, C., Lennartz, F., Gebel, D. and Horstman, K. 1979. Regional studies of sand seas using LANDSAT (ERTS) imagery, in *Global sand seas* Ed. McKee, E.D., *United States Geological Survey, Professional Paper*, **1052**, 305-398. [dune abstract in Busche *et al.* 1984]
- Breed, C.S., Grolier, M.J. and McCauley, J.F. 1979a. Morphology and distribution of common 'sand' dunes on Mars. Comparison with Earth, *Journal of Geophysical Research*, **84** (B14), 8183-8204.
- Breed, C.S., Grolier, M.J. and McCauley, J.F. 1979b. Eolian features in the Western Desert of Egypt and some applications to Mars, *Journal of Geophysical Research*, **84** (B14), 8205-8221. [dune]
- Breed, C.S. and Grow, T. 1979. Morphology and distribution of dunes in sand seas observed by remote

sensing, in *A study of global sand seas*, Ed. McKee, E.D., *United States Geological Survey, Professional Paper*, **1052**, 253-303. [abstract in Busche *et al.* 1984]

Breed, C.S., McCauley, J.F., Breed, W.J., McCauley, C.K. and Cotera, A.S.Jr. 1984. Eolian (wind-formed) landscapes, in *Landscapes of Arizona: the geological story*, Eds. Smiley, T.L., Nations, J.D., Pese, T.L. and Schafer, J.P., University Press of America, Banham, MD, 359-413. [dune or B, McCJF, Breed, D'Cotera and McC C.K ??]

Breed, C.S., McCauley, J.F. and Davis, P.A. 1987. Sand sheets of the eastern Sahara and ripple blankets on Mars, in *Desert sediments: ancient and modern*, Eds. Frostick, L.E. and Reid, I., *Special Publication*, **35**, Geological Society of London, 337-360. [dune geol e 58 fro]

Breed, C.S., McCauley, J.F. and Grolier, M.J. 1980. Eolian features of the north polar region of Mars; comparison with Earth, in *Reports of planetary geology program, 1979-80*, Comp. Wirth, P., Greeley, R. and D'Alli, R., *Technical Memorandum*, **81776**, National Aeronautics and Space Administration (NASA), Washington DC, 249 pp. [dune]

Breed, C.S., McCauley, J.F. and Grolier, M.J. 1982. Relic drainages, conical hills, and the eolian veneer in southwest Egypt - applications to Mars, *Journal of Geophysical Research*, **87** (B12), 9929-9950. [dune]

Breed, C.S., McCauley, J.F., Ward, A.W. and Fryberger, S.F. 1978. Dune types and distribution in sand seas, Earth and Mars (abstract), *Planetary Geology Field Conference on Aeolian Processes, Publication*, **TM-78455**, National Aeronautics and Space Administration (NASA), Washington DC, 9.

Breed, C.S. and McKee, E.D. 1973. Sand dunes in desert areas, Tucson, Arizona, *Remote sensing in arid lands. Proceedings of the 4th Annual Conference*, University of Arizona, Tucson, AZ, 160-171.

Breed, C.S. and Ward, A.W. 1979. Longitudinal dunes on Mars (abstract), *Conference Publication*, **2072**, National Aeronautics and Space Administration (NASA), Washington DC, 10 pp.

Breed, W.J. and Breed, C.S. 1978. Star dunes as a solitary feature in the Grand Canyon, Arizona and a sand sea in Sonora, Mexico (abstract), in *Abstracts for the Planetary Geology Field Conference on Aeolian Processes, Publication*, **TM-780455**, National Aeronautics and Space Administration (NASA), Washington, DC, 11-12.

Bremner, J.M. 1984. The coastline of Namibia, *Technical Report*, **15**, Joint Geological Survey, University of Cape Town Marine Geoscience Group, 200-206. [dune]

Brémontier, N.T. 1790. Mémoire sur les dunes **, *Annales des Ponts et Chaussées*, **1**, 145-224. [quoted in GP Marsh, *Man and nature*, p 398 codn dnuse]

Brémontier, N.T. 1833. Mémoire sur les dunes ** entre Bayonne et la Pointe de Grave, *Annales des Ponts et Chaussées*, **1**, 145-224. [or **5**, 158-162 ?? codn **69** see summary in GP Marsh, *Man and nature*, p 384]

Brera, A.M. 1978. Application of Landsat data to monitor desert spreading in the Sahara region, *Proceedings of the 12th International Symposium on Remote Sensing of Environment*, 1329-1335. [desmon drto, dune ? and Shahrokhi, F. ??]

Brera, A.M. 1979. *Application of Landsat imagery to monitor sand dune movement*, University of Tennessee, Unpublished Ph.D. dissertation, 247 pp.

Bressolier, C. 1984. *Bibliographie analytique des côtes de France, Landes et Pays Basque, Mémoires*, **37**, Laboratoire de Géomorphologie, EPHE, 197 pp. [codn]

Bressolier, C. and Thomas, Y.F. 1977. Studies on wind and plant interactions on French Atlantic coastal dunes, *Journal of Sedimentary Petrology*, **47** (1), 331-338. [codn]

- Bretz, J.H. 1960. Bermuda: a partially drowned, late mature, Pleistocene karst, *Bulletin of the Geological Society of America*, **71** (12), 1729-1754. [codn]
- Breuninger, R.H., Gillette, D.A. and Kihl, R. 1989. Formation of wind-erodible aggregates for salty soils and soils with less than 50% sand composition in natural terrestrial environments, in *Palaeoclimatology and palaeometeorology: modern and past patterns of global atmospheric transport*, Eds. Leinen, M. and Sarnthein, M., Kluwer Academic, Dordrecht, 31-64. [sdmo]
- Brewer, R. 1956. A petrographic study of two soils in relation to their origin and classification, *Journal of Soil Science*, **7**, 268-279. [dnsol]
- Brewer, R. and Bettenay, E. 1973. Further evidence concerning the origin of the Western Australian sand plains, *Journal of the Geological Society of Australia*, **19**, 533-541. [dune]
- Bricard, J. 1953. L'électrisation des poussières, application aux vents de sable, in *Actions éoliennes: phénomènes d'évaporation et d'hydrologie superficielle dans les régions arides, Colloques internationaux*, **35**, Centre national de Recherche scientifique (CNRS), Paris, 33-43. [sdmo abstract in Busche *et al.* 1984]
- Bridge, B.J. and Ross, P.J. 1983. Water erosion in vegetated sand dune at Cooloola, southeast Queensland, *Zeitschrift für Geomorphologie, Supplement Band*, **45**, 227-244. [stbdn]
- Bridge, J.S. 1976. Bed topography and grain size in open channel bends, *Sedimentology*, **23** (3), 407-414. [dunelog]
- Bridge, J.S. 1977. Flow, bed topography, grain size and sedimentary structures in open channel bends: a three-dimensional model, *Earth Surface Processes*, **2** (4), 401-416. [dunelog]
- Bridge, J.S. 1978a. Palaeohydraulic interpretation using mathematical models of contemporary flow and sedimentation in meandering channels, in *Fluvial sedimentology*, Ed. Miall, A.D., *Memoir*, **5**, Canadian Society of Petroleum Geologists, 723-742. [dnbed dunelog]
- Bridge, J.S. 1978b. Origin of horizontal lamination under turbulent boundary layers, *Sedimentary Geology*, **20** (1), 1-16. [dnbed]
- Bridge, J.S. 1981a. Bed shear stress over subaqueous dunes, and the transition to upper-stage plane beds, *Sedimentology*, **28** (1), 33-36. [sdmo]
- Bridge, J.S. 1981b. A discussion of Bagnold's (1956) bedload transport theory in relation to recent developments in bedload modelling, *Earth Surface Processes and Landforms*, **6** (2), 187-190. [sdmo dunelog?]
- Bridge, J.S. 1981c. Hydrodynamic interpretation of grain-size distributions using a physical model for bedload transport, *Journal of Sedimentary Petrology*, **51** (4), 1109-1124. [sdmo]
- Bridge, J.S. and Best, J.L. 1988. Flow, sediment transport and bedform dynamics over the transition from dunes to upper-stage plane beds: implications for the formation of planar laminae, *Sedimentology*, **35** (5), 753-763. [dunelog]
- Bridge, J.S. and Leeder, M.R. 1979. A simulation model of alluvial stratigraphy, *Sedimentology*, **26** (5), 617-644. [dunelog sdmo dnbed]
- Briem, E. 1977. Beiträge zur Genese und Morphodynamik des Ariden Formenschatzes unter Besonderer Berücksichtigung des Problems der Flachengildung, Aufgezeigt am Beispiel der Sandschwemmedenen in der östlichen zentralen Sahara, *Berliner geographische Abhandlungen*, **26**, 89 pp. [sand sheets dune,

investigation on the genesis and morphodynamics of arid forms with special consideration of the problems of plain construction, the example of the sand plains ..

Brier, F.W. 1972. *Snowdrift control techniques and procedures for polar facilities*, Technical Report, **R 767**, Naval Civil Engineering Laboratory, Port Heuneme, CA, ** pp. [sdmo dnuse

Briggs, J.D. 1983. *Heavy mineralogy of the Qatar desert sands*, Unpublished Report, Qatar Ministry of Public Works, **

Briggs, L.I., McCulloch, D.S. and Moser, F. 1962. The hydraulic shape of sand grains, *Journal of Sedimentary Petrology*, **32** (4), 645-656.

Briquet, A. 1923. Les dunes littorales, *Annales de Géographie*, **32**, 385-394. [codn

Briquet, A. 1926. Les dunes paraboliques de la Baule-les-Pins, *Annales de Géographie*, **35**, 454-458. [codn

Briquet, A. 1930. *Le littoral du nord de la France et son évolution morphologique*, A. Colin, Paris, 440 pp. [codn

Bridge, J.M. and Godfrey, P.J. 1977. Off-road vehicle impact in Cape Cod National Seashore: disruption and recovery of dune vegetation, *International Journal of Biometeorology*, **21**, 299-306. [codn dnveg dnuse

Broggi, J.A. 1952. Migracion de arenas a lo Largo della Costa Peruana, *Boletin de la Sociedad Geologica del Peru*, **24**, 1-25. [sdmo

Broggi, J.A. 1961. Las ciclopeas dunas compuestas da la costa Peruana, su origen y signification climatica, *Sociedad Geologica del Peru, Boletin*, **36**, 61-66. [dune

Brookfield, M. 1970. Dune trends and wind regime in central Australia, *Zeitschrift für Geomorphologie, Supplement Band*, **10**, 121-153. [abstract in Busche *et al.* 1984

Brookfield, M.E. 1977. The origin of bounding surfaces in ancient eolian sandstones, *Sedimentology*, **24** (3), 303-332. [dnbed

Brookfield, M.E. 1979. Anatomy of a Lower Permian aeolian sandstone complex, southwestern Scotland, *Scottish Journal of Geology*, **15** (1), 81-96. [dnbed

Brookfield, M.E. 1980a. Permian intermontane basin sedimentation in southern Scotland, *Sedimentary Geology*, **27**, 167-194. [dnbed

Brookfield, M.E. 1980b. Evolution of recent and ancient ergs (sand seas) (abstract), *International Geological Congress, Abstracts*, **26** (2), 443. [dune

Brookfield, M.E. 1982. Eolian sediments and processes, *Episodes*, **2**, 9-10. [dune sand dnbed abstract in Busche *et al.* 1984

Brookfield, M.E. 1984. Eolian sands, in *Facies models, Geosciences Canada Reprint Series*, **1**, Ed. Walker, R.G., 91-103. [dnbed

Brookfield, M.E. 1989. Rotliegendes desert sedimentation in Scotland, *Zeitschrift, geologische Wissenschaften*, **17** (3), 205-241. [dnbed

Brookfield, M.E. and Ahlbrandt, T.S., Eds. 1983. *Eolian sediments and processes, Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 660 pp. [geog e 30 bro

- Brooks, A. 1979. *Coastlands*, British Trust for Nature Conservation Volunteers, London, 20 pp. [codn dnuse]
- Brooks, I.A. 1989. Above the salt: sediment accretion and irrigation agriculture in an Egyptian oasis, *Journal of Arid Environments*, **17** (3), 335-348. [dnuse sdmo]
- Broome, S.W. 1978. Transplanting coastal dune and marsh grasses, *Agronomy Review*, **, 18-20. [codn dnveg dnuse]
- Brosset, D. 1939a. Essai sur les ergs du Sahara occidental, *Travaux de l'Institut français de l'Afrique noire*, **1**, Dakar, 657-690. [dune 63/191]
- Brosset, D. 1939b. Essai sur les ergs du Sahara occidental, *Annales de Géographie*, **, (431), 2-19. [dune]
- Brothers, R.N. 1954. A physiographic study of Recent sand dunes on the Auckland west coast, *New Zealand Geographer*, **10** (1), 47-59. [codn]
- Brown, D.J. and Hutchinson, P. 1979. The interaction of solid or liquid particles and turbulent flow fields - a numerical simulation, *Transactions of the American Society of Mechanical Engineers, Journal of Fluids Engineering*, **101**, 265-272. [sdmo]
- Brown, G.A. 1959. Desert dune sands from the Canning Basin, Western Australia, *Records of the Geological Survey of Western Australia*, **1959/82**, **
- Brown, G.F. 1960. Geomorphology of western and central Saudi Arabia, *Report, 21st International Geological Congress*, Copenhagen, **21**, 150-159. [dune]
- Brown, G.F., Schmidt, D.L. and Huffman, A.C. 1989. *Geology of the Arabian Peninsula: shield area of western Saudi Arabia*, *United States Geological Survey, Professional Paper*, **560-A**, 188 pp. [dune]
- Brown, J.C. 1878. *Pine planting on the sand wastes of France*, ** Edinburgh, 172 pp. [dnuse dnveg]
- Brown, J.C. 1958. Soil fungi of some British sand dunes in relation to soil types and succession, *Journal of Ecology*, **46**, 641-664. [codn dnveg dnsol]
- Brown, J.E. 1973. Depositional histories of sand grains from surface textures, *Nature*, **242**, 396-398.
- Brown, J.H. and Lieberman, G.A. 1973. Resource utilization and co-existence of seed-eating desert rodents in sand dune habitats, *Ecology*, **54**, 788-797. [dnveg]
- Brown, K. 1988. Ecophysiology of *Prosopis cineraria* in the Wahiba Sands with reference to its reafforestation potential, in *Scientific results of the Royal Geographical Society's Oman Wahiba Sands project*, Ed. Dutton, R., *Journal of Oman Studies, Special Report*, **3**, 257-270. [dnveg]
- Brown, L. 1965. Red sands, gemsbok and dune beetles: the southern deserts and sub-deserts, in *Africa: a natural history*, Ed. L. Brown, Random House, New York, 202-219. [geog qtos q 30 bro dnveg]
- Brown, R.J. 1960. Geomorphology of western and central Saudi Arabia, *21st International Geological Congress*, Copenhagen, 150-159 [dune]
- Brown, R.L. 1948. Permanent coastal dune stabilization with grasses and legumes, *Journal of Soil and Water Conservation*, **3**, 69-74. [codn dnuse]
- Brown, R.L. and Hafenrichter, A.L. 1948. Factors affecting the production and use of beach grass and dune grass clones for erosion control. I. Effect of date of planting, *Journal of the American Society of Agronomy*, **40**, 512-521. [codn dnuse]

- Brown, R.L. and Hafenrichter, A.L. 1962. Stabilizing sand dunes on the Pacific coast with woody plants, *Miscellaneous Publication*, **892**, Soil Conservation Service, United States Department of Agriculture, Washington, DC, 72 pp. [codn dnuse]
- Brown, W.E. and Saunders, R.S. 1978. Radar backscatter from sand dunes, *Technical Memorandum*, **TM-79729**, National Aeronautics and Space Administration (NASA), Washington, DC, 137-139.
- Bruckner, H., Mangini, A., Montagnoni, L. and Rescher, K. 1987. Miliolite occurrences on Kathiawar peninsula (Gujarat), India. Latest result from chronostratigraphical ** *Geographical Studies*, **25**, 343-361. [codn]
- Brüel, J. 1918. *Klitterne i Vestjylland og på Bornholm*, Nordisk Forlag, København, 133 pp. [codn]
- Brugmans, F. 1983. Wind ripples in an active drift sand area in the Netherlands: a preliminary report, *Earth Surface Processes and Landforms*, **8** (6), 527-534.
- Brunhes, J. 1902. Sur les rôles des tourbillons dans l'érosion éolienne, *Comptes rendus de l'Académie des Sciences, Paris*, **135**, 1132-1134. [sdmo]
- Brunsdon, D. and Cooke, R.U. 1986. *The Wahiba Sands Project 1885/6: a description of the Wahiba Sands*, Royal Geographical Society, London, 75 pp. [dune]
- Brunsdon, D., Cooke, R.U. and Jones, D.K.C. 1988. Preliminary observations on sand-drift problems in Badiya, in *Scientific results of the Royal Geographical Society's Oman Wahiba Sands project*, Ed. Dutton, R., *Journal of Oman Studies, Special Report*, **3**, 185-190. [sdmo dnuse]
- Brunt, D. 1937. Natural and artificial clouds, *Quarterly Journal of the Royal Meteorological Society*, **63**, 277-288. [dunelog]
- Brush, L.M., Einstein, H.A., Simons, D.B., Vanoni, V.A. and Kennedy, J.F. 1966. Nomenclature for bedforms in alluvial channels, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **92**, 51-64. [dunelog]
- Brutsaert, W. 1982. Exchange processes of the earth-atmosphere interface, in *Engineering meteorology*, Ed. Plate, E.J., Elsevier, ** [sdmo]
- Bryan, K. 1932. Characteristic forms of dune fields (review of "Le cycle morphologique des dunes" by L. Aufrère), *Geographical Review*, **22** (2), 325-327.
- Bryan, K. and McCann, F.T. 1943. Sand dunes and alluvium near Grants Ferry, New Mexico, *American Antiquity*, **8**, 281-295.
- Brzozowski, J. 1962. Dunes of the NW part of the Jedrzejów Upland (Polish, English abstract), *Rocz-i Nauk-Dydakt. WSP Kraków*, **10**, 25-34. [stbnd]
- Buchbinder, L.G. and Friedman, G.M. 1980. Vadose, phreatic and marine diagenesis of Pleistocene-Holocene carbonates in a borehole: Mediterranean coast of Israel, *Journal of Sedimentary Petrology*, **50** (2), 395-408. [codn dnbed]
- Bucher, W.H. 1917a. "Giant ripples" as indicators of paleogeography, *Bulletin of the Geological Society of America*, **28**, 161-162. [dune ?]
- Bucher, W.H. 1917b. Large current as indicators of paleogeography, *Proceedings of the National Academy of Science*, **3**, 285-291. [dune ?]
- Bucher, W.H. 1919. On ripples and related surface sedimentary forms, *American Journal of Science*, (4th Series, **47**), **279**, 149-210; **280**, 241-269.

- Buchholtz, G. and von Maydell, H.J. 1965. *Aufforstungen in den ariden Gebieten der Sowjetunion. Bericht über russische Erfahrungen seit 1841, Mitteilungen der Bundesforschungsanstalt für Forst- und Holzwirtschaft, Reinbeck bei Hamburg, Weltforstwirtschaft*, **59**, 182 pp. [dnuse dnveg abstract in Busche *et al.* 1984]
- Buckland, P.C. 1982. The cover sands of North Lincolnshire and the Vale of York, in *Papers in Earth studies. Lovatt Lectures - Worcester*, Geobooks, Norwich, 143-178. [stbdn]
- Buckler, W.R. 1986. Establishing geomorphic criteria for Michigan's Sand Dune Protection and Management Act, *Applied Geography Conferences*, State University of New York, Binghamton, **9**, 73-84. [dnuse]
- Buckley, P.A. 1980. Reconciling structural and non-structural solutions to coastal erosion problems, in *Barrier island forum and workshop*, Eds. Mayor, B.S. and Smith, L.B.Jr., United States National Park Service, North Atlantic Region, Boston, 148-168. [codn dnuse]
- Buckley, R.C. 1979a. *Soils and vegetation of central Australian sandridges*, unpublished Ph.D. dissertation, Australian National University, Canberra, ** pp. [dune dveg]
- Buckley, R.C. 1979b. *Soils and vegetation of central Australian sandridges: a review, Technical Memorandum*, **79/19**, Commonwealth Scientific and Industrial Organization (CSIRO), Division of Land Use Research, ** pp. [dune dveg]
- Buckley, R.C. 1981a. Central Australian sandridges, *Journal of Arid Environments*, **4** (2), 91-101. [dune]
- Buckley, R.C. 1981b. Parallel dunefield ecosystems: southern Kalahari and central Australia, *Journal of Arid Environments*, **4** (4), 287-298. [dnveg abstract in Busche *et al.* 1984]
- Buckley, R.C. 1981c. Soils and vegetation of central Australian sand ridges. III. Sand ridge vegetation in the Simpson Desert, *Australian Journal of Ecology*, **6**, 405-422. [dnveg]
- Buckley, R.C. 1982a. Soil and vegetation of the central Australian sandridges. IV. Soils, *Australian Journal of Ecology*, **7** (2), 187-200. [dune dnveg]
- Buckley, R.C. 1982b. The use and conservation of central Australian sandridges, *Biological Conservation*, **22** (2) 197-206. [dnveg dnuse dune abstract in Busche *et al.* 1984]
- Buckley, R.C. 1983a. The role of soil mobility in controlling a vegetation gradient, *Australian Journal of Ecology*, **8**, 77-80. [sdmo dnveg]
- Buckley, R.C. 1983b. The role of fire in maintaining a small-scale vegetation gradient: a test of Mutch's hypothesis, *Oikos*, **41** (3), 291-292. [dnuse dnveg]
- Buckley, R.C. 1985. Development in the central Australian arid zone: current assessment, *Journal of Arid Environments*, **8** (3), 173-190. [dnuse]
- Buckley, R.C. 1986a. Fire in Australian arid sandridge vegetation, in *Rangelands: resource under siege*, Eds. Joss, P.J., Lynch, P.W. and Williams, O.B., *Proceedings of the 2nd International Rangeland Congress*, Adelaide, May, 1985, Cambridge University Press, Cambridge, 593-594. [dnuse dnveg]
- Buckley, R.C. 1986b. Comparing desert history by soil nutrient profiles, *Search*, **17** (7-9), 199-202. [dnsol, dune]
- Buckley, R.C. 1987. The effect of sparse vegetation on the transport of dune sand by wind, *Nature*, **325** (6013), 426-428. [dnveg sdmo]

- Buckley, R.C. 1989. Grain-size characteristics of linear dunes in central Australia, *Journal of Arid Environments*, **16** (1), 23-28. [sand]
- Buckley, R.C., Chen, W., Liu, Y. and Zhu, Z. 1986. Characteristics of the Tengger dunefield, north-central China, and comparison with the central Australian dunefields, *Journal of Arid Environments*, **10** (2), 97-101.
- Buckley, R.C., Wasson, R. and Gubb, A. 1986. Phosphorus concentration in sodium-bicarbonate and citric acid extracts from arid sandy soils, *Communications in Soil Science and Plant Analysis*, **17** (5), 491-496. [dveg dsol]
- Buckley, R.C., Wasson, R. and Gubb, A. 1987a. Parallel dunefield ecosystems: predicted soil nitrogen gradient tested, *Journal of Arid Environments*, **12** (2), 105-110. [dnveg dnsol]
- Buckley, R.C., Wasson, R. and Gubb, A. 1987b. Phosphorus and potassium status of arid dunefield soils in central Australia and southern Africa and biogeographic implications, *Journal of Arid Environments*, **13** (3), 211-216. [dnveg dnsol]
- Buffault, P. 1895. Une erreur historique, *Revue des Eaux et Forêts*, ** pp. [codn dnuse]
- Buffault, P. 1896. La naissance de la forêt des dunes du Médoc, *Revue des Eaux et Forêts*, ** [codn dnuse]
- Buffault, P. 1897a. Acclimatisation de divers végétaux dans les dunes du Médoc, *Revue des Eaux et Forêts*, ** [codn dnuse]
- Buffault, P. 1897b. Aperçu d'ensemble de la région landaise: sa transformation par la Forêt, *Revue des Eaux et Forêts*, **64**, 273-280; 338-346. [codn dnuse]
- Buffault, P. 1897c. *Etude sur la côte et les dunes du Médoc*, Iehl, Sauvigny, ** [codn dnuse]
- Buffault, P. 1905. La marche envahissante des dunes de Gascogne avant leur fixation, *Bulletin de Géographie historique et descriptive*, ** 183-212. [rgs 482 c-e codn dnuse where is ??: Les debuts de la fixation des dunes de Gascogne avant leur fixation,
- Buffault, P. 1912. Dunes intérieures de Gascogne, *Revue de la Société Géographique Comm. Bordeaux*, **38**, 195-199. [stbdn codn]
- Buffault, P. 1942a. *Histoire des dunes maritimes de la Gascogne*, Editions Delmas, Bordeaux, 446 pp. [codn same as below ??]
- Buffault, P. 1942b. *Sur la configuration des dunes de Gascogne*, Editions Delmas, Bordeaux, 464 pp. [codn same as above ??]
- Bui, E.N., Mazullo, J.M. and Wilding, L.P. 1989. Using quartz grain size and shape analysis to distinguish between aeolian and fluvial deposits in Dallol Bosso of Niger (West Africa), *Earth Surface Processes and Landforms*, **14** (2), 157-166. [sand]
- Buire, M., Allavoine, P. and Sallé, F.-X. 1963. La fixation et le boisement des dunes du nord, *Revue forestière française*, **15** (5), 344-366. [codn dnuse abstract in Busche *et al.* 1984]
- Bulgarianu, V. 1971. Geodynamical considerations on the Holocene eolian sands from the north of the Moldava Veche islet (in Bulgarian), *Dari de Seama ale Sedintelor*, Institut Geologic, **57** (5), 33-52. [dune codn ? stbdn ?]
- Bull, P.A. 1981a. Environmental reconstruction by electron microscopy, *Progress in Physical Geography*, **5**, 368-397. [sand]

- Bull, P.A. 1981b. Surface textures of individual particles (scanning electron microscope analysis), in *Geomorphological techniques*, Ed. Goudie, A.S., Allen and Unwin, London, 90-93. [sand]
- Buller, A.T. and McManus, J. 1972. Simple metric sedimentary statistics used to recognise different environments, *Sedimentology*, **18** (1), 1-21. [sand]
- Bunker, D.G. 1953. The south-west borderlands of the Rub' al Khali, *Geographical Journal*, **119** (4), 420-430. [dune]
- Buol, S.W. and Yessilsoy, M.S. 1964. Genesis study of a Mojave sandy loam profile, *Proceedings of the Soil Science Society of America*, **28** (2), 254-256. [dnsol]
- Burden, R.F. and Randerson, P.F. 1972. Quantitative studies of the effects of human trampling on vegetation as an aid to the management of semi-natural areas, *Journal of Applied Ecology*, **9**, 439-457. [codn dnuse]
- Burford, A.E. 1961. Petrology of the Great Sand Dunes, Colorado, *Proceedings of the West Virginia Academy of Sciences*, **33**, 87-90. [sand]
- Burford, A.E. and Hutchinson, D.M. 1967. *Provenance of the Great Sand Dunes, Colorado*, unpublished MS, Great Sand Dunes National Monument Library, **
- Burford, A.E. and Hutchinson, D.M. 1968. *Insight into the origin of the Great Sand Dunes, Colorado, Special Paper*, **115**, Geological Society of America, 28 pp.
- Burgess, A. and Drover, D.P. 1953. The rate of podzol development in sands of the Woy-Woy District, New South Wales, *Australian Journal of Botany*, **1** (1), 83-94. [codn? dnsol]
- Burggraaf van Nierop, Y.D. and van der Meijden, E. 1984. The influence of rabbit scrapes on dune vegetation, *Biological Conservation*, **30** (2), 133-146. [dnveg codn]
- Büring, W. 1971. Standortverbesserung mit AGROSIL bei unterschiedlichen Aufgabenstellungen, in *Lebender Baustoff – Pflanze. – BDGA*, **11**, Seminar, Callwey, Munich, 76-82. [dnuse abstract in Busche *et al.* 1984]
- Burk, C.J., Curran, H.A. and Czerniak, T.M. 1981. Dunes and vegetation: natural recovery on a damaged barrier island, *Shore and Beach*, **49** (1), 21-25. [codn dnveg abstract in Busche *et al.* 1984]
- Burke, W. 1974. An experiment on stabilizing sand dunes against wind, *Farm Food Research*, **5** (4), 82-84. [dnuse]
- Burrell, G.J. 1971. The locational and spatial analysis of a dune system in the Ziz valley, southern Morocco, *Reading Geographer*, **2**, 24-41. [ripple]
- Burzlauff, D.F. 1962. A soil and vegetation inventory and analysis of three Nebraska Sand Hills range sites, *Research Bulletin*, **206**, University of Nebraska, Agriculture Experimental Station, Lincoln, NB, 32 pp. [dnsol dnveg stbdn dnuse]
- Busche, D. 1977. Eolian processes and stabilization of migrating sands in the New valley, Egypt, in *Dune stabilization. A survey of the literature on dune formation and dune stabilization*, *Schriftenreihe der GTZ*, **65**, 170-186. [dnuse]
- Busche, D. 1982. *Die geomorphologische Entwicklung des westlichen Murzuk-Beckens, des Djado-Plateaus und des nördlichen Kaouar (zentrale Sahara)*, unpublished dissertation, geographische Institut, Universität Würzburg, ** pp. [dune sand abstract in Busche *et al.* 1984]
- Busche, D., Draga, M. and Hagedorn, H. 1984. *Les sables éoliens - modelés et dynamique - la menace*

éolienne et son contrôle, bibliographie annotée, Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), T2 Verlagsgesellschaft, GmbH, Rossdorf, FRG, 800 pp. [dune dnuse geog e 23 bus

Busche, D. and Hagedorn, H. 1980. Landform development in warm deserts - the central Saharan example, *Zeitschrift für Geomorphologie, Supplement Band*, **36**, 123-139. [dune

Businger, J.A., Wyngaard, J.C., Izumi, Y. and Bradley, E.F. 1971. Flux-profile relationships in the atmospheric surface layer, *Journal of Atmospheric Sciences*, **28**, 181-189. [sdmo

Butler, B.E. and Churchward, H.M. 1983. Aeolian processes, in *Soils: an Australian viewpoint*, Commonwealth Scientific and Industrial Organization (CSIRO), Melbourne, and Academic Press, London, 91-99. [sdmo

Butterfield, G.R. 1986. The effects of non-stationary wind and gustiness upon saltation flux rates, in *Aeolian geomorphology*, Ed. Nickling, W.G., University of Guelph, 41. [sdmo

Butterfield, G.R. 1989. Variations in saltation flux in the crestal regions of transverse dunes, *Dunes '89 Meeting, Proceedings*, Koch Namib Research Foundation, Gobabeb, 4. [sdmo

Butzer, K.W. 1961. Desert landforms at the Kurkur Oasis, Egypt, *Annals of the Association of American Geographers*, **55** (4), 578-591. [dune

Buxton, N. 1989. A note on machair erosion – the natural factors ? in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, SPB Academic, The Hague, 51-56. [codn dnuse dnveg

Bykov, G.E. 1932. Les formes du relief de la région d'Atbassar (Kazakhstan), *Gosudarstvennoe Geograficheskoe Obschches'tvo, Izvestiya*, **64**, 61-75. [dune reviewed under Jorree

Bylov, B.A. 1981. Major desert ecosystems of Central Asia and Khazakhstan, *Problems of Desert Development*, (4), 20-31. [dune

Byrne, M.-L. and McCann, S.B. 1989. Stratification models for vegetated coastal dunes in Atlantic Canada, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 203-125. [codn dnbed

Byrne, R.J. 1968. Aerodynamic roughness criteria in eolian sand transport, *Journal of Geophysical Research*, **73** (2), 541-547. [sdmo

Carroll, D. 1958. Role of clay minerals in the transport of iron, *Geochimica et Cosmochimica Acta*, **14** (1-2), 1-27. [dnsol

Cady, R.C. and Scherer, O.J. 1946. *Geology and groundwater resources of Box Butte County, Nebraska*, United States Geological Survey, Water-Supply Paper, **969**, 102 pp. [dune

Cai Aizhi and Cai Yue'e 1983. A study of depositional causation and characteristics of coast aeolian sand in coast areas in China, *Zhong Guo Sha Mo (Journal of Desert Research)*, **3**, 1-10. (in Chinese, English abstract) [codn dnbed

Cailleux, A. 1935. Traces d'importantes actions éoliennes interglaciaires en Pologne, *Comptes rendus, Académie des Sciences, Paris*, **201**, 486-487. [stbdn

Cailleux, A. 1936. Les actions éoliennes périglaciaires en Europe, *Bulletin de la Société géologique de la France*, **6** (5), 102-104. [dune

Cailleux, A. 1941. L'action du vent et du gelée au Quaternaire dans la région bordelaise, *Bulletin de la Société géologique de la France*, **15** (5), 259-266. [stbdn

- Cailleux, A. 1942. *Les actions éoliennes périglaciaires en Europe*, *Mémoire*, NS **21**, Société géologique de la France, 176 pp. [stbdn]
- Cailleux, A. 1947. L'indice d'émoussé: définition et première application, *Comptes rendus de la Société Géologique de France*, (13-14) 251-252. [sand]
- Cailleux, A. 1949. Morphoscopie de quelques sables de Palestine, *Bulletin de l'Institut d'Egypte*, **31**, 177-180. [sand]
- Cailleux, A. 1951. Interprétation climatique des éolisations pliocène et quaternaire en France, *Comptes rendus sommaires de la Société géologique de la France*, Série 6, (3-4), 44-46. [stbdn]
- Cailleux, A. 1952a. L'indice de émoussée des grains de sable et grès, *Revue de Géomorphologie dynamique*, **2**, 78-87. [sand]
- Cailleux, A. 1952b. Observations à l'article de M. Walther sur les sables éoliens, *Revue de Géomorphologie dynamique*, **3** (2), 99. [sand]
- Cailleux, A. 1952c. Morphoskopische Analyse der Geschiebe und y Sandkorner und ihre Bedeutung für die Paläoklimatologie, *Geologische Rundschau*, **40**, 11-19. [sand abstract in Busche *et al.* 1984]
- Cailleux, A. 1960. Actions du vent périglaciaire pré-Wurmiennes en Europe, *Biuletyn Peryglacjalny*, **9**, 73-81. [stbdn]
- Cailleux, A. 1962. Sables. Formes de terrain, in *Etudes de géologie au détroit de McMurdo (Antarctique)*, Comité national français pour les Recherches antarctiques, **1**, 5-14. [dune abstract in Niessen, *et al.* 1984]
- Cailleux, A. 1967. The periglacial of McMurdo Strait (Antarctica), *Biuletyn Peryglacjalny*, **17**, 57-90. [dune ? abstract in Niessen, *et al.* 1984]
- Cailleux, A. 1969. Quaternary periglacial wind-worn sand in USSR, in *The periglacial environment: past and present*, Ed. Péwé, T.L., Arctic Institute of North America, McGill-Queens University Press, Montreal, 285-301. [sand abstract in Niessen, *et al.* 1984]
- Cailleux, A. 1972. Les formes et dépôts niveo-éoliens actuels en Antarctique et au Nouveau-Quebec, *Cahiers de Géographie de Quebec*, NS **16** (39), 377-409. [dune dnbed abstract in Niessen, *et al.* 1984]
- Cailleux, A. 1972b. Contribution de la morphoscopie des sables à la géomorphologie de l'URSS et du nord-ouest de la Chine, *Hans-Poser-Feschriften, Göttinger geographische Abhandlungen*, **60**, 39-63. [sand]
- Cailleux, A. 1973a. Eolisations périglaciaires quaternaires au Canada, *Biuletyn Peryglacjalny*, **22**, 81-115. [dune stbdn abstract in Niessen, *et al.* 1984]
- Cailleux, A. 1973b. Répartition et signification des différents critères d'éolisation périglaciaire, *Biuletyn Peryglacjalny*, **23**, 51-63. [dune stbdn abstract in Niessen, *et al.* 1984]
- Cailleux, A. 1974. Formes, processus et albedos du niveo-éolien, *Zeitschrift für Geomorphologie*, NF **18** (4), 437-459. [dune abstract in Niessen, *et al.* 1984 dnbed]
- Cailleux, A. 1975. L'histoire du nivéo-éolien et ses enseignements, *Bulletin de Géographie de la Société neuchateloise*, **54** (4), 3-14. [dnbed stbdn abstract in Niessen, *et al.* 1984]
- Cailleux, A. 1976. Formes et dépôts nivéo-éoliens sur la pied de glace à Poste-de-la-Baleine, Quebec subarctique, *Revue de Géographie, Montreal*, **30**, 213-219. [dune abstract in Niessen, *et al.* 1984]

- Cailleux, A. 1978. Niveo-eolian deposits, in *Encyclopaedia of sedimentology*, Eds. Fairbridge, R.W. and Bourgeois, J., Dowden, Hutchinson and Ross, New York, 501-503. [dnbed ? dune Geol A 2 Enc
- Cailleux, A. and Monod, T. 1945. Etude de quelques sables et grès du Sahara occidental, *Bulletin de l'Institut français de l'Afrique noire*, **7** (1-4), 174-190. [sand dnbed
- Cailleux, A. and Wuttke, K. 1964. Morphoscopie des sables quartzeux dans l'ouest des Etats Unis d'Amerique du Nord, *Boletim Paranaense de Geografia*, **10-15**, 79-87. [sand abstract in Busche *et al.* 1984
- California Division of Mines and Geology 1973. *Urban geology: master plan for California*, *Bulletin*, **198**, CDMG, ** [dnuse
- Calkin, P.E. and Rutford, R.H. 1974. The sand dunes of Victoria Valley, Antarctica, *Geographical Review*, **64** (2), 189-216. [abstract in Niessen, *et al.* 1984
- Callot, Y. 1987. *Géomorphologie et paléoenvironnements de l'Atlas saharien au Grand Erg occidental: dynamique éolienne et paléoenvironnement holocène*, Thèse, Paris, *Mémoire*, **87-21**, Science de la Terre, Université de Paris VI, 473 pp. [dune
- Callot, Y. 1988. Evolution polyphasée d'un massif dunaire subtropical: Le Grand Erg occidental (Algérie), *Bulletin de la Société géologique de France*, (8) **4** (6), 1073-1079. [dune
- Calvet, F., Plana, F. and Traviera, A. 1980. La tendencia mineralogica de las eolianitas del Pleistoceno de Mallorca, mediante la aplicacías del metodo de Chung, *Acta Geologica Hispanica*, **15**, 39-44. [codn sand
- Calvin, S. 1897. *Geology of Delaware County, Report of the Iowa Geological Survey*, **8**, 121 pp. [stbnd
- Cameron, R.E. 1969. Cold desert characteristics and problems relevant to other arid lands, in *Arid lands in perspective*, Eds. McGinnies, W.G. and Goldman, B.J., American Association for the Advancement of Science, Washington, DC and University of Arizona Press, Tucson, AZ, 167-205. [dune dnuse
- Campbell, E.M. 1968. Lunettes in southern South Australia, *Transactions of the Royal Society of South Australia*, **92**, 85-109. [dune stbnd
- Campbell, M.R. 1915. Movement of sand dunes on the California coast, *Journal of the Washington Academy of Sciences*, **5**, 328. [codn
- Campbell, R.S. 1929. Vegetative succession in the *Prosopis* sand dunes of southern New Mexico, *Ecology*, **10** (4), 392-398. [dnveg abstract in Busche *et al.* 1984
- Campbell, S. 1989. Soil stabilization by a prokaryotic desert crust: implications for Pre-Cambrian land biota, in *Origins of life*, Ed. ** Reidel, Dordrecht, 335-348. [sdmo dnveg dnbed dnsol
- Canon, L. and Galichet, M. 1975. *Etude de télédétection de la dynamique éolienne de transport, d'accumulation et de corrélation entre l'Erg de Mourzouk et l'Erg d'Admer à travers le Tassili N'Ajjer*, Mémoire de Maitrise, ** [Université de Strasbourg ?? ** dune sdmo
- Capot-Rey, R. 1941. Observations géologiques à la bordure de l'Erg occidental, *Bulletin de la Société d'Histoire naturelle de l'Afrique du Nord*, **32**, 47-55. [dune
- Capot-Rey, R. 1943. La morphologie de l'Erg occidental, *Travaux de l'Institut de Recherches sahariennes*, **2**, 69-103. [dune
- Capot-Rey, R. 1945. The dry and humid morphology of the western Erg, *Geographical Review*, **35** (3), 391-407. [dune

- Capot-Rey, R. 1947a. L'Edeyen de Mourzouk, *Travaux de l'Institut de Recherches sahariennes*, **4**, 67-109. [dune]
- Capot-Rey, R. 1947b. Chronique - exploration de l'Erg Oriental, *Travaux de l'Institut de Recherches sahariennes*, **4**, 181-187. [dune]
- Capot-Rey, R. 1953a. Recherches géographiques sur les confins algéro-libyens, *Travaux de l'Institut de Recherches sahariennes*, **10**, 33-73. [dune]
- Capot-Rey, R. 1953b. *Le Sahara français*, Presses Universitaires de France, Paris, 564 pp. [RGS 608 E dune]
- Capot-Rey, R. 1957. Le vent et le modelé éolien au Borkou, *Travaux de l'Institut de Recherches sahariennes*, **15** (1), 155-157. [dune dnuse]
- Capot-Rey, R. 1961. *Borkou et Ouanyanga, Mémoire*, **5**, Institut de Recherches sahariennes, 178 pp. [RGS 439 XF dune]
- Capot-Rey, R. 1963. Contribution à l'étude et la représentation des barkanes, *Travaux de l'Institut de Recherches saharienne*, **22**, 37-60. [dune]
- Capot-Rey, R. 1964. Les missions Berliet-Ténéré-Tchad, *Annales de Géographie*, **73** (395), 108-110. [dune]
- Capot-Rey, R. 1965. Remarques sur quelques sables sahariens, *Travaux de l'Institut de Recherches sahariennes*, **23**, 153-163.
- Capot-Rey, R. 1970. Remarques sur les ergs du Sahara, *Annales de Géographie*, **79** (431), 2-19. [dune]
- Capot-Rey, R. and Capot-Rey, F. 1948. Le déplacement des sables éoliens et la formation des dunes désertiques d'après R.A. Bagnold, *Travaux de l'Institut de Recherches sahariennes*, **5**, 47-80. [sdmo]
- Capot-Rey, R. and Grémion, M. 1964. Remarques sur quelques sables sahariennes, *Travaux de l'Institut de Recherches sahariennes*, **23**, 153-163. [sand]
- Carbonnel, J.-P. and Barbey, C. 1972. Découverte de sépultures néolithiques dans le complexe dunaire du Draa Malichigdane, Mauritanie, *Notes Africaines*, **136**, 108-111. [stbdn]
- Carbonnel, J.-P., Le Ribault, L. and Tourenq, J. 1974. Mise en évidence par exoscopie des quartz de plusieurs épisodes éoliens au cours du Quaternaire mauritanéene, *Comptes rendus hebdomadaires de l'Académie des Sciences, Paris*, **D 278**, 1163-1166. [sand]
- Carlisle, W.J. and Marrs, R.W. 1982. Eolian features of the southern High Plains and their relationship to windflow patterns, *Geological Society of America, Special Paper*, **192**, 89-105. [stbdn]
- Carr, M.H. 1981a. Mars, in *The new solar system*, Eds. Beatty, J.K. and Chaikin, A., Cambridge University Press, Cambridge, 53-64. [dune geol I 5 bea]
- Carr, M.H. 1981b. *The surface of Mars*, Yale University Press, Newhaven, 232 pp. [dune]
- Carrigy, M.A. 1970. Experiments on the angles of repose of granular materials *Sedimentology*, **14**, 147-158. [dune]
- Carroll, D. 1939a. The movement of sand by wind, *Geological Magazine*, **76** (1), 6-23. [sdmo]
- Carroll, D. 1939b. Sand plain soils of the Yilgarn goldfield, *Bulletin of Geological Investigations, West Australia*, **97**, Appendix, ** [dnsol]

- Carroll, D. 1944. Desert sands, in *The Simpson Desert Expedition, 1939, in Scientific Reports. 2. Geology, Transactions of the Royal Society of South Australia*, **68** (1), 49-59.
- Carroll, D. 1952a. Size distribution of the sand fraction in soils, *American Journal of Science*, **250** (11), 790-801.
- Carroll, D. 1952b. The mineralogy of Australian desert soils, *Journal of Sedimentary Petrology*, **22** (3), 153-161. [sand]
- Carruthers, J.N. 1963. History, sand waves and near-bed currents of La Chappelle Bank, *Nature*, **197** (4871), 942-946. [dunelog]
- Carruthers, R.A. 1987. Aeolian sedimentation from the Galtymore Formation (Devonian), Ireland, in *Desert sediments, ancient and modern*, Eds. Frostick, L.E. and Reid, I., *Special Publication*, **35**, Geological Society of London, Blackwell, Oxford, 251-269. [dnbed geol e 58 fro]
- Carson, M.A. and McLean, P.A. 1985a. Storm-controlled oblique dunes of the Oregon Coast. Discussion, *Bulletin of the Geological Society of America*, **96** (3), 409-410.
- Carson, M.A. and McLean, P.A. 1985b. Hybrid aeolian dunes of William River dune field, northern Saskatchewan, Canada, *Bulletin of the American Association of Petroleum Geologists*, **69** (2), 242-243.
- Carson, M.A. and McLean, P.A. 1986. Development of hybrid aeolian dunes: the William River dune field, northwest Saskatchewan, Canada, *Canadian Journal of Earth Sciences*, **23** (12) 1974-1990.
- Carstens, M.R. and Altinbilek, H.D. 1972. Bed-material transport and bed-forms, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **98** (HY5), 787-794. [dunelog]
- Carstens, M.R. and Neilson, F.M. 1967. Evolution of a dune bed under oscillatory flow, *Journal of Geophysical Research*, **72** (12), 3053-3059. [dunelog]
- Carter, G., Harris, H.M. and Strandsberg, K.S. 1964. *Benefaction studies of the Oregon coastal dune sands for use as glass sand, Report of Investigations*, **6484**, United States Bureau of Mines, ** [codn]
- Carter, L.D. 1981. A Pleistocene sand sea on the Alaskan Arctic coastal plain, *Science*, **211** (4480), 381-383. [dune codn abstract in Niessen, *et al.* 1984]
- Carter, L.D. and Galloway, J.P. 1981. Lacustrine and eolian deposits in Alaska, *United States Geological Survey, Circular*, **868**, 66 pp. [stbdn dune]
- Carter, L.D. and Robinson, S.W. 1978. *Eolian sand and interbedded organic horizons at Kealok Creek on the Arctic coastal plain of Alaska: possible regional implications*, *United States Geological Survey, Open-File Report*, **78-320**, 26 pp. [stbdn dnsol abstract in Niessen, *et al.* 1984]
- Carter, R.W.G. 1975a. Recent changes in the coastal geomorphology of the Magilligan Foreland, County Londonderry, *Proceedings of the Royal Irish Academy*, **75 B**, 469-497. [codn]
- Carter, R.W.G. 1975b. The effect of human activities on the coastlines of County Antrim and County Londonderry, *Irish Geography*, **8** (1), 72-85. [codn dnuse]
- Carter, R.W.G. 1976. Formation, maintenance and geomorphological significance of an aeolian shell pavement, *Journal of Sedimentary Petrology*, **46** (2), 418-429. [sdmo]
- Carter, R.W.G. 1977. The rate and pattern of sediment interchange between beach and dune, *Proceedings of the Symposium on Coastal Sedimentology*, Ed. Tanner, W.F., Florida State University, Tallahassee, 3-34. [codn sdmo]

- Carter, R.W.G. 1978. Ephemeral sedimentary structures formed during aeolian deflation on beaches, *Geological Magazine*, **115** (5), 379-382. [dune dnbed abstract in Busche *et al.* 1984]
- Carter, R.W.G. 1979. Recent progradation of the Magilligan Foreland, County Londonderry, Northern Ireland, *Publications du Centre national pour l'Exploration de Océans (CNEXO)*, Act. Coll., **9**, 17-27. [codn]
- Carter, R.W.G. 1980a. Vegetation stabilization and slope failure on eroding sand dunes, *Biological Conservation*, **18** (2), 117-122. [codn]
- Carter, R.W.G. 1980b. Human activities and geomorphic processes: the example of recreation pressure on the Northern Ireland Coast, *Zeitschrift für Geomorphologie, Supplement Band*, **34**, 155-164. [codn dnuse]
- Carter, R.W.G. 1981. Recreation pressure and environmental change in a small beach/dune complex in Co. Down, *Irish Journal of Environmental Science*, **2**, 62-70. [codn dnuse]
- Carter, R.W.G. 1982. Some problems associated with the analysis and interpretation of mixed carbonate and quartz beach sands, illustrated by examples from north-west Ireland, *Sedimentary Geology*, **33** (1), 35-56. [codn]
- Carter, R.W.G. 1983. Raised coastal landforms as products of modern process variations, and their relevance in eustatic sea-level studies: examples from eastern Ireland, *Boreas*, **12**, 167-182. [codn]
- Carter, R.W.G. 1985. Approaches to sand dune conservation in Ireland, in *Sand dunes and their management*, Ed. Doody, P., Nature Conservancy Council, Peterborough, 29-41. [codn]
- Carter, R.W.G. 1986. The morphodynamics of beach-ridge formation, Magilligan, Northern Ireland, *Marine Geology*, **73** (3-4), 191-214. [codn]
- Carter, R.W.G. 1987. Man's response to change in the coastal zone of Ireland, *Resource Management and Optimization*, **5**, 127-164. [dnuse]
- Carter, R.W.G. 1988. *Coastal environments: an introduction to the physical, ecological and cultural systems of coastlines*, Academic Press, London, 640 pp. [geog e 20 car codn]
- Carter, R.W.G., Devoy, R.J.N. and Shaw, J. 1989. Late-Holocene sea levels in Ireland, *Journal of Quaternary Science*, **4** (1), 7-24. [codn]
- Carter, R.W.G., Forbes, D.L., Jennings, S.C., Orford, J.D., Shaw, J. and Taylor, R.B. 1989. Barrier and lagoon coast evolution under differing sea-level regimes: examples from Ireland and Nova Scotia, *Marine Geology*, **88** (3-4), 221-242. [codn]
- Carter, R.W.G., Johnston, T.W., McHenna, J. and Orford, J.D. 1987. Sea-level, sediment supply and coastal changes - examples from the coasts of Ireland, *Progress in Oceanography*, **18** (1-4), 79-101. [codn]
- Carter, R.W.G. and Stone, G.W. 1989. Mechanisms associated with the erosion of sand dune cliffs, Magilligan, Northern Ireland, *Earth Surface Processes and Landforms*, **14** (1), 1-10. [codn]
- Carter, R.W.G. and Wilson, P. 1988. Geomorphological sedimentological and pedological influences on coastal dune development in Ireland, *Journal of Coastal Research, Special Issue*, **3**, 27-31. [codn dnsol]
- Cartwright, D.E. 1959. On submarine sand waves and tidal lee waves, *Proceedings of the Royal Society of London*, **A 253** (1273), 218-241. [dunelog]
- Cartwright, D.E. and Stride, A.H. 1958. Large sand waves near the edge of the continental shelf, *Nature*, **181** (4601), 41. [dunelog]

- Carty, D.J. 1980. *Characteristics of pimple mounds associated with the Morey soil of SE Texas*, unpublished M.S. dissertation, Texas A&M University, ** [dune ?]
- Carus-Wilson, C. 1888a. *History of musical sand*, ** ? [or Carrus-Wilson ?? check** not in RGS]
- Carus-Wilson, C. 1888b. Musical Sand, *Paper Read to the Bournemouth Society for Natural History*, ** [in RGS list]
- Carus-Wilson, C. 1890. Musical sands, *Nature*, **42**, 568.
- Carus-Wilson, C. 1897. Drifting sands, *Geographical Journal*, **9** (6), 570.
- Carus-Wilson, C. 1930. The mystery of musical sand, *Our Wonderful World*, **1**, 1171-1174. [in RGS]
- Carruthers, D. 1910. A journey in northwestern Arabia, *Geographical Journal*, **35** (3), 225-248. [dune 241-242]
- Cas, R.A.F. and Wright, J.V. 1987. *Volcanic successions: modern and ancient*, Allen and Unwin, London, 528 pp. [dunelog pyroclastic deposits pp. 211-217.
- Case, G.O. 1914. *Coast sand dunes, sand spits and sand wastes*, St.Brides, London, 162 pp. [codn rgs 604.e]
- Castel, I.I.Y. 1988. A simulation model of wind erosion and sedimentation as a basis for management of a drift sand area in the Netherlands, *Earth Surface Processes and Landforms*, **13** (6), 501-510. [dnuse dnbed]
- Castel, I.I.Y., Koster, E. and Slotboom, R. 1989. Morphogenetic aspects and age of Late Holocene eolian drift sands in Northwest Europe, *Zeitschrift für Geomorphologie*, NF **33** (1), 1-26. [stbdn]
- Caston, V.N.D. 1965. Localised sediment transport and submarine erosion in Tremadoc Bay, North Wales, *Marine Geology*, **3**, 401-410. [dunelog]
- Castro, C.A. 1984-5. Reseña del estado actual de cococimeiento de las dunas litorales en Chile, *Rev. Geografica de Chile*, **28**, 13-32. [codn]
- Castro, C.A. 1988. The artificial construction of foredunes and the interference of dune-beach interaction, *Journal of Coastal Research, Special Issue*, **3**, 103-110. [codn dnuse]
- Castro, C.A. and Vicuña, P.V. 1986. Man's impact on coastal dunes in central Chile (32° -34°S), *Thalassas*, **4**, 17-25. [codn dnuse]
- Catt, J.A. 1977. Loess and coversands, in *British Quaternary studies: recent advances*, Ed. Shotton, F.W., Oxford University Press, London, 221-229. [stbdn Geol J 66 SHO abstract in Niessen, *et al.* 1984]
- Cauvet, Commandant 1908. Les sables du Sahara algérien, *Bulletin de la Société géologique d'Alger*, **13**, 141-180. [sand dune]
- Cavelier, C. 1970. *Geological description of the Qatar Peninsula*, Bureau de Recherche, Géologique et Minière, Orléans, 39 pp. [dune]
- Cayeux, L. 1928. Origines de sables des dunes sahariennes, *Proceedings of the 14th International Geological Congress*, Madrid, 783-788. [sand or 1929 ??]
- Cekirge, H.M., Gunay, N. and Fraga, R.J. 1982. Movements of sand dunes: I. Two-dimensional model, *Mathematical Modelling*, **3**, 371-384.

- Cekirge, H.M., Fraga, R.J., Gunay, N. and Akyildiz, Y. 1983. Movements of sand dunes. II. The application of airfoil theory, *Mathematical Modelling*, **4**, 301-306.
- Cekirge, H.M., Fraga, R.J., Lehr, W. J. and Gunay, N. 1984. Movements of sand dunes. III. Erosion due to geostrophic wind, *Mathematical Modelling*, **5**, 161-169.
- Cencini, C. and Varani, L. 1989. Degradation of coastal dune systems through anthropogenic action, in *Coastlines of Italy*, Eds. Fabbri, P. and Magoon, O.T., American Society of Civil Engineers, New York, 55-69. [codn dnuse
- Cevik, B. and Birkman, A. 1986. Wind erosion control and sand dune stabilization practices implemented in the Great Konya Basin of Turkey, in *Proceedings of the international workshop on sand transport and desertification in arid lands*, Ed. El-Baz, F., El-Tayeb, I.A. and Hassan, M.H.A., 17-26 November 1985, Khartoum, World Scientific, Singapore, 275-288. [dnuse
- Chadwick, H.W. and Dalke, P.D. 1965. Plant succession on dune sands in Fremont County, Idaho, *Ecology*, **46**, 765-780. [dnsol dnveg
- Chahboun, A. 1988. *Les formations sableuses, fluviatiles, littorales et éoliennes au embouchures des Oueds Tensift, Ksob et Souss (Atlas atlantique, Maroc)*, Thèse d'Université Pierre et Marie Curie, Paris, ** [codn
- Chakrabarti, A. 1965. Selective removal of sand in dune sediments, *Quarterly Journal of the Mining and Metallurgical Society of India*, **37**, 189-190. [Geoabstracts 68 A/575
- Chakrabarti, A. 1968. Polymodal character of dune sediments, *Quarterly Journal of Mining and Metallurgy Society of India*, **40**, 51-54. [sand
- Chakrabarti, C. and Lowe, D.R. 1981. Diffusion of sediment on the lee of dune-like bedforms: theoretical and numerical analysis, *Sedimentology*, **28** (4), 531-545.
- Chakravarty, A.K. and Bhati, G.N. 1971. Grazing studies in the arid and semi-arid zones of Rajasthan. V. Assessment of forage resources of afforested and stabilised dunes in the initial year of utilization, *Annals of Arid Zone*, **10** (2-3), 176-179. [dnveg stbdn dnbed abstract in Busche *et al.* 1984
- Chamard, Ph.C. and Courel, M.F. 1975. Contribution à l'étude du géomorphologie du Sahel. Les formes dunaires du Niger occidental et de la Haute Volta septentrionale, *Bulletin de Liaison*, **44-45**, Association sénégalaise pour l'Etude du Quaternaire de l'Ouest Africain (ASEQUA) 55-65. [stbdn dune
- Chamard, Ph.C. and Courel, M.F. 1979. Contribution à l'étude de Sahel voltaïque. Causes et conséquences de la dégradation du couvert végétal des dunes, Secteur de Menegou-Bidi (Département du Sahel, Sous-Préfecture de l'Oudalan) *Travaux de l'Institut de Géographie de Reims*, 39-40. 75-90. [dnuse stbdn dnbed abstract in Busche *et al.* 1984 annexe
- Chamberlain, A.C. 1967. Transport of Lycopodium spores and other small particles to rough surfaces, *Proceedings of the Royal Society of London*, **A 296** (1494), 45-70. [sdmo
- Chamberlain, A.C. 1975. The movement of particles in plant communities, in *Vegetation and the atmosphere*, **I**, Ed. Monteith, J.L., Academic, London, 155-203. [sdmo
- Chamberlain, A.C. 1983. Roughness length of sand, sea and snow, *Boundary-Layer Meteorology*, **25**, 405-409. [sdmo
- Chan, M.A. 1989. Erg margin of the Permian White Rim Sandstone, SE Utah, *Sedimentology*, **36** (2), 235-252. [dnbed

- Chan, M.A. and Kocurek, G. 1988. Complexities in eolian and marine interactions: processes and eustatic controls on erg development, *Sedimentary Geology*, **56** (1-4), 283-300. [dnbed]
- Chan, M.A., Kocurek, G., Driesse, S.G. and Dott, R.H. 1985. Overview of complexities in eolian and marine interactions (abstract), *2nd Annual Midyear Meeting*, Society of Economic Mineralogists and Palaeontologists, Colorado, ** [dnbed]
- Chandapillai, M.M. 1970. Variation in fixed dune vegetation at Newborough Warren, Anglesey, *Journal of Ecology*, **58**, 193-201. [codn dnveg]
- Chandler, M.A. 1989. Depositional controls on permeability in an eolian sandstone sequence, Page Sandstone, northern Arizona, *Bulletin of the American Association of Petroleum Geologists*, **71** (5), 587. [dnbed]
- Chandler, M.A., Kocurek, G., Goggin, D.J. and Lake, L.W. 1989. Effects of stratigraphic heterogeneity on permeability in an eolian sandstone sequence, Page Sandstone, northern Arizona, *Bulletin of the American Association of Petroleum Geologists*, **73** (5), 658-668. [dnbed]
- Chang, H.W. and Hsu, K.-H. 1962. Microbiological properties of the sand dunes in Tengkei Desert of Ninghsia Hio Autonomous Region (in Chinese), *Acta Pedologica Sinica*, **10**, 227-234. [dnveg]
- Chao Sung-chiao 1981. The sand deserts and the gobi: a preliminary study of their origin and evolution, in *Desert lands of China, Publication*, **81-1**, International Centre for Arid and Semi-Arid Land Studies, Texas Technical University, ** [dune]
- Chao Sung-chiao 1984a. The sandy deserts and the gobi of China, in *Deserts and arid lands*, Ed. El-Baz, F., Martinus Nijhoff, The Hague, 95-113. [dune]
- Chao Sung-chiao 1984b. Analysis of desert terrain in China using landsat imagery, in *Deserts and arid lands*, Ed. El-Baz, F., Martinus Nijhoff, The Hague, 115-132. [dune]
- Chao Sung-chiao and Xing Jiaming 1982. Origin and development of the Shamo (sandy deserts) and the Gobi (stony deserts) of China, *Striae*, **17**, 79-91. [dune]
- Chapman, D.M. 1989. *Coastal dunes of New South Wales: status and management, Technical Report*, **89/3**, Coastal Studies Unit, University of Sydney, **. [codn]
- Chapman, V.J. 1937. Note on a dune drainage system, *Memoirs and Proceedings of the Manchester Literary and Philosophical Society*, Session 1936-37. 79-85. [codn]
- Chapman, V.J. 1949. The stabilisation of sand-dunes by vegetation, *Proceedings of the 4th Conference on Biology and Civil Engineering, 1948*, Institute of Civil Engineers, 142-157. [dnuse codn]
- Chapman, V.J. 1976. *Coastal vegetation*, Pergamon, Oxford, 292 pp. [codn dnveg Bot 83 c CHA 1st Edition, 1964]
- Chappell, J. 1967. Recognising fossil strand lines, *Journal of Sedimentary Petrology*, **37** (1), 157-165. [codn dnbed]
- Chappell, J.M.A. and Grinford, J. 1984. Chenier plain formation in northern Australia, in *Coastal geomorphology in Australia*, Ed. Thom, B.G., Academic Press, Sydney, 197-231. [codn ?]
- Chappell, J.M.A. and Thom, B.G. 1986. Coastal morphodynamics in North Australia: review and prospect, *Australian Geographical Studies*, **24**, 110-127. [codn]
- Chapuis, P.J.J. 1975. *Fixation des dunes, protection des Niayes et des sols diors de la grande côte*,

- Working Document, **FAO-FO-RAF/74/308**, Food and Agriculture Organisation of the United Nations, 5 pp. [dnuse Senegal]
- Charlesworth, J.K. 1957. *The Quaternary era, with specific reference to its glaciation*, 2 volumes, Edward Arnold, London, 591 and 592 pp. [stbnd ull 53 DJT/Cha]
- Chase, C.M. 1977. Central Pennsylvania sand dunes, *Pennsylvania Geology*, **8** (3), 9-12. [stbnd]
- Chase, R.G., Wendt, J.W. and Hossner, L.R. 1989. A study of crop growth variability in sandy Sahelian soils, in *Soil, crop and water management systems for rainfed agriculture in the Sudano-Sahelian zone*, Eds. Renard, C. et al., *Proceedings, International Workshop*, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Sahelian Centre, Niamey, January 1987, ICRISAT, Patucheru, 229-240. [dnsol]
- Chaudhri, I.I. and Qadir, S.A. 1958. Sand dune vegetation of coastal regions of Karachi, *The Pakistan Journal of Forestry*, **8** (4), 337-471. [codn dnveg]
- Chaudhri, R.S. and Khan, H.M.M. 1981. Textural parameters of desert sediments - Thar Desert (India), *Sedimentary Geology*, **28** (1), 43-62. [sand]
- Chausse, E. and Pouzens, G. 1958. Sur la possibilité d'étude hydrodynamique en modèle réduit de dunes désertiques isolées du type barkhane, *Comptes rendus de l'Académie des Sciences, Paris*, **246**, 544-546.
- Chavaillon, J. 1964a. *Etude stratigraphique des les formations Quaternaires du Sahara nord-occidental*, Publication, Série géologique, **5**, Centre de Recherches sur les Zones Arides, Paris, 393 pp. [dune ? dnbed]
- Chavaillon, J. 1964b. *Les formations quaternaires du Sahara Nord-Occidental*, Publication, Série géologique, **5**, Centre de Recherches sur les Zones Arides, Paris, 393 pp. [dune ? dnbed]
- Chemin, M.-C. 1977. *Le modèle et les phénomènes de remise à vif dans le secteur de Tanout et Zinder*, République du Niger, unpublished M.Sc. dissertation, Université de Reims, ** [dune dnuse]
- Chemin, M.-C. 1985. *Analyse des milieux éoliens dans le Sud-Est marocain et protection des cadres de vie. Primauté de la notion de l'échelle*, Thèse de 3ème cycle, Université de Reims, 199 pp. [dune dnuse]
- Chen Caifu and Qian Taito 1984. Transformation and utilization of sand land and its beneficial results (in Chinese, English abstract), *Zhong Guo Sha Mo (Journal of Desert Research)*, **4**, 36-44. [dnuse]
- Chen Chih-p'ing 1963. The basic characteristics of Ku-erh-pan-t'ung-ku-t'e Desert of Dzungaria, *Ti-li-Chi-K'an (Geographical Monographs)*, **5**, Peiping, 79-90. [translated in *Translations from Ti-li Chi-K'an* available from JPRS, **38942** Clearing House for Scientific and Technical Information, 196 pp. [dune]
- Chen Lonheng et al., 1980. The techniques for sand control along railway southwestern Ulanbuh Desert, *Zhong Guo Sha Mo (Journal of Desert Research)*, **3** (3), 30-35. [totally in Chinese dnuse soas main c per/646884]
- Chen Shixiong 1983. The ecological effects of the artificial vegetation on shifting sand of the railway both sides in Shapotou area (in Chinese, English abstract), *Zhong Guo Sha Mo (Journal of Desert Research)*, **3**, 35-41. [dnveg dnuse]
- Cheng Jo-Ai 1963. Studies on the characteristics of dew in the sand dunes of desert areas, Central Kansu (in Chinese), *Acta Pedologica Sinica*, **11** (1), 84-91. [dune dnhyd dnsol dnbed abstract in Busche et al. 1984]
- Chenowith, L. and Cooley, M.E. 1960. Pleistocene cinder dunes near Cimaron, Arizona, *Plateau*, **33**, 14-16. [stbnd ?]

- Chepil, W.S. 1941. Relationship of wind erosion to the dry aggregate structure of the soil, *Scientific Agriculture*, **21**, 448-507. [sdmo]
- Chepil, W.S. 1942. Measurement of wind erosiveness of soils by the dry sieving procedure, *Scientific Agriculture*, **25**, 154-160. [sdmo]
- Chepil, W.S. 1943. Relation of wind erosion to the water-stable and dry clod structure of soil, *Soil Science*, **55**, 275-287. [sdmo]
- Chepil, W.S. 1945a. Dynamics of wind erosion. I. Nature of movement of soil by wind, *Soil Science*, **60**, 305-320. [sdmo]
- Chepil, W.S. 1945b. Dynamics of wind erosion. II. Initiation of soil movement, *Soil Science*, **60**, 397-411. [sdmo]
- Chepil, W.S. 1945c. Dynamics of wind erosion. III. The transport capacity of the wind, *Soil Science*, **60**, 475-480. [sdmo]
- Chepil, W.S. 1946a. Dynamics of wind erosion. IV. The translocating and abrasive action of the wind, *Soil Science*, **61** (1), 167-177. [sdmo]
- Chepil, W.S. 1946b. Dynamics of wind erosion. V. Cumulative intensity of soil drifting across eroding fields, *Soil Science*, **61** (2), 257-263. [sdmo]
- Chepil, W.S. 1946c. Dynamics of wind erosion. VI. Sorting of soil materials by the wind, *Soil Science*, **61**, 331-340. [sdmo]
- Chepil, W.S. 1950a. Properties of soil which influence wind erosion. I. The governing principle of surface roughness, *Soil Science*, **69**, 149-162.
- Chepil, W.S. 1950b. Properties of soil which influence wind erosion. II. Dry aggregate structure as an index of erodibility, *Soil Science*, **69**, 403-414. [sdmo]
- Chepil, W.S. 1951a. Properties of the soil which influence wind erosion. III. The effect of apparent density on erodibility, *Soil Science*, **71**, 141-153. [sdmo]
- Chepil, W.S. 1951b. Properties of soil which influence wind erosion. IV. State of dry aggregate structure, *Soil Science*, **72**, 387-401. [sdmo]
- Chepil, W.S. 1951c. Properties of soil which influence wind erosion. V. Mechanical stability of structure, *Soil Science*, **72**, 465-478. [sdmo]
- Chepil, W.S. 1953a. Factors that influence clod structure and erodibility of soil by wind. I. Soil texture, *Soil Science*, **75**, 473-483. [sdmo]
- Chepil, W.S. 1953b. Factors that influence clod structure and erodibility of soil by wind. II. Water-stable structure, *Soil Science*, **76**, 389-399. [sdmo]
- Chepil, W.S. 1956. Influence of moisture on erodibility of soil by wind, *Proceedings of the Soil Science Society of America*, **20**, 288-292. [sdmo]
- Chepil, W.S. 1957a. Sedimentary characteristics of dust storms. I. Sorting of wind-eroded soil material, *American Journal of Science*, **255**, 12-22. [sdmo]
- Chepil, W.S. 1957b. Sedimentary characteristics of dust storms. III. Composition of suspended dust, *American Journal of Science*, **255**, 206-213. [sdmo]

- Chepil, W.S. 1958. The use of evenly spaced hemispheres to evaluate aerodynamic forces on a soil surface, *Transactions of the American Geophysical Union*, **39**, 397-403. [sdmo]
- Chepil, W.S. 1959. Equilibrium of soil grains at the threshold of movement by wind, *Proceedings of the Soil Science Society of America*, **23**, 422-428. [sdmo]
- Chepil, W.S. 1961. The use of spheres to measure lift and drag on wind-eroded soil grains, *Proceedings of the Soil Science Society of America*, **25** (5), 343-345. [sdmo]
- Chepil, W.S. 1965a. Transport of soil and snow by wind, *Meteorological Monographs*, **6**, 123-132. [sdmo]
- Chepil, W.S. 1965b. Function and significance of wind in sedimentology, *Miscellaneous Publications*, **970**, United States Department of Agriculture, 89-94. [sdmo]
- Chepil, W.S. and Milne, R.A. 1939. Comparative study of soil drifting in the field and in a wind tunnel, *Scientific Agriculture*, **19**, 249-257. [sdmo]
- Chepil, W.S. and Milne, R.A. 1941a. Wind erosion of soil in relation to roughness of surface, *Soil Science*, **52**, 417-431. [sdmo]
- Chepil, W.S. and Milne, R.A. 1941b. Wind erosion of soils in relation to size and nature of the exposed area, *Scientific Agriculture*, **21**, 479-487. [sdmo]
- Chepil, W.S., Moldenhauer, W.C., Hobbs, J.A., Nossman, N.L. and Taylor, H.M. 1962. Deep plowing of sandy soil, *Production Research Report*, **64**, United States department of Agriculture, Washington DC, 14 pp. [dnuse dnsol]
- Chepil, W.S. 1965b. Function and significance of wind in sedimentology, *Miscellaneous Publications*, **970**, United States Department of Agriculture, 89-94. [sdmo]
- Chepil, W.S. and Milne, R.A. 1939. Comparative study of soil drifting in the field and in a wind tunnel, *Scientific Agriculture*, **19**, 249-257. [sdmo]
- Chepil, W.S. and Milne, R.A. 1941a. Wind erosion of soil in relation to roughness of surface, *Soil Science*, **52**, 417-431. [sdmo]
- Chepil, W.S. and Milne, R.A. 1941b. Wind erosion of soils in relation to size and nature of the exposed area, *Scientific Agriculture*, **21**, 479-487. [sdmo]
- Chepil, W.S. and Woodruff, N.P. 1965. Sediment transport dynamics, Progress Report, Task Committee on Preparation of Sediment Manual, Committee on Sedimentation, Article 4261, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **91** (HY2), 267-287. [sdmo also cited as Task Committee]
- Chepil, W.S., Woodruff, N.P., Siddoway, F.H., Fryrear, D.W. and Armbrust, D.V. 1963. Vegetative and non-vegetative materials to control wind and water erosion control, *Proceedings of the Soil Science Society of America*, **27** (1), 86-89. [dnveg]
- Cherbonnier, J., Dedieu, P., Froidefond, J.M. and Nevriere, E. 1985. Construction d'un piège à sable et mesure du transit éolien sur le littoral Aquitain à La Salie, in *Actes Coll. Bordomer*, **85**, Bordeaux, 146-159. [sdmo traps]
- Cherednichenko, V.P. 1970. Wind regimen and dynamics of shifting sands in northern Zaunguz'ye, *Problems of Desert Development*, (1), 40-49. [sdmo]
- Cherednichenko, V.P. 1971. Principles for the protection of pipelines from sand blowing, *Problems of Desert Development*, (4), 79-83. [dnuse sdmo]

- Cherednichenko, V.P. 1972. Geomorphological substantiation of the designing and laying of pipelines in the desert, *Geomorfologiya*, **2**, 24-39. [dnuse]
- Cherednichenko, V.P. 1973. *Morphology of eolian topography and pipeline laying in the desert*, Ylym, Ashkhabad, 130 pp. [dnuse dune]
- Cherednichenko, V.P. 1980. The role of anthropogenic factor in formation of eolian relief in the Zaunguz Karakums, *Problems of Desert Development*, (3), 20-23. [dune dnuse]
- Cherednichenko, V.P. 1987a. On geomorphological studies of sand deposits with a view to engineering, *Problems of Desert Development*, (4), 21-26. [dune dnuse]
- Cherednichenko, V.P. 1987b. Geomorphological zoning of deserts of northern Turkmenistan for engineering purposes, *Problems of Desert Development*, (4), 26-32. [dune dnuse]
- Cherednichenko, V.P. 1987a. On geomorphological studies of sand deposits with a view to engineering, *Problems of Desert Development*, (4), 21-26. [dune dnuse]
- Cherednichenko, V.P. 1987b. Geomorphological zoning of deserts of northern Turkmenistan for engineering purposes, *Problems of Desert Development*, (4), 26-32. [dune dnuse]
- Chesney, F.R. 1950. *The expedition for the survey of the Rivers Euphrates and Tigris ** 1835-37*, 2 volumes ?? ** London, ** [sdmo dune (p. 579)]
- Chevalier, A. 1950. La progression de l'aridité, du désèchement et d'ensablement et la décadence des sols en Afrique occidentale française, *Comptes rendus de l'Académie des Sciences, Paris*, **230**, 1503-1533. [dune dnuse stbdn]
- Chicagov, P. 1962. The morphological and morphometric characteristics of quartz sands of the Dalay-Nor and their origin, *Isvestiya Akademii Nauk, SSSR, Seriya Geograficheskaya*, May-June, (3), 75-**. [sdmo dune (p. 579)]
- Childes, S.L. 1989. Phenology of nine common woody species in semi-arid deciduous Kalahari Sand vegetation, *Vegetatio*, **79** (3), 151-163. [dnveg]
- Childes, S.L. and Walker, B.H. 1987. Ecology and dynamics of the woody vegetation on the Kalahari Sands in Hwange National Park, Zimbabwe, *Vegetatio*, **72** (2), 111-128. [dnveg]
- Chipping, D.H. and McCoy, R. 1982. Coastal sand dune complexes: Pismo Beach and Monterey Bay, *California Geology*, **35** (1), 18-21. [codn]
- Chiu, T.Y. 1972. *Sand transport by wind, Technical Report, TR-040*, University of Florida (Gainesville), Department of Coastal and Oceanographic Engineering, ** [sdmo]
- Chiu, T.Y. 1977. Beach and dune response to Hurricane Eloise of September 1975, *American Society of Civil Engineers, Waterway, Port and Coastal Division. Proceedings of the Coastal Sediments Conference, 1977*, Charleston, South Carolina, 116-134. [codn]
- Chizhikov, O.N. 1971. Development of pastures on sands of the northwestern Prikaspiya area, *Problemy Osvoeniya Pustyn*, (2), 81-84. [dnuse dnveg]
- Chmielowska, M. and Chmielowski, W. 1960. The stratigraphy and chronology of the Witow dune, Leczyca (in Polish), *Biuletyn Peryglacjalny*, **8**, 133-141. [stbdn dnbed]
- Chmielowska, M. and Wasylkowa, K. 1961. Witow: Late Pleistocene dunes and peat bogs, *Guidebook, Excursion C. 6th International Congress on the Quaternary*, Warsaw, *The _odz Region*, 75-84. [stbdn]

Cho, T. and Yamamoto, I. 1973. On application efficiency and effects of trickle irrigation in a sand-dune field, *Bulletin*, **12**, Sand Dune Research Institute, Tottori, 20-28. [dnuse dnhyd abstract in Busche *et al.* 1984]

Cholnoky see von Cholnoky

Choshchshiev, K.C. and Vekilov, D. 1985. Lightweight concrete using barchan sands, *Problems of Desert Development*, (2), 93-94. [dnuse]

Choubert, G. 1941. Le Draa et l'Irigui, *Revue de Géographie marocain*, **1**, 33-36. [dune]

Choubert, G. 1945. Note préliminaire sur le Pontien du Maroc, *Bulletin de la Société géologique de France*, **15** (5), 677-684. [dune]

Choudhury, B.J. and Tucker, C.J. 1987. Satellite-observed seasonal and inter-annual variation of vegetation over the Kalahari, the Great Victoria desert and the Great Sandy Desert, 1979-1984, *Remote Sensing of Environment*, **23** (2), 233-241. [dnveg]

Christensen, E.M. and Johnson, H.B. 1964. Presettlement vegetation and vegetational change in three valleys in central Utah, *Science Bulletin, Biological Series*, **4** (4), Brigham Young University, Provo, UA, ** [stbdn dnveg dnuse abstract in Busche *et al.* 1984]

Christensen, P.R. 1983. Eolian intercrater deposits on Mars: physical properties and global distribution, *Icarus*, **56** (3), 496-518. [dune or Christensen ??]

Christensen, S.N. 1989. Floristic and vegetational changes in a permanent plot in a Danish coastal dune health, *Annales Botanici Fenici*, **26** (4), 389-397. [dnveg codn Steen]

Christian, L.B. 1970. Ancient windblown terrain of central California, *Mineral Information Bulletin*, **23** (9), California Division of Mines and Geology, 175-179. [stbdn]

Christiansen, Ch. 1984. A comparison of sediment parameters from log-probability plots and log-log plots of the same sediments, *Geoskifter*, **20**, Department of Geology, University of Aarhus, 20 pp. [sand]

Christiansen, Ch. and Bowman, D. 1986. Sea-level changes, coastal dune building and sand drift, northwestern Jutland, Denmark, *Geografisk Tidsskrift*, **86**, 28-31. [codn]

Christiansen, Ch., Blaesild, P. and Dalsgaard, K. 1984. Re-interpreting 'segmented' grain-size curves, *Geological Magazine*, **121** (1), 47-51. [sand]

Christiansen, Ch. and Hartmann, D. 1988b. On using the log-normal distribution to describe the textural characteristics of eolian sediments: Discussion, *Journal of Sedimentary Petrology*, **58** (1), 159. [discussion of Wyrwoll and Smyth sand]

Christiansen, Ch. and Hartmann, D. 1988c. SAHARA: a package of PC computer programs for estimating both log-hyperbolic grain-size parameters and standard moments, *Computers and Geosciences*, **14** (5), 557-625. [sand]

Christiansen, C., Møller, J.-T. and Nielsen, J. 1985. Sea-level fluctuations and associated morphological changes. Examples from Denmark, *Eiszeitalter und Gegenwart*, **35**, 89-108. [codn]

Christiansen, R.J. 1973. *Petrographic and textural analysis of a barchan dune southwest of the Salton Sea, Imperial County, California*, unpublished M.Sc. dissertation, California State University, San Diego, CA, ** [sand]

Chu Chen-Ta see Zhu Zhenda

- Chudeau, R. 1907. L'Aïr et la région de Zinder, *La Géographie*, **15**, 321-336. [dune]
- Chudeau, R. 1907. Excursion géologique au Sahara et Soudan, *Bulletin de la Société géologique de France*, Série 4, **7**, 319-346. [dune]
- Chudeau, R. 1909a. *Le Sahara soudanais*, Colin, Paris, 326 pp. [dune ?]
- Chudeau, R. 1909b. Notes géologiques sur la Mauritanie, *La Géographie*, **20**, 9-24. [dune]
- Chudeau, R. 1910. *Rapport de journée dans le Bassin de Tombouctou*, Journal Officiel de l'Afrique occidentale française, Supplément, ** [dune?]
- Chudeau, R. 1911. Remarques sur les dunes, à propos d'une étude de M.H.J. Lwellyn-Beadnell, *La Géographie*, **24**, 153-160.
- Chudeau, R. 1915a. Excursion géologique au nord et est de Tombouctou, *Bulletin de la Société géologique de France*, **15**, 95-112. [dune]
- Chudeau, R. 1915b. L'Azaouad et le Djouf, *La Géographie*, **30**, 417-436. [dune]
- Chudeau, R. 1918a. La dépression du Faguebine, *Annales de Géographie*, **27**, 43-60. [dune]
- Chudeau, R. 1918b. The Faguebine depression, *Geographical Journal*, **52** (2), 136. [stbdn]
- Chudeau, R. 1920. Etude sur les dunes sahariennes, *Annales de Géographie*, **29**, 334-351.
- Chudeau, R. 1921. Les dunes de Gascogne, *La Géographie*, **35**, 263-268. [codn]
- Chung-kuo K'o Hsueh Yuan, Lan-chou Ping Ch'uan Tung T'u Sha Mo Yen Chiu So and Sha Mo Yen Chiu Shih 1977. *Managing sand damaged fields* (in Chinese), K'o Hsueh Ch'u Pen She, Peiping, 169 pp. [dnuse]
- Churchward, H.M. 1961a. Soil studies at Swan Hill, Victoria. I. soil layering, *Journal of Soil Science*, **12** (1), 73-86. [stbdn dnsol]
- Churchward, H.M. 1961b. Soil studies at Swan Hill, Victoria. II. dune moulding and parna formation, *Australian Journal of Soil Research*, **1**, 103-116. [stbdn dnsol]
- Churchward, H.M. 1961c. Soil studies at Swan Hill, Victoria. III. Some aspects of soil development on aeolian material, *Australian Journal of Soil Research*, **1**, 117-128. [stbdn dnsol]
- Churchward, H.M. 1963. Soil studies at Swan Hill, Victoria, Australia. IV. Groundsurface history and its expression in the array of soils, *Australian Journal of Soil Research*, **1**, 242-255. [dnsol stbdn]
- Churska, Z. 1969. Evolutionary phases of dune situated at Czernikowo-Witowaz (in Polish, English abstract), in *Procesy i formy wydmowe w Polsce*, Ed. Galon, R., Polskiej Akademii Nauk, Instytut Geografii, *Prace Geograficzne*, Warsaw, **75**, 181-207. [stbdn]
- Clapp, F.G. 1925. A few observations on the geology and geography of the northwestern and desert basins, Australia, *Proceedings of the Linnean Society of New South Wales*, **50**, 47-66. [dune]
- Clapp, F.G. 1926. In the northwestern Australian desert, *Geographical Review*, **16** (2), 206-231. [dune]
- Clark, J.D. 1963. Vegetation patterns, climates and sand in northeastern Angola, *Transactions of the 4th Pan-African Congress of Prehistory*, Leopoldville, 151-166. [stbdn]

- Clark, J.R. 1977. *Coastal ecosystems: ecological considerations for the management of the coastal zone*, John Wiley and Sons, New York, 178 pp. [geog h 72 cla codn? dnuse dnveg]
- Clark, N.M. 1945. Dunes stood still, *Saturday Evening Post*, **217** (April), 34. [dnuse]
- Clark, M.W. 1981. Quantitative shape analysis: a review, *Mathematical Geology*, **13**, 303-320. [sand]
- Clark, S.S. 1975. The effect of sand mining on the coastal heath vegetation in New South Wales, *Proceedings of the Ecological Society of Australia*, **9**, 1-16. [codn dnveg dnuse]
- Clark, T.H. and Elson, J.A. 1961. Ventifacts and eolian sand at Charlette, Province of Quebec, *Transactions of the Royal Society of Canada*, **55**, 1-11.
- Clarke, A.O. 1979. The Sandhills: a Quaternary coastal-interior dune field in southern California (abstract), *Association of Pacific Coast Geographers, Yearbook*, **41**, 148-149. [stbdn codn]
- Clarke, D. 1980. *Groundwater balance of a coastal sand dune system: a study of the water table in Ainsdale Sand Dunes NNR, Merseyside*, unpublished Ph.D. dissertation, University of Liverpool, ** [codn dnhyd]
- Clarke, J.A.R.C. 1973. Singing sands, *New Scientist*, **59** (856), 26, July, 222.
- Clarke, R.H. and Priestley, C.H.B. 1970. The asymmetry of Australian sand ridges, *Search*, **1** (2), 77. [dune abstract in Busche *et al.* 1984]
- Clayton, P.A. 1933. On silica glass in the Egyptian Desert, *Geographical Journal*, **82** (4), 375-376. [sand]
- Clayton, P.A. 1937. The Southwestern Desert Survey Expedition, *Bulletin de la Société royale de Géographie d'Egypte*, **19**, 254-265. [dune]
- Clayton, P.A. and Spencer, L.J. 1933. Silica glass in the Libyan Desert, *Mineralogical Magazine*, **23**, 503-508. [sand]
- Clayton, W.D. 1957. The swamps and sand dunes of Hadejia, *Nigerian Geographical Journal*, **1** (2), 31-37. [stbdn]
- Clements, T. 1977. Geological story of Death Valley, in *Death Valley forty-niner's*, 10th Edition, **, Burbank, CA, 63 pp. [dune]
- Clements, T., Merriam, R.H., Stone, R.O., Mann, J.F.Jr. and Eyman, J.L. 1957. *A study of desert surface conditions, Technical Report, EP-53*, United States Army Quartermaster Research and Development Center (Natick MA, Environmental Protection Research Division) 110 pp. [dune or Eyman, J.L. and Reade, H.L. ??]
- Clements, T., Stone, R.O., Mann, J.F.Jr. and Eymann, J.L. 1963. *A study of windborne sand and dust in desert areas, Technical Report, ES-8*, United States Army, Natick Laboratories, 61 pp. [sdmo abstract in Busche *et al.* 1984]
- Clemmensen, L.B. 1978. Alternating aeolian, sabkha, and shallow-lake deposits from the Middle Triassic Gipsdalen Formation, Scoresby Land East Greenland, *Palaeogeography, Palaeoclimatology, Palaeoecology*, **24**, 111-135. [dnbed]
- Clemmensen, L.B. 1985. Ancient aeolian bedforms and wind regime - three examples from the Permo-Triassic of the U.K., *International Association of Sedimentologists, 6th European Meeting*, Llerida, 92-95. [dnbed]

- Clemmensen, L.B. 1986. Storm-generated eolian sand shadows and their sedimentary structures, Vejers Strand, Denmark, *Journal of Sedimentary Petrology*, **56** (4), 520-527. [dune dnbed codn dnveg]
- Clemmensen, L.B. 1987. Complex star dunes and associated aeolian bedforms, Hopeman Sandstone (Permo-Triassic), Moray Firth Basin, Scotland, in *Desert sediments: ancient and modern*, Eds. Frostick, L. and Reid, I., *Special Publication*, **35**, Geological Association, Blackwell, Oxford, 213-231. [dnbed geol e 58 fro]
- Clemmensen, L.B. 1989. Preservation of interdune and plinth deposits by the lateral migration of large linear dunes (Lower Permian Yellow Sands, northeast England), *Sedimentary Geology*, **65** (1-2), 139-151. [dnbed]
- Clemmensen, L.B. and Abrahamsen, K. 1983. Aeolian stratification and facies association in desert sediments, Arran basin (Permian), Scotland, *Sedimentology*, **30** (3), 311-339. [dnbed]
- Clemmensen, L.B. and Blakey, R.C. 1987. Oblique dune deposits in the Lower Jurassic Wingate Formation, northeastern Arizona (abstract), *Annual Midyear Meeting, Abstracts*, **4**, Society of Economic Palaeontologists and Mineralogists, 16. [dnbed]
- Clemmensen, L.B. and Blakey, R.C. 1989. Erg deposits in the Lower Jurassic Wingate Sandstone, northwestern Arizona: oblique dune sedimentation, *Sedimentology*, **36** (3), 449-470. [dnbed]
- Clemmensen, L.B., Olsen, H. and Blakey, R.C. 1989. Erg-margin deposit in the Lower Jurassic Moenave Formation and Wingate Sandstone, southern Utah, *Bulletin of the Geological Society of America*, **101** (6), 759-773. [dnbed]
- Cleveringa, P., de Gans, W., Klostrup, E. and Paris, F.P. 1977. Vegetational and climatic developments during the late glacial and Early Holocene and aeolian sand sedimentation as recorded in the Uteringsveen, Drenthe, the Netherlands, *Geologie en Mijnbouw*, **56** (2), 234-242. [stbdn dnbed]
- Clifton, H.E. 1977. Rain impact ripples, *Journal of Sedimentary Petrology*, **47** (2), 678-679.
- Cloet, R.L. 1954. Sand waves in the North Sea and Persian Gulf, *Journal of the Institute of Navigation*, **7**, 272-279. [dunelog]
- Cloos, H. 1911. Geologische Beobachtungen in Südafrika. I. Wind und Wüste im deutschen Namalande, *Neues Jahrbuch der Mineralogie und Paläontologie*, Beilage-Band., **32**, 49-70. [dune ?]
- Clos-Arceuduc, A. 1965. Les flueves de sables entre le Maroc et la Mauritanie et la théorie des barkhanes, *Comptes rendus de l'Académie des Sciences, Paris*, **261 D** (18), 3637-3639. [dune is (18) correct ??]
- Clos-Arceuduc, A. 1966a. L'application des méthodes d'interprétation des images à des problèmes géographiques. Exemples et résultats. Méthodologie, *Revue de l'Institut français de Pétrole*, **21**, 1783-1800. [dune]
- Clos-Arceuduc, A. 1966b. La frontière entre l'alizé et l'Erg Chech, *Bulletin de l'Ing. Géogr*, **36**, ** [dune]
- Clos-Arceuduc, A. 1966c. Le rôle déterminant des ondes aériennes stationnaire dans la structure des ergs sahariens et les formes d'érosion avoisinantes, *Comptes rendus de l'Académie des Sciences, Paris*, **D 262** (26), 2673-2676. [dune]
- Clos-Arceuduc, A. 1966d. Exemple d'emploi des vues aériennes pour la solution d'un problème géographique. Les mécanismes dunaires et l'érosion éolienne, *Science et Nature*, (78), novembre-décembre, 2-24. [dune copy]
- Clos-Arceuduc, A. 1967b. La direction des dunes et ses rapports avec celle du vent, *Comptes rendus de l'Académie des Sciences, Paris*, **264 D** (11), 1393-1396.

Clos-Arceuduc, A. 1967b. Analogies de l'alluvionnement dans l'eau de la mise en place des dépôts éoliens, *Actes du Congrès des Sociétés des Savantes de Paris et des Départements*, Strasbourg-Colmar, 183-194. [dnbed dune

Clos-Arceuduc, A. 1968. Emploi des couverture photographiques aériennes pour la verification des théories relatives à la formation des dunes allongées dans une direction voisine de celle du vent, **8^e Congrès international de Photogrammétrie, Lausanne, 8-20 juillet, Bulletin de la Société de Photogrammétrie**, Institut géographique national, Paris, 1-8. [dune copy

Clos-Arceuduc, A. 1969a. Essai d'explication des formes dunaires sahariennes, *Etudes des Photo-Interprétation*, **4**, Institute géographique National, 66 pp. [dune or 1970 ??

Clos-Arceuduc, A. 1969b. Emploi des couvertures photographiques aériennes pour la vérification des théories relatives à la formation des dunes allongés dans une direction voisine de celle du vent, *Proceedings of the 11th International Photogrammetric Congress*, **17** (5), Paper **8**, 8 pp. [or **15** or 1968 ??

Clos-Arceuduc, A. 1969c. L'Intérêt des formes dites mineures pour l'étude des phénomènes dunaires: réflexions sur la méthode en photointerprétation, *Bulletin de la Société français de Photogrammétrie*, **36**, 43-51. [dune or **76**, 9 pp. ??

Clos-Arceuduc, A. 1969/70. Emploi des photographies aériennes pour l'étude des dunes sahariennes allongés dans une direction voisine de celle du vent, *Photogrammetria*, **25** (5-6), 189-199.

Clos-Arceuduc, A. 1971a. Disposition des structures éoliennes au voisinage d'une groupe de barkhanes à parcours limité; étude d'une groupe isolé de barkhanes au sud du Tibesti; évolution des barkhanes sur un parcours limité par deux aires où la déflation éolienne interdit la présence des dunes, *Photo-interprétation* (Ed Technip, Paris), **10** (71-2), ** [dune

Clos-Arceuduc, A. 1971b. Les dunes et l'évolution du climat, *96ème Congrès national des Sociétés savantes*, Toulouse, 297-309.

Clos-Arceuduc, A. 1972. Typologie des dunes vives, *Travaux de l'Institut géographique de Reims*, **6**, 63-72.

Clos-Arceuduc, A. 1973a. How a group of silks changes direction immediately after being formed, *Revue de Photo-Interprétation*, **12** (73-1), 1-7. [dune

Clos-Arceuduc, A. 1973b. L'apparition des silks formés aux depens des sables fixés: signe de l'avance du désert, *Revue de Photo-Interprétation*, **12** (73-1), 8-14. [dune

Clos-Arceuduc, A. 1973c. Changement de direction d'une groupe de silks sitot après s formation, *Photo-intérpretation*, **12** (73-1), 1-7. [dune

Clos-Arceuduc, A. 1974. Les silks d'assèchement du Sahel, *Communication au Congrès des Savants à Besançon*, mars, 231-239. [dune stbdn dnuse

Clothier, D.D. and Condon, R.W. 1968. Bitumen straw mulching for better stabilization on the Koscuisko road, *Journal of the Soil Conservation Service of New South Wales*, **24**, 218-230. [dnuse brief abstract in Busche *et al.* 1984

Cloud, P.E.Jr. 1966. Beach cusps: response to Plateau's rule ? *Science*, **154**, 890-891. [dunelog

Clough, K.S. and Sutton, T.C. 1978. Direct observations of fungal aggregation in sand dune soil, *Canadian Journal of Microbiology*, **24**, 333-335. [sdmo codn dnsol

- Coaldrake, J.E. 1954. The sand dunes of the Ninety-Mile Plain, southeastern Australia, *Geographical Review*, **44** (3), 394-407. [codn
- Coaldrake, J.E. 1962. The coastal sand dunes of southern Queensland, *Proceedings of the Royal Society of Queensland*, **72** (7), 101-116. [codn or 1963 ??
- Coastal Engineering Research Center 1977. *Shore protection manual, United States Army Corps of Engineers*, 2 Volumes, CERC, Waterways Experimental Station, Vicksburg, MS, ** [no consistent pagination codn geog e 20 uni codn: "role of foredunes in shore processes, 4.108-4.112; Sand dunes, 5.24-5.26.
- Cobb, C. 1906. Where the wind does the work, *National Geographic Magazine*, **17**, 312-314. [sdmo dune ripple
- Cobb, C. 1931. Dune sands and aeolian soils in relation to present and past climatic conditions on the continent of North America (abstract), *Proceedings of the 13th International Geographical Congress*, Paris, **2**, 712.
- Coch, N.K. and Krinsley, D.H. 1971. Comparison of stratigraphic and electron microscopic studies in Virginia Pleistocene coastal sediments, *Journal of Geology*, **79** (4), 426-437. [sand
- Cockayne, L. 1911. *Report on the sand dune areas of New Zealand and their geology, botany and reclamation*, MacKay, Government Printer, Wellington, 76 pp. [codn dnveg dnuse or 1909, 30 pp. ??
- Coetzee, F. 1975a. Coastal aeolianites at Black Rock, Northern Zululand, *Transactions of the Geological Society of South Africa*, **78**, 313-22. [dnbed codn
- Coetzee, F. 1975b. Solution pipes in coastal aeolianites of Zululand and Mozambique, *Transactions of the Geological Society of South Africa*, **18**, 323-33. [stbdn codn
- Coffey, G.N. 1909. Clay dunes, *Journal of Geology*, **17** (8), 754-755. [stbdn
- Cohen, O.P., Shanan, L. and Evenari, M. 1965. Effect of synthetic rubber crusts on soil temperature, *Israeli Journal of Agricultural Research*, **15** (3), 147-148. [glue dnuse
- Coker, A.M., Thompson, P.M., Smith, D.I. and Penning-Rowsell, E.C. 1989. The impact of climate change on coastal zone management in Britain, in *Suomen Akatemian Julkaisuja*, **89**, 9, Conference on Climate and Water, 2, Helsinki, 148-160. [codn dnuse ?
- Coleman, N.L. 1967. A theoretical and experimental study of drag and lift forces acting on a sphere resting on a hypothetical stream bed, *Proceedings of the 12th Congress, International Hydraulic Research*, **3**, 185-192. [sdmo
- Coleman, N.L. 1969. A new examination of sediment suspension in open channels, *Journal of Hydraulics Research*, **7** (1), 67-82. [sdmo
- Coleman, N.L. 1970. Flume studies of the sediment transfer coefficient, *Water Resources Research*, **6** (3), 801-809. [sdmo
- Collado, F. 1986. *La regeneración de la primera linea dunar de la Devesa de la Albufera de Valencia*, Universidad Politécnica, Trabajo Fin de Carrera, Valencia, 158 pp. [dnuse codn
- Collins, F.R. 1958. Vegetated sand dunes in central Alaska (abstract), *Bulletin of the Geological Society of America*, **69** (12), 1752. [stbdn abstract in Niessen, *et al.*, 1984
- Collinson, J.D. 1978. Deserts, in *Sedimentary environments and facies*, Ed. Reading, H.G., Blackwell, Oxford, 80-96. [dnbed brief abstract in Busche *et al.*, 1984

- Collinson, J.D. and Thompson, D.B. 1988. *Sedimentary structures*, (Second Edition), Unwin Hyman, London, 208 pp. [Geol E 57 COL dnbed]
- Colquhoun, R.S. 1969. Dune erosion and protective works at Pendine, Carmarthenshire, *Proceedings of the 11th Coastal Engineering Conference*, **1**, London, American Society of Civil Engineers, 708-718. [dnuse codn or **11** (1, Chapter 45) ??, abstract in Busche *et al.*, 1984]
- Colton, R.B. 1977. Eolian features and deposits in the Front Range urban corridor, Colorado, *Abstracts with Programs, Geological Society of America*, **9**, 717. [stbdn]
- Colton, R.B. 1978. Geologic map of the Bolder-Fort Collins-Greeley area, Colorado, *Miscellaneous Investigations Series Map*, **I-855-G**, United States Geological Survey, ** [stbdn]
- Combier, R.P.Ch 1939. Les vents de sable en Syrie, *Ciel et Terre*, **3**, ** [sdmo]
- Combier, R.P.Ch., 1937. Vents de sables et pluies de boues, in *Généralités sur les vents de sable et pluies de boue*, Ed. Petitjean, L., *Mémoire*, **27**, Office national de la Météorologie de France, Paris, ** [dclim dust wind sdmo]
- Committee on Environment and Public Policy, Geological Society of America 1977. *Impacts and management of off-road vehicles*, GSA, 8 pp. [dnuse]
- Commonwealth Bureau of Soils 1978. *Sand dune stabilization (1952-1976). Annotated bibliography*, CBS, Harpenden, 12 pp. [dnuse]
- Conacher, A.J. 1971. The significance of vegetation fire and man in the stabilization of sand dunes near the Warburton Ranges, central Australia, *Earth Science Journal*, **5** (1), 92-94. [dnuse stbdn]
- Conally, G.G., Krinsley, D.H. and Sirkin, L.A. 1972. Late Pleistocene erg in the upper Hudson Valley, New York, *Bulletin of the Geological Society of America*, **83**, (5), 1537-1542. [stbdn dune]
- Condon, R.W. 1954. Sand drift control on Coomealla irrigation area, *Journal of the Soil Conservation Service of New South Wales*, **10**, 109-115. [dnuse sdmo]
- Condon, R.W. and Barr, D.A. 1968. Guidelines for real estate development near coastal dunes and beach areas, *Journal of the Soil Conservation Service of New South Wales*, **24**, 237-245. [dnuse codn]
- Connell, R.L. and Lange, R.T. 1963. Significant trends of surface lime in coastal dunes on the Younghusband Peninsula, *Australian Journal of Science*, **26** (2), 59-60. [codn dsol or connel or correll ??]
- Conneybeare, C.E.B. 1976. *Geomorphology of oil and gas fields in sandstone bodies*, Elsevier, Amsterdam, 341 pp. [dnbed]
- Conrad, G. 1969. *L'évolution continentale post-hercynienne du Sahara algérien (Saoura, Erg Chech-Tanezrouft, Ahnet-Mouydir)*, *Série Géologie*, **10**, Centre national de Recherche scientifique (CNRS) - Centre de Recherches sur les Zones arides (CRZA), Paris, 527 pp. [dune or J. ??]
- Conway, M.J. 1956. Mechanisation in sand dune afforestation, *Empire Forestry Review*, **35** (2), 143-148. [dnuse]
- Cook, P.G. 1986. A review of coastal dune-building in eastern Australia, *Australian Geographer*, **17** (2), 133-143. [codn]
- Cook, P.J. 1966. *The Stairway Sandstone: a sedimentological study*, unpublished M.Sc. dissertation, Australian National University, Canberra, ** [dnbed]

- Cook, P.J., Colwell, J.B., Firman, J.B., Lindsay, J.M., Schwebel, D.A. and Von Der Borch, C.C. 1977. Late Cainozoic sequence of South East of South Australia and Pleistocene sea level changes, *BMR Journal of Australian Geology and Geophysics*, **2**, 81-88. [codn]
- Cooke, H.J. 1980. Landform evolution in the context of climatic change and neo-tectonism in the middle Kalahari of north-central Botswana, *Transactions of the Institute of British Geographers*, NS **5** (1), 80-99. [stbdn dune]
- Cooke, H.J. 1983. The evidence from northern Botswana of Late Quaternary climatic change, in *Late Cainozoic climates of the southern hemisphere*, Ed. Vogel, J.C., *Proceedings of the Symposium*, South African Society for Quaternary Research, Balkema, Rotterdam, 265-278. [stbdn dune]
- Cooke, R.U. 1985. Charting the Wahiba Sands, *Geographical Magazine*, **57**, 268-273. [dune]
- Cooke, R.U., Jones, D.K.C. and Warren, A. 1985. Estimating sand and dust hazards in deserts: an example from Saudi Arabia, in *Resource Management in Drylands*, Ed. Meckelein, W. and Mensching, H., *Stuttgarter geographische Studien*, **105**, 19-28. [dnuse]
- Cooper, A. 1975. Dune vegetation of the south Atlantic coast, U.S.A., in *Colloques phytosociologiques*, **1**, *La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 53-59. [dnveg codn brief abstract in Busche *et al.*, 1984]
- Cooper, J.D., Ed. 1982. *Geologic excursions in the California Desert*, Geological Society of America, Boulder, ** [dune]
- Cooper, W.S. 1938. Ancient dunes of the upper Mississippi Valley as possible climatic indicators, *Bulletin of the American Meteorological Society*, **19**, 193. [stbdn]
- Cooper, W.S. 1944. Development and maintenance of the natural profile of a transverse dune ridge, *American Philosophical Society, Yearbook*, 150-153.
- Cooper, W.S. 1958. *Coastal sand dunes of Oregon and Washington, Memoir*, **72**, Geological Society of America, 169 pp. [codn brief abstract in Busche *et al.*, 1984]
- Cooper, W.S. 1967. *Coastal dunes of California, Memoir*, **104**, Geological Society of America, 131 pp. [codn]
- Coque, R. 1962. *La Tunisie présaharienne: étude géomorphologique*, Colin, Paris, 476 pp. [dune geog qf 22 coq]
- Coque, R. 1979. Sur la place du vent dans l'érosion en milieu aride. L'exemple des lunettes (bourrelets éoliens) de la Tunisie, *Méditerranée*, **35** (1-2), 15-21. [dune stbdn abstract in Busche *et al.*, 1984]
- Coque, R. and Jauzein, A. 1967. The geomorphology and Quaternary geology of Tunisia, *9th Annual Field Conference of the Petroleum Exploration Society of Libya*, 227-257. [Geol QC 10 PET dune]
- Corbett, W.M. 1973. *Breckland forest soils, Soil Survey Special Survey*, **7**, Soil Survey of England and Wales, Rothamstead Experimental Station, Harpenden, 120 pp. [stbdn dnsol inst of arch daa 2 series soi spe]
- Cordero, M.C. 1967. *Los grandes campos de dunas del norte Chico*, unpublished dissertation, Facultad de Filosofia y Educacion, Seccion Geografia, 100 pp. [dune]
- Corey, A.T. 1949. *Influence of shape on the fall velocity of sand grains*, unpublished M.Sc. dissertation, Colorado A and M College, Fort Collins, 102 pp. [sdmo]

- Cornet, A. 1950. Reconnaissance géologique dans l'Erg d'Oubari et la Hamada Zeher (Fezzan), *Travaux de l'Institut de Recherches sahariennes*, **6**, 63-72. [dune]
- Cornet, A. 1952. *L'Atlas saharien sud-oranais*, in **19th International Congress of Geology, Monographies régionaux**, 1^e Série, Algérie, **12**, 51 pp. [geog a 6 int dune]
- Cornet, A. 1951. Le problème géologique du Chott ech Chergui, **70^e Congrès de l'Association française pour l'Avancement du Science**, fasc. **1**, 115-131. [dune]
- Cornet, A. 1952. Essai sur l'hydrologie du Grand Erg occidental et des régions limitrophes (les foggaras), *Travaux de l'Institut de Recherches sahariennes*, **8**, 71-122. [dune dnhyd]
- Cornet, A. 1964. Introduction à l'hydrologie saharienne, *Revue de Géographie physique et Géologie dynamique*, **6**, 5-72. [dnhyd]
- Cornish, V. 1896a. Rippling of sand by water and by wind, *Geological Magazine*, **3**, 521.
- Cornish, V. 1896b. Rippling of sand, *Report of Section C*, British Association for the Advancement of Science, 794.
- Cornish, V. 1897. On the formation of sand dunes, *Geographical Journal*, **9** (3), 278-309.
- Cornish, V. 1899. On "kumatology", *Geographical Journal*, **13** (6), 624-628. [dune]
- Cornish, V. 1900a. *Formations des dunes de sable*, Publications, Institut géographique, Université Nouvelle, Bruxelles, **2**, **
- Cornish, V. 1900b. On desert sand dunes bordering the Nile Delta, *Geographical Journal*, **15** (1), 1-32.
- Cornish, V. 1900c. On snow ripples etc. in Scotland, *Report of the British Association for the Advancement of Science*, Section **E**, Bradford, ** [dune]
- Cornish, V. 1901a. Sand waves and tidal currents, *Geographical Journal*, **18** (2), 170-202. [dunelog]
- Cornish, V. 1901b. On the formation of surface waves in sand, *Scottish Geographical Magazine*, **27** (1), 1-11. [dune]
- Cornish, V. 1902. On snow-waves and snow drifts in Canada, *Geographical Journal*, **20** (2), 137-173. [dune]
- Cornish, V. 1904. Terrestrial surface waves and wave-like surfaces, *Report of the British Association for the Advancement of Science*, Section **E**, Cambridge, ** [dune]
- Cornish, V. 1905. Waves in water, snow and sand, *Photographic Journal*, 29-33. [dune ripple]
- Cornish, V. 1907. Progressive waves in rivers, *Geographical Journal*, **29** (1), 23-31. [dunelog]
- Cornish, V. 1908. On the observation of desert sand dunes, *Geographical Journal*, **31** (4), 400-402.
- Cornish, V. 1909. Wind waves in water, snow, sand and cloud, *Quarterly Journal of the Royal Meteorological Society*, **35** (151), 149-160. [dune ripple]
- Cornish, V. 1914. *Waves of sand and snow and the eddies which make them*, T. Fisher Unwin, London, 383 pp. [RGS 565 F dune]
- Cornish, V. 1927. Waves of granular material formed and propelled by winds and currents, *Royal Aeronautical Society, London, Monthly Notices, Supplement*, **1** (9), 447-467. [dune]

- Cornish, V. 1928. Limits of forms and magnitude of desert dunes, *Nature*, **121** (3051), 620-622.
- Cornish, V. 1934. *Ocean waves and kindred geophysical phenomena*, Cambridge University Press, Cambridge, 164 pp. [dune]
- Corré, J.-J. 1975. Etude d'un massif dunaire le long du littoral méditerranéen. Structure et dynamique du milieu et de la végétation, in *Colloques phytosociologiques*, **1**, *La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 201-223. [codn dnveg abstract in Busche *et al.*, 1984]
- Corsi, B. and Warrick, S. 1984. Sand dunes: now and then, *Pacific Discovery*, **37** (4), 22-28.
- Cortemiglia, G.C. 1979. Caratteristiche morfometriche delle ondulazioni da vento del Sahara Algerino, Nigerino e Tunisino, *Accademia Ligure di Scienze e Lettere*, Genoa, **36**, 156-182. [dune ripple]
- Cortright, R. 1987. Foredune management on a developed shoreline: Nedonna Beach, Oregon, *Coastal Zone '87*, American Society of Civil Engineers, New York, 1343-1356. [codn dnuse]
- Corvinus, G. 1978. Palaeontological and archaeological investigations in the lower Orange Valley from Arrisdrift to Obib, *Palaeoecology of Africa*, **10**, 75-92. [stbnd]
- Costello, W.R. 1974. *Development of bed configurations in coarse sands, Report*, **74.1**, Earth and Planetary Sciences Department, Massachusetts Institute of Technology, Cambridge, MA, **. [dunelog]
- Costello, W.R. and Southard, J.B. 1981. Flume experiments on lower flow-regime bed forms in coarse sand, *Journal of Sedimentary Petrology*, **51** (3), 849-865. [dunelog]
- Costin, E. 1959. La fixation et mise en valeur des dunes de sable par la plantation profonde de boutures (in Roumanian), *Revista Padurilor*, Bucharest, **74** (1), 23-26. [codn dnuse]
- Costin, E. 1972. People's Democratic Republic of Yemen – forestry with special reference to sand dune fixation and establishment of windbreaks, **ESR-UNDP/SF SOY/3**, Food and Agriculture Organization of the United Nations (FAO), Agricultural Demonstration and Training, El-Kod and Giar, *Research Series*, **5**, FAO, Rome, 59 pp. [microfiche dnuse abstract in Busche *et al.* 1984]
- Costin, E., Baleidi, A.S., Ezz, M. and Bazara, M. 1974. Sand dune fixation in some semi-desert countries of the Middle East, in *Report on the FAO/DANIDA inter-regional training centre on heathland and sand dune afforestation*, Food and Agriculture Organization of the United Nations (FAO) / Danish International Development Agency (DANIDA), Denmark and Libya, 26 August to 21 September 1973. FAO, Rome, 66-79. [dnuse]
- Cotera, A.S. 1976. Grain size parameters of eolian deposits, *Proceedings of the International Colloquium on Planetary Geology, Geologica Romana*, **15**, 326-328. [sand]
- Cotera, A.S. and McCauley, C.K. 1977. Comparative analysis of fluvial versus eolian sources for wind deposits (abstract), in *Eolian processes*, Eds. Arvidson, R.E. and Wahman, **, *Reports of Planetary Geology Program*, **TMX-3511**, National Aeronautics and Space Administration (NASA), Washington, DC, 153-154. [sand]
- Coudé-Gaussen, G. and Lautridou, J.P. 1987. SEM characterisation of microfeatures on frost shattered quartz grains, in *Loess and periglacial phenomena*, Ed. Pécsi, M. and French, H.M., Akadémia Kiadó, Budapest, 253-362. [sand]
- Coudé-Gaussen, G., Riser, J. and Rognon, P. 1984. L'erg gris d'Ine Koussamène: un exemple d'erg à dunes d'argile, in *Sahara ou Sahel*, Eds. Petit-Maire, N. and Riser, J., Centre national de la recherche scientifique (CNRS) et Ministère des Relations Extérieures, 97-119. [stbnd]

- Coudé-Gaussen, G., Riser, J., Rognon, P. and Weisrock, A. 1982. Le matériel de deux édifices dunaires postérieurs au dernier pluvial, nord du Mali et sud-ouest de Maroc, *Bulletin de l'Association de Géographes français*, **59** (483-484), 47-51. [sand abstract in Busche *et al.*, 1984]
- Coudé-Gaussen, G., Rognon, P. and Weisrock, A. 1982. Evolution du matériel sableux au cours de son déplacement dans un système dunaire: les barkhanes du Cap Sim au sud d'Essaouira, Maroc, *Comptes rendus de l'Académie des Sciences, Paris, D* **295** (5), 621-624. [sand]
- Coulibaly, L. 1968. Afforestation of sand dunes in north-eastern Mali, *Seminar on heathland and sand dune silviculture*, Denmark, **CF 08799**, Food and Agriculture Organization of the United Nations (FAO), 3 pp. [dnuse]
- Coulson, A.L. 1940. The sand dunes of the Portland District and their relation to post-Pliocene uplift, *Proceedings of the Royal Society of Victoria*, NS, **52**, 314-332. [codn]
- Counihan, J. 1971. Wind tunnel determination of roughness length as a function of the roughness density of three-dimensional elements, *Atmospheric Environment*, **5** (4), 637-642. [sdmo]
- Counihan, J., Hunt, J.C.R. and Jackson, P.S. 1974. Wakes behind two-dimensional surface obstacles, *Journal of Fluid Dynamics*, **64** (3), 529-563. [sdmo]
- Courbis, M. 1890. Les dunes et les eaux souterraines du Sahara, *Comptes rendus de la Société géographique française*, 114-119. [dnhyd]
- Courel, M.F. 1974. *Etude géomorphologique des systèmes dunaires du Cap Vert, (Sénégal)*, unpublished maîtrise dissertation, Université de Paris VII, 181 pp. [dune codn]
- Courel, M.F. 1975. Nouvelles observations sur les systèmes dunaires du Cap Vert (Sénégal), *Travaux de Géographie tropicale, Etudes de Géomorphologie tropicale*, **22**, CEGT, 218-241. [codn]
- Courel, M.F. 1977. *Etudes géomorphologiques des dunes du Sahel: Niger nord-occidental, Haute Volta septentrionale*, Thèse, 3^{ème} cycle, Université de Paris 7. 284 pp. [stbdn dune]
- Courel, M.F. 1985. *Etudes de l'évolution récente des milieux sahéliens à partir des mesures fournis par les satellites*, Thèse d'Etat, Université de Paris 1, 407 pp. [stbdn dune]
- Coursin, A. 1956. *Etudes des barkhanes à l'est de Port Etienne, TPOAF Report*, Dakar, 17 pp. [dune]
- Coursin, A. 1964. Observation et expériences faites en avril et mai 1956 sur les barkhanes du Souhel et Abiodh (région est de Port Etienne), *Bulletin de l'Institut française de l'Afrique noire*, **A 26** (3), 989-1022. [dune abstract in Busche *et al.*, 1984]
- Courtecuisse, R. 1984. Transect mycologique dunaire sur la Côte d'Opale (France). I. Les groupements héliophiles et arbustifs de la xerosere, *Documents Mycologiques*, **15** (57-58), 1-115. [codn dnveg]
- Courtecuisse, R. 1986. Transect mycologique dunaire sur la Côte d'Opale (France). II. Les groupements de hygrosere, *Documents mycologiques*, **17** (66), 1-70. [codn]
- Coventry, R.J. 1988. Discussion: history of coastal dunes at Triangle Cliff, Fraser Island, Queensland, *Australian Journal of Earth Science*, **35** (4), 579-583. [codn]
- Cowie, J.D. 1968a. Dune building phases in the Manawatu District, New Zealand, *New Zealand Journal of Geology and Geophysics*, **6**, 268-280. [codn]
- Cowie, J.D. 1968b. Pedology of soils from wind-blown sands in the Manawatu District, *New Zealand Journal of Science and Technology*, **11**, 459-487. [codn dnsol]

- Cowles, H.C. 1899. The ecological relations of the vegetation on the sand dunes of Lake Michigan, *Botanical Gazette*, **27**, 95-117; 167-202; 281-308; 361-391. [codn dnveg]
- Cowles, H.C. 1901. The physiographic ecology of Chicago and vicinity, *Botanical Gazette*, **31**, 73-108; 145-181. [codn dnveg]
- Cowles, H.C. 1911. A fifteen year study of advancing dunes, *Report of the British Association for the Advancement of Science*, 565. [codn]
- Cox, ** 1927. ** shape of sand **, *Journal of Palaeontology*, **1**, 179-**. [codn dnveg]
- Cox, G.W. 1984a. The distribution and origin of mima mound grasslands in San Diego County, California, *Ecology*, **65**, 1397-1405. [dveg dune?]
- Cox, G.W. 1984b. Mounds of mystery, *Natural History*, **93** (6), 36-45. [dune? dnveg]
- Cox, G.W. and Gakahu, C.G. 1986. A latitudinal test of the fossorial rodent hypothesis of mima mound origin, *Zeitschrift für Geomorphologie*, NF **30** (4), 485-501. [dune dnveg]
- Cox, G.W. and Lawrence, W.T. 1983. Cemented horizon in subarctic Alaskan sand dunes, *American Journal of Science*, **283** (4), 369-373. [dnsol see also discussion by Galloway]
- Cox, G.W., Lovegrove, B.G. and Siegfried, W.R. 1987. The small stone content of mima-like mounds in the South African Cape region: implications for mound origin, *Catena*, **14** (3), 165-176. [dnveg dune]
- Craig, R.G., Wolfe, R.W., Hoyt, B.K., Schmidt, M.S., Raymondi, M. and Kaufman, K. 1980. Detection of dune areas using the autocorrelation structure of digital imagery: Earth and Mars (abstract), *Reports of Planetary Geology Program*, **NASA-TM-82385**, National Aeronautics and Space Administration (NASA), Washington DC, 319-321.
- Crausse, E. and Pouzens, G. 1958. Sur la possibilité d'étude hydrodynamique en modèle réduit des dunes désertiques isolée du type barkhane, *Comptes rendus de l'Académie des Sciences, Paris*, **246**, 544-546. [abstract in Busche *et al.*, 1984]
- Crawford, C.S. and Seely, M.K. 1987. Assemblages of surface-active arthropods in the Namib dunefield and associated habitats, *Revue de Zoologie africaine*, **101**, 397-421. [decol dnveg]
- Crawford, I.A. 1980. Towards an integrated general knowledge of machair - the need for intimate field observation and the real demands of the inter-disciplinary approach, in *Sand dune machair*, **3**, Ed. Ranwell, D.S., Institute for Terrestrial Ecology, Norwich, 20-24. [codn dnveg]
- Crawford, I.A. and Switsur, R. 1977. Sandscaping and C₁₄: the Udal, North Uist, *Antiquity*, **51**, 124-136. [codn dnuse]
- Crawford, R.M.M. and Wishart, D. 1966. A multivariate analysis of the development of dune slack vegetation in relation to coastal accretion at Tentsmuir, Fife, *Journal of Ecology*, **54**, 729-744. [codn dnveg]
- Crema, C. 1933. Risalti crestiforme e "seghife" dune tipi morfologici proprii delle regione aride osservati in Libia, *Proceedings of the 16th International Geological Congress*, Washington, DC, **2**, 737-740.
- Cressey, G.B. 1922. Notes on the sandhills of northwestern Indiana, *Journal of Geology*, **30** (3), 248-251. [codn]
- Cressey, G.B. 1928. The Indiana sand dunes and shore lines of the Lake Michigan basin, *Bulletin of the Geographical Society of Chicago*, **8**, University of Chicago Press, Chicago, 80 pp. [codn]

- Crickmore, M.J. and Lean, H.J. 1962. The measurement of sand transport by the time-integration method with radioactive tracers, *Proceedings of the Royal Society of London*, **A 270** (1340), 27-47. [sdmo]
- Criswell, D.R., Lindsay, J.F. and Reasoner, D.L. 1975. Seismic and acoustic emissions of a booming dune, *Journal of Geophysical Research*, **80** (35), 4963-4974. [sand]
- Crocker, R.L. 1941. Notes on the geology of south-east South Australia with reference to late climatic history, *Transactions of the Royal Society of South Australia*, **65**, 103-102. [codn ?]
- Crocker, R.L. 1944. The Simpson Desert Expedition, 1939. Scientific Reports. The soils and vegetation relationships in the lower South-East of South Australia, a study in ecology, *Transactions of the Royal Society of South Australia*, **68**, 144-172. [codn]
- Crocker, R.L. 1946. The soil and vegetation of the Simpson Desert and its borders, *Transactions of the Royal Society of South Australia*, **70**, 235-258. [dune dnsol dnvveg]
- Crocker, R.L. and Cotton, B.C. 1946. Some raised beaches of the lower south-east of South Australia and their significance, *Transactions of the Royal Society of South Australia*, **70**, 64-82. [codn]
- Crocker, R.L. and Wood, J.G. 1947. Some historical influences on the development of the South Australian vegetation communities and their bearing on concepts and classification in ecology, *Transactions of the Royal Society of South Australia*, **71**, 91-136. [dveg dnvveg]
- Crofts, R.S. 1971. Sand movement in the Emlybeg dunes, County Mayo, *Irish Naturalists Journal*, **17** (4), 132-136. [sdmo codn]
- Crofts R.S. 1973. The utilisation of sandy coasts in the Scottish Highlands, *Paper to the Institute of British Geographers, Recreation Geography Symposium, Birmingham*, 9 pp. [codn dnuse]
- Crommelin, R.D. 1964. A contribution to the sedimentary petrology and provenance of young Pleistocene cover sands in the Netherlands, *Geologie en Mijnbouw*, **43** (9), 389-402. [abstract in Niessen, *et al.* 1984 stbdn]
- Crommelin, R.D. and Keuls, N. 1970. The statistical discrimination between coversand areas in the Netherlands, *Geologie en Mijnbouw*, **49** (4), 319-328. [stbdn]
- Crutcher, H.L. 1957. On the standard vector deviation wind rose, *Journal of Meteorology*, **14** (1), 28-33. [sdmo]
- Crutcher, H.L. and Baer, L. 1962. Computations form elliptical wind distribution statistics, *Journal of Applied Meteorology*, **1** (4), 522-530. [sdmo]
- Crook, K.A.W. 1968. Weathering and roundness of quartz sand grains, *Sedimentology*, **11**, 171-182.
- Crosswhite, F.S. and Crosswhite, C.D. 1982. The Sonoran Desert, in *Reference handbook of the deserts of North America*, Ed. Bender, G.L., Greenwood, Westport, Connecticut, 163-320. [dune]
- Crowe, R.W.A. 1975. The classification, genesis and evolution of sand dunes in the Great Sandy Desert, *Annual Report*, Western Australian Geological Survey, Department of Mines, 86-89.
- Cruickshank, J.G. 1980. Buried relict soils at Murlough Sand Dunes, Dundrum, Co Down, *Irish Naturalists Journal*, **20** (1), 21-30. [codn dnsol]
- Csanady, G.T. 1963a. Turbulent diffusion of heavy particles in the atmosphere, *Journal of Atmospheric Science*, **20** (3), 201-208. [sdmo]

- Csanady, G.T. 1963b. On the resistance law of turbulent boundary layer, *Journal of Atmospheric Science*, **24** (5), 467-471. [sdmo check date and vol ??]
- Csanady, G.T. 1972. Geostrophic drag, heat and mass transfer coefficients for the adiabatic Ekman layer, *Journal of Atmospheric Sciences*, **29** (3), 488-496. [sdmo]
- Cui, B., Komar, P.D. and Baba, J. 1983. Settling velocities of natural sand grains in air, *Journal of Sedimentary Petrology*, **53** (4), 1205-1211.
- Cullen, P.W. 1973. Experiments on stabilizing coastal dunes, *Proceedings of the 1st Australian Conference on Coastal Engineering*, Sydney, 135-139. [codn dnuse abstract in Busche *et al.*, 1984]
- Cullen, P.W. and Bird, E.C.F. 1980a. Managing coastal dunes in South Australia, *Coastal zone '80. Proceedings of the Symposium on Coastal and Ocean Management*, **2**, 1252-1267. [codn dnuse]
- Cullen, P.W. and Bird, E.C.F. 1980b. *The management of coastal sand dunes in South Australia*, Geostudies, Black Rock, Victoria, 83 pp. [codn dnuse]
- Culver, S.J., Bull, P.A., Campbell, S., Shakesby, R.A. and Whalley, W.B. 1983. Environmental discrimination based on quartz grain surface textures: a statistical investigation, *Sedimentology*, **30** (1), 129-136. [sand]
- Curtis, C.D. 1983. *Geochemistry and grain coatings of Qatar dune sands*, unpublished report, Qatar Ministry of Public Works, **
- Curzon, Lord 1923. *Tales of travel*, Hodder and Stoughton, London, 344 pp. [singing sand pp. 261-339. RGS 145 F]
- Cutts, J.A. and Smith, R.S.U. 1973. Eolian deposits and dunes on Mars, *Journal of Geophysical Research*, **78** (20), 4139-4154.
- Cuzacq, V. 1889. *Le pin maritime des dunes de Gascogne*, Lassère, Bayonne, ** [codn dnveg dnuse]
- Cuzacq, V. 1893. *Les grands dunes de Gascogne*, Lamaignère, Bayonne, ** [codn]
- Cvijanovich, B.-G. 1953. Sur le rôle des dunes en relation avec le système hydrologique de la nappe souterraine du Grand Erg, *Travaux de l'Institut de Recherche sahariennes*, **9**, 131-136. [dune]
- Czapkiewicz, B. 1936. Spuren des Swiderien auf den Dünenfundplätzen der Umgegend von Krakow, (Polish, German abstract), *Wiadomosci archeologiczne*, **14**, 32-39. [stbdn]
- Czeppe, Z. 1966. Przebieg głównych procesów morfogenetycznych w południowozachodnim Spitzbergenie, *Prace Geograficzne Zeszyty*, Uniwersytetu Jagiellońskiego, **13**, 122-123. [the course of the main morphogenetic processes in southwestern .. dune abstract in Niessen, *et al.* 1984]
- Czerny, F. 1876. Die Wirkung der Winde auf die Gestaltung der Erde, *Petermanns geographische Mitteilungen, Ergänzungsband*, **11**, ** [rgs 404 405 a-e can't follow pagination dune or 1876-1877 ??]
- Czock, H. and Wieland, P. 1965. Naturnaher Küstenschutz am Beispiel der Hörnum-Düne auf der Insel Sylt nach der Sturmflut vom 16/17. Februar 1962, *Die Küste*, **13**, 61-72. [codn dnuse brief abstract in Busche *et al.*, 1984]
- Czyscinski, K.S., Byrnes, J.B. and Pedlon, G.W.III 1978. *In situ* red bed development by the oxidation of authigenic pyrite in a coastal depositional environment, *Palaeogeography, Palaeoclimatology, Palaeoecology*, **24**, 239-246. [codn]

- Dabin, B. 1959. *Mission pédalogique au Niger central, Rapport*, **4533**, Institut d'Enseignements et de Recherche tropicales, Adiopodoume, Niger, ** [stbnd dnsol]
- Dacey, M.F. and Krumbein, W.C. 1979. Model of breakage and selection for particle size distributions, *Mathematical Geology*, **11**, 193-222. [sand]
- Dahl, B.E., *et al.* 1974. Stabilization and reconstruction of Texas coastal foredunes with vegetation, *Gulf Universities Research Consortium Report*, Galveston, Texas, **139**, 313 pp. [codn dnuse dnveg abstract in Busche *et al.*, 1984]
- Dahl, B.E., Cotter, P.C., Wester, D.B. and Drbal, D.D. 1983. *Post-hurricane survey of experimental dunes on Padre island, Texas*, **MR 83-8**, United States Army Coastal Engineering Research Center, ** [codn dnuse]
- Dahl, B.E., Fall, B.A., Lohse, A. and Appan, S.G. 1975. Construction and stabilization of coastal foredunes with vegetation: Padre Island, Texas, *Miscellaneous Paper*, **9-75**, United States Army, Corps of Engineers, Coastal Engineering Research Center, 188 pp. [codn dnuse abstract in Busche *et al.*, 1984]
- Dahl, B.E., Fall, B.A. and Otteni, L.C. 1973. Vegetation for creation and stabilization of foredunes, Texas coast, in *Estuarine research. II. Geology and engineering*, Ed. Cronin, L.E., Academic Press, New York, 457-470. [codn dnuse]
- Dahl, B.E. and Goen, J.P. 1977. Monitoring foredunes on Padre Island, Texas, *Miscellaneous Paper*, **77-8**, United States Army, Corps of Engineers, Coastal Engineering Research Center, 69 pp. [codn dnuse abstract in Busche *et al.*, 1984]
- Dalquest, W.W. and Sheffer, V.B. 1942. The origin of mima mounds of western Washington, *Journal of Geology*, **50** (1), 68-84. [dune?]
- Dalrymple, R.W., Knight, R.J. and Lambiase, J.J. 1978. Bedforms and their hydraulic stability relationships in a tidal environment, Bay of Fundy, Canada, *Nature*, **275** (5676), 100-104. [dunelog]
- Dalsgaard, K. and Jensen, J.L. 1985. A methodological study of the sieving of small sand samples, *Proceedings of the International Workshop on the Physics of Blown Sand*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O.E., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir* **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 609-632.
- Dan, J. 1981. Soils of the sandy region of the western Negev, in *Aridic soils of Israel*, Eds. Dan, J., Gerson, R., Koyumdjisky, H. and Yaalon, D.H., *Special Publication*, **190**, Agricultural Research Organization, Institute of Soils and Water, Volcani Centre, Bet Dagan, Israel, 211-221. [dsol dnsol]
- Dan, J. and Yaalon, D.H. and Koyumdjisky, H. 1968/69. Catenary soil relationships in Israel. 1. The Netanya Catena on coastal dunes of the Sharon, *Geoderma*, **2** (1), 95-120. [codn dnsol]
- Daniel, G. 1977. *Dune country: a guide for hikers and naturalists*, Swallow Press, Chicago, 167 pp. [dnecol Michigan and Indiana]
- Danel, P., Durand, E. and Condolios, E. 953. Introduction à l'étude de la saltation, *Houille Blanche*, **8**, décembre, 815-829. [sdmo]
- D'Anglejan, B.F. 1971. Submarine sand dunes in the St. Lawrence estuary, *Canadian Journal of Earth Science*, **8**, 1480-1486. [codn ? dunelog ?]
- Dangvas, N.V. 1979. Presencia de dunas de argilla fosiles en la Pampa Deprimada, *Revista Asociacion Geologica Argentina*, **34** (1), 31-35. [stbndn or dangaus ??]

- Daniels, J.L. 1969. Sand ridge distribution in the Gibson and Great Victoria Deserts of Western Australia, *Annual Report*, Western Australian Geological Survey, Department of Mines, 38-39. [dune]
- Daniels, R.B., Gamble, E.E. and Buol, S.W. 1969. Eolian sands associated with coastal plain river valleys - some problems in their age and source, *Southeastern Geology*, **11**, 97-110. [dune stbdn]
- Danilin, A.L. 1969. *Forest vegetation conditions of central Ferghana sands methods for their fixation and afforestation* (in Russian), Tashkent Agricultural Institute, 29 pp. [dnuse dnveg]
- Danilin, A.L. 1973. Forest vegetation conditions of sands in the Karakalpak ASSR and methods for their afforestation, *Tashkentskogo Sel'skokhozaystvennogo Instituta, Nauchnyye Trudy*, **42**, 3-13. [in English ! dnuse dnveg]
- Danilin, A.L. 1973. Forest vegetation conditions of sands in the Karakalpak ASSR and methods for their afforestation, *Tashkentskogo Sel'skokhozaystvennogo Instituta, Nauchnyye Trudy*, **42**, 3-13. [in English ! dnuse dnveg]
- Danilin, A.L. 1975a. Growing white Saxaul in the sandy deserts of Uzbekistan, *Tashkentskogo Sel'skokhozaystvennogo Instituta, Nauchnyye Trudy*, **50**, 92-99. [in English ! dnveg dnuse]
- Danilin, A.L. 1975b. Computation of sand consolidation measures in the Karakum Canal Zone, *Tashkentskogo Sel'skokhozaystvennogo Instituta, Nauchnyye Trudy*, **50**, 100-109. [in English ! dnuse]
- Danin, A. 1978. Plant species diversity and plant secession in a sandy area in the northern Negev, *Flora*, **167**, 409-422. [dnveg]
- Danin, A., Orshan, G. and Zohary, M. 1964. Vegetation of the neogene sandy areas of the northern Negev, *Israel Journal of Botany*, **13**, 208-233. [dnveg]
- Danin, A., Orshan, G. and Zohary, M. 1975. Vegetation of the northern Negev and the Judean Desert of Israel, *Israel Journal of Botany*, **24**, 118-172. [dnveg]
- Danin, A. and Yaalon, D.H. 1982. Silt plus clay sedimentation and decalcification during plant succession in sand of the Mediterranean coastal plain of Israel, *Israel Journal of Earth Sciences*, **31**, 101-109. [dnsol]
- Dann, J. 1939. Sandgebirge in Alagschan, *Zeitschrift für Geomorphologie*, NF **11** (1), 28-51. [dune]
- Dapples, E.C. 1941. Surficial deposits of the deserts of Syria, Transjordan and Iraq, *Journal of Sedimentary Petrology*, **11** (3), 124-141. [sand dune ?]
- Dapples, E.C. and Rominger, J.F. 1945. Orientation analysis of fine-grained sediments, *Journal of Geology*, **53** (4), 246-261. [sand]
- D'Arbois de Jubainville, ** 1877. Les dunes de Vendée, *Revue des Eaux et Forêts*, ** [codn dnuse]
- Darchenkova, N.N. 1975. Formation and dynamics of vegetation in topographic depressions of ridge-bumpy sands in the Karakum Canal Zone, in *Biogeograficheskiye osnovy inikatsii prirodnnykh protessov*, USSR Geographic Society, Moscow Branch, 43-44. [in English dnveg]
- Dare-Edwards, A.J. 1979. *Late Quaternary soils on clay dunes of the Willandra Lakes of western New South Wales*, unpublished Ph.D. dissertation, Australian National University, Canberra, ** [dnsol stbdn]
- Dare-Edwards, A.J. 1982. Clay pellets of clay dunes: types, mineralogy, origin and effect of pedogenesis, in *Quaternary dust mantles of China, New Zealand and Australia*, Ed. Wasson, R.J., Australian National University Press, Canberra, ** [stbdn]

- Dare-Edwards, A.J. 1984. Aeolian clay deposits of south-eastern Australia: parna or loessic clay ? *Transactions of the Institute of British Geographers*, NS **9** (3), 337-344. [sand stbdn]
- Darwin, C.H. 1883a. On the horizontal thrust of a mass of sand, *Min. Proc Institute of Civil Engineers*, **51**, 350-378. [dune? sdmo ?]
- Darwin, C.H. 1883b. On the formation of ripple-marks in sand, *Proceedings of the Royal Society of London*, **36**, 18-43. [dune 1884 ??]
- Darwin, C.H. 1884. Formation of ripple-mark in sand, *Nature*, **29**, 162-164.
- Darymov, V.Ya. and Pavlov, E.V. 1974. The wind regime of the dynamics of eolian sands around sulphate mines (north-western Turkmenia), *Problemy Osvoeniya Pustin*, (5), ** [dune sdmo dnuse]
- Daujotas, M. 1957. Works for stabilization and afforestation of coastal sands of Lithuania and tasks of forest economists in light of the decisions of the January plenum of the ZK KPSS (in Russian), *Trudy Inst. Forest Econ.*, **1957** (2), 51-74. [dnuse codn dnveg]
- Daveau, S. 1965. Dunes ravinées et dépôts du Quaternaire récent dans le Sahel mauritanéen, *Revue de Géographie de l'Afrique orientale*, **1** (2), 7-49. [stbdn]
- David, P.P. ** palaeoparabolics**, *Geological Association of Canada, Special Report*, **35**, 291-305. [dune stbdn]
- David, P.P. 1971. The Brookdale road section and its significance in the chronological studies of dune activities in the Brandon Sand Hills of Manitoba, *Geological Association of Canada, Special Paper*, **9**, 293-299. [stbdn abstract in Niessen, *et al.* 1984 or Boordale ??]
- David, P.P. 1977a. Sand dune occurrences of Canada. A theme and resource inventory study of eolian landforms of Canada, *Report of the Indian and Northern Affairs, National Parks Branch, Contract* **74-230**, 183 pp. [stbdn abstract in Niessen, *et al.* 1984]
- David, P.P. 1977b. Dune types and their use in interpreting past dune environments in Canada, *International Quaternary Association Congress Abstracts*, 103. [stbdn dnuse]
- David, P.P. 1978. Why dunes are parabolic: the wet sand hypothesis (abstract), *Geological Society of America, Abstracts with Program*, **10** (7), 385. [stbdn abstract in Niessen, *et al.* 1984]
- David, P.P. 1979a. Sand dunes in Canada, *G.E.O.S. Energy Mines and Resources, Canada*, Spring, 12-14. [stbdn abstract in Niessen, *et al.* 1984 and in Busche *et al.*, 1984]
- David, P.P. 1979b. Sand dunes of the Cree Lake region of Saskatchewan, *Geological Association of Canada - Mineralogical Association of Canada Joint Annual Meeting, Program Abstracts*, **4**, 45. [stbdn]
- David, P.P. 1981a. Stabilized dune ridges in northern Saskatchewan, *Canadian Journal of Earth Sciences*, **18**, 286-310. [stbdn abstract in Niessen, *et al.* 1984]
- David, P.P. 1981b. *Sand dune occurrences in Canada, Report*, **74-230**, Canadian Department of Indian and Northern Affairs, National Parks Branch, Contract, ** [stbdn]
- David, P.P. 1982a. Sensitivity of the parabolic dune environment to short-term climatic fluctuations, in *Character and timing of rapid environmental and climatic changes, National Conference Abstracts*, **7**, American Quaternary Association, 85. [stbdn]
- David, P.P. 1982b. Late Pleistocene and Holocene climatic changes based on the eolian stratigraphic record of the Canadian prairies, *Geological Association of Canada, Annual Meeting, Winnipeg*, **7**, 44. [stbdn]

- Davidson, S. 1989. Wind erosion: dust, dunes, and tell-tale sediments, *Rural Research*, **144**, Commonwealth Scientific and Industrial Organization (CSIRO), **, [sand]
- Davidson-Arnott, R.G.D. 1988. Temporal and spatial controls on beach / dune interaction, Long Point, Lake Erie, *Journal of Coastal Research, Special Issue*, **3**, 131-136. [codn]
- Davidson-Arnott, R.G.D. and Pyskir, N. 1988. Morphology and formation of an Holocene coastal dune field, Bruce Peninsula, Ontario, *Géographie physique et quaternaire*, **42**, 163-170. [codn]
- Davidson-Arnott, R.G.D. and Stewart, C.J. 1987. The effects of longshore sand waves on dune erosion and accretion, Long Point, Lake Erie, *Proceedings of the Canadian Coastal Conference*, National Research Council of Canada, Ottawa, 131-144. [codn]
- Davies, D.B. 1968. Some soil physical problems of sandland agriculture, *The Arable Sandlands of the Vale of York, Proceedings of the North of England Soils Discussion Group*, **5**, 12-15. [dnsol]
- Davies, H.T. 1968. Marling and crop production, in *The arable sandlands of the Vale of York, Proceedings of the North of England Soils Discussion Group*, **5**, 24-28. [dnsol]
- Davies, J.L. 1967. Tasmanian landforms and Quaternary climates, in *Landform studies from Australia and New Zealand*, Eds. Jennings, J.N. and Mabbutt, J.A., Australian National University Press, Canberra, 1-25. [dune stbdn]
- Davies, J.L. 1974. Geomorphology and Quaternary environments, in *Biogeography and ecology in Tasmania*, Ed. Williams, W.D., *Monographiae Biologicae*, **23**, W. Junk, The Hague, 17-27. [dune stbdn]
- Davies, J.L. 1983. L'évolution du relief Australien dans le temps et dans l'espace, *L'Espace géographique*, **12** (3), 195-201. [dune]
- Davies, M., Hughes, M.R. and Rees, I. 1989. Field excursion to Whiteford National Nature Reserve, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, SPB Academic, The Hague, 253-262. [codn dnuse dnveg]
- Davies, O. 1967. Surficial sediments and soils in Sub-Saharan Africa and their climatic interpretation, in *Quaternary soils, Proceedings of the 7th International Congress of the Association for Quaternary Research (INQUA)*, **9**, 124-143. [stbdn]
- Davies, O. 1976. The older coastal dunes in Natal and Zululand and their relation to former shorelines, *Annals of the South African Museum*, **71**, 19-31. [codn]
- Davies, T.R.H. 1980. Bedform spacing and flow resistance, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **106** (HY3), 423-433. [dunelog]
- Davis, C.K. and Neal, J.T. 1963. Descriptions and airphoto characteristics of desert landforms, *Photogrammetric Engineering*, **28**, 621-631. [dune]
- Davis, J.H. 1957. *Dune formation and stabilization by vegetation and plantings, Technical Memorandum*, **101**, Beach Erosion Board, United States Army Corps of Engineers, 47 pp. [codn dnuse or 1960 or davies ?? dnveg]
- Davis, J.H. 1958. Dune formation and stabilisation by vegetation and plantings, *Proceedings of the 6th Coastal Engineering Conference*, **, 531-** [codn dnuse or Davies ??]
- Davis, J.H. 1960. *Dune formation and stabilisation by vegetation and planting, Technical Memorandum*, **101**, University of Florida, Gainesville / Corps of Engineers, Department of the Army, ... [codn dnuse or Davies ??]

- Davis, J.H. 1975. *Stabilization of beaches and dunes by vegetation in Florida, Report, 7*, Sea Grant Program, State University of Florida, Talahassee, 52 pp. [codn dnveg or Davies ?? abstract in Busche *et al.*, 1984]
- Davis, R.A. and Etherington, R.L., Eds. 1976. *Beach and nearshore sedimentation, Special Publication, 24*, Society of Economic Palaeontologists and Mineralogists, 187 pp. [codn ?]
- Day, A.E. 1928. Pipes in the coast sandstone of Syria, *Geological Magazine*, **65**, 412-415. [codn stbdn dnsol dnbed]
- Deacon, L.E. 1978. *California desert sand dunes*, unpublished report, Earth Sciences Department, University of California, Riverside, **
- De Almeida, F.F.M. 1953. Botucatu, a Triassic desert of South America, *Proceedings of the 19th International Geological Congress, Algiers*, **7** (7), 9-24. [dnbed]
- De Almeida, F.F.M. 1954. Botucatu, a Triassic desert of South America, *Notas Preliminares e Estudos*, **86**, Division Geolog. e Mineralogica, 21 pp. [dnbed]
- Dean, L.E. 1978. Eolian sand dunes of the Great Salt Lake basin, *Utah Geology*, **5**, 103-111.
- De Angelis, M. 1930. Osservazioni sulla composizione mineralogica della sabbie dess'Oasi de Giarabub, *Atti Soc. Ital. Sc. Natur.*, **69**, 327-340. [sand]
- De Angelis, M. 1934. Osservazioni sur alcune sabbie della Libia, *Mission Scientifica della R. Academia d'Italia a Cufra*, (1931-9), **3**, 431-450. [sand]
- De Backer, S.M. 1945. *Les tempêtes de sable au Sahara. Observations météorologiques à la station d'Ouanyanga-Kebir du 23 janvier au 21 mars 1941, Mémoires*, **22**, Institut Royal Météorologique de Belgique, 28 pp. [sdmo abstract in Busche, *et al.* 1984 annexe]
- DeBano, L.F. 1969. Water-repellent soils: a world-wide concern in the management of soil and vegetation, *Agricultural Sciences Review*, **7**, 11-18. [dnsol]
- DeBano, L.F. 1981. Water-repellent soils: a state-of-the-art, *General Technical Report, PSW-46*, United States Department of Agriculture, Forest Service, Forest and Range Experiment Station, 21 pp. [dnsol]
- DeBano, L.F., Dunn, P.H. and Conrad, C.E. 1977. Fire's effect on physical and chemical properties of chaparral soils, in *Environmental consequences of fire and fuel management in Mediterranean ecosystems*, Eds. Mooney, H.A. and Conrad, C.E., *General Technical Report, WO-3*, United States Department of Agriculture, Forest Service, Washington, DC, ** [dnsol]
- DeBano, L.F., Mann, L.D. and Hamilton, D.A. 1970. Translocation of hydrophobic substances into soil by burning organic litter, *Proceedings of the Soil Science Society of America*, **34** (1), 130-133. [dnsol]
- Debenham, F. 1953. *Kalahari Sand*, Bell, London, 189 pp. [in soas stbdn]
- Debenham, N.C. and Walston, A.J. 1983. TL properties of some wind-blown sediments, *PACT Journal*, **9**, 531-538. [sand]
- Debierre, ** 1931. Dunes de la Tunisie, *Comptes rendus et Travaux du Congrès international du Bois et de la Silviculture*, **2**, 264-271. [codn dnuse]
- de Ceunynck, R. 1985. The evolution of the coastal dunes in the western Belgian coastal plain, *Eiszeitalter und Gegenwart*, **35**, 33-41. [codn]

- Dechend, W. 1937. Untersuchungen der Dünen der Frischen Nehrung mit sedimentpetrographischen Methoden zur unterstützung und Ergänzung der Dünenformen, *Physichen-Okom. Gesellschaft zu Königsberg Schriften*, **69**, 131-174. [codn]
- De Dapper, M. 1979. The micro-relief of the sand-covered plateaux near Kolwezi (Shaba-Zaire). 1. The micro-relief of the over-all dilungu, *Geo-Eco-Trop*, **3** (1), 1-18. [stbdn]
- De Dapper, M. 1981. The micro-relief of the sand-covered plateaux near Kolwezi (Shaba-Zaire). 2. The micro-relief of the crest dilungu, *Geo-Eco-Trop*, **5** (1), 1-12. [stbdn]
- Deeke, W. 1889. Über dünen und Diluvialsande auf den pommerschen Inseln, *Globus*, **64**, 237-241. [codn stbdn ?]
- Deeke, W. 1906. Einige Beobachtungen am Sandstrande, *Zentralblatt für Mineralogie, Geologie und Paläontologie*, 721-727. [codn ?]
- De Félice, P. 1955. Etude de la formation des rides de sable, *Comptes rendus de l'Académie des Sciences, Paris*, **240** (11), 1253-1255. [ripple]
- De Félice, P. 1956. Processus de soulèvement des grains de sables par le vent, *Comptes rendus de l'Académie des Sciences, Paris*, **242**, 920-923. [sdmo]
- De Félice, P. 1965. *Recherches relatives à la formation des rides du sable sous l'effet du vent*, Ann. Univ., Paris, 212-216. [sdmo]
- De Félice, P. 1968. Etude des échanges de chaleur entre l'air et le sol sur deux sols de nature différentes, *Archive für Meteorologie, Geophysik und Bioklimatologie*, **B 16**, 70-80. [dune sdmo abstract in Busche et al. 1984]
- de Felipe, G., Sanchez, J. and Vizcaino, A. 1985. La recuperación de paisaje dunar de la Devesa de la Albufera de Valencia. Su Problemática, *Revista Temática Técnica de Jardinería*, **1**, 3-7. [dnuse codn]
- de Hartog, C. 1953. Secondary dune valleys on Schiermonnikoog, (in Dutch), *Amoeba*, **29**, 59-63. [codn]
- Deitz, R.S., 1945. The small mounds of the Gulf coastal plain, *Science*, **102** (2658), 596-597. [pimple mounds, dune ?]
- de Jong, J.D. 1951. *Dune and sea sand, Verslage, Landbouwkundig Onderz.*, **57** (7), Meppel, 52 pp. [codn]
- de Jong, J.D. 1960. The morphological evolution of the Dutch coast, *Geologie en Mijnbouw*, **39** (3), 638-643. [codn]
- de Jong, J.D. 1962. The coastal dunes near The Hague, *Mededelingen van de Geologische Stichting*, NS **15**, 21-23. [codn]
- de Jong, J.D. 1967. The Quaternary of the Netherlands, in *The Quaternary*, Ed. Rankama, K., Interscience, New York, 301-426. [codn stbdn abstract in Niessen 1984 geol 650 ran]
- de Jong, J.D. 1984. Age and vegetational history of the coastal dunes in the Frisian Islands, *Geologie en Mijnbouw*, **63**, 269-275. [codn]
- De Kesel, M. and De Vleeschauwer, D. 1981. Sand dune fixation in Tunisia by means of polyurea polyalkylene oxide (Uresol), in *Tropical agricultural hydrology*, Eds. Lal, R. and Russell, E.W., John Wiley and Sons, Chichester, 273-281. [dnuse glue]

- Delamarre, L.G. 1827. *Historique de la création d'une richesse millionnaire par le pin maritime*, ** Paris, ** [codn dnuse]
- De Lancey Forth, N.B. 1930. More journeys in search of Zerura, *Geographical Journal*, **75** (1), 49-64. [dune]
- Delfortrie, ** 1879. *Les dunes littorales du Golfe de Gascogne*, ** [codn]
- de Martonne, E. 1930. Impressions et observations sur l'Oued Rhir. Les dunes et les irrigations, *Annales de Géographie*, **38-54**, 58-62. [dnuse]
- Demarest, D.F. 1947. Rhomboid ripple marks and their relationship to beach slope, *Journal of Sedimentary Petrology*, **17** (1), 18-22. [dunelog]
- Demin, A.G. 1973. Role of eolian processes in the formation of the relief of a floodplain with the Nizhnyy Charysh Valley as an example (in Russian), *Vestnik Serya Geografii*, **28** (6), Moscow Universitet, 106-108. [dune]
- Demin, A.G. 1974. Role of nival and winter-born processes in the formation of the Predaltayskaya Plain relief (in Russian), *Materialy Glyatsiologicheskikh Issledovani, Khronika Obsuzhdeniya*, **24**, 231-233. [dune]
- Demon, L., de Félice, P., Gondet, H., Kast, Y. and Pontier, L. 1953. Premiers résultats obtenus au cours de printemps 1953, *Journal de Recherches du Centre national de la Recherche scientifique*, Paris, **24**, 126-137. [sand sdmo electrification abstract in Busche, *et al.* 1984 annexe]
- Demon, L., de Félice, P., Gondet, H., Pontier, L. and Kast, Y. 1957. Recherches effectués par la section de physique du Centre de Recherches sahariennes en 1954, *Journal de Recherches du Centre national de la Recherche scientifique*, Paris, **38**, 31-63. [sand sdmo dust abstract in Busche, *et al.* 1984 annexe]
- DeMoor, G. 1988. Neo-Holocene coastal and beach evolution along the Belgian coast, in *Dune / beach interaction*, Ed. Psuty, N.P., *Journal of Coastal Research, Special Issue*, **3**, 71-75. [codn]
- Denekamp, S.A. and Tsur-Lavie, Y. 1981. The study of relative density in some dune and beach sands, *Engineering Geology*, **17**, 159-173. [abstract in Busche *et al.* 1984]
- den Hoed, M.A., Moberts, F.M.L. and Stuyfzand, P.J. 1987. Mogelijkheden voor een verschrallend maaibeheer in twee (ver)natte duinterreinen. Landschapsecologische evaluatie van een natuurbeheermaatregel, *KIWA Report, SWE 86.007*, Rijswijk, 56 pp. [codn]
- Denny, C.S. 1936. Quaternary geology of the San Acacia area, New Mexico, *Journal of Geology*, **49** (3), 225-260. [dune stbdn]
- Denny, C.S. and Owens, J.P. 1979. *Sand dunes on the central Delmarva Peninsula, Maryland and Delaware, United States Geological Survey, Professional Paper*, **1067-C**, 15 pp. [stbdn abstract in Niessen, *et al.* 1984 and brief abstract in Busche *et al.* 1984]
- Denny, C.S., Owens, J.P., Sirkin, L.A. and Rubin, M. 1979. *The Parsonburg sand dunes in the central Delmarva Peninsula, Maryland and Delaware, United States Geological Survey, Professional Paper*, **1067-B**, 16 pp. [stbdn]
- Denny, C.S., Warren, C.R., Dow, D.H. and Dale, W.J. 1968. *A descriptive catalogue of selected aerial photographs of geologic features of the United States, United States Geological Survey, Professional Paper*, **590**, 152 pp. [dune ?]
- De Ploey, J. 1965. Position géomorphologique, genèse et chronologie de certains dépôts superficiels au Congo oriental, *Quaternaria*, **7**, 131-154. [stbdn]

- De Ploey, J. 1977. Some experimental data on slopewash and wind action with reference to Quaternary morphogenesis in Belgium, *Earth Surface Processes*, **2** (2-3), 101-115. [sdmo abstract in Busche *et al.*, 1984]
- de Ploey, J. 1980. Some field measurements and experimental data on wind-blown sands, in *Assessment of erosion*, Eds. de Boodt, M. and Gabriels, D., John Wiley and Sons, New York, 541-552. [geog f 50 b oo sdmo abstract in Busche, *et al.* 1984 annexe]
- Depuydt, F. 1972. De Belgische strand - en duin formaties in het kader van de geomorphologie der zuidoostelijke Noordseekust, *Verhandelingen van Koninklijke Academie voor Wetenschappen, Litteren en Schone Kunsten van België, Klasse der Wetenschappen*, **34**, 228 pp. [codn]
- De Raeve, F. 1989. Sand dune vegetation and management dynamics, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Scientific, The Hague, 99-110. [codn dnuse dnveg geog e 20 meu]
- De Raeve, F., Leten, M. and Rappé, G. 1983. *Flora and vegetation of the dunes between Oosterduinkerke and Nieuwpoort*, National Plantentuin van België, Meise, 176 pp. [dnveg]
- de Rance, C.E. 1870. On the post-glacial deposits of western Lancashire and Cheshire, *Quarterly Journal of the Geological Society of London*, **26**, 655. [stbdcn]
- Derbinyan, G.A. 1979. The relationship between sand water-permeability and its granulometric composition (in Russian, English abstract), *Vyssh. Uchebn. Zavaed., Izv. Geol. Raved.*, (1), 11-30. [dnhyd]
- de Ruig, J.H.M. and Louisse, C.J. 1989. Sand budget trends and changes along the Holland coast, *Journal of Coastal Research*, **7** (4), 1013-1026. [codn]
- Deschamps, M. and Dollfus, A. 1985. Grain-size determination at the surface of Mars by photopolqarimetry, *Bulletin de la Société géologique de France*, **87** (3), 59-64. [sand]
- de Serres, M. 1859. Der Treibund Flugsand des mitteländisches Meers, *Petermanns geographische Mitteilungen*, **5**, 197-198. [stbdcn codn ? dune]
- de Sesmaisons, D. 1963. La fixation des sables dans le Sud Tunisien, *Revue forestière française*, **15** (5), 431-448. [dnuse]
- Deshmukh, I.K. 1979. Fixation, accumulation and release of energy by *Ammophila arenaria* in a dune succession, in *Ecological processes in coastal environments*, Eds. Jefferies, R.L. and Davy, A.J., Blackwell, Oxford, 353-362. [codn dnveg]
- Desio, A. 1951. Sur les "fulgerites" du Sahara, *Bulletin de l'Institut d'Egypte*, **33**, 392-395. [sand]
- Despeyroux, J.L. 1984. *La végétation des dunes littorales de Gascogne*, Ph.D. dissertation, University of Bordeaux, ** [dnveg codn]
- Dette, H.H. 1986. Untersuchungen über Dünenabbrüche und Strandersoionen in Großen Wellenkanal, *Küste*, **43**, 247-282. [codn dnuse]
- Dette, H.H. and Uliczka, K. 1987. Prototype investigation on time-dependent dune recession and beach erosion, *Proceedings of the Conference on Coastal Sediments, 1987*, **2**, American Society of Civil Engineers, New York, 1430-1444. [codn]
- de Veer, A.A. 1984. The Younger Dunes of the Netherlands (in Dutch), *Geografisch Tijdschrift*, NR **18** (1), 54-58. [codn]

- Devilleers, C. 1948. Les dépôts quaternaires de l'Erg Tihodaine (Sahara centrale), *Bulletin de la Société géologique de la France*, Série 5, **18**, *Comptes rendus sommaires*, (10), 189-191. [dune]
- de Vries, V. 1948. On the vegetation of wet, sour dune valleys on Vlieland (in Dutch), *Levende Natuur*, **51**, 152-156. [dnveg codn]
- de Vries, V. 1949. Sand plant communities on Vlieland. The dry dune series on Vlieland (in Dutch), *Levende Natuur*, **52**, 143-152. [dnveg codn]
- de Vries, V. 1950a. *Vlieland. Landscape and plant growth* (in Dutch), Brill, Leiden, 119 pp. [dnveg codn]
- de Vries, V. 1950b. On the vegetation of the dune valleys on Vlieland. Pseudorelicts on Vlieland (in Dutch), *Levende Natuur*, **53**, 29-38. [dnveg codn]
- Dewers, F. 1935. Probleme der Flugsandsbildung in Nordwest-Deutschland, *Naturwissenschaftlichen Vereinigung Abhandlungen*, Bremen, **29** (3-4), 324-366. [codn dnuse ?]
- de Winder, B., Pluis, J.L.A., de Reus, L. and Mur, L.R. 1989. Characterisation of a cyanobacterial, algal dune crust in the coastal dunes in the Netherlands, in *Microbial mats: physiological ecology of benthic microbial communities*, Eds. Cohen, Y. and Rosenberg, E., American Society of Microbiology, Washington, DC, 77-83. [sdmo codn dnveg]
- de Witt, R. and van Baas, T. 1982. The dunes of den Helder (in Dutch), *Duin*, **5** (4), 11-18. [codn]
- Dey, B.N. 1957. Reclamation and fixation of sand dunes and other shifting sands, *West Bengal Forestry Bulletin*, **4**, ** [dnuse]
- Deynoux, M., Kocurek, G. and Proust, J.N. 1989. Late Proterozoic periglacial aeolian deposits on the West African Platform, Taoudeni Basin, western Mali, *Sedimentology*, **36** (4), 531-550. [dnbed]
- Di Caporiacco, L. 1936. Dune australiane e dune del deserto libico, *L'Universo*, (Istituto Geografico Militare, Firenze), **17** (9), 665-667.
- Dijkema, K.S. 1980. Towards a vegetation and landscape map of the Danish, German and Dutch Wadden Sea islands and mainland coastal areas, *Acta Botanica Neerlandica*, **29**, 523-531. [codn dnveg]
- Dijkema, K.S. 1983. Outline of landscape and vegetation types, in *Flora and vegetation of the Wadden Sea islands and coastal areas*, Eds. Dijkema, K.S. and Wolff, W.J., Stichting Veth, Leiden, 116-133. [codn dnveg]
- Dijkmans, J.W.A. 1989. Frost wedges in an eolian sand sheet near Søndre Strømfjord, W-Greenland and their palaeoenvironmental implications, *Zeitschrift für Geomorphologie*, NF **33** (3), 339-353. [dnbed]
- Dijkmans, J.W.A., Galloway, J.P. and Koster, A.E. 1988. *Grain-size mineralogy of eolian and fluvial sediments in the central Kobuk Valley, northwestern Alaska, United States Geological Survey, Open File Report*, (NC, Da, M, A, D, SF, LA, Alaska Division of Geological and Geophysical Surveys, 3700 Airport Way, Fairbanks, AK 99709. United States Department of the Interior, Alaska Resource Library, 701. "C" Street, Box 36. Anchorage, AK 99513. Microfiche. [sand]
- Dijkmans, J.W.A., Koster, A.E., Galloway, J.P. and Mook, G. 1986. Characteristics and origin of calcretes in a subarctic environment, Great Kobuk sand dunes, northwestern Alaska, *Arctic and Alpine Research*, **18** (4), 377-387. [dsol]
- Dijkmans, J.W.A. and Mùcher, H.J. 1989. Niveo-aeolian sedimentation of loess and sand: an experimental and micromorphological approach, *Earth Surface Processes and Landforms*, **14** (2), 303-316. [dnbed]

- Dijkmans, J.W.A., Wintle, A.G. and Mejdahl, V. 1988. Some thermoluminescence properties and dating of eolian sands from the Netherlands, *Quaternary Science Reviews*, **7** (3-4), 349-355. [dune]
- Dillo, H.G. 1960. Sandwanderung in Tideflüssen, *Mitteilungen der Franzius-Institut für Grund- und Wasserbau*, **17**, Technisches Hochschule, Hannover, 135-253. [sdmo dune]
- Dincer, T., Al-Mugrin, A. and Zimmerman, U. 1974. Study of the infiltration and recharge through the sand dunes in arid zones with special reference to the stable isotopes and thermonuclear tritium, *Journal of Hydrology*, **23** (1), 79-109. [dnhyd]
- Dineen, R.J., Rogers, W.B. and Buyce, M.R. 1978. Palaeowind, age and climate of Late Pleistocene sand dunes in Albany and Schenectady Counties, New York, *Geological Society of America, Abstracts with Program*, **1097** ?? 390. [stbdn]
- Dingle, W.R.J. and Radock, U. 1961. Antarctic snow drift and mass transport, *International Association of Scientific Hydrological Science, Publication*, **55**, 77-87. [sdmo dunelog ?]
- Dingman, R.J. 1962. Tertiary salt dunes near San Pedro de Atacama, Chile, *United States Geological Survey, Professional Paper*, **450-D**, 92-94.
- Dionne, J.C. 1978. Dunes et dépôts éoliens en Jamesie et Hudsonie, Quebec subarctique, *Environment-Canada, Rapport d'Information Quebec*, 35 pp. [stbdn]
- Disraeli, D.J. 1984. The effect of sand deposits on the growth and morphology of *Ammophila breviligulata*, *Journal of Ecology*, **72** (1), 145-154. [codn dnveg]
- Dittmer, H.J. 1959. Study of the root system of certain sand dune plants in New Mexico, *Ecology*, **40**, 265-273. [dnsol dnhyd]
- Dittmer, H.J. 1964. Certain characteristics of the roots of desert plants (abstract), *American Journal of Botany*, **51** (6), 673. [dveg dnsol]
- Diver, C. 1933. The physiography of the South Haven Peninsula, Dorset, *Geographical Journal*, **81** (5), 404-427. [codn]
- Diykerman, J.C., Cline, M.G. and Olsen, G.W. 1967. Properties and genesis of textural subsoil lamellae, *Soil Science*, **104** (1), 7-16. [dnbed dnsol]
- Do Amaral, I. 1982. Paisagens morfológicas do deserto de Mocamedes, Angola, entre Rios Curoca e Cunene. 2. A parte: processos eólicos, *Garcia de Orta, Serie Geografie*, **7** (1-2), 1-34. [dune landscape morphology of the ..]
- Dobrin, L.G. 1959. The aeolian sand "Ryab", its structure and movement (In Russian), *Izvestiya Akademii Nauk, Turkmenskoi SSR*, **4**, 37-41. [dune]
- Dobrin, L.G. 1963. The formation and construction of aeolian bedding in barchan sands (in Russian), *Research work of the Repetekskaya Sand-Desert Station*, Academy of Sciences, Turkmen, SSR, Ashkhabad, ** [dnbed]
- Dobrin, L.G. 1964. The formation of the ridge of a barchan, *Izvestiya Akademiya Nauk, Turkmenskoi SSR, Biological Sciences Series*, 6. Ashkhabad, ** [dune]
- Dodge, R.E. 1894. Continental phenomena illustrated by ripple-marks, *Science*, NS **23**, 38-39.
- Doe, T.W. and Dott, R.H.Jr. 1980. Genetic significance of deformed cross-bedding - with examples from the Navajo and Wever Sandstones of Utah, *Journal of Sedimentary Petrology*, **50** (3), 793-812. [dnbed]

- Dohashi, S., Fujita, S. and Batsuri, O. 1952. ** singing sand **, *Journal of Applied Physics (Japan)*, **21**, 361-363.
- Dohrenwend, J.C., McFadden, L.D. and Wells, S.G. 1984. Quaternary geology of the eastern Mojave Desert, California, Field Trip **14**, in *Western geological excursions. 1*, University of Nevada, Reno, Department of Geological Science, 101-251. [dune]
- Doing, H. 1958. Zonation in landscapes and vegetation of the dunes near Bloemendaal and Velsen (in Dutch), *Levende Natuur*, **61**, 219-227. [codn dnveg]
- Doing, H. 1963. Eine Landschaftskartierung auf vegetationskundlicher Grundlage im Maßstab 1:25 000 in den Dünen bei Haarlem, *Berichte Internat. Symp. Veget. Kart*, Stolzenau / Weser, 297-312. [dnveg]
- Doing, H. 1966. Beschrijving van de vegetatie der duinen tussen Ijmuiden en Camperduin, *Mededelingen, Landbouwhogeschool*, Wageningen, **66** (13), 1-63. [codn dnveg description of the vegetation of the dunes between]
- Doing, H. 1974. Landschapsoecologie van de duinstreek tussen Wassenaar en Ijmuiden, *Mededelingen, Landbouwhogeschool*, Wageningen, **74-12**, 1-111. [codn dnveg]
- Doing, H. 1981a. Landscape types in coastal dunes, in *Perspectives in landscape ecology, Proceedings of the International Congress of the Netherlands Society for Landscape Ecology*, Veldhoven, Centre for Agricultural Publication and Documentation (Pudoc), Wageningen, 312-313. [codn]
- Doing, H. 1981b. A comparative scheme of dry coastal dune habitats, with examples from the eastern United States and some other temperate regions, *Veröffentlichungen geobotanische Institut, Rübel*, **77**, Zürich, 41-72. [dnveg codn]
- Doing, H. 1983a. Geomorphology and soil of dunes, in *Flora and vegetation of the Wadden Sea islands and coastal areas*, Eds. Dijkema, K.S. and Wolff, W.J., Stichting Veth, Leiden, 12-26. [codn dnsol]
- Doing, H. 1983b. The vegetation of the Wadden Sea islands in Niedersachsen and the Netherlands, in *Flora and vegetation of the Wadden Sea islands and coastal areas*, Eds. Dijkema, K.S. and Wolff, W.J., Stichting Veth, Leiden, 165-185. [codn dnveg]
- Doing, H. 1983c. Landscape and island types, in *Flora and vegetation of the Wadden Sea islands and coastal areas*, Eds. Dijkema, K.S. and Wolff, W.J., Stichting Veth, Leiden, 242-267. [codn]
- Doing, H. 1985. Coastal fore-dune zonation and succession in various parts of the world, *Vegetatio*, **61** (1), 65-75. [codn dnveg]
- Doing, H. 1986. Relationships between vegetation and geomorphology of coastal dunes in the Netherlands, *Colloques phytosociologiques*, **13**, 411-429. [codn dnveg]
- Doing, H. 1988. *Landschapsoecologie van de Nederlandse kust*, Stichting Duinbehoud, Leiden, 48 pp. [codn "dunes in movement"]
- Doing, H. 1989. Introduction to the landscape ecology of south Texel, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J.H., SPB Academic, The Hague, 279-286. [codn dnuse]
- Dokka, R.K. 1978. A method of determining the direction of strong winds, northwestern Coachella Valley, California, *Bulletin of the Association of Engineering Geologists*, **15** (4), 375-381. [dune?]
- Dolan, R. 1970. Dune reddening along the Outer Banks of North Carolina, *Journal of Sedimentary Petrology*, **40** (2), 765. [dnsol codn]

- Dolan, R. 1972a. The barrier dune system along the Outer Banks of North Carolina: a reappraisal, *Science*, **175** (4019), 286-288. [codn
- Dolan, R. 1973. Barrier islands: natural and controlled, in *Coastal geomorphology*, Ed. Coates, D.R., *Publications in Geomorphology*, State University of New York, Binghamton, 263-278. [codn
- Dolan, R., Godfrey, P.J. and Odum, W.E. 1973. Man's impact on the barrier islands of North Carolina. A case study of the implications of large-scale manipulations of the natural environment, *American Scientist*, **61** (2), 152-162. [codn dnuse abstract in Busche *et al.* 1984
- Dolan, R., Hayden, B. and Heywood, J. 1978. Analysis of coastal erosion and storm surge hazard, *Coastal Engineering*, **2** (1), 41-53. [codn
- Dolan, R., Hayden, B. and Vincent, M. 1975. Classification of coastal landforms of the Americas, *Zeitschrift für Geomorphologie, Supplement Band*, **22**, 72-88. [codn
- Dolgilevich, M.I. and Vasil'yev, Y.I. 1974. Wind tunnel for simulating the wind erosion of soils, *Soviet Soil Science*, **6** (3), 340-245. [sdmo
- Dollfus, A. and Deschamps, M. 1986. Grain-size determination at the surface of Mars, *Icarus*, **67** (1), 37-50. [sand
- Dollfus, A., Deschamps, M. and Ksanfomaliti, L.V. 1983. The surface texture of the martian soil from the Soviet spacecraft Mars-5 photopolarimeters, *Astronomy and Astrophysics*, **123**, 225-237. [sand
- Domeracki, D.D., McClurg, J.J. and Horne, J.C. 1985. Predictive depositional models for eolian deposits of Leo member of Minnelusa Formation, Powder River Basin, eastern Wyoming (abstract), *Bulletin of the American Association of Petroleum Geologists*, **69** (2), 250. [dnbed
- Dominguez, J.M.L., Martin, L. and Bittencourt, A.S.C.P. 1987. Sea-level history and Quaternary evolution of rivermouth associated beach-ridge plains along the ESE Brazilian coast: a summary, in *Sea-level fluctuation and coastal evolution*, Eds. Nummendal, D., Pilkey, O.H. and Howard, J.D., *Special Publication*, **41**, Society of Economic Palaeontologists and Mineralogists, Tulsa, OA, 115-127. [codn
- Donahue, J.J. 1977. Late Wisconsinan eolian activity near Albany, New York, *Bulletin of the Geological Society of America*, **88** (12), 1756-1762. [stbdn pald sand abstract in Busche *et al.* 1984
- Dong Guangrong, Li Baoshen, Gao Shangyu and Wu Zhen 1986. [dating of interfingering loess and dunes **, *Memoirs*, **3**, Institute of Desert Research, Academia Sinica, Lanzhou, 63-81.
- Dong Guangrong, Zon Guinxiang, Li Changzhi and Chen Fusheng 1983a. Preliminary observations on the efficiency of the wind-preventing and sand resisting forest belt in the western part of the Great Huanhe River, (in Chinese, English abstract), *Zhong Guo Sha Mo (Journal of Desert Research)*, **3**, 9-19. [dnuse
- Dong Guangrong, Zon Guinxiang, Li Changzhi and Chen Fusheng 1983b. The case study of the vicissitude of Mu Us Sandy Land since the Late Pleistocene according to the Salawusu River strata (in Chinese, English abstract), *Zhong Guo Sha Mo (Journal of Desert Research)*, **3**, 9-19. [stbdn dune
- Donovan, D.T. and Stride, A.H. 1961a. An acoustic survey of the sea floor south of Dorset and its geological interpretation, *Philosophical Transactions of the Royal Society of London*, **B 244** (712), 299-330. [dunelog
- Donovan, D.T. and Stride, A.H. 1961b. Erosion of a rock floor by tidal streams, *Geological Magazine*, **98** (5), 393-398. [dunelog
- Doody, J.P., Ed. 1985. *Sand dunes and their management*, Report on a Meeting at Swansea, *Focus on*

Nature Conservation, **13**, Nature Conservancy Council, Peterborough, 262 pp. [nalb or ull codn dnuse dnecol]

Doody, J.P. 1989a. Conservation and development of the coastal dunes of Great Britain, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, SPB Academic, The Hague, 53-67. [codn dnuse dnveg]

Doody, J.P. 1989b. Management for nature conservation, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 247-265. [codn]

Doody, J.P. 1989c. Climate change and sea-level rise - impacts on coastal sand dunes and dune vegetation in Great Britain, in *Landscape ecological impact of climatic change on coastal dunes in Europe*, Eds. van der Meulen, F., *et al.*, Working Report for LICC Conference, Lunteren, Netherlands, 19 pp. [codn]

Doody, J.P. 1989d. Inventory of coastal sand dunes in Europe, *Eurodunes*, **2** (1), 1-36. [codn]

Doornkamp, J.C., Brunsdon, D., Jones, D.K.C., Bush, P., Gibbons, M.J. and Cooke, R.U. 1977. *Report on geomorphological investigations in Dubai*, Halcrow Middle East, London, 3 volumes, ** [dune dnuse]

Doornkamp, J.C., Brunsdon, D. and Jones, D.K.C., Eds. 1980. *Geology, geomorphology, and pedology of Bahrain*, Geobooks, Norwich, 443 pp. [dune stbdn abstract in Busche *et al.* 1984]

Doornkamp, J.C. and Krinsley, D.H. 1971. Electron microscopy applied to quartz grains from a tropical environment, *Sedimentology*, **17** (1), 89-101. [sand]

Dorize, L. 1974. L'oscillation pluviométrique récente sur le bassin du Lac Tchad et la circulation atmosphérique générale, *Revue de Géomorphologie dynamique*, **16** (4), 393-419. [stbdn dune ?]

Dorly, M. and Duval, J. 1979. Les dunes littorales du Nord de la France, *Revue forestière française*, **35** (5), 421-434. [codn]

Dort, W.Jr. 1959. Sand dunes of northeastern Snake River Plain, Idaho (abstract), *Bulletin of the Geological Society of America*, **69** (12), 1555. [stbdn]

Dorskatch, A.G. 1948. Les étapes fondamentales du développement des idées sur le relief des déserts sableux, *Académie des Sciences de l'URSS, Institut géographique*, **39**, 233-** [dune]

Dorskatch, A.G. 1954. Matériaux pour une carte géomorphologique de la Transvolgie méridionale et la depression précaspienne, in *Recherche géomorphologique sur la depression précaspienne*, Académie des Sciences, USSR, 47-** [dune]

Doss, B. 1896. Über Dünen der Umgegend von Riga, *Korr. Natfoshungs - Veröffentlichungen, Riga*, **39**, 31-40. [codn dune]

Doss, B. 1899. Über die Richtungsumkehr einer Dünenwanderung bei Schlock in Livland, *Korr.-Bl. Naturforschungs - Veröffentlichungen, Riga*, **42**, 1-5. [codn]

Dott, R.H. 1983. Episodic sedimentation - how normal is average ? How rare is rare ? Does it matter ? (1982 SEPM presidential address), *Journal of Sedimentary Petrology*, **53** (1), 5-23. [dnbed ?]

Dott, R.H., Byers, C.W., Fielder, G.W., Stenzel, S.R. and Winfree, K.E. 1986. Aeolian to marine transition in Cambro-Ordovician cratonic sheet sandstones of the northern Mississippi valley, U.S.A., *Sedimentology*, **33** (3), 345-367. [dnbed]

Doubiansky, V.A. 1928. The sand deserts of the south-east Karakum, *Bulletin of Applied Botany, Genetics and Plant Breeding*, (Leningrad) **19**, 225-285. [dune]

- Douglass, A.E. 1909. The crescentic dunes of Peru, *Appalachia*, (Journal of the Appalachian Mountain Club), **12**, 34-45. (Riverside Press, Cambridge, MA)
- Dougremeji, J.S. 1975. Some physical properties of sandy soils and sand dunes in Iraq, *Soils Bulletin*, **25**, Food and Agriculture Organization of the United Nations (FAO), Rome, 215-223. [dnsol abstract in Busche *et al.* 1984 [in roth dnuse
- Dougremeji, J.S. and Kaul, R.N. 1971. *Report on the possibilities of reclamation of sand dunes and proposed future research, Technical Report*, **37**, Institute of Applied Research on Natural resources, Abu Gharib Iraq, 14 pp. [dnuse dnsol abstract in Busche *et al.* 1984
- Dougremeji, J.S. and Kaul, R.N. 1972. Sand dune reclamation in Iraq - present status and future prospects, *Annals of Arid Zone*, **11** (3-4), 133-144. [dnuse abstract in Busche *et al.* 1984
- Dow, K.W. 1938. The origin of perched dunes on the Manistee moraine, Michigan, *Michigan Academy of Sciences, Arts and Letters, Papers*, **23**, 427-440.
- Dowling, J.W.F. 1968. Land evaluation for engineering purposes in northern Nigeria, in *Land evaluation*, Ed. Stewart, G.A., Macmillan, Melbourne, 147-159. [stbnd dnuse
- Dowgiallo, E.M. 1965. Mutual relation between loess and dune accumulation in southern Poland, *Geologica Polonica*, **6**, 105-115. [stbnd
- Draga, M. 1983. Eolian activity as a consequence of beach nourishment, - observations at Westerland (Sylt), German North Sea Coast, *Zeitschrift für Geomorphologie, Supplement Band*, **45**, 303-319. [codn dnuse sdmo abstract in Busche, *et al.* 1984 annexe
- Drees, M. 1989. Rabbits as grazers (in Dutch), *Duin*, **12** (4), 156-158. [codn dnveg
- Dresch, J. 1952. Dépôts de couverture et relief en Afrique occidentale française, *Comptes rendus du Congrès international de Géographie*, **, 323-** [stbnd
- Dresch, J. 1961. Observations sur la désert côtier du Pérou, *Annales de Géographie*, **70** (378), 174-184. [dune ?
- Dresch, J. 1964. Observations sur les formes et dépôts quaternaire en Syrie, *Bulletin de l'Association de Géographes français*, **5**, 603-607. [stbnd ?
- Dresch, J. 1965. Le "désert" de Thar, *Bulletin de l'Association de Géographes français*, (332-333), 36-49. [stbnd
- Dresch, J. 1975. Déserts comparés: Sahara - Australie, *Bulletin de l'Association de Géographes français*, (424-425), 127-133. [dune ?
- Dresch, J. 1982. *Géographie des régions arides*, Presses Universitaires de France, Paris, 277 pp. [dune abstract in Busche, *et al.* 1984 annexe
- Dresch, J. and Rougerie, G. 1960. Observations morphologiques dans le Sahel du Niger, *Revue de Géomorphologie dynamique*, **11** (4-6), 49-58. [stbnd dune
- Driese, S.G. 1985. Interdune pond carbonates, Weber Sandstone, northern Utah and Colorado, *Journal of Sedimentary Petrology*, **55** (2), 187-195. [dnbed
- Driese, S.G. and Dott, R.H.Jr. 1984. Model for sandstone-carbonate "cyclothems" based on Upper Member of Morgan Formation (Middle Pennsylvanian of northern Utah and Colorado), *Bulletin of the American Association of Petroleum Geologists*, **68** (5), 574-597. [dnbed

- Driver, D.M., Seegmiller, H.L. and Marvin, J.G. 1987. Time-dependent behaviour of a reattaching shear layer, *Journal of the American Institute of Aeronautics and Astronautics*, **25** (7), 914-191. [dune sdmo wind]
- Dropsy, U. 1943. Etude granulométrique de quelques sables de Mauritanie, *Bulletin de la Société française de Minéralogie*, **166** (1-6), 251-263. [sand]
- Duane, D.B. 1964. Significance of skewness in recent sediments, Pamlic Sound, North Carolina, *Journal of Sedimentary Petrology*, **34** (4), 864-874. [sand]
- Duane, D.B. 1970. Synoptic observations of sand movement, *Proceedings of the 12th Coastal Engineering Conference*, **2**, 799-814. [dunelog sdmo]
- Dubief, J. 1942. Sur les vents de sable du Sahara algérien, *Comptes rendus de l'Académie des Sciences, Paris*, **215**, 374-376. [sdmo]
- Dubief, J. 1943. Les vents de sable dans le Sahara français, *Travaux de l'Institut de Recherches sahariennes*, **2**, 11-35. [sdmo]
- Dubief, J. 1952. Le vent et le déplacement du sable au Sahara, *Travaux de l'Institut de Recherches sahariennes*, **8**, 123-164. [sdmo]
- Dubief, J. 1953a. Les vents de sable dans le Sahara français, in *Actions éoliennes, phénomènes d'évaporation et d'hydrologie superficielle dans les régions arides, Colloques internationaux*, **35**, Centre nationale de Recherche scientifique (CNRS), Paris, Paris, 45-70. [sdmo]
- Dubief, J. 1953b. Le vent et le déplacement du sable au Sahara, *Travaux de l'Institut Recherche sahariennes*, **8**, 123-164. [sdmo]
- Dubief, J. 1979. Review of the North African climate with particular emphasis on the production of eolian dust in the Sahel Zone and in the Sahara, in *Saharan dust*, Ed. Morales, C., John Wiley and Sons, Chichester, 27-48. [sdmo]
- Dubois, D., Icole, M. and Trichet, J. 1984. Evolution géomorphologique de la vallée du Niger aux abords de Niamey (République du Niger), *Bulletin de la Société géologique de la France*, **27**, 1305-1318. [stbdn]
- Dubois, J. 1947. *Etude de l'ensablement des Niayes de M'Boro et recherche d'un moyen efficace de lutte*, CNRA, Bambet, 9 pp. [dnuse cited by Porgès]
- Duchemin, G.J. 1958. Essai sur la protection des constructions contre l'ensablement à Port-Etienne (Mauritanie), *Bulletin de l'Institut français de l'Afrique noire*, **A 20**, 675-686. [dnuse sdmo]
- Dücker, A. and Maarlveld, G.C. 1958. Hoch- und spätglaziale äolische Sande in Nordwestdeutschland und in den Niederlanden, *Geologische Jahrbuch*, **73**, 215-234. [stbdn abstract in Niessen, et al. 1984]
- Dufart, C. 1904. Les formations éoliennes du Plateau Landais, *Comptes rendus du Congrès des Sociétés des Savants de Paris, Section des Sciences*, 115-117. [codn stbdn]
- Duffey, E. 1968. An ecological analysis of the spider fauna of sand dunes, *Journal of Animal Ecology*, **37**, 641-674. [codn dnveg]
- Duffey, E.A.G. 1976. Breckland, in *Nature in Norfolk: a heritage in trust*, Jarrold, Norwich, 62-78. [stbdn dnveg bot 85 a nat]
- Dufour, A. 1935. Observations sur les dunes du Sahara méridional, *Bulletin de l'Association de Géographes français*, **88**, 84-88.

- Dufour, A. 1936. Observations sur les dunes du Sahara méridional, *Annales de Géographie*, **45** (255), 276-285.
- Duley, F.L., Russell, J.C., Gooding, R.H. and Fox, R.L. 1953. Soil conservation and management of sandy farm land in northeast Nebraska, *Bulletin of the Nebraska Agricultural Experiment Station*, **420**, ** [dnsol dnuse]
- Dulieu, D., Gaston, A. and Darley, J. 1977. La dégradation des pâturages de la région de N'Djamena (Tchad) en relation avec la présence de Cyanophycées psammophiles, *Revue d'Elevage et de Médecine Vétérinaire en Pays Tropicaux*, **30**, 181-190. [dnsol dnveg dnuse]
- Dulignon-Desgranges, ** 1890. *Les dunes de Gascogne, Le bassin d'Arcachon et le barron de Villers, ...* [codn dnuse]
- Dunham, K.C. 1952. Red colouration in desert formations of Permian and Triassic age in Britain, *Proceedings of the 19th International Geological Congress*, Algiers, **7-9**, 425-432. [dnbed dnsol]
- Dupont, B. 1967. *Etude des formations sédimentaires du Kanem. Primers résultats*, Office de Recherches scientifiques et techniques d'Outre Mer (ORSTOM), Fort Lamy, 150 pp. [stbdn]
- Durand, A. 1980. Cordon dunaires périlacustres et oscillations de Lac Tchad au Quaternaire récent, (abstract), *Resumé du 26ème Congrès géologique international*, Paris, 650. [stbdn]
- Durand, A., Fontes, J.C., Gasse, F., Icole, M. and Lang, J. 1984. Le Nord-ouest du Lac Tchad au Quaternaire: étude de paléoenvironnements alluviaux, éoliens, palustres et lacustres, *Palaeoecology of Africa*, **16**, 215-243. [stbdn]
- Durand, A., Icole, M. and Bieda, S. 1982. Sédiments et climats quaternaire du Sahel central: exemple de la vallée de Maradi (Niger méridional), *Cahiers, Série géologique*, **12**, Office de la Recherche scientifique et technique de l'Outre Mer, (ORSTOM), Paris, 77-90. [stbdn]
- Durand, A. and Mathieu, P. 1979/80. Le Quaternaire supérieure sur la rive sud du Lac Tchad, *Cahiers, Série géologique*, **11**, Office de la Recherche scientifique et technique de l'Outre Mer, (ORSTOM), Paris, 189-203. [stbdn]
- Durand, A. and Mathieu, P. 1980. Evolution paléogéographique et paléoclimatique du bassin tchadien au Pléistocène supérieur, *Revue de Géographie physique et de Géologie dynamique*, **22**, 239-341. [stbdn]
- Durand de Corbiac, H.D. 1958. "Autant en emporte le vent", ou l'érosion et l'accumulation autour du Tibesti, *Bulletin de l'Association Ing. Géog.*, **11**, 147-156. [dune]
- Durand de Corbiac, H. 1961. L'érosion et l'accumulation éolienne aux alentours du Tibesti, *Bulletin de l'Information de l'Association des Ingenieurs Géographes*, **IV** (11), 147-156. [dune]
- Durdyev, Kh., Kul'mamedov, M. and Redzhepov, M. 1969. On the methods of structural-geomorphological investigation within the sandy regions of southwest Turkmenia, *Isvestiya Akademii Nauk, Turkmenskoi SSR, Seria Fiziko-Tekhnicheskikh, Klimicheskikh i Geologicheskikh Nauk*, **4**, 107-111. [dune]
- Durègne, E. 1902. Contribution à l'étude des dunes. Dunes anciennes de Gascogne, *Société Linnéenne de Bordeaux, Actes*, **57**, 1-15. [codn]
- Durègne, E. 1904. La grande montagne de la Teste de Buch, *Annales du Club alpin français*, Année **30**, 288-415. [codn]

- Durotoye, B. 1983. Geomorphology and Quaternary deposits of Nigeria, in *Tropical soils of Nigeria in engineering practice*, Ed. Ola, S.A., Balkema, Amsterdam, 1-16. [dnuse]
- Durrieu, G. 1975. Les champignons parasites et leur distribution dans les zones dunaires, in *Colloques phytosociologiques. 1. La Végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 133-139. [dnveg nansl or ull codn]
- du Toit, A.L. 1926. The Mier country, *South African Geographical Journal*, **9** (1), 21-26. [stbdn soas per 89/164339]
- du Toit, A.L. 1927. The Kalahari and some of its problems, *South African Journal of Science*, **24**, 88-101. [stbdn]
- Dutton, R.W., Ed. 1988. *Scientific results of the Royal Geographical Society's Oman Wahiba Sands project*, *Journal of Oman Studies, Special Report*, **3**, 576 pp. [dune dnuse dnveg]
- Dutton, R.W. and Winser, N.de N. 1987. The Oman Wahiba Sands Project, *Geographical Journal*, **153** (1), 48-58. [dune dnuse dnveg]
- Dwight, T. 1821. *Travels in New England and New York*, ** New Haven, ** [codn dnuse]
- Dyer, A.J. 1974. A review of flux-profile relationships, *Boundary-Layer Meteorology*, **7**, 363-372. [sdmo]
- Dyer, K.R. 1980. Velocity profiles over a rippled bed and the threshold of sand movement, *Estuarine and Coastal Marine Science*, **10**, 181-199. [sdmo]
- Dyhouse, G.R. 1968. Martian sand and dusts storms and effects on spacecraft coatings, *Journal of Spacecraft and Rockets*, **5**, 473-475. [sdmo]
- Dylik, J. 1969. L'action du vent pendant le dernier âge froid sur le territoire de la Pologne centrale, *Symposium sur l'Action du Vent et la Formation du Loess en Milieu périglaciaire wurmien*, *Biuletyn Peryglacjalny*, **20**, 29-44. [dune stbdn abstract in Niessen, et al. 1984]
- Dylikowa, A. 1957. The structure of dunes, *Résumés des Communications, 5th Congress*, International Quaternary Research Association (INQUA), Madrid-Barcelona, 52. [stbdn dnbed]
- Dylikowa, A. 1958. Phases du développement des dunes aux environs de Łódź (Polish, French abstract), *Acta Geographica Universitatis Lodzensis*, **8**, 233-268.
- Dylikowa, A. 1961. Inland dunes in middle Poland and their importance for the Late Pleistocene stratigraphy, *Supplement, 6th Congress*, International Quaternary Research Association (INQUA), Warszawa, 11-12. [stbdn]
- Dylikowa, A. 1964. Les dunes de Pologne centrale et leur importance pour la stratigraphie du Pleistocene tardif, *6th International Congress on the Quaternary, Report*, **4**, Warsaw, 1961, 67-80. [stbdn abstract in Niessen, et al. 1984]
- Dylikowa, A. 1968. Les phases du développement des dunes pendant le Pléistocène tardif (in Polish, French abstract), *Folia Quaternaria*, **29**, 119-126. [stbdn]
- Dylikowa, A. 1969a. Le problème des dunes intérieures en Pologne à la lumière des études de structure, *Biuletyn Peryglacjalny*, **20**, 48-86. [stbdn dune]
- Dylikowa, A. 1969b. Problematics of inland dunes in the light of structural examinations (in Polish, English abstract), in *Procesy i formy wydymowe w Polsce*, Ed. Galon, R., *Polskiej Akademii Nauk, Instytut Geografii, Prace Geograficzne*, Warsaw, **75**, 39-74. [stbdn]

- Dylikowa, A. 1970. Characteristics of the substrate of dunes at Katarzynow near Łódź (in Polish), *Acta Geographica Lodzensis*, **24**, 135-154.
- Dyunin, A.K. 1967. Fundamentals of the mechanics of snowstorms, in *Physics of snow and ice*, Ed. Oura, H., *Proceedings of the International Conference of Low Temperature Science*, **1** (2), 1065-1073. [sdmo]
- Dzens-Litovskata, N.N. 1954. Vegetation of the sand dunes and islets on the Azov and Black Sea coasts (in Russian), *Uch. Zpov.Gosud. Universitieta Leningradskogo, Seriya Geografiskaya*, **166**, 323-254. [dnveg codn]
- Eardley, A.J. 1962. *Gypsum dunes and evaporite history of the Great Salt Lake Desert, Special Studies*, **2**, Utah Geological and Mineralogical Survey, 27 pp.
- Earl, P.I. 1981. Sand mountain: dune of mystery, *California Mining Journal*, **51** (3), 67-68.
- Eastwood, D.A. and Carter, R.W.G. 1981. The Irish dune consumer, *Journal of Leisure Research*, **13**, 273-281. [codn dnuse]
- Eberle, G. 1938. Zungen-Dünen, *Natur und Volk*, **88**, 226-230. [dune codn ?]
- Edelberg, I. 1946. Jorsands vegetation, *Botanisk Tidsskrift*, **48**, 91-96. [dnveg codn]
- Edelman, C.H. 1947. Les limons et les sables de couverture des Pays-Bas, in *La géologie des terrains récents dans l'ouest de l'Europe*, (Session extraordinaire, Société belge de Géologie, septembre 19-26. 1946), Hayez, Bruxelles, 303-310. [stbdn]
- Edelman, C.H. 1951. Niveo-eolische afzettingen (with English summary), *Geologie und Mijnbouw*, **13**, 288-300. [stbdn abstract in Niessen, *et al.* 1984]
- Edelman, C.H. and Zandstra, K.J. 1956. Niveo-äolische Sande im Saargebiet, *Koninklijke Nederlandse Akademie van Wetenschappen-Amsterdam*, **B 59**, 253-258. [stbdn abstract in Niessen, *et al.* 1984]
- Edelman, T. 1969. Dune erosion during storm conditions, *Proceedings of the 11th Coastal Engineering Conference*, **1**, London, American Society of Civil Engineers, New York, 719-722. [codn dnuse]
- Edelman, T. 1970. Dune erosion during storm conditions, *Proceedings of the 12th Coastal Engineering Conference*, American Society of Civil Engineers, New York, 1305-1307. [codn dnuse]
- Edelman, T. 1972. Dune erosion during storm conditions, *Proceedings of the 13th Coastal Engineering Conference*, American Society of Civil Engineers, New York, 1305-1312. [codn dnuse]
- Edgell, G. 1989. Evolution of the Rub' al Khali, *Earth Science*, **3**, 109-126. [dune]
- Edlin, H.L. 1976. The Culbin Sands, in *Reclamation*, Eds. Lenihan, J. and Fletcher, W.W., Blackie, Glasgow, 1-31. [codn dnuse]
- Edmonds, J.M. 1942. The distribution of the Kordofan sand, *Geological Magazine*, **79** (1), 18-30. [stbdn]
- Egypt, Ministry of Agriculture 1948. *A note on the stabilisation of the sand dunes of Egypt*, Government Printing Press, Cairo, 6 pp. [dnuse]
- Ehlers, E. 1982. Man and environment – problems in rural Iran, *Applied Geography and Development*, **19**, 108-125. [abstract in *Busche et al.*, 1984 dnuse]
- Ehlers, E.-H. 1982. *UNIVEST® - a new material for road construction and housebuilding*, Schriftenreihe Straßenwesen, Braunschweig, **6**, 131 pp. [glue dnuse abstract in *Busche et al.*, 1984]

- Ehlers, J. 1986. Phasen der Dünenbildung auf den Inseln des Wattenmeeres, in *Beiträge zur Geomorphologie der Kulturlandteile*, Eds. Hofmeister, B. and Voss, F., *Berlin geographische Studies*, **20**, 2-38. [codn]
- Ehrenberg, A., Geelen, L.H.W.T., Ketner, P. and Baeyens, G. 1988. Half a century of landscape development in the "Haasvelderduinen" (in Dutch), *Levende Natuur*, **89**, 150-157. [codn]
- Ehrlich, R. 1983. Size analysis wears no clothes or have moments come and gone, *Journal of Sedimentary Petrology*, **53** (1), 1. [sand]
- Ehrlich, R., Brown, P.J., Yarus, J.M. and Przygocki, R.S. 1980. The origin of shape frequency distributions and the relationship between size and shape, *Journal of Sedimentary Petrology*, **50** (2), 475-484. [sand]
- Ehrlich, R., Eggers, M.R. and Goodman, E.D. 1985. Quartz size/shape relationships: variable size/shape relationships of detrital quartz reflect differences in source/transport parameters, *Geological Society of America, Abstracts with Programs*, **17**, 572. [sand]
- Ehrlich, R. and Weinberg, S. 1970. An exact method for the characterization of grain shape, *Journal of Sedimentary Petrology*, **40** (1), 205-212. [sand]
- Eig, A. 1939. The vegetation of the light soil belt of the coastal plain, *Palestine Journal of Botany*, **3**, 183-246. [dnveg]
- Einstein, H.A. 1950. *The bed-load function for sediment transportation in open channels*, *Technical Bulletin*, **1026**, United States Department of Agriculture, Soil Conservation Service, Washington, DC, ** pp. [sdmolog]
- Einstein, H.A. and El-Samni, E. 1949. Hydrodynamic forces on a rough wall, *Reviews of Modern Physics*, **21**, 520-524. [sdmolog]
- Eisma, D. 1965. Eolian sorting and roundness of beach and dune sands, *Netherlands Journal of Sea Research*, **2**, 541-555. [codn]
- Eisma, D. 1968. Composition, origin and distribution of Dutch coastal sands between Hoek van Holland and the island of Vlieland, *Netherlands Journal of Sea Research*, **4**, 123-267. [codn]
- Elachi, C.C., Brown, W.E., Camino, J.B., Dixon, T., Evans, D.L., Ford, J.P., Saunders, R.S., Breed, C., Masurski, H., Schaber, G., Dellwig, L., England, A., MacDonald, H., Martin-Kaye, P. and Sabins, F. 1982. Shuttle imaging radar experiment, *Science*, **218** (4576), 996-1003. [dune?]
- Elachi, C.C., Blom, R., Daily, M., Farr, T. and Saunders, R.S. 1980. Radar imaging of volcanic fields and sand dune fields, implications for VOIR, *Proceedings of the Radar Geology Workshops, Publication*, **80-61**, Jet Propulsion Laboratory, Snowmass, Colorado, 114-150.
- El Ashry, M. 1985. Egypt, in *The world's coastlines*, Ed., Bird, E.C.F. and Schwartz, M.L., van Nostrand Reinhold, New York, 513-517. [negev codn]
- El-Asswad, M., Groenevelt, P.H. and Nickling, W.G. 1986. Effects of polyvinyl alcohol on the threshold shear velocity and soil loss due to wind, *Soil Science*, **141** (2), 178-184. [dnuse glue]
- El-Baz, F. 1976. Terrestrial sand patterns photographed by the Apollo-Soyuz Mission and similar features on Mars (abstract), *Lunar Science*, **7**, 236. [dune]
- El-Baz, F. 1977a. *Astronaut observations from the Apollo-Soyuz mission*, Smithsonian Institution Press, Washington, DC, 400 pp. [dune]

- El-Baz, F. 1977b. Expanding desert creates grim beauty but also threatens crucial cropland, *Smithsonian*, **8** (3), 35-41. [dnuse]
- El-Baz, F. 1977c. Onslaught on the Nile, *UNESCO Courier*, **30**, United Nations Educational, Scientific and Cultural Organization, Paris, 23-24. [dune abstract in Busche *et al.* 1984]
- El-Baz, F. 1978. The meaning of desert color in earth orbital photographs, *Photogrammetric Engineering and Remote Sensing*, **44**, 69-75. [dnsol]
- El-Baz, F. 1979a. Analogs of Martian eolian features in southwestern Egypt, *Paper D.4.5.*, (Session D.4.), *Mars and Comparative Studies in the Inner Solar System. Symposium on Planetary Surfaces and Atmospheres*, Committee on Space Research (COSPAR), Innsbruck, 16 pp. [1978 ?? dune]
- El-Baz, F. 1979b. Color of desert surfaces in the Arabian Peninsula, in *Apollo-Soyuz Test Project: Earth observations and photography*, **SP-412, 2**, National Aeronautics and Space Administration (NASA), Washington, DC, 285-299. [dune]
- El-Baz, F. 1979c. Monitoring the desert environment from space, in *Advances in desert and arid-land technology and development*, Eds. Bishay, A. and McGinnies, W.G., Harwood, New York, 383-398. [dune]
- El-Baz, F. 1979d. *Egypt as Seen by Satellite*, Ain Shams University, Cairo, 160 pp. [dune?]
- El-Baz, F. 1980a. Space age developments in desert research, *Episodes*, (4) 12-17. [dune]
- El-Baz, F. 1980b. Quaternary climatic changes and the formation of the eastern Sahara (abstract), *Resumés du 26ème Congrès géologique international*, Paris, 651. [dune?]
- El-Baz, F. 1981a. Analogs of Martian eolian features in southwestern Egypt, *Meeting of the Committee on Space Research*, Innsbruck, Austria, National Air and Space Museum, Smithsonian Institute, Washington, DC, 7 pp. [dune abstract in Busche *et al.*, 1984 annexe]
- El-Baz, F. 1981b. Formation and evolution of surface features in Egypt's Western Desert, a summary of martian analogies, *Papers Presented to the 3rd International Colloquium on Mars, LPI Contribution*, **441**, 68-70. [dune]
- El-Baz, F. 1982. *Desert landforms of southwest Egypt: a basis for comparison with Mars, Report*, **NASA-CR-3611**, National Aeronautics and Space Administration (NASA), Washington DC, ** [dune]
- El-Baz, F. 1984a. The desert in the space age, in *Deserts and arid lands*, Ed. El-Baz, F., Martinus Nijhoff, The Hague, 1-29. [geog xf 16 elb dune]
- El-Baz, F., Ed. 1984b. *Deserts and arid lands*, Martinus Nijhof, The Hague, 222 pp. [geog xf 16 elb dune]
- El-Baz, F. 1986a. The formation and motion of dunes and sand seas, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 70-93.
- El-Baz, F. 1986b. Monitoring the sand-moving desert winds, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 141-158. [sdmo]
- El-Baz, F. 1986c. On the reddening of quartz grains in dune sand, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 191-209. [dnsol]
- El-Baz, F., *et al.* 1979. Preliminary analysis of color variations of sand deposits in the Western Desert of Egypt, in *Apollo-Soyuz Test Project: Earth observations and photography*, **SP-412, 2**, National Aeronautics and Space Administration (NASA), Washington, DC, 237-262. [dune dnsol]

El-Baz, F., Boulos, L., Breed, C.S., Dardir, A., Dowidar, H., El-Etr, H., Embabi, M., Grolier, M., Haynes, V., Ibrahim, M., Issawi, D., Maxwell, T., McCauley, J., McHugh, W., Moustafa, A. and Yousif, M. 1980. Journey to the Gilf Kebir and Uweinat, Southwest Egypt, 1979, *Geographical Journal*, **146** (1), 51-93. [dune

El-Baz, F., Breed, C.S., Grolier, M.J. and McCauley, J.F. 1979. Eolian features in the Western Desert of Egypt and some applications on Mars, *Journal of Geophysical Research*, **84** (B 14), 8205-8222. [dune abstract in Busche *et al.* 1984

El-Baz, F. and El-Etr, H. 1979. Color zoning in the Western Desert of Egypt, in *Apollo-Soyuz Test Project: Earth observations and photography*, **SP-412, 2**, National Aeronautics and Space Administration (NASA), Washington, DC, 203-217. [dune dnsol

El-Baz, F. and Hassan, M.H.A., Eds. 1986. *Physics of desertification*, Martinus Nijhof, The Hague, 473 pp. [sdmo

El-Baz, F. and Mainguet, M. 1981. Dune forms in the Great Sand Sea and application to Mars, *Technical Memorandum*, **84211**, National Aeronautics and Space Administration (NASA), Washington, DC, 244-246.

El-Baz, F. and Manent, L.S. 1981. Serrated eolian deposits in China's northwestern deserts and their comparisons to dark splotches on Mars, *Technical Memorandum*, **84211**, National Aeronautics and Space Administration (NASA), Washington, DC, 241-243. [dune

El-Baz, F. and Maxwell, T.A. 1979a. Eolian streaks in southwestern Egypt and similar features on Mars, *Proceedings of the 10th Lunar and Planetary Science Conference*, Lunar and Planetary Institute, Houston Texas, Pergamon, Oxford, 3017-3030. [dune

El-Baz, F. and Maxwell, T.A. 1979b. Wind streaks in southwestern Egypt: topographic influences and martian analogs (abstract), *Technical Memorandum*, **TM 80339**, National Aeronautics and Space Administration (NASA), 296-298. [dune

El-Baz, F. and Maxwell, T.A., Eds. 1982. *Desert landforms of southwestern Egypt: a basis for comparison with Mars*, **NASA CR-3611**, National Aeronautics and Space Administration (NASA), Washington, DC, 372 pp. [dune

El-Baz, F. and Prestel, D.J. 1980. Desert varnish on sand grains from the Western Desert of Egypt: importance of the clay component and implications to Mars, in *Lunar and planetary science*, **XI**, Lunar and Planetary Institute, Houston Texas, 254-256. [dnsol

El Baz, F. and Prestel, D. 1981. Coatings and sand grains from southwestern Egypt, *Annual Report of the Geological Survey of Egypt*, **11**, 175-188. [dnsol

El-Baz, F., Slezak, M.H. and Maxwell, T.A. 1979. Preliminary analysis of color variations of sand deposits in the Western Desert of Egypt, in *Apollo-Soyuz Test Project: summary report*, **SP-412, II**, National Aeronautics and Space Administration (NASA), Washington, DC, 237-262. [dnsol

El-Baz, F. and Warner, D.M., Eds. 1979. *Apollo-Soyuz Test Project: summary science report*, National Aeronautics and Space Administration (NASA), Washington, DC, 2 volumes, ** pp. [dune

El-Baz, F. and Wolfe, R.W. 1982. Wind patterns in the Western Desert, in *Desert landforms of southwest Egypt: a basis for comparison with Mars: contributions to planetary geology*, *Conference Publication*, **CP-3611**, National Aeronautics and Space Administration (NASA), Washington, DC, 119-140. [dune sdmo

Elby, L.K. and Whitfield, C.J. 1940. Soil and erosion changes on the Dalhart Sand Dune area, *American Association of Agronomy Journal*, **32** (April), 290-296. [dnuse codn ? or Eby ??

- El-Din, S.S.Tag 1986. Some aspects of sand stabilization in Egypt, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 118-126. [dnuse
- Eldred, R.A. and Maun, M.A. 1982. A multivariate approach to the problem of decline in vigour of *Ammophila breveligulata*, *Canadian Journal of Botany*, **60**, 1371-1380. [codn dnveg
- El Dun, I.O.A. 1969. *The Qoz: a geographical analysis of sandy western Sudan*, dissertation abstracts, **29** (8), 2935 B. [stbdn
- El-Ella, R.A. and Coleman, J.M. 1985. Discrimination between depositional environments using grain-size analysis, *Sedimentology*, **32** (5), 743-748. [sand
- Elhai, H. 1959. Les dunes de l'ouest du Cotentin, *Cahiers océanographique*, **11**, 231-245. [codn reviewed in *Revue de Géomorphologie dynamique*, 1960, 37.
- El-Kifl, A.H. *et al.* 1974. Distribution of protozoa in some recently reclaimed sandy soils and the cultivated clay loams of Egypt, *Agrokemia es Talajtan*, **23** (1-2), 121-126. [dnsol dnecol
- Ellis, D. 1981. Protection, restoration, development and research of South Australian beach/dune systems, *5th Australian Conference on Coastal and Ocean Engineering*, Perth, 157-159. [codn dnuse abstract in Busche *et al.* 1984
- Ellwood, B.B. and Howard, J.H. 1981. Magnetic fabric development in an experimentally produced barchan dune, *Journal of Sedimentary Petrology*, **51** (1), 97-100. [dnbed abstract in Busche *et al.* 1984
- Ellwood, J.M., Evans, P.D. and Wilson, I.G. 1975. Small scale aeolian bedforms, *Journal of Sedimentary Petrology*, **45** (2), 554-561. [ripple abstract in Busche *et al.* 1984
- El-Mehshi, A.M. 1980. Sand fixation and its implications for agricultural development, *California Geographer*, **20**, 63-80. [dnuse rgs 471 f
- El-Shazly, E.M., Hardy, M.A.A. and El-Kassas, I.A. 1977. Delineation of land features in Egypt by Landsat satellite images, *Proceedings of the 6th Annual Remote Sensing of Earth Resources Conference*, Talahassee, 277-294. [dune short abstract in Busche *et al.* 1984
- El Sherbiny, S. and Bofah, K.K. 1982. Measurements of the flow field over an eolian sand dune, *Arabian Journal for Science and Engineering*, **7** (3), 253-260.
- Eltayeb, I.A. and Hassan, M.H.A. 1981. On the non-linear evolution of sand dunes, *Geophysical Journal of the Royal Astronomical Society*, **65** (1), 31-45. [abstract in Busche *et al.* 1984
- Eltayeb, I.A. and Hassan, M.H.A. 1986. The stability and propagation of sand ripples and dunes in *The physics of desertification*, Eds. El-Baz, F. and Hassan, M., International Centre, 398-434. [geog xf 22 phy
- Elven, R. and Johansen, V. 1983. *Havstrand i Finnmark. Flora, vegetasjon og botaniske verneverdier*, Rapport, **T-541**, Institut Biologi Geologi Tromsø, ** pp. [codn dnveg
- Elzenga, W., Schwan, J., Baumfalk, A., Vandenbergehe, J. and Krook, L. 1987. Grain surface characteristics of periglacial aeolian and fluvial sands, *Geologie en Mijnbouw*, **65** (4), 273-286.
- Embabi, N.S. 1967. *A morphological study of the Kharga Oasis depression in the Western Desert, Egypt*, unpublished Ph.D. dissertation, University of Bristol, 326 pp. [dune
- Embabi, N.S. 1970/71. Structures of barchan dunes at the Kharga Oasis Depression, The Western Desert, Egypt (and a comparison with structures of two aeolian microforms from Saudi Arabia), *Bulletin de la Société de Géographie d'Egypte*, **43/44**, 53-71. [dnbed abstract in Busche *et al.* 1984

- Embabi, N.S. 1978. Statistical relationship between barchan shape dimensions, *Egyptian Computer Science Journal*, **1** (2), 29-51. [dune]
- Embabi, N.S. 1979. Barchan dune movement and its effect on economic development at the Kharga Oasis Depression (in Arabic), *Journal of the Middle East*, **6**, The Middle East Research Centre, Ain Shams University, Cairo, 1-20. [dnuse]
- Embabi, N.S. 1982. Barchans of the Kharga Depression, in *Desert landforms of southwestern Egypt: a basis for comparison with Mars*, Eds. El-Baz, F. and Maxwell, T.A., **NASA CR-3611**, National Aeronautics and Space Administration (NASA), Washington, DC, 141-155. [dune]
- Embabi, N.S. 1986/87. Dune movement in the Kharga and Dhakla Oases depressions, The Western Desert, Egypt, *Bulletin de la Société de Géographie d'Egypte*, **59/60**, 35-70.
- Embabi, N.S. and Ashour, M.M. 1983. Sand dunes in the Qatar Peninsula (in Arabic), **1**, University of Qatar, Doha, 244 pp.
- Emerson, F.W. 1935. An ecological reconnaissance in the White Sands, New Mexico, *Ecology*, **16** (2), 226-233. [dnecol]
- Emery, K.O. 1950. Ironstone concretions and beach ridges of San Diego County, California, *California Journal of Mines and Geology*, **46**, 213-222. [codn ? dnsol ?]
- Emery, K.O. 1954. Some characteristics of southern California sediments, *Journal of Sedimentary Petrology*, **24** (1), 50-59. [sand]
- Endo, Kunihiko 1969. The formation and fixing of Holocene sand dunes in Japan, (in Japanese), *Geographical Review of Japan*, **42**, 159-162. [codn stbdn dnuse]
- Endrody-Younga, S. 1982. Dispersion and translocation of dune-specialist tenebrionids in the Namib area, *Cimbebasia*, **A 5**, 257-271. [dnveg]
- Engel, J.R. 1981. Sacred sands: the civil religion of the Indiana dunes, *Landscape*, **25**, 1-10. [dnuse codn]
- Engel, J.R. 1983. *Sacred sands: the struggle for community in the Indiana dunes*, Wesleyan University Press, Middleton, Connecticut, 352 pp. [dnuse codn]
- Engel, P. 1981. Length of flow separation over dunes, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **107** (HY10), 1133-1143. [dunelog]
- Engelund, F. 1974. Flow and bed topography in a channel, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, (HY11), 1631-148. [dunelog]
- Engelund, F. and Fredsøe, J. 1971. A mathematical model of flow over dunes, *Prog. Rep., Hydraul. Lab.*, Technical University of Denmark, **22**, 25-30. [dunelog]
- Engelund, F. and Fredsøe, J. 1974. Transition from dunes to plane bed in alluvial channels, *Institute of Hydrodynamics and Hydraulic Engineering, Series Paper*, **4**, Technical University of Denmark, ** pp. [dunelog]
- Engelund, F. and Fredsøe, J. 1982. Sediment ripples and dunes, *Annual Review of Fluid Mechanics*, **14** (1), 13-37. [dunelog]
- Engelund, F. and Hansen, E. 1966. Investigations of flow in alluvial streams, *Bulletin of the Technical University of Denmark, Hydraulics Laboratory*, **9**, 100 pp. [dunelog]

Engineering Consulting Firms Association of Japan 1970. *Report on preliminary study on use of asphalt in arid land reclamation and development projects in West Pakistan*, Pakistan Arid Lands Study Mission, ECFAJ, Tokyo, 99 pp. [glue wneroc abstract in Busche *et al.* 1984

Enjalbert, H. 1950. Observations morphologiques sur les Landes de Gascogne, les Gorges du Ciron et le karst de Casteljaloux, *Revue géographique des Pyrénées et du Sud-Ouest*, **21**, 5-42. [stbdn

Enock, C.R. 1908. Surface forms in western South America, *Geographical Journal*, **31** (6), 684. [dune

Enquist, F. and Frederick, E. 1932. The relation between dune form and wind direction, *Geologiska Föreningens i Stockholm Förhandlingar*, **54** (388), 19-59. [with or without Frederick ??

Epry, C. 1914. Ripple-marks, *Annales de l'Institut océanographique*, **4** (3), ** [translated in *Annual Report of the Smithsonian Institution*, 1914, 307-318.

Enright, N.J. and Anderson, M.J. 1988. Recent evolution of the Mangawhai Spit dunefield, *Journal of the Royal Society of New Zealand*, **18** (4), 359-367. [codn

Erchinger, H.F. 1970a. Dünenschuchutzmashnahmen und Versuche zur Dünenbegrunung au Norderney, *Deutscher Rat für Landspflege*, **14**, ** [codn

Erchinger, H.F. 1970b. Die Erhaltung der Dünen zum Schutz der Inseln in Ostfriesland, *Bauwirtschaftliche Informationen*, Neuminster, **20**, 11, 8-12. [codn

Erchinger, H.F. 1972. Küststoffe im Dünenbau, *Wasser und Boden*, **11**, 342-344. [codn dnuse abstract in Busche *et al.* 1984

Erchinger, H.F. 1974. Protection of sandy coasts in dependence of the dune-beach type, *Proceedings of the 14th Coastal Engineering Conference*, Copenhagen, 1164-1176. [dnuse codn

Erchinger, H.F. 1975. Shutz sandiger Küsten in Abhängigkeit vom Schutzdünen-Strand-Profil, *Die Küste*, **27**, 19-27. [codn abstract in Busche *et al.* 1984

Erchinger, H.F. 1986. Strandaufspülungen als aktiver Küstenschutz vor Schutzwerken und Dünen au Norderney und Langeoog, *Die Küste*, **43**, 181-204. [codn

Erickson, A.E., Hanson, C.M. and Smucker, A.J.M. 1968. The influence of surface asphalt moisture barriers on the water properties of sand soils, *Proceedings of the 9th International Congress of Soil Science*, Adelaide, **1**, 331-337. [glue dnuse abstract in Busche *et al.* 1984

Eriksson, P.G. 1978. An investigation of Quaternary aeolian-lacustrine sediments in Naquamaland, *Palaeoecology of Africa*, **24**, 41-46. [sand dune

Eriksson, P.G., Nixon, N., Snyman, C.P. and Bothma, J. DuP. 1989. Ellipsoidal parabolic dune patches in the southern Kalahari desert, *Journal of Arid Environments*, **16** (2), 111-124. [stbdn

Erinc, S. 1962. On the relief features of blown sand at the Karapinar surroundings in the interior of Anatolia, *Geographical Institute Review*, **8**, University of Istanbul, 113-130. [dune

Escadafal, R. and Pouget, M. 1989. Cartographie des formations superficielles en zone aride (Tunisie méridionale) avec Landsat TM, *Photointerprétation*, **4**, 9-12. [dsol dune

Escande, L. 1949. Ondulations de sable des modelés reduits et dunes de désert, *Comptes rendus de l'Académie des Sciences, Paris*, **229** (13), 613-615. [dunelog

Escande, L. 1953. Similitude des ondulations de sable des modelés reduits et des dunes du désert, in *Actions éoliennes, phénomènes d'évaporation et d'hydrologie superficielle dans les régions arides*,

Colloques internationaux, **35**, Centre nationale de la Recherche scientifique (CNRS), Paris, 71-79. [brief abstract in Busche *et al.* 1984

Eschner, T.B. and Kocurek, G. 1985. Eolian palaeotopographical highs as stratigraphic traps - origin and distinction, *Bulletin of the American Association of Petroleum Geologists*, **69** (2), 253. [dnbed

Eschner, T.B. and Kocurek, G. 1986. Marine destruction of eolian sand seas: origin of mass flows, *Journal of Sedimentary Petrology*, **56** (3), 401-411. [dnbed

Eschner, T.B. and Kocurek, G. 1988. Origin of relief along contacts between eolian and overlying marine strata, *Bulletin of the American Association of Petroleum Geologists*, **72** (8), 923-949. [dnbed

Eskuche, U. 1973. Pflanzengesellschaften der Küstendünen von Argentinien, Uruguay und Südbrasilien, *Vegetatio*, **28**, 201-250. [codn dnveg

Esler, A.E. 1970. Manawatu sand dune vegetation, *Proceedings of the New Zealand Ecological Society*, **17**, 14-46. [codn dnveg

Esler, D. 1976. *Coastal dune stability*, unpublished M.Sc. dissertation, University of Aberdeen, ** [codn dnuse

Espejel, I. 1984. The vegetation of the coastal dunes of the Yucatán Peninsula. I. Floristical analysis of the State of Yucatán (in Spanish), *Biótica*, **9**, 183-210. [dnveg codn

Esselink, H., Grootjans, A., Hartog, P. and Jager, Th. 1989. Kalkrijke vegetaties in een fuinvallei op Schiermonnikoog, *Duin*, **2**, 75-79. [dnveg codn

Ethridge, R. 1876. Observations on sand dunes on the coast of Victoria, *Transactions of the Royal Society of Victoria*, **12**, 2-5. [codn

Evans, G. 1965. The Recent sedimentary facies of the Persian Gulf region, *Philosophical Transactions of the Royal Society of London*, **A 259**, 291-298. [sand dnbed not **A 259 or A 258**

Evans, G.C. 1963. Geology and sedimentation along the lower Rio Salado in New Mexico (Summary), in *Guidebook to the Socorro region*, New Mexico Geological Society, 209-216. [dune?

Evans, G.L. and Meade, G.E. 1945. Quaternary of the Texas High Plains, *Publication*, **4401**, University of Texas, 485-502. [dune

Evans, J. and Farquar, J.D. 1948. Forestry in Palestine under the Mandate, *Empire Forestry Review*, ** 219-** [dnuse dnveg

Evans, J.R. 1962. Falling and climbing sand dunes in Cronese ("Cat") Mountains, San Bernardino County, California, *Journal of Geology*, **70** (1), 107-113. [abstract in Busche *et al.* 1984

Evans, J.W. 1900. Mechanically formed limestone from Junagath (Kathiawar) and other localities, *Quarterly Journal of the Geological Society, London*, **56**, 569-583; 588-589. [dnbed codn sand

Evans, N.H. 1983. *Genesis of Fire Island foredunes*, unpublished M.Sc. dissertation, Polytechnic of Wales, 264 pp. [codn

Evans, O.F. 1944. Some structural differences between wind-laid and water-laid deposits on the west shore of Lake Michigan, *Journal of Sedimentary Petrology*, **14** (1), 94-96. [dnbed codn

Evans, S.M. and Hardy, J.M. 1970. *Seashore and sand-dunes*, Methuen, London, ** [codn dnveg

- Everard, C.E. 1959. Mining and shoreline evolution near St. Austell, Cornwall, *Transactions of Royal Geological Society of Cornwall*, **19**, 199-219. [codn ? coast brgeom]
- Everard, C.E. 1964. Playas and dunes in the Estancia Basin, New Mexico, *20th International Geographical Congress, London, Abstracts and papers*, 89-90. [stbnd]
- Everett, K.R. 1979. Evolution of the soil landscape in the sand region of the Arctic coastal plain as exemplified at Atkasook, Alaska, *Arctic*, **32**, 207-223. [stbnd dnsol abstract in Niessen, *et al.* 1984]
- Exner, F.M. 1920. Zur Physik der Dünen, *Sitzungsberichte der Akademie der Wissenschaften, Wien, mathematische-naturwissenschaftliche Klasse, Abteilung, IIa*, **129**, 929-952. [dune or abt 1, 1921 ??]
- Exner, F.M. 1921. Dünen und Mäander, Wellenformen der festen Erdoberfläche, deren Wachstum und Bewegung, *Geografiska Annaler*, **3**, 327-335. [dune]
- Exner, F.M. 1925. Über die Wechselwirkung zwischen Wasser und Geschiebe in Flüssen, *Sitzungsberichte der Heidelberger Akademie der Wissenschaften*, (Wien), heft 3-4. 165-180. [or Pt II a Bd. 134 ?? dunelog]
- Exner, F.M. 1927. Über Dünen und Sandwellen, *Geografiska Annaler*, **9** (1), 81-89. [dune]
- Exner, F.M. 1928. Dünenstudien auf der Kurischen Nehrung, *Sitzungsberichte der Akademie von Wissenschaften im Wien, Abhandlungen, IIa*, **137**, 705-739. [dune codn sdmo]
- Exxon Corporation Inc., Ed. 1969. Libya plans to profit from its sand dunes, *Jersey Feature Service*, **21**, 6 pp. [dnuse abstract in Busche *et al.* 1984]
- Eymann, J.R. 1953. *A study of sand dunes in the Colorado and Mojave Deserts*, unpublished M.S. dissertation, University of California, 91 pp. [abstract in Busche *et al.* 1984]
- Fabiao, A., Madeira, M. and Steen, E. 1987. Root mass in plantations of *Eucalyptus globulus* in Portugal in relations [sic] to soil characteristics, *Arid Soil Research and Rehabilitation*, **1**, 185-194. [dnsol dnveg]
- Fagotto, F. 1987. Sand-dune fixation in Somalia, *Environmental Conservation*, **14** (2), 157-163. [dnuse codn]
- Fairbridge, R.W. 1950. The geology and geomorphology of Point Perron, eastern Australia, *Journal of the Royal Society of Western Australia*, **34**, 35-72. [codn ? dnbed ?]
- Fairbridge, R.W. and Johnson, D.L. 1978. Eolianites, in *Encyclopedia of sedimentology*, Eds. Fairbridge, R.W. and Bourgeois, J., Dowden Hutchinson and Ross, Stroudsburg, PA, 279-282. [dnbed codn]
- Fairbridge, R.W. and Teichert, C. 1948. The Low Isles of the Great Barrier Reef, *Geographical Journal*, **111** (1), 67-88. [codn]
- Fairbridge, R.W. and Teichert, C. 1953. Soil horizons and marine bands in the coastal limestones of Western Australia, *Journal and Proceedings of the Royal Society of New South Wales*, **86**, 68-86. [codn dnsol dnbed]
- Fairchild, C.I. and Tillery, M.I. 1982. Wind tunnel measurements of the resuspension of ideal particles, *Atmospheric Environment*, **16**, 229-238. [dust wnerop sdmo]
- Fairchild, H.L. 1920. Musical sands, *Science*, **51** (1307), 62-64.
- Fakhrutdinov, F.F. 1968. Fixation and afforestation of shifting sands in central Ferghana (in Russian), *Khlopkovodstvo*, **10**, 30-31. [dnuse]

Falke, H., Ed. 1972. *Rotliegend: essays on European Lower Permian, International Sedimentary Petrology Series*, **15**, Brill, Leiden, 299 pp. [dnbed]

FAO see Food and Agriculture ...

Farrington, P. 1988. The seasonal growth of lovegrass (*Eragrostis curvula*) on deep sandy soils in a semi-arid environment, *Australian Journal of Experimental Agriculture and Animal Husbandry*, **13** (63), 382-388. [dnveg dveg]

Fazilov, T.I. 1972. Protection of railway tracks from sand drifts through fixatives, *Problems of Desert Development*, (3), 84-87. [dnuse]

Fazilov, T.I. 1976. The theory of protecting railroads from sand drifts using binding substances, *Problemy Osvoeniya Pustyn*, (4), 164-172. [dnuse or (3-4) ?? abstract in Busche *et al.* 1984]

Fazilov, T.I. 1977. The experience of shifting sands fixation with binding substances. Sands drifts control on railroads, *Sb. Nauchn. Trudy, Tashkent, IIZHT*, **139**, 3-9. [dnuse]

Fazilov, T.I. 1981. Protection of Isatai station against sand encroachment (in Russian, English abstract), *Problemy Osvoeniya Pustyn*, (1), 73-76. [dnuse abstract in Busche *et al.* 1984]

Fedorovich, B.A. 1940. Some fundamental considerations on the origin and development of sandy relief (in Russian, English summary), *Academy of Sciences, USSR, Geography and Geophysics*, Series **6**, 885-910. [dune abstract in Busche *et al.* 1984]

Fedorovich, B.A. 1948. The relief of Asian sands as a reflection of atmospheric circulation processes, *Problemy Fizicheskoi Geografii*, Series 6, **13**, 91-109. [dune]

Fedorovich, B.A. 1948. La question de l'origine et la morphogenèse du relief sableux des déserts, *Akademii Nauk SSSR, Institut Geografii, Vestnik*, **39**, 160-183. [dune]

Fedorovich, B.A. 1954. *Le visage du désert*, Traduction par** [dune]

Fedorovich, B.A. 1955. The origin of the relief of present-day sand deserts, *18th International Geographical Congress*, Moscow, ** [dune]

Fedorovich, B.A. 1956. L'origine du relief des déserts de sables actuels, in *Essais de géographie, Leningrad and Moscow*, 117-129. [dune]

Fedorovich, B.A. 1963. Les types dynamiques du relief des sables comme fondement scientifique de la lutte contre les sables, *Bulletin de la Société hellénique de Géographie*, **4**, 162-171. [dnuse dune]

Fedorovich, B.A. 1970a. Intensity of present day eolian processes in the deserts of the USSR (in Russian), in *Sovremennyye Ekzogennyye Protsessy Rel'yefoobrazovania*, (Materialy **VII** Plenuma Geomorfologicheskoy Komissii Akademii Nauk, USSR), Izdatel'stvo Akademii Nauk, Moscow, 149-159. [dune]

Fedorovich, B.A. 1970b. Principal eolian processes controlling relief development in sand deserts (in Russian), *Akademii Nauk SSSR, Izvestiya Seriya Geograficheskaya*, **1**, 9-16. [dune]

Fedorovich, B.A. 1974. Wind action (in Russian), in *Obschaya Geologiya: Ekzogennyye Protsessy*, Izd. Prosveshcheniye, Moscow, 100-113. [dune]

Felix-Henningson, P. 1984. Zur Relief und Bodentwicklung der Goz-Zone nordkordofans im Sudan, *Zeitschrift für Geomorphologie*, NF **28** (3), 285-304. [stbdn dsol]

- Fenley, J.M. 1948. Sand dune control in Les Landes, France, *Journal of Forestry*, **46**, 514-520. [codn dnuse
- Fent, O.S. 1950. Geology and groundwater resources of Rice County, Kansas, *Bulletin of the State Geological Survey of Kansas*, **85**, University of Kansas, 142 pp. [stbdn dnhyd
- Feray, D.E., Woodard, D. and Dahl, B. 1970. *Use of grasses for dune stabilization along the Gulf coast*, Gulf Universities Research Consortium, Galveston, TX, ... [dnuse dnveg
- Fernald, A.T. 1960. Geomorphology of the upper Kuskokwim region, Alaska, *Bulletin of the United States Geological Survey*, **1071-G**, 191-279. [stbdn abstract in Niessen, *et al.* 1964
- Fernald, A.T. 1964. Surficial geology of the Kobuk River Valley, Alaska, *Bulletin of the United States Geological Survey*, **4**, 162-171. [dune stbdn abstract in Niessen, *et al.* 1984 or **1191-K**, 31 pp. ??
- Fernald, A.T. 1965. Recent history of the upper Tanana River lowland, Alaska, *United States Geological Survey, Professional Paper*, **525-C**, 124-127. [stbdn abstract in Niessen, *et al.* 1984
- Fernald, A.T. and Nichols, D.R. 1953. Active sand dunes in the Kobuk River valley, northwestern Alaska (abstract), *Bulletin of the Geological Society of America*, **64** (12), 1421. [stbdn abstract in Niessen, *et al.* 1984
- Field, M.E.H., Nelson, H.C., Cacchione, D.A. and Drake, D.E. 1981. Sand waves on an epicontinental shelf: northern Bering Sea, *Marine Geology*, **42**, 233-258. [dunelog
- Fieller, N.R.J. and Gilbertson, D.D. 1985. Skew log Laplace distributions and the discrimination of shoreline environments at Dawlish Warren, Devon, *Proceedings of the Ussher Society*, **6**, 271-272. [sand
- Fieller, N.R.J., Gilbertson, D.D. and Olbricht, W. 1984. A new method for the environmental analysis of particle size data from shoreline environments, *Nature*, **311**, 648-651. [sand
- Filion, L. 1984. A relationship between dunes, fire and climate recorded in the Holocene deposits of Quebec, *Nature*, **309** (5968), 543-546. [dnuse
- Filion, L. 1987. Holocene development of parabolic dunes in the central St. Lawrence Lowland, Quebec, *Quaternary Research*, **28** (2), 196-209.
- Filion, L. and Marin, P. 1988. Morphological modifications in white spruce (*Picea glauca*) exposed to aeolian sedimentation in dunes of subarctic Quebec, *Canadian Journal of Botany*, **66** (9), 1862-1869. [codn ? dnveg
- Filion, L. and Morisset, P. 1983. Eolian landforms along the eastern coast of Hudson Bay, Northern Quebec, *Nordicana*, **47**, 73-94. [codn
- Fink, L.K. and Smith, M.M. 1974. Stabilizing the Ogunquit dunes, is it best for the beach ? *Maine Environment, Bulletin of Natural Resources Council of Maine*, **1974**, 1-5. [codn dnuse
- Fink, W. and van der Piepen, H. 1974. Image processing methods facilitating information extraction, *South African Journal of Science*, **70**, 370-374. [dune
- Finkel, H.J. 1959. The barchans of southern Peru, *Journal of Geology*, **67** (6), 614-647. [dune abstract in Busche *et al.* 1984
- Finkel, H.J. 1961. Movement of barchan dunes measured by aerial photography, *Photogrammetric Engineering*, **27** (3), 439-444.

- Finlan, C.A. 1987. *The effects of particle shape and size on the entrainment and transport of sediment by wind*, unpublished M.S. dissertation, University of Guelph, ** [sdmo]
- Finney, E.A. 1934. Snow control on highways, *Bulletin of the Michigan Engineering Experimental Station*, **57**, East Lansing, Michigan, ** [dnuse sdmo]
- Finney, E.A. 1939. Snowdrift control by highway design, *Bulletin of the Michigan Engineering Experimental Station*, **86**, East Lansing, Michigan, ** [dnuse sdmo]
- Firman, J.B. 1982. Regional stratigraphy of Australian dune fields, in *Quaternary dust mantles in China, New Zealand and Australia*, Ed. Wasson, R.J., Department of Biogeography and Geomorphology, Australian National University, Canberra, 201-210. [dnbed]
- Fisher, J.J. 1982. Barrier islands, in *The encyclopedia of beaches and coastal environments*, Ed. Schwartz, M.L., Hutchinson Ross, Stroudsburg, PA, 124-133. [codn]
- Fisher, P.F. and Galdies, P. 1988. A computer model for barchan dune movement, *Computers and Geosciences*, **14** (2), 229-253.
- Fisk, H.H. 1959. Padre Island and the Laguna Madre flats, coastal South Texas, in *2nd Coastal Geography Conference*, Ed. Russell, R.J., National Academy of Sciences, Washington, DC, 103-151. [stbdn]
- Fitzner, R. 1939. Die Entstehung der Dünenlandschaften in der Sahara, *Geografiska Annaler*, **40** (1), 36-38. [dune]
- Flamand, G.B.M. 1899. La traversée de l'erg occidental (grands dunes du Sahara oranais), *Annales de Géographie*, **9**, 231-241.
- Fleck, B.G. 1967. Sand drift control along the sewage effluent pipeline, North Cronulla, *Journal of the Soil Conservation Service of New South Wales*, **23**, 29-34. [dnuse codn]
- Fleck, B.G. 1975. Dune erosion, sand drift control and community effort - Gallala Beach, *Journal of the Soil Conservation Service of New South Wales*, **31**, 19-24. [dnuse codn]
- Flemal, R.C., Odom, I.E. and Vail, R.G. 1972. Stratigraphy and origin of the paha topography of northwestern Illinois, *Quaternary Research*, **2**, 232-243. [stbdn]
- Fleming, J.A. 1919. *Waves and ripples in water, air and aether*, **, London, ** [dune ?]
- Flemming, B.W. 1980. Sand transport and bedform patterns on the continental shelf between Durban and Port Elizabeth, *Sedimentary Geology*, **26**, 179-206. [dunelog]
- Flemming, N.C. 1965. Form and function of sedimentary particles, *Journal of Sedimentary Petrology*, **35** (2), 381-390. [sand]
- Flenley, E.C. 1985. Use of mixture distributions in the modelling of sand particle sizes, *Proceedings of the International Workshop on the Physics of Blown Sand*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir* **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, Denmark, 633-648. [sand]
- Flenley, E.C., Fieller, N.R.J. and Gilbertson, D.D. 1987. The statistical analysis of 'mixed' grain size distributions from aeolian sands in the Libyan Pre-Desert using log skew Laplace models, in *Desert sediments: ancient and modern*, Eds. Frostick, L.E. and Reid, I., *Special Publication*, **35**, Geological Society of London, Blackwell, Oxford, 271-280. [geol e 58 fro]

- Fletcher, B. 1976. The erosion of dust by an airflow, *Journal of Physics. D. Applied Physics*, **9**, 913-924. [werner wind sdmo]
- Fletcher, J. and Hangartner, R. 1962. Oldonyo Lengai, *Tanganyika Notes and Records*, **58**, 116. [dune ash if so v brief]
- Flint, R.F. 1959. Pleistocene climates in eastern and southern Africa, *Bulletin of the Geological Society of America*, **70** (3), 343-371. [stbnd]
- Flint, R.F. and Bond, G. 1968. Pleistocene sand ridges and pans in western Rhodesia, *Bulletin of the Geological Society of America*, **79** (3), 299-314. [stbnd]
- Florek, W. 1975. Granulometric characteristics of sediments building the Przygodzice dune in the east part of Odolanow basin (in Polish), *Badania Fizygeograficzne nad Polska Zachodnia, Seria A, Geografia Fizyczna*, **28**, 75-94. [sand stbnd]
- Florek, W. 1980. Inner structure and granulation of deposits forming Trzcielina and Przygodzice dunes in eastern part of the Odolanow basin, in *Prace Studia Geograficzne* **2**, Eds. Kurlinski, A., *et al.*, Warsaw University Press, 125-144. [sand dnbed abstract in Busche *et al.* 1984]
- Florensky, C.P., Ronca, L.B., Basilevsky, A.T., Burba, G.A., Nikolaeva, O.V., Pronin, A.A., Trakhtman, A.M., Volkov, V.P. and Zaretsky, V.V. 1976. The surface of Venus as revealed by Soviet Venera 9 and 10, *Bulletin of the Geological Society of America*, **88** (11), 1537-1545. [dune ? wnerof sdmo ripple]
- Flores, R.M. and Shidler, G.L. 1982. Discriminant analysis of heavy minerals in beach and dune sediments of the Outer Banks, North Carolina, *Bulletin of the Geological Society of America*, **93** (5), 409-413. [sand codn]
- Floyer, E.A. 1897. Notes on Mr. V. Cornish's paper on sand dunes, *Geographical Journal*, **11** (5), 559-563.
- Folk, R.L. 1962. Of skewness and sands, *Journal of Sedimentary Petrology*, **32** (1), 145-146.
- Folk, R.L. 1969. Grain shape and diagenesis in the Simpson desert, Northern Territory, Australia (abstract), *Geological Society of America, Abstracts with Programs for 1969*, (7) 68-69. [sand]
- Folk, R.L. 1971a. Longitudinal dunes of the northwestern edge of the Simpson Desert, Northern Territory, Australia, 1. Geomorphology and grain size relationships, *Sedimentology*, **16** (1), 5-54. [abstract in Busche *et al.* 1984]
- Folk, R.L. 1971b. Genesis of longitudinal and oghround dunes elucidated by rolling upon grease, *Bulletin of the Geological Society of America*, **82** (12), 3461-3468. [dune abstract in Busche *et al.* 1984]
- Folk, R.L. 1974. *Petrology of sedimentary rocks*, 2nd Edition, Hemphills, Austin, Texas, 170 pp. [1976 ?? sand geog 53 DJN/Fol]
- Folk, R.L. 1976a. Rollers and ripples in sand, streams and sky: rhythmic alteration of transverse and longitudinal vortices in three orders, *Sedimentology*, **23** (5), 649-669. [reply by Leeder **24**, 1977 dune]
- Folk, R.L. 1976b. Reddening of desert sands, Simpson Desert, Northern Territory, Australia, *Journal of Sedimentary Petrology*, **46** (3), 604-615. [dnsol]
- Folk, R.L. 1977a. Longitudinal ridges with tuning-fork junctions in the laminated interval of flysch beds: evidence of low-order helical flow in turbidites, *Sedimentary Geology*, **19** (1), 1-6.
- Folk, R.L. 1977b. Folk's bedform theory - reply, *Sedimentology*, **24** (6), 864-874. [dune]

- Folk, R.L. 1977c. Stratigraphic analysis of the Navajo Sandstone: a discussion, *Journal of Sedimentary Petrology*, **47** (1), 483-484. [dnbed
- Folk, R.L. 1978. Angularity and silica coatings of Simpson Desert sand grains, Northern Territory, Australia, *Journal of Sedimentary Petrology*, **48** (2), 611-624.
- Folk, R.L. and Ward, W.C. 1957. Brazos River bar: a study in the significance of grain-size parameters, *Journal of Sedimentary Petrology*, **27** (1), 3-26. [sand abstract in Busche *et al.* 1984
- Fontell, C. 1926. Vegetationen som bindare av flygsanden på borra Europas kuster, *Terra*, **38** (4), 171-187. [codn dnveg
- Food and Agriculture Organization of the United Nations (FAO) 1968. *Seminar on Heathland and Sand Dune Silviculture*, **CF08799**, Denmark, FAO, Rome, ** [dnuse
- Food and Agriculture Organization of the United Nations (FAO) 1975e. *Sandy soils, Report of the FAO/UNDP seminar on reclamation and management of sandy soils*, *FAO Soils Bulletin*, **25**, FAO, Rome, 245 pp. [dnsol dsol
- Food and Agriculture Organization of the United Nations (FAO) 1985. *Sand dune stabilization, shelterbelts and afforestation*, *FAO Conservation Guide*, **10**, FAO, Rome, ** [dnuse
- Food and Agriculture Organization of the United Nations (FAO) 1988. *Stopping the sands in Morocco and beyond, Forestry Project Profile*, FAO, Rome, ** [also *Unasyuva*, **40** (159), ** dnuse dnveg
- Food and Agriculture Organization of the United Nations (FAO) / Danish International Development Agency (DANIDA) 1974. *Report on the FAO/DANIDA inter-regional training centre on heathland and sand dune afforestation*, Denmark and Libya, 26 August to 21 September 1973. FAO, Rome, 239 pp. [dnuse
- Food and Agriculture Organization of the United Nations and Forestry Département Ministère du Développement Rural, Direction de la Protection de la Nature, Mauritanie 1986. *Programme de stabilisation et de fixation des dunes en République islamique de Mauritanie. Evaluation socio-économique et Financière de la 1^{ère} Phase, 1983-1986. I. Rapport Principal. II. Annexes; III. Photo-Interpretation des Modes d'Occupation de l'Espace de Cinq Sites-Echantillon*, UN Doc. **FAO-FO--072**, FAO, Rome, ** [dnuse
- Fookes, P.G. 1976a. Road geotechnics in hot deserts, *Journal of the Institute of Highway Engineers*, **23**, 11-23. [dnuse?
- Fookes, P.G. 1976b. Middle East - inherent ground problems, in *Conference on Engineering Problems*, Geological Society of London, November, 7-23. [dnuse
- Fookes, P.G. 1978. Middle East: inherent ground problems, *Journal of Engineering Geology*, **11**, ** [dnuse
- Forchhammer, ** ** *Geognostische Studien am Meeres-Ufer*, ** [quoted in G.P.Marsh, *Man and nature*, p 394. lore about codn esp pp. 1-38
- Ford, E.F. 1957. The transport of sand by wind, *Transactions of the American Geophysical Union*, **38** (2), 171-174. [sdmo abstract in Busche *et al.* 1984
- Forrest, J. and Clark, N.R. 1989. Characterising size distributions: evaluation of a new approach using a multivariate extension of entropy analysis, *Sedimentology*, **36** (4), 711-722. [sand
- Forster, S.M. 1989. Microbial aggregation of sand in an embryo dune system, *Soil Biology and Biochemistry*, **11**, 537-543. [codn dnsol sdmo

- Forster, S.M. and Nicholson, T.H. 1981a. Aggregation of sand from a maritime embryo dune, *Soil Biology and Biochemistry*, **13**, 199-203. [codn dnsol dnveg sdmo]
- Forster, S.M. and Nicholson, T.H. 1981b. Microbial aggregation of sand in a maritime dune succession, *Soil Biology and Biochemistry*, **13**, 205-208. [or 1980 ?? codn dnsol sdmo or Foster ??]
- Foster, S.S.D., Bath, A.H., Far, J.L. and Lewis, W.J. 1982. The likelihood of active groundwater recharge in the Botswana Kalahari, *Journal of Hydrology*, **55** (1-4), 113-136. [stbdn dnhyd abstract in Busche *et al.* 1984]
- Foureau, F. 1903. Quelques considérations sur les dunes et les phénomènes éoliens, *Documents scientifiques*, **2**, Mission saharien. 213-237.
- Fowler, D. and Koch, D. 1982. The Great Basin, in *Reference handbook of the deserts of North America*, Ed. Bender, G.L., Greenwood, Westport, Connecticut, 7-66. [dune ?]
- Francis, J.R.D. 1973. Experiments on the motion of solitary grains along the bed of a stream of water, *Proceedings of the Royal Society of London*, **A 332** (1591), 443-471. [sdmo]
- Frank, F.J. 1970. *Groundwater resource of the Clatsop Plains sand dune area, Clatsop County, Oregon, United States Geological Survey, Water-Supply Paper*, **1899-A**, 41 pp. [codn dnhyd]
- Frank, R. 1982. A Holocene peat and dune-sand sequence on the coast of north-east England: a preliminary report, *Quaternary Newsletter*, **36**, 24-32. [codn]
- Frankel, J.J. and Scogings, D.A. 1960. The air photographic record of a desertina and dongas on the north coast of natal, South Africa, *Revue de Geomorphologie dynamique*, **11**, 113-118. [dune]
- Franzén, L.G. 1989. Experimental studies of eolian erosion on a dune sand surface protected by an artificial crust, *Zeitschrift für Geomorphologie*, NF **33** (3), 355-360. [dnuse sdmo]
- Franzmeier, D.P. 1970. Particle size sorting of proglacial eolian material, *Proceedings of the Soil Science Society of America*, **34** (6), 920-924. [sand]
- Frederick, E. 1932. The relation between dune form and wind direction, *Geologiska Föreningens i Stockholm Förhandlingar*, **59**, 19-59.
- Fredsøe, J. 1974a. On the development of dunes in erodible channels, *Journal of Fluid Mechanics*, **64** (1), 1-16. [dunelog]
- Fredsøe, J. 1974b. Rotational channel flow over small three-dimensional bottom irregularities, *Journal of Fluid Mechanics*, **66** (1), 49-66. [dunelog vol no ??]
- Fredsøe, J. 1979. Unsteady flow in straight alluvial streams: modification of individual dunes, *Journal of Fluid Mechanics*, **91** (3), 497-512. [dunelog]
- Fredsøe, J. 1981. Unsteady flow in straight alluvial streams. Part 2. Transition from dunes to plane bed, *Journal of Fluid Mechanics*, **102**, 431-453. [dunelog]
- Fredsøe, J. 1982. Shape and dimensions of stationary dunes in rivers, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **108** (HY8), 932-947. [dunelog]
- Fredsøe, J. 1986a. Formation of ripples, dunes and anti-dunes in river beds, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 327-343. [geog xf 22 phi dunelog]

- Fredsøe, J. 1986b. Shape and dimensions of dunes in open channel flow, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 385-397. [geog xf 22 phi dunelog
- Fredsøe J. and Engelund, F. 1975. Bed configurations in open and closed alluvial channels, *ISVA Technical University, Series Paper*, Denmark, **8**, ** [dunelog
- Free, E.E., Ed. 1911. The movement of soil material by the wind, *Bulletin*, **68**, the Bureau of Soils, United States Department of Agriculture, 337 pp. [sdmo
- Freeman, W.R. and Visher, G.S. 1975. Stratigraphic analysis of the Navajo Sandstone, *Journal of Sedimentary Petrology*, **45** (3), 651-668. [dnbed
- Freitag, H. 1971. Die natürlich Vegetation Afghanistans: Beiträge zur Flora und vegetation Afghanistans. I., *Vegetatio*, **22** (4-5), 285-344. [dnveg
- Frere, H.B.E. 1870. Notes on the Runn of Cutch and neighbouring regions, *Journal of the Royal Geographical Society, London*, **40**, 181-207. [dune, Sir H. Bartle E.
- Frey, W. and Probst, W. 1974. Vegetationsalantische Untersuchungen im Dünengebiet bei Babolsar (Kaspisches Meer, Iran), *Botanische Jahrbücher für Systematik Pflanzengeschichte und Pflanzengeographie*, **94** (1), 96-113. [dnveg codn ?
- Friedberg, W. 1907. Note sur les dunes de la plaine de Rzeszów (Polish, French abstract), *Kosmos*, **32**, 215-218. [stbdn
- Friedman, G.M. 1961. Distinction between dune, beach and river sands from their textural characteristics, *Journal of Sedimentary Petrology*, **31** (4), 514-529. [abstract in Busche *et al.* 1984
- Friedman, G.M. 1962. On sorting, sorting coefficients and the lognormality of the grain-size distributions in sandstones, *Journal of Geology*, **70** (6), 737-753. [Discussion by Middleton, G.V., *Ibid.*, **70** (6), 1962. 754-755.
- Friedman, G.M. 1966. Textural parameters of beach and dune sands, *Abstracts, Geological Society of America, Special Papers*, **87**, 60.
- Friedman, G.M. 1973. Textural parameters of sands - useful or useless ? *Geological Society of America, Abstracts with Program*, **5** (7), 626-627.
- Friedman, G.M. 1979. Differences in size distribution of populations of particles among sands of various origins, *Sedimentology*, **26** (1), 3-32.
- Friedman, G.M. and Sanders, J.E. 1978. *Principles of sedimentology*, John Wiley and Sons, New York, 792 pp. [sand dnbed
- Friedrich, G. 1977. *Dünen im nordwesteuropäischen Küstenbereich – Probleme ihrer Festlegung*, Staatsarbeit am geographischen Institut der Universität Würzburg, 93 pp. [dissertation dnuse
- Fristrup, B. 1953. High Arctic deserts, in *Déserts actuels et anciens, Comptes rendus du 19^e Congrès international de Géologie*, Alger, **7-9**, 91-100. [dune abstract in Niessen, *et al.* 1984 or 1952, **7** (7), ??
- Frith, F.M. 1971. *The dune complex at Camber Sands, Sussex*, unpublished Ph.D. dissertation, University of London, ** [codn sdmo or Firth ??
- Froidefond, J.-M. 1985. *Méthode de géomorphologie côtière. Application à l'étude de l'évolution du littoral Aquitain*, *Mémoire*, **18**, Institut géologique du Bassin de l'Aquitain, Bordeaux, 273 pp. [codn

Froidefond, J.-M., Duplantier, F. and Weber, O. 1982. Estimation and flux of the theoretical sedimentary volume displaced during the Holocene transgression on the Bayonne inner shelf (S.W.France), *Marine Geology*, **46** (1-2), 101-116. [codn sdm0

Froidefond, J.-M. and Legigan, Ph. 1985. La Grand Dune du Pilat et la progression des dunes sur le littoral Aquitain, *Bulletin de l'Institut géologique du Bassin de l'Aquitain*, Bordeaux, **38**, 69-79. [codn

Fryberger, S.G. 1978. *Techniques for the evaluation of surface wind data in terms of eolian sand drift*, United States Geological Survey, Open File Report, **78-405**, 25 pp. [dune

Fryberger, S.G. 1979a. Dune forms and wind regime, in *A study of global sand seas*, Ed. McKee, E.D., United States Geological Survey, Professional Paper, **1052**, 137-169.

Fryberger, S.G. 1979b. Eolian-fluviatile (continental) origin of ancient stratigraphic trap for petroleum in Weber Sandstone, Rangeley Oil Field, Colorado, *Mountain Geologist*, **16** (1), 1-36. [dnbed

Fryberger, S.G. 1980. Dune forms and wind regime, Mauritania, West Africa: implications for past climate, in *Sahara and surrounding seas*, Eds. Sarnthien, M., Siebold, E. and Rognon, P., *Palaeoecology of Africa*, **12**, Eds. Van Zinderen Bakker, E.M.Sr. and Coetzee, J.A., Balkema, Rotterdam, 79-96. [abstract in Busche *et al.* 1984

Fryberger, S.G. 1986. Stratigraphic traps for petroleum in wind-laid rocks, *Bulletin of the American Society of Petroleum Geologists*, **70**, (12), 1765-1776. [dnbed dnuse

Fryberger, S.G. and Ahlbrandt, T.S. 1979. Mechanisms for the formation of eolian sand seas, *Zeitschrift für Geomorphologie*, NF **23** (4), 440-460. [dune abstract in Busche *et al.* 1984

Fryberger, S.G., Ahlbrandt, T.S. and Andrews, S. 1979. Origin, sedimentary features and significance of low-angle eolian "sand sheet" deposits, Great Sand Dunes National Monument and vicinity, Colorado, *Journal of Sedimentary Petrology*, **49** (3), 733-746. [abstracts in Niessen, *et al.* 1984 and Busche *et al.* 1984

Fryberger, S.G., Al-Sari, A.M. and Clisham, T.J. 1983. Eolian dune, interdune, sand sheet, and siliclastic sabkha sediments of an offshore prograding sand sea, Dhahran area, Saudi Arabia, *Bulletin of the American Association of Petroleum Geologists*, **67** (2), 280-312. [aeolian

Fryberger, S.G., Al-Sari, A.M., Clisham, T.J., Rizvi, S.A.R. and Al-Hinai, K.G. 1981. *Dune advance, sand drift rates and wind regime, Eastern Province, Saudi Arabia, and applications for control of wind-driven sand*, unpublished report, Research Institute, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia, ** [dune dnuse sdm0

Fryberger, S.G., Al-Sari, A.M., Clisham, T.J., Rizvi, S.A.R. and Al-Hinai, K.G. 1984. Wind sedimentation in the Jafurah sand sea, Saudi Arabia, *Sedimentology*, **31** (3), 413-431. [dune

Fryberger, S.G. and Dean, G. 1979. Dune forms and wind regime, in *A study of global sand seas*, Ed. McKee, E.D., United States Geological Survey, Professional Paper, **1052**, 305-397. [abstract in Busche *et al.* 1984

Fryberger, S.G. and Goudie, A.S. 1981. Arid geomorphology, *Progress in Physical Geography*, **5** (3), 420-428. [dune brief abstract in Busche *et al.* 1984

Fryberger, S.G. and Koelmel, M.H. 1986. Rangely Field: eolian system-boundary trap in the Permo-Pennsylvanian Weber Sandstone of northwest Colorado, *Rocky Mountain Geologists' Symposium*, 129-149. [dnbed dnuse

Fryberger, S.G. and Schenk, C. 1981. Wind sedimentation tunnel experiments on the origins of aeolian strata, *Sedimentology*, **28** (6), 805-821. [dnbed abstract in Busche *et al.* 1984

- Fryberger, S.G. and Schenk, C. 1988. Pin stripe lamination: a distinctive feature of modern and ancient eolian sediments, *Sedimentary Geology*, **55** (1), 1-16. [dnbed]
- Fryberger, S.G., Schenk, C. and Krystinik, L.F. 1988. Stokes surfaces and the effects of near-surface groundwater-table on aeolian deposition, *Sedimentology*, **35** (1), 21-41. [dnbed]
- Fryxell, R. 1966. ** dunes in Palouse **, *Geological Society of America, Annual Meeting*, **, 74. [stbnd]
- Fuchs, M. 1979. Atmospheric transport processes above arid land vegetation, in *Arid-land ecosystems: structure, functioning and management*, Eds. Goodall, D.W. and Perry, R.A., **1**, Cambridge University Press, Cambridge, 393-408. [sdmo]
- Fujita, T. 1967. Note on sand dunes, *Earth Resources Surveys from Spacecraft*, **2**, Appendix 1, United States Army Corps of Engineers / National Aeronautics and Space Administration (NASA), Washington, DC, ** [or Fujita ?? geol a 9 nat ?]
- Fulfaro, V.J. and Torquato, J.R. 1975. Consideracoes sobre o Cenozoico de Angola, Africa, *Boletim*, **6**, Instituto de Geociencias, Universidade de Sao Paula, 85-93. [stbnd ?]
- Full, W.E., Ehrlich, R. and Kennedy, S.K. 1984. Optimal configuration content of sets of frequency distributions, *Journal of Sedimentary Petrology*, **54** (1), 117-126. [sand]
- Full, W.E., Ehrlich, R. and Klován, J.E. 1981. EXTENDED Q-MODEL: objective definition of external end members in the analysis of mixtures, *Journal of Mathematical Geology*, **13**, 331-344. [sand]
- Fuller, M.L. 1899. Season and time elements in sand plain formation, *Journal of Geology*, **7**, 425-462. [dune?]
- Funnell, B.M. and Pearson, I. 1989. Holocene sedimentation on the North Norfolk barrier coast in relation to relative sea-level change, *Journal of Quaternary Science*, **4** (1), 25-36. [codn]
- Fürst, M. 1965. Hamada-Serir-Erg, *Zeitschrift für Geomorphologie*, NF **9** (4), 385-421. [dune]
- H.U.G (C.F.) 1916. Formation of dust ripples, *Nature*, **97** (2443) 520.
- Gabay, V.S. 1965. Polyacrylamide and shifting sands fixation, *Vestnik Sel'skohkhozyaistvennoi Nauki*, (7), 33-38. [dnuse glue or Gabai ??]
- Gabay, V.S., Podgornov, A.S. and Shamshina, V.A. 1973. *Recommendations on the use of Nerosine for the fixing and planting on shifting sands in semi-desert* (in Russian), Vnialmi, Volgograd, 13 pp. [glue dnuse or Gabai ??]
- Gabriel, A. 1957. Zur Oberflächengestaltung der Pfannen in Trockenraumen zentralpersiens, *Mitteilungen der geographische Gesellschaft, Wien*, **99** (2-3), 146-160. [or: 1958, *Festschrift 60, Lebensjahres*, Spreitzer, Wien, 42-57. dune ?]
- Gabriel, A. 1964. Die Auswirkungen vertikaler Luftströmungen und elektrischer Spannungsfelder in kahlen Sanded, *Mitteilungen der geographischen Gesellschaft, Wein*, **107** (3), 125-127. [sdmo abstract in Busche *et al.* 1984. Dune formed by turbulent eddies and electrified sand !]
- Gabriel, B. 1979. Ur und Gruhgeschichte als Hilfswissenschaft der Geomorphologie um ariden Nordafrika, in *Festschrift für Wolfgang Meckelein*, Eds. Borchardt, C. and Grotz, R., *Stuttgarter geographische Studien*, **93**, 135-148. [dune? abstract in Busche *et al.* 1984]

- Gabriels, D. and De Boodt, M. 1980. Evaluation of soil conditioners for water erosion control and sand stabilization, in *Assessment of erosion*, Eds. De Boodt, M. and Gabriels, D., John Wiley and Sons, Chichester, 341-348. [dnuse geog f 50 boo glue
- Gabriels, D., De Boodt, M. and Minjauw, D. 1974. Dune sand stabilization with synthetic soil conditioners: a laboratory experiment, *Soil Science*, **118** (5), 332-228. [dnuse glue
- Gad-el-Hak, M., Howard, A.D., Morton, J.B. and Pierce, D. 1975. *Interpretation of surface features and surface processes on Mars*, Research Laboratories for the Engineering Sciences, University of Virginia, Charlottesville, VA, 39 pp. [dune
- Gad-el-Hak, M., Pierce, D., Howard, A. and Morton, J.B. 1976. *Interactions of unidirectional winds with an isolated barchan sand dune*, School of Engineering and Applied Science, Virginia University, Charlottesville, VA, **UVA/528035/ES76/102**, 109 pp.
- Gadgil, R.L. 1971. The nutritional role of *Lupinus arboreus* in coastal sand dune country, *Plant and Soil*, **34**, 357-367; 575-593. [dnveg Ruth, NZ
- Gael, A.G. 1988. Sandy soils of different age in the arid regions of the USSR (first report), *Problems of Desert Development*, (1), 1-8. [dnsol stbdn
- Gage, B.O. 1970. *Experimental dunes of the Texas coast*, *Miscellaneous Paper*, **1-70**, United States Army, Corps of Engineers, Coastal Engineering Research Center, 33 pp. [dnuse abstract in Busche *et al.* 1984
- Gagliano, S.M. 1970. Eolian sand sheets of Peruvian coastal desert (abstract), *Bulletin of the American Association of Petroleum Geologists*, **54** (5), 847-848. [dune
- Galander, P.M. 1963. Öl gegen Dürre und Dünen, *Esso Magazin*, **15** (3), 20-25. [dnuse early use of oil for fixation glue
- Gale, R.W. 1979. Coast and beach protection in Queensland, Australia, *Shore and Beach*, **47** (1), 2-6. [codn dnuse abstract in Busche *et al.* 1984
- Gale, R.W. and Barr, D.A. 1977. *Vegetation and coastal sand dunes*, *Beach Conservation*, **28**, Beach Protection Authority of Queensland, Brisbane, ** pp. [codn dnveg
- Gallois, J.-P. 1965. La lutte contre l'ensablement, *Revue d'Information de l'Organisme saharien*, **17**, Alger, 13 pp. [dnuse
- Galloway, J.J. 1919. The rounding of sand grains by solution, *American Journal of Science*, (4th series, **47**), **197**, (280), 270-280.
- Galloway, J.J. 1922. Value of the physical characteristics of sand grains in interpreting the origin of sandstones (abstract), *Bulletin of the Geological Society of America*, **33**, 104-105.
- Galloway, J.P. 1982. Grain-size analysis of twenty eolian sand samples from northern Alaska, in *United States Geological Survey in Alaska, accomplishments during 1980*, *United States Geological Survey, Circular*, **0844**, 51-53.
- Galloway, J.P. and Koster, E.A. 1984. Comparison of grain-size characteristics from two northern Alaskan dunefields, in *The United States Geological Survey in Alaska: accomplishment during 1981*, *United States Geological Survey, Circular*, **868**, 20-21. [sand
- Galloway, J.P., Koster, E.A., Hamilton, T.D. and Cox, G.W. 1985. Discussion: cemented horizon in subarctic Alaskan sand dunes, *American Journal of Science*, **285** (2), 186-191. [dsol

- Galloway, R.W., Storey, R., Cooper, R. and Yapp, G.A. 1980. *Coastal lands of Australia, Technical Memorandum*, **80**, Commonwealth Industrial and Scientific Organization, (CSIRO), Division of Land Use Research, 24 pp. [codn]
- Galloway, W.E. and Hobday, D.K. 1983. *Terrigenous clastic depositional systems*, Springer-Verlag, New York, 423 pp. [dune dnbed ?]
- Galon, R., Ed. 1958. *Wydmy srodladowe Polski*, PWN, Warszawa, ** pp. [stbndn dune date ??]
- Galon, R. 1959a. Sur les dunes continentales en Pologne (in Polish), in *Wydmy srodladowe Polski, Cz.*, **1**, Ed. Galon, R., PWN, Warszawa, 13-30. [stbndn or 1958 ??]
- Galon, R. 1959b. New investigations of inland dunes in Poland, *Przegląd Geograficzny, Supplement*, **31**, 93-110. [stbndn or 62-110 ?? abstract in Niessen, *et al.* 1984 in English !]
- Galon, R., Ed. 1969a. *Dune processes and forms in Poland* (in Polish, English abstract), Polskiej Akademii Nauk, Instytut Geografii, *Prace Geograficzne*, Warsaw, **75**, 386 pp. [stbndn abstract in Niessen, *et al.* 1984]
- Galon, R. 1969b. On actual problematics about inland dunes in Poland (in Polish, English abstract), in *Dune processes and forms in Poland*, Ed. Galon, R., Polskiej Akademii Nauk, Instytut Geografii, *Prace Geograficzne*, Warsaw, **75**, 9-17. [stbndn or problems of inland dunes in Poland, 11-17 ??]
- Gangbaine, S.L. 1984. *La lutte contre l'ensablement et la désertification dans la vallée du Draa, sud-est Marocain, Province de Ouarzatte. Bilan général de lutte*, Mémoire, Rabat, 222 pp. [dnuse]
- Ganssen, R.H. 1931. Beobachtungen an Kiefernböden und Meersdünen der Insel Wollin, *Mitteilungen der Forstwirt. Forstwiss. Hannover*, **2** (2), 5-50. [codn dnsol]
- Ganssen, R. 1960. Boden und Landschaft in Südwestafrika, *Transactions of the 7th International Congress of Soil Science*, Madison, Wisconsin, **4**, 49-55. [dnsol]
- Ganssen, R. 1971. Die Boden, in *Die Sahara und ihre Randgebiete*, Ed. Schiffers, H., Munich Weltforum Verlag, **1**, 389-404. [dnsol]
- Ganssen, R. and Moll, W. 1961. Beiträge zur kenntnis der boden warm-arider gebiete, dargestellt am beispiel Südwestafrika, *Zeitschrift für Pflanzenernährung, Düngung und Bodenkunde*, **94**, 9-25. [dnsol]
- García-Novo, F. 1979. The ecology of vegetation of the Doñaña National Park (S.W. Spain), in *Ecological processes in coastal environments*, Eds. Jefferies, R.L. and Davy, A.J., Blackwell, Oxford, 571-592. [codn biol b 6 bri]
- García-Novo, F., Ramirez-Diaz, L. and Torres-Martinez, A. 1975. *El sistema de dunas de Doñaña*, Publ., **5**, ICONA, Ministerio di Agricultura, Madrid, 56 pp. [codn]
- García-Novo, F., Ramirez-Diaz, L. and Torres-Martinez, A. 1976. El sistema de dunas de Doñaña, *Natural Hispan.*, **5**, 1-56. [codn]
- Garde, G. 1909. Aperçu géologique sur les régions situées à l'est et nord-est du Tchad, *Comptes rendus de l'Académie des Sciences, Paris*, **148**, 1698-1900. [stbndn]
- Garde, G. 1911. *Entre le Niger et le Tchad*, **, Paris, ** pp. [stbndn ?]
- Garde, G. 1912. Sur l'âge des terrains sédimentaires du Sahara soudanaises, *Bulletin de la Société géologique de France*, 4ème Série, **12**, 356-359. [stbndn]

- Gardner, ** 1955. ** coastal dunes**, *Publication*, **28**, Australian Bureau of Mineral Resources ** pp. [codn]
- Gardner, D.E. 1955. *Beach-sand and heavy-mineral deposits of eastern Australia*, *BMR Bulletin*, **28**, 103 pp. [codn]
- Gardner, D.R. and Whiteside, E.P. 1952. Zonal soils in the transition region between the podzol and gray-brown podzolic region in Michigan, *Proceedings of the Soil Science Society of America*, **18**, 137-141. [dnsol lamellae]
- Gardner, G.J., Mortlock, A.J., Price, D.M., Readhead, M.L. and Wasson, R.J. 1987. Thermoluminescence and radiocarbon dating of Australian coastal dunes, *Australian Journal of Earth Science*, **34** (3), 343-35. [codn]
- Gardner, R.A.M. 1981a. *Geomorphology and environmental change in south India and Sri Lanka*, unpublished D.Phil. dissertation, University of Oxford, ** pp. [codn stbdn dnsol]
- Gardner, R.A.M. 1981b. Reddening of dune sands - evidence from southeast India, *Earth Surface Processes and Landforms*, **6** (5), 459-468. [dnsol abstract in Busche *et al.* 1984]
- Gardner, R.A.M. 1983a. Reddening of tropical coastal dune sands, in *Residual deposits*, Ed. Wilson, R.C.L., *Special Publication*, **11**, Geological Society of London, 103-115. [codn dnsol inst of arch ba 10]
- Gardner, R.A.M. 1983b. Aeolianite, in *Chemical sediments in geomorphology*, Eds. Goudie, A.S. and Pye, K., Academic Press, London, 265-300. [stbdn sand dnsol codn]
- Gardner, R.A.M. 1986. Quaternary coastal sediments and stratigraphy, southeast India, in *Man and environment*, Indian Society for Prehistoric and Quaternary Studies, **10**, 51-72. [dnsol codn]
- Gardner, R.A.M. 1988. Aeolianites and marine deposits of the Wahiba Sands: character and palaeoenvironments, in *Scientific results of the Royal Geographical Society's Oman Wahiba Sands project*, Ed. Dutton, R., *Journal of Oman Studies, Special Report*, **3**, 75-94. [dnbed codn dune]
- Gardner, R.A.M. and Pye, K. 1981. Nature, origin and palaeoenvironmental significance of red coastal and desert sand dunes, *Progress in Physical Geography*, **5** (4), 514-534. [dnsol abstract in Busche *et al.* 1984]
- Gardziel, Z. 1979. Dune formation of northern foreland of the Lublin upland (in Polish), *Annales Universitatis Mariae Curie-Sklodowska*, Section B, **34**, 123-142. [stbdn abstract in Busche *et al.*, 1984 annexe]
- Garelik, I.S., Gorodetskaya, M.Ye., Kozlova, A.Ye. and Fedyeva, N.V. 1976. Comparative informativeness of multizonal photographs in study of relief and landscapes in semi-desert and dry desert: a case study of the Turgay site, in *Issledovaniye prirodnoy sredy kosmicheskimi sredstvami: geobotanika, geomorfologiya, pochvovedeniye, sel'skokhozyaystvennyye ugod'ya, landschaftovedeniye*, Doklady Sovetskikh Uchenykh'na Soveshchaniy Spetsialistov Sotsialisticheskikh Stran po Distsionnomu Zondirovaniyu Zemli s Pomoshchyu Aerokosmicheskikh Sredstv, Vistni, Moscow, 85-97. [stbdn dune]
- Gares, P.A. 1983. Beach/dune changes on natural and developed coasts, *Coastal Zone '83*, American Society of Civil Engineers, New York, 1178-1191. [codn]
- Gares, P.A. 1987a. *Eolian sediment transport and dune formation on undeveloped and developed shorelines*, unpublished Ph.D. dissertation, Rutgers State University of New Jersey, ** pp. [codn sdmo]
- Gares, P.A. 1987b. Dune management for developed coasts, in *Cities on the beach*, Ed. Platt, R.H., Pelczarski, S.G. and Burbank, B.K.R., *Research Paper*, **224**, Department of Geography, University of Chicago, Chicago University Press, Chicago, 171-184. [codn dnuse]

- Gares, P.A. 1988. Factors affecting eolian sediment transport in beach and dune environments, *Journal of Coastal Research, Special Issue*, **3**, 121-126. [sdmo codn]
- Gares, P.A. and Nordstrom, K.F. 1987. Dynamics of a coastal foredune blowout at Islands Beach State Park, N.J., in *Coastal sediments '87*, American Society of Civil Engineers, New York, 213-21. [codn]
- Gares, P.A. and Nordstrom, K.F. 1988. Creation of dune swale blowouts by foredune accretion, *Geographical Review*, **78** (2), 194-204. [codn]
- Gares, P.A., Nordstrom, K.F. and Psuty, N.P. 1979. *Coastal dunes: their function, delineation and management*, Center for Coastal and Environmental Studies, Rutgers University, New Brunswick, NJ, 112 pp. [codn dnuse]
- Gares, P.A., Nordstrom, K.F. and Psuty, N.P. 1980. Delineation and implementation of a dune management district, *Proceedings of the Coastal Zone '80 Conference*, Hollywood Florida, 1269-1288. [codn dnuse]
- Garnier, J. 1891. Les dunes au Sahara, *Comptes rendus de la Société géographique français*, 114-115.
- Garrett, D.M. 1966. *Geology of Saratoga Springs sand dunes, Death Valley National Monument, California*, unpublished, M.Sc. dissertation, University of Southern California, ** pp.
- Garson, P.J. 1985. Rabbit grazing and dune slack flora of Holy Island, Lindisfarne N.N.R., in *Sand dunes and their management*, Ed. Doody, P.J., *Focus on Nature Conservation*, **13**, Nature Conservancy Council Peterborough, 205-216. [codn dnveg]
- Gates, F.C. 1950. The disappearance of Sleeping Bear Dune, *Ecology*, **31** (July), 386-392. [codn dnuse]
- Gati, F. 1984. Controlling sand dune encroachment in Iraq, *Desertification Control Bulletin*, United Nations Environment Programme (UNEP), Nairobi, **11**, 22-26. [dnuse]
- Gauld, J.H. 1981. The soils of Culbin Forest, Morayshire: their evolution and morphology, with reference to their forestry potential, *Applied Geography*, **1**, 199-212. [dnsol]
- Gautier, E.-F. 1916. Le Chott Tigri, *Annales de Géographie*, **25**, 181-189; 291-302. [nabkha dune]
- Gautier, E.-F. and Chudeau, R. 1908-1909. *Missions au Sahara. I. Sahara algérien*, 371 pp., *II. Sahara soudanais*, 326 pp. Colin, Paris. [RGS 244 C dune stbdn review *Geographical Journal*, 1910, **35**, 66-69.
- Gautier, M. 1953. Les chotts, machines évaporatoire complexes, in *Actions éoliennes, Phénomènes d'évaporation et d'Hydrologie superficielle dans les Régions arides, Colloques internationaux*, **35**, Centre nationale de la Recherche scientifique (CNRS), Paris, Paris, 317-325. [dune]
- Gautier, M. 1975. Actions naturelles et actions humaines dans l'évolution d'une flèche littorale: le cordon dunaire des Moutiers-en-Retz (LA), *Noroi*, **22**, 549-562. [codn dnuse]
- Gauymond, M. 1962. *Les dunes paraboliques de la Plaine du Saint-Laurent*, unpublished M.Sc. dissertation, Université du Laval, Quebec, 113 pp. [stbdn]
- Gavaud, M. 1967a. Interpretation chronologique des systèmes des sols des dunes fixées du Niger méridional, *6th Pan-African Congress of Prehistory and the Study of the Quaternary*, 376-380. [stbdn dnsol inst of arch DC series pan]
- Gavaud, M. 1967b. Esquisse de l'histoire des sols du Niger centre et ouest méridional, *Bulletin de Liaison*, **14-15**, Association sénégalaise pour l'Etude to Quaternaire africain, (ASEQUA), 24-26. [dnsol stbdn pald]

- Gavaud, M. 1968. Les sols bien drainés sur matériaux sableux du Niger. Essais de systématique régionale, *Cahiers Série Pédologie*, **6**, Office de Recherches scientifiques et techniques de l'Outre Mer (ORSTOM), Paris, 277-307. [stbdsn sol]
- Gavish, E. and Friedman, G.M. 1969. Progressive diagenesis of Quaternary to Late Tertiary carbonate sediments: sequence and time scale, *Journal of Sedimentary Petrology*, **39** (3), 980-1006. [codn sol]
- Gawlik, H. 1969. Les dunes éoliennes dans le bassin de Szczercow (in Polish French abstract), in Galon, R., *Procesy i Formy Wydmowe w Polsce*, Ed. Galon, R., Polskiej Akademii Nauk, Instytut Geografii, *Prace Geograficzne*, Warsaw, **75**, 249-287. [stbdsn]
- Gay, S.P.Jr. 1962. Origen, distribución y movimiento de las arenas eólicas en el área de Yauca a Palpa, *Sociedad Geologica del Perú, Boletín*, **37**, 37-58. [dune sand abstract in Busche *et al.* 1984]
- Gaye, S. 1987. Glaciers of the desert: desertification and dune control, *Ambio*, **16** (6), 351-356. [dnuse]
- Gayel, A.G. 1975. Results of pine afforestation of Aral-Caspian sands and prospects for the development of reclamation Saxaul plantings on wormwood pastures, *Problems of Desert Development*, (1), 73-78. [dnuse]
- Gayel, A.G. and Trishkovsky, A.A. 1962. Soil age and classification of eolian sands of the steppe zone, *Akademii Nauk, SSSR, Izvestiya, Serya Geograficheskaya*, **3**, 28-** [stbdsn sol or Gayell ??]
- Gaylord, D.R. 1979. Holocene climatic changes recorded in the Ferris Dune Field, southern Wyoming (abstract), *Geological Society of America, Abstracts with Program*, **11** (6), 263. [or R.D. ??]
- Gaylord, D.R. 1982. Geologic history of the Ferris dune field, south-central Wyoming, *Geological Society of America, Special Paper*, **192**, 65-82.
- Gaylord, D.R. and Dawson, P.J. 1987. Airflow-terrain interactions through a mountain gap, with an example of eolian activity beneath and atmospheric hydraulic jump, *Geology*, **15** (9), 789-792. [dune]
- Gebica, P. and Szczesny, R. 1988. Symptoms of aeolian accumulation in western Sorkapland, Spitzbergen, *Polish Polar Research*, **9** (4), 447-460. [dune]
- Gees, R.A. 1965. Moment measures in relation to depositional environments of sands, *Eclogae Geologicae Helveticae*, **58**, 209-213.
- Gees, R.A. and Lyall, A.K. 1969. Erosional columns in dune sands, Cape Sable Island, Nova Scotia, Canada, *Canadian Journal of Earth Science*, **6**, 344-347. [codn]
- Géhu, J.-M. 1961. Activité microbiologique des sables de quelques groupements végétaux du littoral du Pas-de-Calais, *Annales de l'Institut pasteur*, **100**, 638-655. [dnveg codn]
- Géhu, J.-M. 1975. *La végétation des dunes maritimes, Colloques Phytosociologiques*, **1**, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 283 pp. [codn dnveg]
- Géhu, J.-M., Ed. 1975. *Colloques phytosociologiques, 2, Le végétation des landes de l'Europe occidentale*, 1973, Lille, Ed. Géhu, Cramer, Vaduz, ** [codn dnveg]
- Géhu, J.-M. 1978. Les sigmassociations de la xérosère des dunes atlantiques de Dunkerque et à Bairitz, in *Assoziationskomplexe (Sigmenten) und ihre praktische Anwendung*, Ed. Tüxen, R., International Symposium Ver. Vegetationskunde, **21**, 77-82. [codn dnveg]
- Géhu, J.-M. 1985. *European dune and shoreline vegetation, Natural Environment Series*, **32**, European Committee for the Conservation of Nature and Natural Resources, Council of Europe, Strasbourg, 59 pp. [codn dnveg 68 pp. ??]

- Géhu, J.-M. and Géhu, J. 1969. Les associations végétales des dunes mobiles et des bordures des plages de la côte atlantique française, *Vegetatio*, **18**, 122-166. [codn dnveg]
- Géhu, J.-M. and Géhu, J. 1975. Contribution à l'étude phytosociologique des landes du sud-ouest de la France. Apport à la connaissance phytosociologique des landes littorales de la Bretagne, in *Colloques phytosociologiques*, **2**, *La végétation des landes de l'Europe occidentale*, Lille, 1973, Ed. Géhu, J.-M., Cramer, Vaduz, 75-89. [codn dnveg]
- Géhu, J.-M. and Tüxen, R. 1975. Essai de synthèse phytosociologique des dunes atlantiques européens, in *Colloques phytosociologiques*, **1**, *La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 61-69. [codn dnveg]
- Géhu-Franck, J. and Géhu, J.-M. 1975. Données écosystemiques et évaluation de la phytomasse dans le transect dunaire du Wimereux-Ambleteuse (Pas-de-Calais), in *Colloques phytosociologiques*, **1**, *La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 253-279. [dnveg codn]
- Geiße, A. 1904. Schutzbauten an der Heligoländer Düne, *Zeitschrift für Bauwesen*, **54**, 469-488. [codn]
- Gellert, J.F. 1937. Strandhörner bei Duhnen - Cuxhaven, *Senckenbergiana*, **19**, 7-12. [codn]
- Gellert, J.F. 1952. Das Außenelbwatt zwischen Cuxhaven - Duhnen und Scharhörn, *Petermanns geographische Mitteilungen*, **96** (2), 103-109. [codn]
- Gellert, J.F. 1953. Entstehung und Gestaltung der Heligoländer Düneninsel, *Forschung Fortschr.*, **27**, 68-72. [codn]
- Gellert, J.F. 1960. Steilfurer, Seesandwiessen und Dünen am Frischland bei Ahrenschoop und an den Rehbergen (Vordarß), *Wissenschaftliche Zeitschrift der Pädagogische Hochschule Potsdam, Mathematische-Naturwissenschaftliche Reihe*, **5** (2), 129-159. [codn]
- Gellert, J.F. 1965. Der Sand die Dünen und die Seesand wiessen der Schaabe, in *Glowe und Umgebung (Nordost-Rügen)*, Ed. Weißse, R., *Physisches-geographisches Exkursion für Fachkomm. Geographisches Pädagogisches Hochschule, Potsdam*, 30-49. [codn]
- Gellert, J.F. 1987. Die Dünen und Strandwälle der Schaabe-Nehrung (Nord-Rügen) - Ergebnisse morphologisch-lithologischer und hydrologischer Studien, *Wissenschaftliche Zeitschrift, Pädagogische Hochschule, "Karl Liebknecht", Potsdam, Mathematische-Naturwissenschaftliche Reihe*, **31**, 3, 441-451. [codn]
- Gemmell, A.R., Greig-Smith, P. and Gimingham, C.H. 1953. A note on the behaviour of *Ammophila arenaria* (Link.) in relation to sand dune formation, *Transactions and Proceedings of the Botanical Society of Edinburgh*, **36**, 132-133. [codn dnveg]
- Geng Kuanhong 1985. Climatic study on sand-blowing wind in desert regions in China, *Zhon Guo Sha Mo (Journal of Desert Research)*, **5**, 16-26. (In Chinese, English abstract). [sdmo]
- Geological Society of America 1977. *Impacts and management of off-road vehicles*, Committee on Environment and Public Policy, 8 pp. [dnuse]
- George, W. 1986. The thermal niche: desert sand and desert rock, *Journal of Arid Environments*, **10** (3), 213-224. [dnveg]
- Geping, Q. and Jinchan, L. 1981. Environmental management in China, *Unasylya*, **33** (134), 2-18. [ades dnuse]

- Gerakis, P.A. and Tsangarakis, C.Z. 1969. Underground mulches for non-irrigated vegetables in the sands of the central Sudan, *Sols Africains*, **14**, 61-64. [dmsol dnuse abstract in Busche *et al.* 1984]
- Gerasimov, I.P. 1931. De quelques formes de relief de la steppe désertique, *Gosudarstvennoe Geograficheskoe Obschches'tvo Izvestiya*, **63** (4), 293-300. [dune or Gherasimov, J.P. ??]
- Gerasimov, I.P. 1933. Recent geological processes in the deserts of western Turkestan (abstract), *Proceedings of the 16th International Geological Congress*, Washington, DC, **2**, 782. [dune]
- Gerdell, R.W. and Strom, G.H. 1961. Scale simulation of a blowing snow environment, *Proceedings of the Institute of Environmental Science*, **53**, 53-63. [sdmo]
- Gerety, K.M. 1984. *A wind-tunnel study of the saltation of heterogeneous (size and density) sands*, unpublished Ph.D. dissertation, Pennsylvania State University, ** pp. [sdmo]
- Gerety, K.M. 1985. Problems with determination of U^* from wind-velocity profiles measured in experiments with saltation, *Proceedings of the International Workshop on the Physics of Blown Sand*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir* **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 271-300. [sdmo]
- Gerety, K.M. and Slingerland, R. 1983a. Saltation equivalence in aeolian sand transport (abstract), *11th Congress, International Association of Sedimentologists*, Hamilton, Ontario, 673. [sdmo]
- Gerety, K.M. and Slingerland, R. 1983b. Nature of the saltating population in wind tunnel experiments with heterogeneous size density sands, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 115-132. [sdmo]
- Gerhardt, P., Ed. 1900a. *Handbuch des deutschen Dünenbaues*, Parey, Berlin, 656 pp. [codn dune]
- Gerhardt, P. 1900b. Küstenströmungen und Wandern der Dünen, in *Handbuch des deutschen Dünenbaues*, Ed. Gerhardt, P., Parey, Berlin, 125-170. [codn dune]
- Gerlach, A. 1918, Die Lonzke-Düne, *Heimatk. Lauenbg.*, 13-21. [codn ?? 1922. *Unser Pommerland*, **7**, 178-181.
- Germain, J.R. 1972. Les dunes des déserts sont des equations mathématiques, *Science et Vie*, **122** (658), 44-49.
- Gertner, Y. 1989. *Vegetation effect on the rate of eolian sand movement and accumulation in the coastal dunes at Neve Yam* (in Hebrew), unpublished M.A. dissertation, Haifa University, 143 pp. [codn sdmo]
- Gervais, D. 1954. Etude morphoscopiques de divers sables: application au transport éolien sur une dune maritime, *Centre d'Etudes et Documentation paléontologiques, Annales*, Paris, **5**, 64 pp. [sand codn]
- Gevers, T.W. 1936. The morphology of western Damaraland and the adjoining Namib Desert of South-West Africa, *South African Geographical Journal*, **19** (1), 61-79. [dune]
- Ghose, B. 1965. The genesis of desert plains in the central Luni basin of western Rajasthan, *Journal of the Indian Society of Soil Science*, **13** (2), 123-126. [dune]
- Ghose, B., *et al.* 1976. Some geomorphological evidence of palaeoclimate in the Great Indian desert, *Science and Culture*, **42**, 590-594. [stbnd]
- Ghose, B., Kar, A. and Husain, Z. 1979. The lost courses of the Saraswati River in the Great Indian Desert: new evidence from LANDSAT imagery, *Geographical Journal*, **145** (3), 446-451. [stbnd]

- Ghose, B., Singh, S. and Kar, A. 1976. Geomorphic evidence of desertification in the Rajasthan Desert (India), in *Problems in the development and conservation of desert and semi-desert lands*, **23rd International Geographical Union, Working Group on Desertification in and around Arid Lands, Pre-Congress Symposium**, **K26**, Ashkhabad, University of New South Wales, Kensington, 199-105. [stbnd dune]
- Ghose, B., Singh, S. and Kar, A. 1977. Geomorphology of the Rajasthan Desert, in *Desertification and its control*, Ed. Jaiswal, P.L., Model, New Delhi, 42-57. [stbnd]
- Ghose, B., Singh, S. and Kar, A. 1976. Geomorphic evidence of desertification in the Rajasthan Desert, in *Problems in the development and conservation of desert and semi-desert lands*, **23rd International Geographical Union, Working Group on Desertification in and around Arid Lands, Pre-Congress Symposium**, **K26**, Ashkhabad, 199-203. [dune]
- Ghose, B., Singh, S. and Kar, A. 1977. Desertification around the Thar - geomorphological interpretation, *Annals of Arid Zone*, **16**, 290-301. [dune]
- Gibbens, R.P., Tromble, J.N., Hennessey, J.T. and Cardenas, M. 1983. Soil movement in mesquite dunelands and former grasslands of southern New Mexico from 1933 to 1980, *Journal of Range Management*, **36**, 145-148. [sdmo dnuse dnveg]
- Gibbons, G.S. 1967. Shell content in quartzose beach and dune sands, Dee Why, New South Wales, *Journal of Sedimentary Petrology*, **37** (3), 869-878. [codn]
- Gibson, D.J. 1988a. The relationship between sheep grazing and soil heterogeneity to plant spatial patterns in dune grassland, *Journal of Ecology*, **76** (1), 233-252. [codn dnveg]
- Gibson, D.J. 1988b. The maintenance of plant and soil heterogeneity in dune grassland, *Journal of Ecology*, **76** (2), 497-508. [codn dnveg]
- Gibson, E.S.H. 1946. Singing sands, *Transactions of the Royal Society of South Australia*, **70**, 35-44.
- Gibson, W.M. 1951. Sandwaves of San Francisco Bay, *Journal of Coast and Geodetic Survey*, **4**, 54-58. [dunelog]
- Gidelis, V. and Minkevikius, V. 1963. Lithodynamic spectra of sand drift in the coastal dunes of Lithuania (in Lithuanian), *Baltica*, **1**, 211-232. [sdmo codn]
- Giegengack, R.F.Jr. and Underwood, J.R.Jr. 1980. Field observations within a little-known dune complex in the Great Sand Sea, Western Desert, Egypt (abstract), *Reports of Planetary Geology Program*, **TM-82385**, National Aeronautics and Space Administration (NASA), Washington, DC, ** pp.
- Gierloff-Emden, H.G. 1961. *Luftbild und Küstengeographie am Beispiel der deutschen Nordseeküste, Landeskundliche Luftbildauswertung im mitteleuropäischen Raum, Raumforschung*, **4**, Schriftenfolge Institut, Bad Godesburg, 118 pp. [codn ?]
- Gifford, F.A., Hosker, R.P. and Rao, K.S. 1978. Diffusion-deposition patterns in martian streaks, *Icarus*, **36** (1), 133-146. [sdmo wakes]
- Gifford, A.W., Warner, D.M. and El-Baz, F. 1979. Orbital observations of sand distribution in the Western Desert of Egypt, in *Apollo-Soyuz Test Project: summary science report*, **II**, National Aeronautics and Space Administration (NASA), Washington, DC, ** [dune]
- Gilbert, G.K. 1878. Ripple-marks (abstract), *Bulletin of the Philosophical Society of Washington*, **2**, 61-62.
- Gilbert, G.K. 1884. Ripple-marks, *Science*, **3**, 375-376.

- Gilbert, G.K. 1899. Ripple-marks and cross-bedding, *Bulletin of the Geological Society of America*, **10**, 135-140. [dunelog dnbed]
- Gilbert, G.K. 1914. *Transportation of debris by running water*, United States Geological Survey, Professional Paper, **86**, 263 pp. [sdmo or Gilbert, G.K. and Murphy, E.C. ??]
- Gilbert, G.K. and Brigham, A.P. 1902. *Introduction to physical geography*, ** [sdmo dust 111-118.
- Gilbertson, D.D. 1981. The impact of the past and present land use on a major coastal barrier system, *Applied Geography*, **1**, 97-119. [dnuse codn]
- Gile, L.H. 1966. Coppice dunes and the Rotura soil, *Proceedings of the Soil Science Society of America*, **30** (5), 657-660. [stbdn abstract in Busche *et al.* 1984]
- Gile, L.H. 1975a. Causes of soil boundaries in an arid region. I. Age and parent materials, *Proceedings of the Soil Science Society of America*, **39** (2), 316-323. [dnsol sand]
- Gile, L.H. 1975b. Causes of soil boundaries in an arid region. II. Dissection, moisture and faunal activity, *Proceedings of the Soil Science Society of America*, **39** (2), 324-330. [dnsol sand]
- Gile, L.H. 1981. *Soils and stratigraphy of dunes along a segment of Farm Road 1731. Bailey County, Texas, Publication*, **81-2**, International Center for Arid and Semi-Arid Land Studies, Texas Technical University, Lubbock, 78 pp. [dnsol stbdn]
- Giles, R.T. and Pilkey, O.H. 1965. Atlantic beach and dune sediments of the southern United States, *Journal of Sedimentary Petrology*, **35** (4), 900-910. [sand codn]
- Gill, D. 1972. Influence of fluvial and aeolian processes on the distribution of point-bar ecosystems in the Mackenzie river delta, in *Mackenzie delta area monograph*, Ed. Kerfoot, D.E., Brock University, St. Catherine's, Ontario, 69-85. [dune sdmo]
- Gill, E.D. 1966. Geochronology of Victorian mallee ridges, in *Mallee symposium, Proceedings of the Royal Society of Victoria*, **79**, 555-559. [stbdn]
- Gill, E.W.B. 1948. Frictional electrification of sand, *Nature*, **162** (4119), 568-569. [sdmo]
- Gillet, H. 1978. Un Acacia australien à la conquête des dunes de Lybie, *Journal de l'Agriculture traditionnelle et de la Botanique appliquée*, **25** (4), 245-255. [dnveg dnuse]
- Gillet-Laumont, **, Tessier, ** and Chassiron, P.C. 1833. Rapport sur les différents mémoires de M. Brémontier, *Annales des Ponts et Chaussées*, **5**, 192-224. [quoted in GP Marsh, *Man and nature*, p 398 codn dnuse]
- Gillette, D.A. 1977. Fine particle emissions due to wind erosion, *Transactions of the American Society of Agricultural Engineers*, **20** (5), 890-897. [sdmo]
- Gillette, D.A. 1978a. A wind-tunnel simulation of the erosion of soil: effect of soil moisture, sandblasting, wind speed and soil consolidation on dust production, *Atmospheric Environment*, **12** (8), 1735-1743. [sdmo abstract in Busche *et al.* 1984]
- Gillette, D.A. 1978b. Tests with a portable wind tunnel for determining wind erosion threshold velocities, *Atmospheric Environment*, **12** (12), 2309-2313. [sdmo abstract in Busche *et al.* 1984]
- Gillette, D.A. 1979. Environmental factors affecting dust emission by wind erosion, in *Saharan dust*, Ed. Morales, C., John Wiley and Sons, Chichester, 71-91. [copy wnerop sdmo]

- Gillette, D.A. 1981. Production of dust that may be carried great distances, in *Desert dust*, Ed. Péwé, T.L., *Special Paper*, **186**, Geological Society of America, 11-26. [sdmo]
- Gillette, D.A. 1986a. Production of dust, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 251-260. [sdmo]
- Gillette, D.A. 1986b. Threshold velocities for dust production, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 321-326. [sdmo]
- Gillette, D.A. 1986c. Dust production by wind erosion: necessary conditions and estimates of vertical fluxes of dust and visibility reduction by dust, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 361-371. [sdmo]
- Gillette, D.A., Adams, J., Endo, A., Smith, D. and Kihl, R. 1980. Threshold velocities for input of soil particles into the air by desert soils, *Journal of Geophysical Research*, **85** (C 10), 5621-5630. [sdmo abstract in Busche *et al.* 1984]
- Gillette, D.A., Adams, J., Muhs, D. and Kihl, R. 1982. Threshold friction velocities and rupture moduli for crusted desert soils for the input of soil particles to the air, *Journal of Geophysical Research*, **87** (C 10), 9003-9015. [sdmo]
- Gillette, D.A., Blifford, I.H. and Fenster, C.R. 1972. Measurements of aerosol size-distribution and vertical fluxes on land subject to wind erosion, *Journal of Applied Meteorology*, **11** (6), 977-987. [sdmo]
- Gillette, D.A., Blifford, I.H. and Fryrear, D.W. 1974. The influence of wind velocity on size distributions of soil wind aerosols, *Journal of Geophysical Research*, **79** (27), 4068-4075. [sdmo]
- Gillette, D.A. and Cowherd, C. 1982. The concept of resuspension rates applied to problems of fugitive emissions and wind erosion, in *Precipitation scavenging, dry deposition and resuspension*, Eds. Pruppacher, H.R., Semovín, R.G. and Shinn, J., Elsevier, Amsterdam, 1059-1072. [sdmo]
- Gillette, D.A. and Goodwin, P.A. 1974. Microscale transport of sand-sized soil aggregates eroded by wind, *Journal of Geophysical Research*, **79** (27), 4080-4084. [sdmo]
- Gillette, D.A. and Porch, W. 1978. The role of fluctuations of vertical and horizontal wind and particle concentration of the deposition of dust suspended by wind, *Journal of Geophysical Research*, **83** (C1), 409-414. [sdmo]
- Gillette, D.A. and Stockton, P.H. 1986. Mass momentum and kinetic energy fluxes of saltating particles, in *Aeolian geomorphology*, Ed. Nickling, W.G., Allen and Unwin, London, 35-56. [sdmo]
- Gillette, D.A. and Stockton, P.H. 1989. The effect of nonerodible particles on wind erosion of erodible surfaces, *Journal of Geophysical Research*, **94** (ND 10), 12,885-12,893. [sdmo]
- Gillette, D.A. and Walker, T.R. 1977. Characteristics of airborne particles produced by wind erosion of sandy soil, High Plains of West Texas, *Soil Science*, **123** (1), 97-110. [sdmo]
- Gillman, G.P. 1973. Studies of some deep sandy soils in Cape York Peninsula, northern Queensland. 3. Losses of applied phosphorus and sulphur, *Australian Journal of Experimental Agriculture and Animal Husbandry*, **13**, 418-422. [dnsol]
- Gimingham, C.H. 1951. Contributions to the maritime ecology of St. Cyrus, Kincardineshire. II. the sand dunes, *Transactions of the Botanical Society of Edinburgh*, **35**, 387-414. [codn dnveg]
- Gimingham, C.H. 1955. A note on the water table, sand movement and plant distribution in a North African oasis, *Journal of Ecology*, **43**, 22-25. [dune dnveg]

- Gimingham, C.H. 1964. Maritime and sub-maritime communities, in *The vegetation of Scotland*, Ed. Burnett, J.H., Oliver and Boyd, Edinburgh, 67-142. [codn dnveg]
- Gimingham, C.H. 1989. Introduction, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, v-vi. [codn]
- Gimingham, C.H., Gemmell, A.R. and Greig-Smith, P. 1948. The vegetation of a sand dune system in the Outer Hebrides, *Transactions of the Botanical Society of Edinburgh*, **35**, 82-96. [codn dnveg]
- Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., Eds. 1989. *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 313 pp. [codn]
- Ginzbourg, D. 1971. Note on the eolian deposits and loess of northern Sinai and the western negev, Israel, *Etudes sur le Quaternaire dans le Monde*, **2**, *Bulletin de l'Association français pour l'Etude du Quaternaire, Supplément*, **4**, 757-758. [dune]
- Girard, J. 1903. *L'évolution comparée des sables, les dunes etc.*, Audeval, Paris, ** [sand]
- Giszas, H. 1970. *Beiträge zur Frage des Sandtransportes durch Wind - Messungen im Gebiet um Scharhörn (Elbe)*, doctoral dissertation, Hamburger Wüstenforschung, **16**, 122 pp. [codn sdmo abstract in Busche *et al.* 1984]
- Gläser, B. 1987. *Altdünen und Limite in der nordlichen Republik Sudan als morphogenisch-paläoklimatische Anzeiger. Untersuchungen zur junquarteren morphohenischen Sequenz eines Regionalkomplexes*, Akademie der Wissenschaften in Göttingen, Hamburg, 193 pp. [dune]
- Glassford, D.K. 1980. *Late Cainozoic desert eolian sedimentation in Western Australia*, unpublished Ph.D. dissertation, Nedlands, WA, 301 pp. [dune sand stbdn]
- Glassford, D.K. and Killigrew, L.P. 1976. Evidence for Quaternary westward extension of the Australian desert into southwestern Australia, *Search*, **7** (9), 394-395. [dune stbdn]
- Gleeson, H.A. 1910. The vegetation of inland sand deposits in Illinois, *Bulletin of the Illinois State Laboratory of Natural History*, **9**, 23-174. [dnveg]
- Glendening, J.W. 1977. *Aeolian transport and vegetation capture of particles*, unpublished ** dissertation, Colorado State University **, ** [sdmo]
- Glendinning, R.M. 1949. Desert contrasts illustrated by the Coachella, *Geographical Review*, **39** (2), 221-228. [dune dveg abstract in Busche *et al.* 1984]
- Glennie, K.W. 1970. *Desert sedimentary environments, Developments in Sedimentology*, **14**, Elsevier, Amsterdam, 222 pp. [dune dnbed]
- Glennie, K.W. 1972. Permian Rotliegendes of Northwest Europe interpreted in the light of modern desert sedimentation studies, *Bulletin of the American Association of Petroleum Geologists*, **56** (6), 1048-1071. [dnbed]
- Glennie, K.W. 1983a. Early Permian (Rotliegendes) palaeowinds of the North Sea, *Sedimentary Geology*, **34**, 245-265. [dnbed]
- Glennie, K.W. 1983b. Lower Permian Rotliegende desert sedimentation in the North Sea area, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, 521-541. [dnbed]
- Glennie, K.W. 1984a. *Origin of the Wahiba Sands, Oman*, MS 8 pp. [dune]

- Glennie, K.W., Ed. 1984b. *Introduction to the petroleum geology of the North Sea*, Blackwell, Oxford, 280 pp. [dnbed geog f 53 UDY3dy/int]
- Glennie, K.W. 1984c. Early Permian - Rotliegend, in *Introduction to the petroleum geology of the North Sea*, Ed. Glennie, K.W., Blackwell, Oxford, 41-60. [dnbed]
- Glennie, K.W. 1985. Early Permian (Rotliegendes) Palaeowinds of the North Sea - Reply, *Sedimentary Geology*, **45** (3-4), 297-313. [dnbed]
- Glennie, K.W. 1986. A summary of desert sedimentary environments, present and past, *Canadian Mineralogist*, **24** (1), 186. [dnbed]
- Glennie, K.W. 1987. Desert sedimentary environments, present and past - a summary, *Sedimentary Geology*, **50** (1-3), 135-165. [dune dnbed]
- Glennie, K.W. 1988. The geological setting of the Wahiba Sands of Oman, in *Scientific results of the Royal Geographical Society's Oman Wahiba Sands project*, Ed. Dutton, R., *Journal of Oman Studies, Special Report*, **3**, 55-60. [dune]
- Glennie, K.W. and Buller, A.T. 1983. The Permian Weissliegend of North West Europe. The partial deformation of aeolian dune sands caused by the Zechstein transgression, *Sedimentary Geology*, **35** (1), 43-81. [dnbed]
- Glennie, K.W. and Evamy, B.D. 1968. Dikaka: plants and plant root structures associated with aeolian sand, *Palaeogeography, Palaeoclimatology, Palaeoecology*, **4** (1), 77-87. [stbnd dnveg dnsol]
- Glennie, K.W. and Evans, G. 1976. A reconnaissance of recent sediments of the Rann of Kutch, India, *Sedimentology*, **23** (5), 625-647. [dune sand]
- Glennie, K.W., Mudd, G.C. and Nagtegaal, P.J.C. 1978. Depositional environment and diagenesis of Permian Rotliegendes sandstones in Leman Bank and Sole Pit areas of the UK southern North Sea, *Journal of the Geological Society of London*, **135** (1), 25-34. [dnbed]
- Glossop, R. 1945. Particle size in silts and sands, *Journal of the Institute of Civil Engineers*, **25** (2), 81-105.
- Goddard, D. and Picard, Y.X. 1973. *Los medaños de Coro: composicion, granulometria y migracion de las arenas*, Division de Geologie Marina, Ministerio de Energia y Minas, Venezuela, 13 pp. [dune]
- Godfrey, D.D.H. 1974. Stabilization of Avalon Sand Dunes, *Journal of the Soil Conservation Service of New South Wales*, **135**, 403-406. [codn dnuse or **30** (2), 78-85. ??]
- Godfrey, P.J. 1976. Barrier islands of the east coast, *Oceanus*, **9**, 27-40. [codn ?]
- Godfrey, P.J. 1977. Climate, plant response, and development of dunes on barrier beaches along the US east coast, *International Journal of Biometeorology*, **21**, 203-215. [codn]
- Godfrey, P.J. 1987. A successful local program for preserving and maintaining dunes on a developed barrier island: Mantoloking, New Jersey, in *Cities on the beach*, Eds. Platt, R.H., Pelczarski, S.G. and Burbank, B.K.R., *Geography Research Paper*, **224**, University of Chicago, 163-169. [codn dnuse]
- Godfrey, P.J. and Godfrey, M.M. 1973. Comparison of ecological and geomorphic interactions between altered and unaltered barrier island systems in North Carolina, in *Coastal geomorphology*, Ed. Coates, D.R., *Publications in Geomorphology*, State University of New York, 239-258. [codn]
- Godfrey, P.J. and Godfrey, M.M. 1976. *Barrier island ecology of Cape Lookout National Seashore and vicinity, North Carolina*, *Science Series Monographs*, **9**, National Park Service, 160 pp. [codn dnveg]

Godfrey, P.J. and Godfrey, M.M. 1980. Ecological effects of off-road vehicles on Cape Cod, *Oceanus*, **23** (4), 56-67. [codn dnuse

Godfrey, P.J., Leatherman, S.P. and Buckley, P.A. 1978. Impact of off-road vehicles on coastal ecosystems, *Proceedings of the Symposium on Technical, Environmental, Socio-Economic and Regulatory Aspects of Coastal Zone Planning and Management*, San Francisco, CA, 581-600. [codn dnuse

Godfrey, P.J., Leatherman, S.P. and Zaremba, R. 1979. A geobotanical approach to the classification of barrier island systems, in *Barrier islands*, Ed. Leatherman, S.P., Academic Press, New York, 99-126. [codn

Godfrey, P.J. and Zaremba, R. 1981. A comparison of experimental and natural dune formation following major storm overwash on a northeastern U.S. barrier beach, *9th International Congress of Biometeorology: Abstracts volume*, Eds. Overdiek, D., Mueller, J. and Lieth, H., 192-193. [codn or J.P ?? abstract in Busche *et al.* 1984

Godwin, H. 1944. Age and origin of the 'Breckland' heaths of East Anglia, *Nature*, **154**, (3894), 6-7. [stbnd

Goggin, D.J., Chandler, M.A., Kocurek, G.A. and Lake, L.W. 1986. *Patterns of permeability in eolian deposits, SPE/DOE 5th Symposium on Enhanced Oil Recovery*, Tulsa, OA, ** [dnbed dnhyd

Goh, K.M., Rafter, T.A., Stout, J.D. and Walker, T.W. 1976. The accumulation of soil organic matter and its carbon isotope content in a chronosequence of soils developed on aeolian sand in New Zealand, *Journal of Soil Science*, **27** (1), 89-100. [codn dnsol

Gold, L.W. 1968. *Annotated bibliography on snow drifting and its control, Bibliography*, **38**, Division of Building Research, National Research Council of Canada, Ottawa, ** [dunelog sdmo

Goldschmit, M.J. and Jacobs, M. 1956. *Underground water in the Haifa-Acco sand dunes and its replenishment, Publication*, **41**, International Union of G**, Association** Hydrology, 56 pp. [codn dnuse dnhyd or *Hydrological Paper*, **2**, Hydrological Service, Jerusalem, ** ??

Goldsmid, J.G. 1897. On the formation of sand dunes, *Geographical Journal*, **9** (4), 454-455. [sdmo

Goldsmith, F.B., Munton, R.J.C. and Warren, A. 1970. The impact of recreation on the ecology and amenity of semi-natural areas; methods of investigation used in the Isles of Scilly, *Biological Journal of the Linnean Society of London*, **2** (4), 287-306. [cecol dnuse codn

Goldsmith, V. 1971. The formation and internal geometry of coastal sand dunes an aid to palaeographic reconstruction (abstract), *Geological Society of America, Annual Meeting*, Washington, DC, **3**, 582-583. [codn

Goldsmith, V. 1972. *Coastal processes of a barrier island complex and adjacent ocean floor: Monomoy Island - Nauset Spit, Cape Cod, Massachusetts*, unpublished Ph.D. dissertation, University of Massachusetts, Amherst, MA, 469 pp. [codn

Goldsmith, V. 1973. Internal geometry and origin of vegetated coastal sand dunes, *Journal of Sedimentary Petrology*, **43** (4), 1128-1142. [discussion by Yaalon, D.H., *Ibid.*, 1975, **45**, 359. [codn abstract in Busche *et al.* 1984

Goldsmith, V. 1975. Eolian Sedimentation in Coastal Areas, *Contribution* **533**, Virginia Institute of Marine Science, Gloucester Point, VA, 138 pp. [codn

- Goldsmith, V., Ed. 1977. *Coastal processes and resulting forms of sediment accumulation, Currituck Spit, Virginia/North Carolina*, SHAMSOE **143**, Virginia Institute of Marine Science, Gloucester Point, Virginia, 26.1-26.20. [codn
- Goldsmith, V. 1978. Coastal dunes, in *Coastal sedimentary environments*, Ed. Davis, R., Springer-Verlag, New York, 171-236. [codn geog h 72 dav
- Goldsmith, V. 1983. Dynamic geomorphology of the Israeli coast, in *Coastal problems in the Mediterranean*, Eds. Fabbri, P. and Bird, E.C.F., Commission on the Coastal Environment, International Geographical Union (IGU), 109-124. [codn dnuse
- Goldsmith, V. 1985. Coastal dunes, in *Coastal sedimentary environments*, Ed. Davis, R.A., Springer-Verlag, New York, 171-236. [codn geog h 72 dav
- Goldsmith, V. 1989. Coastal sand dunes as geomorphological systems, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 3-15. [codn
- Goldsmith, V. and Golik, A. 1980. Sediment transport model of the southeastern Mediterranean coast, *Marine Geology*, **37**, 147-175. [codn
- Goldsmith, V., Henninger, H.F. and Gutman, A.L. 1977. The "VAMP" coastal dune classification, in *Coastal processes and resulting forms of sediment accumulation, Currituck Spit, Virginia/North Carolina*, Ed. Goldsmith, V., SHAMSOE **143**, Virginia Institute of Marine Science, Gloucester Point, VA, 26.1-26.20. [codn
- Goldsmith, V., Rosen, P. and Gertner, Y. 1988. *Eolian sediment transport on the Israeli coast*, Final Report to United States / Israel Binational Science Foundation, Jerusalem, 46 pp. [codn
- Goldsmith, V. and Sofer, S. 1983. Wave climatology of the southeastern Mediterranean: an integrated approach, *Israel Journal of Earth Science*, **32**, 147-175. [codn
- Gomez, B., Naff, R.L. and Hubbell, D.W. 1989. Temporal variations in bedload transport associated with migration of bedforms, *Earth Surface Processes and Landforms*, **14** (2), 135-156. [sdmo dunelog
- Gomilewski, W. 1898. Théorie de la formation des dunes de neige, avec des indications pratiques concernant la lutte avec ce phénomène (in Russian), *Lesnoij Journal, Petersburg*, **2**, 341-358.
- Gontarska, A. 1929. Les dunes des environs de Aleksandrów Leczycki (Polish, French abstract), *Badania nad Geograficne Polska Zachodnia*, **4/5**, 107-110. [stbdn
- González-Bernáldez, F., Garcia-Novo, F. and Ramirez-Díaz, L. 1976. Analyse factorielle de la végétation des dunes de la reserve biologique de Doñana (Espagne), in *Colloques phytosociologiques*, **1**, *La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 185-200. [dnveg
- Gooch, W.L. 1947. Present conditions in the pine forests of Les Landes, France, *Journal of Forestry*, **45**, 263-264. [codn dnuse dnveg stbdn
- Good, M.C. and Joubert, P.N. 1968. The form drag of two-dimensional bluff plates immersed in turbulent boundary layers, *Journal of Fluid Mechanics*, **31**, 547-582. [windbreaks ? wneroc wind
- Good, R. 1935. Contributions towards a survey of the plants and animals of South Haven Peninsula, Studland Heath, Dorset, II. General ecology of the flowering plants and ferns, *Journal of Ecology*, **23**, 361-405. [codn dnveg
- Good, T.R. and Bryant, I.D. 1958. Fluvio-eolian sedimentation - an example from Banks Island, N.W.T., Canada, *Geografiska Annaler*, **A 67** (1), 33-46. [dune codn

- Goodarzi, N.K. 1978, *Geomorphological and soil analyses of soil mounds in southwest Louisiana*, unpublished M.S. dissertation, Louisiana State University, Baton Rouge, LA, 70 pp. [dune ?]
- Gooding, E.G.B. 1947. Observations on the sand dunes of Barbados, West Indies, *Journal of Ecology*, **34**, 111-125. [codn]
- Gooding, J.L. 1982. Petrology of dune sand from basalt on the Ka'u Desert, Hawaii, *Journal of Geology*, **90** (1), 97-109.
- Goor, A.Y. 1955. *Tree planting practice for arid areas*, Food and Agriculture Organization of the United Nations (FAO), Rome, ** [dnuse dnveg]
- Goor, A.Y. and Barney, C.W. 1968. *Forest tree planting in arid zones*, **, New York, ** [dnuse dnveg]
- Goossens, D. 1987a. A drag coefficient equation for natural irregularly shaped particles, *Catena*, **14** (1), 73-99. [sdmo]
- Goossens, D. 1987b. *Sedimentatiemechanismen bij natuurlijke stofdeeltjes in lucht*, unpublished Ph.D. dissertation, Katholieke Universitet van Leuven, 256 pp. [sdmo]
- Goossens, D. 1987c. Interference phenomena between particle flattening and particle rounding in free vertical sedimentation processes, *Sedimentology*, **34** (1), 155-167. [sdmo]
- Gorbacheva, V.F. 1964. Shifting sands fixation with polyacrylamide emulsion, *Izvestiya Akademii Nauk, Turkmenskoi SSR, Seriya Biologeskaya*, (2), **, [dnuse glue]
- Gorbatshev, R. and Knit, O. 1961. The Jotting Malaria Sandstone of the Stockholm region, Sweden, *Geol. Inst. Uppsala*, **40**, 51-68. [dnbed]
- Gordon, R., Carmichael, J.B. and Isackson, F.J. 1972. Saltation of plastic balls in a 'one-dimensional' flume, *Water Resources Research*, **8** (2), 444-459. [sdmo]
- Gorham, E. 1958. Soluble salts in dune sands from Blakeney Point in Norfolk, *Journal of Ecology*, **46**, 373-379. [codn dnsol]
- Gormaz-Gonzalez, M.N. ** *Las dunas*, Corporación Nacional Forestal, Santiago, Chile, ** [dune dnuse]
- Gorycki, M.A. 1973a. Sheetflood structure: mechanism of beach cusp formation and related phenomena, *Journal of Geology*, **81** (1), 109-117. [dunelog]
- Gorycki, M.A. 1973b. Hydraulic drag: a meander-initiating mechanism, *Bulletin of the Geological Society of America*, **84** (1), 175-186. [dunelog]
- Gottfriedt, M. 1875. Beiträge zur Kenntnis des Mündungsgebietes der Düna. 1. Das Vorrücken der Dünen in der Nähe des Wiekenkruges. 2. Das Vorrücken der Dünen and der Spilwe, *Korr.-Bl. Naturforschungs - Veröffentlichungen, Riga*, **21**, 113-120. [codn]
- Gottis, Ch. 1953. Sur l'âge des dunes de la région d'Ouchtata (Nefra, Tunisie septentrionale), *Bulletin de la Société des Sciences naturelles de la Tunisie*, **4**, 223-225.
- Götz, F.W.P. 1940. Sahara Sand im Rauhref, *Das Wetter*, **57**, 360-361. [dnhyd ?]
- Goudharzi, G.H. 1970. *Nonmetallic mineral resources: saline deposits, silica sand, sulfur and trona*, United States Geological Survey, Professional Paper, **660**, 104 pp.

- Goudie, A.S. 1969. Statistical laws and dune ridges in southern Africa, *Geographical Journal*, **135** (3), 404-406.
- Goudie, A.S. 1970. Notes on some major dune types in southern Africa, *South African Geographical Journal*, **52** (1), 93-101.
- Goudie, A.S. 1972a. Climate, weathering, crust formation, dunes and fluvial features of the central Namib Desert near Gobabeb, South-West Africa, *Madoqua*, Series II, **1** (54-64), 15-31.
- Goudie, A.S. 1972b. The environmental background to early man in the dry zone of northwestern India the geomorphic evidence of climatic change, *South Asian Archaeology*, **1**, ** [stbnd]
- Goudie, A.S. 1977. Arid geomorphology, *Progress in Physical Geography*, **1** (2), 333-338. [dune]
- Goudie, A.S. 1978. Arid geomorphology, *Progress in Physical Geography*, **2** (2), 333-338. [dune]
- Goudie, A.S. 1979. Arid geomorphology, *Progress in Physical Geography*, **3** (3), 421-426. [dune]
- Goudie, A.S. 1980. Arid geomorphology, *Progress in Physical Geography*, **4** (2), 276-281. [dune]
- Goudie, A.S. 1982. Arid geomorphology, *Progress in Physical Geography*, **6** (3), 446-451. [dune]
- Goudie, A.S. 1983. The arid earth, in *Mega-geomorphology*, Eds. Gardner, R.M. and Scoging, H., Clarendon, Oxford, 152-171. [dune stbnd]
- Goudie, A.S. 1985. Themes in desert geomorphology, in *Themes in geomorphology*, Ed. Pitty, A., Croom Helm, Beckenham, 122-140. [dune]
- Goudie, A.S. 1987. Change and instability in the desert environment, in *Horizons in physical geography*, Eds. Clark, M.J., Gregory, K.J. and Gurnell, A.M., Macmillan, London, 250-267. [dune stbnd]
- Goudie, A.S., Allchin, B. and Hegde, K.T.M. 1973. The former extensions of the Great Indian Sand Desert, *Geographical Journal*, **139** (2), 243-257. [stbnd abstract in Busche *et al.* 1984]
- Goudie, A.S., Cooke, R.U. and Doornkamp, J.C. 1979. The formation of silt from quartz dune sand by salt weathering processes in deserts, *Journal of Arid Environments*, **2**, 105-112.
- Goudie, A.S. and Sands, M.J.S. 1989. The Kimberley Research Project, western Australia, 1988: a report, *Geographical Journal*, **155** (2), 161-166. [stbnd]
- Goudie, A.S. and Sperling, C.H.B. 1977. Long distance transport of foraminiferal tests by wind in the Thar Desert, north-west India, *Journal of Sedimentary Petrology*, **47** (2), 630-633. [sand sdmo abstract in Busche *et al.* 1984]
- Goudie, A.S. and Thomas, D.S.G. 1986. Lunette dunes in southern Africa, *Journal of Arid Environments*, **10** (1), 1-12. [stbnd]
- Goudie, A.S., Warren, A., Jones, D.K.C. and Cooke, R.U. 1987. The character and possible origins of the aeolian sediments of the Wahiba Sand Sea, Oman, *Geographical Journal*, **153** (2), 231-256. [dune sands]
- Goudie, A.S. and Watson, A. 1981. The shape of desert sand dune grains, *Journal of Arid Environments*, **4** (3), 185-190. [abstract in Busche *et al.* 1984]
- Goudie, H.A. 1921. Sand dune reclamation; activities of the State Forest Service, *New Zealand Journal of Agricultural Research*, ... [dnuse]

- Gourinard, Y. 1952. Le littoral oranais, *19th International Geological Congress, Algiers, Monographie régionale*, 1^e Série, **22**, 62 pp. [codn gypsum dunes geog a 6 int]
- Goursaud, ** 1979-1880. Les Landes et les dunes de Gascogne, *Revue des Eaux et Forêts*, ** [codn dnuse]
- Go_dzik, J.S. 1981. Les changements de processus éoliens dans la Pologne centrale au cours du Vistulian (Wurm), *Recherches géographiques à Strasbourg*, **16-17**, 115-120. [stbdn dune 1982??]
- Grabert, H. 1952. Zur Dünenbildung im Münsterland, *Geologischen Jahrbuch*, **66**, 693-701. [dune]
- Graebner, P. 1910. Pflanzenleben auf den Dünen, in *Dünenbuch*, Eds. Solger, F., Graebner, P., Thienemann, J., Speiser, P. and Schulze, F.W.O., F.Enke Verlag, Stuttgart, 183-296. [dnveg]
- Gradowczyk, M.H. 1964. Wave propagation and boundary instability in erodible channel beds, *Journal of Fluid Mechanics*, **33** (1), 93-112. [dunelog]
- Gradzinsky, R. 1986. Aeolian-dune and interdune deposits in the Buntsandstein of the Holy Cross Mountains, in *7th European Regional Meeting of the International Association of Sedimentologists, Excursion Guidebook*, Cracow, 103-112. [dnbed]
- Gradzinsky, R., Gagol, J. and Slaczka, A. 1979. The Tumlin sandstone (Holy Cross Mountains, central Poland): Lower Triassic deposits of aeolian dunes and interdune areas, *Acta Geologica Polonica*, **29**, 151-175. [dnbed]
- Gradzinsky, R. and Jerzykiewicz, T. 1974. Dinosaur- and mammal-bearing aeolian and associated deposits of the Upper Cretaceous in the Gobi Desert, *Sedimentary Geology*, **12**, 249-278. [dnbed]
- Graetz, R.D., Tongway, D.J. and Pech, R.P. 1982. *An ecological classification of the lands comprising the southern Simpson Desert and its margins*, *Technical Memorandum*, **82/2**, Commonwealth Scientific and Industrial Organization (CSIRO), Rangelands Research Centre, Deniliquin, ** [dune dnveg]
- Graf, W.H. 1971. *Hydraulics of sediment transport*, McGraw-Hill, New York, 513 pp. [Engi CM 30 and geog e 24 sdmo dunelog]
- Granados Corona, M., Martin Vincente, A. and Garcia Novo, F. 1988. Long-term vegetation changes on the stabilised dunes of Doñana National Park (SW Spain), *Vegetatio*, **75** (1), 73-80. [codn dnveg]
- Grandet, C. 1955. Aspects de la morphologie dunaire dans la région de Beni-Abbès, *Bulletin de la Société géologique de France*, Série 6, **5**, 135-142. [dune]
- Grandet, C. 1957. Sur la morphologie dunaire de la rive sud du Lac Faguébine, *Travaux de l'Institut de Recherches sahariennes*, **16**, 171-180. [dune stbdn abstract in Busche et al. 1984]
- Grandjean, G. 1896. Les Landes et les dunes de Gascogne, *Bulletin de la Société géographique Coul. de Bordeaux*, ** [codn]
- Grant, J. and Gust, G. 1987. Prediction of coastal sediment stability from photopigment content of mats of purple sulphur bacteria, *Nature*, **330** (6145), 244-246. [codn dnveg sdmo]
- Grasby, J.C. and Sansom, G.C. 1981. Dune management and drift control in Western Australia, *5th Australian Conference on Coastal and Ocean Engineering*, Perth, 148-149. [codn dnuse brief abstract in Busche et al. 1984]
- Grass, A.J. 1970. Initial instability of fine bed sand, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **96** (HY3), 619-632. [sdmo dunelog]

- Grass, A.J. 1971. Structural features of turbulent flow over smooth and rough boundaries, *Journal of Fluid Mechanics*, **50** (2), 233-255. [dunelog
- Grass, A.J. 1974. Transport of fine sand on a flat bed: turbulence and suspension mechanics, *Euromech*, **48**, Institute of Hydrodynamics and Hydraulic Engineering, Technical University of Denmark, Lyngby, 33-36. [sdmo
- Grass, A.J. 1982. The influence of boundary layer turbulence on the mechanics of sediment transport, *Euromech* **156: Mechanics of Sediment Transport**, Istanbul, Balkema, Rotterdam, 3-17. [sdmo
- Grass, A.J. and Ayoub, R.N.M. 1982. Bed load transport of fine sand by laminar and turbulent flow, *Proceedings of the 18th Coastal Engineering Conference*, American Society of Civil Engineers, New York, 1589-1599. [sdmo
- Gravenor, C.P. and Bayrock, L.A. 1961. Glacial deposits of Alberta, in *Soils in Canada*, Ed. Legget, R.F., University of Toronto Press, Toronto, 33-50. [geog v 35 leg dune
- Gray, A.J. 1985. Adaptation in perennial coastal plants - with particular reference to heritable variation in *Puccinellia maritima* and *Ammophila arenaria*, *Vegetatio*, **61** (1-3), 179-188. [codn dnveg
- Greeley, R. 1968. Mars: a model for the formation of dunes and related structures (abstract), *Technical Memorandum*, **TM-79729**, National Aeronautics and Space Administration (NASA), Washington, DC, 244-245.
- Greeley, R. 1979a. Silt-clay aggregates on Mars: a model for the formation of 'sand', *Journal of Geophysical Research*, **84** (B11), 6248-6254. [sand
- Greeley, R. 1979b. A model for the formation of windblown sand-sized particles and related structures on Mars, *Conference Paper*, **2072**, National Aeronautics and Space Administration (NASA), Washington, DC, 2072. [sand
- Greeley, R. 1981. Aeolian activity as a planetary process, *International Association of Sedimentologists, Memorandum*, **2072**, 409-418. [dune sdmo or *Memorandum. Soc. Astron. Ital.* NS **52**, 409-418. ??
- Greeley, R. 1982. Aeolian modification of planetary surfaces, in *Comparative study of the planets*, Eds. Coradini, A. and Fulchignoni, M., Reidel, Dordrecht, 419-434. [sdmo dune
- Greeley, R. 1985a. Aeolian geomorphology from a global perspective, in *Global mega-geomorphology*, Ed. Hayden, R.S., *Workshop Proceedings*, Oracle, Arizona, **NASA-CP-2312**, National Aeronautics and Space Administration (NASA), Washington, DC, 64-67. [dune
- Greeley, R. 1985b. *Planetary landscapes*, Allen and Unwin, Hemel Hempstead, 256 pp. [dune Geol I 7 GRE
- Greeley, R. 1986a. Aeolian landforms: laboratory simulations and field studies, in *Aeolian geomorphology*, Ed. Nickling, W.G., *17th Proceedings of the International Binghampton Symposium in Geomorphology*, Allen and Unwin, London, 195-211. [dune ripples
- Greeley, R. 1986b. Aeolian activity as a planetary process, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Neijhof, Dordrecht, 159-196. [dune sdmo
- Greeley, R. and Black, D., Eds. 1978. *Abstracts for the Planetary Field Conference on Aeolian Processes*, **TM-78455**, National Aeronautics and Space Administration (NASA), Washington, DC, 59 pp. [dune
- Greeley, R., Christensen, P.R. and Carrasco, R. 1989. Shuttle radar images of wind streaks in the Altiplano, Bolivia, *Geology*, **17** (7), 665-668. [dune

- Greeley, R., Christensen, P.R., McHone, J.F., Asmerom, Y. and Zimbelman, J.R. 1984. *Analysis of the Gran Desierto - Pinacate region, Sonora, Mexico via shuttle imaging radar, Contractor Report, 2284*, National Aeronautics and Space Administration (NASA), Washington, DC, 44 pp. [dune or McHare ??]
- Greeley, R. and Iversen, J.D. 1978. Field guide to Amboy lava flows, San Bernardino County, California, in *Aeolian features of southern California: a comparative planetary guidebook*, National Aeronautics and Space Administration (NASA), Washington DC, 24-52. [dune sdmo]
- Greeley, R. and Iversen, J.D. 1985. *Wind as a geological process on Earth, Mars, Venus and Titan*, Cambridge University Press, Cambridge, 333 pp. [dune geog e 23 gre]
- Greeley, R. and Iversen, J.D. 1986. Aeolian processes and features at Amboy Lava Field, California, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 290-317. [dune]
- Greeley, R. and Iversen, J.D. 1987. Measurements of wind friction speeds over lava surfaces and assessment of sediment transport, *Geophysical Research Letters*, **14** (9), 15-20. [sdmo]
- Greeley, R., Iversen, J.D., Leach, R., Marshall, J., White, B.R. and Williams, S. 1984. Windblown sand on Venus: preliminary results of laboratory simulations, *Icarus*, **57** (1), 112-124. [ripples dune sdmo]
- Greeley, R., Iversen, J.D., Pollack, J.B., Udovich, N. and White, B.R. 1973. Wind tunnel studies of martian aeolian processes, *Technical Memorandum*, **62**, National Aeronautics and Space Administration (NASA), Washington, DC, 297 pp. [ripple dune sdmo]
- Greeley, R., Iversen, J.D., Pollack, J.B., Udovich, N. and White, B.R. 1974a. Wind tunnel studies of martian aeolian processes, *Proceedings of the Royal Society of London*, **A 341** (1626), 331-350. [ripples dune sdmo]
- Greeley, R., Iversen, J.D., Pollack, J.B., Udovich, N. and White, B.R. 1974b. Wind tunnel simulations of light and dark streaks on Mars, *Science*, **183** (4127), 847-849. [dune sdmo]
- Greeley, R., Iversen, J.D., White, B.R., Pollack, J.B. and Leach, R.N. 1977. Dust storms on Mars: considerations and simulations, *Desert Dust Symposium, Annual Meeting*, American Association for the Advancement of Science, Denver Colorado, *Technical Paper*, **TM 78423**, National Aeronautics and Space Administration (NASA), Washington, DC, ** [sdmo]
- Greeley, R., Koscielnak, D.E. and Hodge, D.S. 1971. Bruneau sand dune field, Idaho and its possible implications to Martian geology (abstract), *Eos*, **52** (11), 860.
- Greeley, R., Lancaster, N., Lee, S. and Thomas, P. 1988. Martian aeolian processes, sediments and features, in *Mars*, Eds. Kieffer, H., Jakosky, B.M., Snyder, C.W. and Matthews, M.S., University of Arizona Press, Tucson, AZ, 730-767. [dune sdmo]
- Greeley, R., Lancaster, N., Sullivan, R.J., Saunders, R.S., Theilig, E., Wall, S., Dobrovolskis, A., White, B.R. and Iversen, J.D. 1988. A relationship between radar backscatter and aerodynamic roughness, *Geophysical Research Letters*, **15** (6), 565-568. [sdmo dune]
- Greeley, R. and Leach, R. 1978. A preliminary assessment of the effects of electrostatics on aeolian processes, *Reports, Planetary Geology Program, 1977-8*, **TM 79729**, National Aeronautics and Space Administration (NASA), Washington, DC, 236-237. [sdmo]
- Greeley, R., Leach, R., White, B.R., Iversen, J.D. and Pollack, J.B. 1980. Threshold windspeeds for sand on Mars: wind tunnel simulations, *Geophysical Research Letters*, **7** (2), 121-124. [sdmo]

- Greeley, R., Malin, M., Williams, S. and Stewart, G. 1980. Field studies of aeolian patterns (abstract), *Reports of Planetary Geology Program*, **TM-82385** National Aeronautics and Space Administration (NASA), Washington, DC, 290-291. [dune]
- Greeley, R., Malone, K., Leach, R., Leonard, R. and White, B.R. 1980. Flux of wind-blown particles on Mars: preliminary wind-tunnel determination, *Reports of Planetary Geology Program*, **TM-82385**, National Aeronautics and Space Administration (NASA), Washington, DC, 278-279. [sdmo]
- Greeley, R. and Marshall, J.R. 1985. Transport of venusian rolling stones by wind ? *Nature*, **313** (6005), 771-773. [sdmo]
- Greeley, R., Marshall, J.R. and Leach, R. 1984. Microdunes and other aeolian bedforms on Venus: wind-tunnel simulations, *Icarus*, **60** (1), 152-160. [sdmo, ripples]
- Greeley, R., Marshall, J.R. and Pollack, J.B. 1987. Physical and chemical modification of the surface of Venus by windblown sand particles, *Nature*, **327** (6120), 313-314. [sdmo]
- Greeley, R., Papson, R. and Veverka, J. 1978. Crater streaks in the Chryse Planitia Region of Mars: early Viking results, *Icarus*, **34** (3), 556-567. [sdmo]
- Greeley, R. and Peterfreund, A.R. 1981. Aeolian 'megaripples': examples from Mono Craters, California and northern Iceland, *Geological Society of America, Abstracts with Program*, **13** (7), 463. [dune]
- Greeley, R., White, B.R., Leach, R.N., Iversen, J.D. and Pollack, J.B. 1976. Mars: wind friction speeds for particle movement, *Geophysical Research Letters*, **7**, 121-124. [sdmo]
- Greeley, R., White, B.R., Leach, R., Leonard R., Pollack, J. and Iversen, J. 1980. Venus aeolian processes: saltation studies and the Venusian wind-tunnel, *Reports of Planetary Geology Program*, **TM-82385**, National Aeronautics and Space Administration (NASA), Washington, DC, 275-277. [sdmo]
- Greeley, R., Williams, S.H. and Marshall, J.R. 1983. Velocities of windblown particles in saltation: preliminary laboratory and field measurements, in *Eolian sediments and landforms*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 133-148. [sdmo]
- Greeley, R., Womer, M.B., Papson, R.P. and Spudis, P.D. 1978. *Aeolian features of southern California: a comparative planetary geology handbook*, National Aeronautics and Space Administration (NASA), Washington, DC, 264 pp. [dune brief abstract in Busche *et al.* 1984]
- Green, F.E. 1951. *Geology of sand dunes, Lamb and Hale Counties, Texas*, unpublished M.Sc. dissertation, Texas Technical College, **
- Green, F.E. 1961. The Monahans Dunes area, in *Palaeoecology of the Llano Estacado*, Ed. Wendorf, F., *Publication*, **1**, Fort Burgwin Research Center, 22-47.
- Greenwood, B. 1969. Sediment parameters and environment discrimination: an application of multivariate statistics, *Canadian Journal of Earth Sciences*, **6**, 1347-1358. [sand]
- Greenwood, B. 1972. Modern analogues and the evaluation of a Pleistocene sedimentary sequence, *Transactions of the Institute of British Geographers*, **56**, 145-170. [codn sand dnbed]
- Greenwood, B. 1978. Spatial variability of texture over a beach-dune complex, North Devon, England, *Sedimentary Geology*, **21** (1), 21-44. [sand codn]
- Greenwood, P.W. 1983. Early Holocene reactivation of clay dunes in northern New South Wales, in *Quaternary dust mantles of China, New Zealand and Australia*, Ed. Wasson, R.J., Department of Biogeography and Geomorphology, Australian National University, Canberra, 241-** [stbdn]

- Greig-Smith, P., Gemmel, A.R. and Gimingham, C.H. 1947. Tussock formation in *Ammophila arenaria* (L.) Link, *New Phytologist*, **46**, 262-268. [codn dnveg]
- Gresswell, R.K. 1937. The geomorphology of the south-west Lancashire coastline, *Geographical Journal*, **90** (4), 335-349. [codn]
- Gresswell, R.K. 1953. *The sandy shores of South Lancashire*, Liverpool University Press, 194 pp. [codn Dreqd/gre]
- Gresswell, R.K. 1957. *The physical geography of beaches and coastlands*, Hulton Educational, 128 pp. [codn]
- Grey, D.R.C. and Cooke, H.J. 1977. Some problems in the Quaternary evolution of landforms in northern Botswana, *Catena*, **4**, 123-133. [stbdn]
- Griffin, C. 1983. *A palaeoenvironmental interpretation of Qatar dune sands using the scanning electron microscope*, unpublished report, Qatar Ministry of Public Works, **
- Griffin, G.F., Saxon, E.C. and Allan, G.E. 1986. Return of fire management to Uluru, in *Rangelands: resource under siege*, Eds. Joss, P.J., Lynch, P.W. and Williams, O.B., *Proceedings of the 2nd International Rangeland Congress*, Adelaide, May, 1985, Cambridge University Press, Cambridge, 507-508. [dnuse dnveg]
- Grigal, D.F., Severson, R.C. and Goltz, G.E. 1976. Evidence of eolian activity in north-central Minnesota 8 000 to 5 000 years ago, *Bulletin of the Geological Society of America*, **87** (9), 1251-1254. [stbdn]
- Griggs, G.B. and Walsh, B.L. 1980. The impact, control and mitigation of offroad vehicle activity in Hungry Valley, California, *Environmental Geology*, **3**, 229-243. [dnuse]
- Grimes, K.G. 1979. Carbon-14 dates and the evolution of Fraser Island, *Queensland Government Mining Journal*, **80**, 79-82. [codn]
- Gripp, K. 1960. Sandwind-Formen an der Nordsee-Küste, *Natur und Volk*, **90** (2), 46-59. [codn dune]
- Gripp, K. 1961a. Über Werden und Vergehen von Barchanen an der Nordseeküste Schleswig-Holsteins, *Zeitschrift für Geomorphologie*, NF **5** (1) 24-36. [dune codn brief abstract in Busche *et al.* 1984]
- Gripp, K. 1961b. Über den Abtrag den Rippelfelder, *Neues Jahrbuch der Geologie und Paläontologie, Monatshefte*, **1961**, 474-477. [ripple]
- Gripp, K. 1967. Flugsand, Dünen, Vorgeschichte, *Fundamenta*, **B 2** (2), *A.Rust Festschrift*, Böhlem, Cologne, 228-243. [dune sdmo codn]
- Gripp, K. 1968. Zur jüngsten Erdgeschichte von Hörnum/Sylt und Amrum mit einer Übersicht über die Entstehung der Dünen in Nordfriesland, *Die Küste*, **16**, 76-117. [codn]
- Groba, E. 1954. Beitrag zur Entstehung des Neu-Darß und die Entwicklung der hohen Dünen auf dem Darß und Zingst, *Wasserwirtschaft-Wassertechnik*, **4** (6), 210-214. [codn]
- Groba, E. 1956. Dünen und Seegatts zwischen Ostsee und Bodden, *Monatshefte*, **1**, N. Mecklenberg, 63-67. [codn]
- Grolier, M.J., Eriksen, G.E., McCauley, J.F. and Morris, E.C. 1974. The desert landforms of Peru: a preliminary photographic atlas, *Interagency Report, Astrogeology*, **57**, United States Geological Survey, 146 pp. [dune]

- Grolier, M.J., Eriksen, G.E., McCauley, J.F. and Morris, E.C. 1979. The desert landforms of Peru: a preliminary photographic atlas, *Interagency Report, Astrogeology*, **57**, United States Geological Survey, 146 pp. [dune 1974 ??]
- Grolier, M.J. and Schultejann, P.A. 1982. The environment of south-central Tunisia as observed on Landsat scene 206/036, *United States Geological Survey, Open-File Report*, **82-0130**, 43 pp. [dune]
- Grolier, M.J., Ward, A.W. and McCauley, J.F. 1976. Wind trends in Peru and on Mars (abstract), *Reports of Accomplishments of Planetary Programs, 1975-1976*, **TM X-3364**, National Aeronautics and Space Administration (NASA), Washington, DC, 115-116. [dune]
- Grommelin, R.D. 1965. Sediment-petrologie en herkomst van Jeng-Pleistoseen deland in Nederland, *Boor en Spade*, **14**, 138-150. [or Grommeli ?? stbdn]
- Grooss, ** 1847. *Veiledning ved Behandlingen of Sandflugstrækningerne I Jylland*, ** [codn dnuse]
- Grove, A.T. 1958. The ancient erg of Hausaland and similar formations on the south side of the Sahara, *Geographical Journal*, **124** (4), 526-533. [stbdn]
- Grove, A.T. 1959. A note on the former extent of Lake Chad, *Geographical Journal*, **125** (3-4), 465-467. [stbdn dune]
- Grove, A.T. 1960a. Geomorphology of the Tibesti region with special reference to the western Tibesti, *Geographical Journal*, **126** (1), 18-31. [dune]
- Grove, A.T. 1960b. Note in Prescott, J.R.V. and White, H.P., Sand formations of the Niger Valley between Niamey and Bourem, *Geographical Journal*, **126** (2), 202-203. [dune]
- Grove, A.T. 1969a. Landforms and climatic change in the Kalahari and Ngamiland, *Geographical Journal*, **135** (3), 191-212. [dune stbdn abstract in Busche *et al.* 1984]
- Grove, A. T. 1969b. The last 20 000 years in the tropics, in *Geomorphology in a tropical environment*, Ed. Harvey, A.M., *Occasional Paper*, **5**, British Geomorphological Research Group (BGRG) **5**, 51-61. [or 1967 ?? stbdn]
- Grove, A.T. 1970. Rise and fall of Lake Chad, *Geographical Magazine*, **42**, 433-439. [stbdn]
- Grove, A.T. 1972. Climatic change in Africa in the last 20,000 years, in *Les problèmes de développement du Sahara septentrional, Proceedings of the International Geographical Union Conference*, Ouargla, 1971, **II**, Alger, Institut de Géographie, ** [stbdn]
- Grove, A.T. 1978. Geographical introduction to the Sahel, *Geographical Journal*, **144** (3), 407-415. [stbdn]
- Grove, A.T. and Pullan, R.A. 1963. Some aspects of the Pleistocene palaeo-geography of the Chad Basin, in *African ecology and human evolution*, Eds. Howell, F.C. and Bourlière, F., Aldine, Chicago, 230-245. [stbdn]
- Grove, A.T. and Warren, A. 1968. Quaternary landforms and climate on the south side of the Sahara, *Geographical Journal*, **134** (2), 194-208. [dune stbdn abstract in Busche *et al.* 1984]
- Grun, R., Packman, S.C. and Pye, K. 1989. Problems involved in TL dating of Danish coversands using K-feldspars, *Synopses from a Workshop on Long and Short Range Limits in Luminescence Dating, Occasional Publication*, **9**, Research Laboratory for Archaeology and the History of Art, Oxford University, Oxford, 13-18. [stbdn]

- Gruvel, A. and Chudeau, R. 1912. *A travers la Mauritanie occidentale (de Saint Louis à Port-Etienne)*. **2. Partie scientifique**, Gouvernement générale de l'Afrique occidentale française, E. Larose, Paris 383 pp. [dune]
- Guang-Rong, D., Bao-Sheng, L., Shang-Yu, G., Zheng, W. and Ya-Jun, S. 1983. The Quaternary ancient aeolian sand in the Ordos Plateau (in Chinese), *Acta Geographica Sinica*, **38** (4), 341-347. [stbdn]
- Gudelis, V. 1957. The dunes of Kursiu Nerija and some methodological questions of the studies of contemporaneous aeolodynamics. Problems of fixation and foresting of sands (in Russian), *Trudy Instituta Geologicheskogo-Geograficheskogo, Akademii Nauk, Litovskoj SSR*, **13**, 185-198. [codn dnuse sdm]
- Gudelis, V. 1960. Geology and history of development of the coastal dunes on the spit Kursiu Nerija (in Russian), *Trudy Instituta Geologeskogo, Akademii Nauk, Estonskaya SSR*, **5**, 305-315. [codn]
- Gudelis, V. 1982. Haff. Nehrung, in *The encyclopedia of beaches and coastal environments*, Ed. Schwartz, M.L., Hutchinson Ross, Stroudsburg, PA, 629-630. [codn geol a 2 ency]
- Gudelis, V. and Michaliukaite, E. 1959. On the question of lithology and eolodynamical differentiation of recent dune sands on the spit Kursiu Nerija (in Lithuanian), *Geografinis Metrastis*, **2**, 535-564. [codn]
- Gudelis, V. and Michaliukaite, E. 1976. Ancient parabolic dunes of Kursiu Nerija (in Russian), in *Geographica Lithuanica*, Eds. Basalykas, A. and Gudelis, V., *Collected papers of the 23rd International Geographical Congress*, Vilnius, 59-63. [codn]
- Gudelis, V. and Minkevicius, V. 1963. Lythodynamic spectra of sand drift in the coastal dunes of Lithuania (in Russian), *Baltica*, **1**, 211-232. [codn sdm]
- Gudelis, V. and Minkevicius, V. 1976. The history of the fore-dune construction at the Lithuanian Baltic Sea coast (in Lithuanian), *Geografinis Metrastis*, **4**, 45-51. [codn]
- Gudelis, V. and Minkevicius, V. 1977a. Morphological characteristics of protectional dune ridge (PDR) on the spit of Kursiu Nerija and on the mainland shore. 1. PDR classification (in Russian), *Trudy Instituta Geologicheskogo-Geograficheskogo, Akademii Nauk, Litovskoj SSR*, **B 1977** (2), 129-137. [codn]
- Gudelis, V. and Minkevicius, V. 1977b. Morphological characteristics of protectional dune ridge (PDR) on the spit of Kursiu Nerija and on the mainland shore. 2. Abrasional section of the spit (in Russian), *Trudy Instituta Geologicheskogo-Geograficheskogo, Akademii Nauk, Litovskoj SSR*, **B 1977** (4), 147-153. [codn]
- Gudelis, V. and Minkevicius, V. 1979. Morphological characteristics of protectional dune ridge (PDR) on the spit of Kursiu Nerija and on the mainland shore. 3. Transition section on the spit shore (in Russian), *Trudy Instituta Geologicheskogo-Geograficheskogo, Akademii Nauk, Litovskoj SSR*, **B 1979** (3), 143-147. [codn]
- Gudelis, V. and Savukyniene, N. 1988. Fossilized forest soils of the old near-shore dunes in Lithuania (Kurshian Spit) (abstract) (in Russian), *International Conference on Problems of the Holocene*, Tblisi, 33-34. [stbdn dnsol codn]
- Gudelis, V. and Vaitonienė, R. 1976. Morphological and genetic-morphodynamical (evolutional) classifications of the ancient inland dunes in the humid zone, Lithuania, *Studia Societatis Scientiarum Torunensis*, Section C, *Geographia et Geologia*, **8** (4-6), 75-83. [stbdn abstract in Busche et al. 1984]
- Guderski, I. 1946. Dunes littorelas, (Polish, French abstract), *Las Polski*, **20**, 20-22. [codn]
- Guérin, P.D. 1966. Stabilizing and managing mallee sandhills, *Journal of Agriculture of South Australia*, **69**, 305-309. [dnuse stbdn]

- Guilcher, A. 1958. Discussion of Cooper, W.S. 1958. The coastal sand dunes of Oregon and Washington, *Revue de Géomorphologie dynamique*, **9**, 119. [codn
- Guilcher, A. 1959. Coastal sand dune ridges and marshes and their continental environment near Grand Popo and Ouidah, Dahomey, *Proceedings of the 2nd International Coastal Geography Conference*, Louisiana State University, Baton Rouge, LA, 189-212. [codn
- Guilcher, A. 1978. Les crêtes littorales dunifiées de type Darss de la Baie de Goulven, Bretagne comparées à celles de l'île de Wolin, Pologne, *Wissenschaftliche Zeitschrift der Ernst-Moritz-Arndt-Universität Greifswald*, **27**, 26-33. [codn
- Guilcher, A. and Cailleux, A. 1950. Relief et formations quaternaires du centre est des Pays Bas, *Revue de Géomorphologie dynamique*, **1**, 128-143. [stbdn
- Guilcher, A., Godard, ** and Vesaux, ** 1952. Les crêtes et sillons obliques de l'estra** des Landes de Gascogne, *C.O.E.C. Bulletin*, **4**, 151-157. [codn
- Guilcher, A. and Joly, F. 1954. Recherches sur la morphologie de la côte atlantique du Maroc, *Travaux de l'Institut de Service cherifien pour Géologie et Géographie physique*, **2**, ** [codn ?
- Guilcher, A. and King, C.A.M. 1961. Spits, tombolos and tidal marshes in Connemara and West Kerry, Ireland, *Proceedings of the Royal Irish Academy*, **B 61** (17), 283-338. [codn
- Guilcher, A. and Moign, A. 1977. Coastal conservation and coastal geomorphology in France, *Geographical Journal*, **143** (3), 378-393. [codn dnuse
- Guinaudeau, J. and Castaing, G. 1963. Le reboisement des dunes maritimes de la région landaise, *Revue forestière française*, **15** (5), 387-400. [codn dnuse
- Guinness, E.A., Leff, C.E. and Arvidson, R.E. 1982. Two years of surface changes seen at the Viking landing sites, *Journal of Geophysical Research*, **87** (B12), 10051-10058. [sdmo ripple ?
- Guillot, B. 1987. Tempête de sable au Sahara. Commentaire de la photographie de couverture (IR Météosat, 12h 00 TU, 12-13 août, 1987), *Veille climatique satellitaire*, Lannion, **19**, 30-36. [sdmo
- Gunatilaka, A. and Mwango, S. 1987. Continental sabkha pans and associated nebkhas in southern Kuwait, Arabian Gulf, in *Desert sediments: ancient and modern*, Eds. Frostick, L. and Reid, I., *Special Publication*, **35**, Geological Society of London, Blackwell, Oxford, 187-203. [dune geol e 58 fro
- Gunatilaka, A. and Mwango, S.B. 1989. Flow separation and the internal structure of shadow dunes, *Sedimentology*, **61** (4), 125-134. [dnbed
- Gunderson, H.L. 1962. *An eight and one-half year study of the red-backed vole (Clethrionomys gapperi Vigors.) at Cedar Creek Forest, Anoka and Isanti Counties, Minnesota*, unpublished Ph.D. dissertation, University of Michigan, ** [dune dnveg
- Gunther, S.V. 1907. Ein Naturmodel der Dünenbildung, *Akademie der Wissenschaften, München, mathematische-physikalische Klasse, Sitzungsberichte*, **37**, 139-153. [dune
- Gupta, J.P. 1979. Observations on the periodic variations of moisture in stabilised and unstabilised dunes of the Indian Desert, *Journal of Hydrology*, **41** (1-2), 153-156. [stbdn abstract in Busche *et al.* 1984 dnhyd
- Gupta, J.P. and Aggarwal, R.K. 1980. Sand movement studies under different land use conditions of western Rajasthan, in *Arid-zone research and development*, Ed. Mann, H.S., Scientific Publications, Ratanada, Jodhpur, 109-114. [sdmo dnuse abstract in Busche *et al.* 1984

- Gutman, A.L. 1977a. Orientation of coastal parabolic dunes and relation to wind vector analysis, in *Processes and resulting forms of sediment accumulation, Currituck Spit, Virginia/North Carolina*, Ed. Goldsmith, V., SRAMSOE **143**, Virginia Institute of Marine Science, Gloucester Point, VA, 28.1-28.17. [codn]
- Gutman, A.L. 1977b. Movement of a large sand hill: Currituck Spit, Virginia/North Carolina, in *Coastal processes and resulting sediment accumulation, Currituck Spit, Virginia / North Carolina*, Ed. Goldsmith, V., Virginia Institute of Marine Science, Gloucester Point, VA, 29-1 to 29-19. [codn dnuse]
- Gutman, A.L. 1977c. Aeolian grading of sand across two barrier island transects, Currituck Spit, Virginia/North Carolina, in *Coastal processes and resulting sediment accumulation, Currituck Spit, Virginia/North Carolina*, Ed. Goldsmith, V., Virginia Institute of Marine Science, Gloucester Point, VA, 35-1 to 35-16. [codn dnuse]
- Gutman, A.L. 1978. *The interaction of eolian transport, vegetation and dune geomorphology, Currituck Spit, Virginia/North Carolina*, unpublished Ph.D. dissertation, Virginia Institute of Marine Science, Gloucester Point, VA, 190 pp. [codn dnuse]
- Guy, H.P., Simons, D.B. and Richardson, E.V. 1966. *Summary of alluvial channel data from flume experiments from 1956 to 1961, United States Geological Survey, Professional Paper, 462-I*, 96 pp. [dunelog]
- Guy, M. and Mainguet, M. 1975. Les courants de transport éolien au Sahara et leurs manifestations au sol, *Comptes rendus de l'Académie des Sciences, Paris*, **D 281**, 103-106. [dune sdmo brief abstract in Busche et al. 1984]
- Gyr, A. 1982. Towards a better definition of the three types of sediment transport, *Journal of Hydraulics Research*, **21** (1), 1-15. [sdmo]
- Haas, J.A. and Steers, J.A. 1964. An aid to the stabilisation of sand dunes experiments at Scolt Head Island, *Geographical Journal*, **130** (2), 265-267. [codn dnuse]
- Habbe, K.A. 1974. Beobachtungen an Dünen des Nurnberger Reichswaldes (abstract), *Eiszeitler und Gegenwart, deutsches Quartaervereinigung Jahrbuch*, **25**, 215. [dune stbdn abstract in Busche et al., 1984 annexe]
- Habbe, K.A. 1977. On the erosion surface beneath a Weichselian dunefield in the periglacial zone of middle Europe (Lorenzer Reichswald near Nuremberg, West Germany), *Abstracts, 10th Congress, International Quaternary Research Association (INQUA)*, Birmingham, 187. [stbdn abstract in Busche et al., 1984 annexe]
- Habbe, K.A. 1981. Die äolischen Sandablagerungen vor dem Albtrauf un Franken und ihre Bedeutung für die Rekonstruktion der jungpleistozanen Klimaentwicklung, *Tagungsberichte und wissenschaftlichen Abhandlungen. Verhandlungen des deutschen Geographentags*, **42**, Göttingen, 1979, 276-278. [stbdn abstract in Busche et al., 1984 annexe]
- Habbe, K.A., Miehle, F. and Wimmer, F. 1981. Über zwei ¹⁴C-daten aus frankischen Dünensanden, *Geologische Blätter für nordöstbayern und angrenzende Gebiete*, **31**, 208-221. [stbdn abstract in Busche et al., 1984 annexe]
- Habib, A. 1982. *Lutte contre l'ensablement des palmeraies dans le sud Marocain, Maroc. Développement rural intégré dans les palmeraies du sud Maroc, Provinces d'Ouarzatte et d'Errachide. Rapport de consultation*, Forestry Department, **FAO-FO-MOR/78/017**, Food and Agriculture Organization of the United Nations (FAO), Rome, 55 pp. [dnuse]
- Hachisuka, M., Ed. 1932. *Le Sahara*, Société des Editions géographiques maritimes et coloniales, Paris, 167 pp. [dune]

- Hack, J.T. 1941. The dunes of western Navajo county, *Geographical Review*, **31** (2), 240-362.
- Hack, J.T. 1943. Antiquity of the Finley site, *American Antiquity*, **8**, 235-241. [dune]
- Haeseler, V. 1989a. The situation of the invertebrate fauna of coastal dunes and sandy coasts in the western Mediterranean (France, Spain), in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J.H., SPB Academic, The Hague, 125-132. [codn dnveg]
- Haeseler, V. 1989b. A new dune island in the southern North Sea, *Eurodunes*, **2** (1), 21-25. [codn]
- Haetzschels, ** 1938. Bau und Bildung von Rippen in Wattenmeer, *Senckenberg Naturforschungs Gesellschaft Abhandlungen*, **20**, 1-42. [dunelog]
- Hafenrichter, A.L. 1967. Lassoing the West's rampaging dunes, *Yearbook*, United States Department of Agriculture, 318. [dnuse]
- Haff, P.K. 1983. Grain flow as a fluid-mechanical phenomenon, *Journal of Fluid Mechanics*, **134**, 401-430. [sdmo dune]
- Haff, P.K. 1986a. Booming sands, *American Scientist*, **74** (4), 376-381.
- Haff, P.K. 1986b. A physical picture of kinetic granular fluids, *Journal of Rheology*, **30** (5), 931-948. [sdmo ?]
- Haff, P.K. and Presti, D.E. 1984. *Barchan dunes of the Salton Sea region, California, Brown Bag Preprint Series in Basic and Applied Science*, **BB-16**, California Institute of Technology, ** pp.
- Haff, P.K. and Werner, B.T. 1986. Computer simulation of the mechanical sorting of grains, *Powder Technology*, **48** (3), 239-245. [sdmo sand]
- Hagedorn, H. 1965. Die morphologische Wirkung der Sturmflut vom 16./17. Februar 1962 auf die Küste bei Duhnen im Elb-Weser-Winkel, *Petermanns geographische Mitteilungen*, **109** (2), 103-112. [codn]
- Hagedorn, H. 1971. Untersuchungen über Relieftypen arider Räume an Beispielen aus dem Tibesti-Gebirge und seiner Umgebung, *Zeitschrift für Geomorphologie, Supplement Band*, **11**, 251 pp. [dune abstract in Busche *et al.* 1984]
- Hagedorn, H. 1974. Gegenwärtige dealische Abtragungsprozesse in der Zentrale Sahara, *Akademie der Wissenschaften in Göttingen mathematische-physikalische Klasse Abhandlungen*, **3** (29), 230-249. [sdmo dune]
- Hagedorn, H. 1977. *Dune stabilization. A survey of literature on dune formation and dune stabilization*, Deutsche Gesellschaft fuer Technische Zusammenarbeit (GTZ), Eschborn, ... [dnuse]
- Hagedorn, H. 1979a. Aeolian relief forms at the western margin of the Murzuk basin, *Palaeoecology of Africa*, **11**, Ed. van Zinderen Bakker, E.M.Sr., Balkema, Rotterdam, 55-57. [dune or 2 ??]
- Hagedorn, H. 1979b. Das Verteilungsmuster der Dünen am Westrand des Murzuk-Bekens, Zentrale Sahara, in *Natur und Wirtschaftsgeographische Forschungen in Afrika*, Ed. Budel, J., *Würzburg geographische Abhandlungen*, **49**, 103-123. [dune abstract in Busche *et al.* 1984]
- Hagedorn, H., Giessner, K., Weise, D., Busche, D. and Grunert, J. 1977. *Dune stabilization: a survey of the literature on dune formation and dune stabilization*, *Schriftenreihe der deutschen Gesellschaft für Technische Zusammenarbeit (GTZ)*, **65**, Geographisches Institut, Universität Würzburg, GTZ, Eschborn, 194 pp. [dnuse]

- Hagen, L. 1916. Fixation of sand dunes, *Professional Memoirs*, **8** (41), United States Army Corps of Engineers, 684-686. [dnuse]
- Hagen, L.J. and Armbrust, D.V. 1985. Effects of field ridges on soil transport by wind, *Proceedings of the International Workshop on the Physics of Blown Sand*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 563-586. [sdmo]
- Hahmann, P. 1912. Die Bildung von Sanddünen bei gleichmaessiger Störmung, *Annalen der Physik*, Serie 4, **39**, 637-676. [dune]
- Hails, J.R. 1967. Significance of statistical parameters for distinguishing sedimentary environments in New South Wales, Australia, *Journal of Sedimentary Petrology*, **37** (4), 1059-1069. [sand]
- Hails, J.R. 1977. Applied geomorphology in coastal zone planning and management, in *Applied geomorphology*, Ed. Hails, J.R., Elsevier, Amsterdam, 317-362. [codn geog e 20 hai]
- Hails, J.R. and Bennet, J. 1980a. Air-sediment interaction processes controlling dune migration in the Lower Coorong, South Australia, *17th International Conference on Coastal Engineering*, Sydney, 268. [codn abstract in Busche *et al.* 1984]
- Hails, J.R. and Bennet, J. 1980b. Wind and sediment movement in coastal dune areas, *17th International Conference on Coastal Engineering*, Sydney, 1565-1575. [codn sdmo]
- Hails, J.R. and Hoyt, J.H. 1969. The significance and limitations of statistical parameters for distinguishing ancient and modern sedimentary environments of the lower Georgia coastal plain, *Journal of Sedimentary Petrology*, **39** (2), 559-580. [sand]
- Hajej, M.S. and Jensen, A.M. 1984. *Projet de developpement des oases en Mauritanie: travaux de protection et devis estimatifs*, Food and Agriculture Organisation of the United Nations (FAO), Rome, 82 pp. [dnuse]
- Halcrow, Sir William and Partners *et al.* 1976. *Suez master plan*, 3 volumes, Ministry of Housing and Construction, Government of Egypt, ** [dnuse brief abstract in Busche, *et al.*, 1984]
- Hall, B.R. and Folland, C.J. 1967. *Soils of the south-west Lancashire coastal plain*, Sheets 74, 83, *Memoir*, Soil Survey of England and Wales, Harpenden, 118 pp. [stbdn ull 53 UAGe/Soi]
- Hall, I.H.S. and Chisholm, J.I. 1987. Aeolian sediments in the late Devonian of the Scottish Midland valley, *Scottish Journal of Geology*, **23** (P2), 203-208. [dnbed]
- Hallégouët, B. 1978. L'évolution des massifs dunaire du Pays de Leon (Finistère), *Penn ar Bed* (Brest), **11**, 417-430. [codn or 95 ??]
- Hallégouët, B. 1981. Les crêtes littorales dunifiées du Massif Armoricaïn, France: formation et évolution, *Géographie physique et quaternaire*, **35**, 205-218. [codn]
- Hallégouët, B. and Moign, A. 1976. Histoire d'évolution de littorale dunaire: la baie de Goulven (Finistère), *Penn ar Bed*, **10**, Brest, 263-276. [codn]
- Hallermeier, R.J. 1981. Terminal settling velocities of commonly occurring sand grains, *Sedimentology*, **28** (6), 859-865. [sdmo]
- Hamberg, A. 1907. Die Eigenschaften der Schneedecke in den lapplandischen Gebiren, *Naturwissenschaften Untersuchungen des Sarekgebirges in Schwedisch-Lappland*, **1**, Abt. 3. Leif, 1. Stockholm, 1-68. [snow dune]

- Hamblin, D.J. 1979. Experiment in Tunisia effects pause in spread of Sahara's expanding sands, *Smithsonian*, **10** (5), 32-41. [dune dnuse]
- Hamblin, W.K. 1961. Micro-cross-lamination in Upper Keweenaw sediments of northern Michigan, *Journal of Sedimentary Petrology*, **31** (3), 390-401. [dnbed]
- Hambloch, H. 1958. Das Alter einiger dünen an der Ems, *Erdkunde*, **12** (2), 128-132. [stbdn reviewed in *Revue de Géomorphologie dynamique*, **, 95.
- Hamdan, R.A. 1965. *The size and shape characteristics of some modern desert sands*, unpublished Ph.D. dissertation, University of Sheffield, ** pp.
- Hamilton, A.C. and Carter, R.W.G. 1983. A mid-Holocene moss bed from aeolian dune sands near Articlave, Co. Londonderry, *Irish Naturalists Journal*, 21, 73-75. [codn dsol]
- Hamilton, T.D., Galloway, J.P. and Koster, E.A. 1988. Late Wisconsin eolian activity and related alluviation, central Kobuk River Valley, in *Geologic studies in Alaska by the United States Geological Survey during 1987*, Eds. Galloway, J.P. and Hamilton, T.D., *United States Geological Survey, Circular, C-1016*, 39-43. [dune]
- Hammond, F.D.C. and Heathershaw, A.D. 1981. A wave theory for sandwaves in shelf seas, *Nature*, **293** (5829), 208-210. [dunelog]
- Hampton, E.R. 1961. Groundwater from coastal dunes and beach sands, *United States Geological Survey, Professional Paper*, **424-B**, 204-206. [dnuse dnhyd codn]
- Hand, B.M. 1967. Differentiation of beach and dune sands using settling velocities of light and heavy minerals, *Journal of Sedimentary Petrology*, **37** (2), 514-521. [abstract in Busche *et al.* 1984]
- Hand, B.M. 1969. Antidunes as trochoidal waves, *Journal of Sedimentary Petrology*, **39** (4), 1302-1309. [dunelog]
- Hand, B.M. and Bartberger, C.E. 1988. Leese side sediment fallout patterns and the stability of angular bedforms, *Journal of Sedimentary Petrology*, **58**, 33-34. [dunelog]
- Hanna, S.R. 1969. The formation of longitudinal sand dunes by large helical eddies in the atmosphere, *Journal of Applied Meteorology*, **8** (6), 874-883. [abstract in Busche *et al.* 1984]
- Hannes, G. and Hannes, S.M. 1982. Lake Erie snow dunes, *Weatherwise*, **35**, 278-279.
- Hannes, G. and Hannes, S.M. 1984. Observations of snow dunes on Lake Erie, *Ohio Journal of Science*, **84**, 51-54.
- Hansen, S. 1965. The Quaternary of Denmark, in *The Quaternary*, **1**, Ed. Rankama, K. Interscience, New York, 1-90. [stbdn]
- Hansen, V. 1957. Sandflugten i Thy og dens indflydelse på Kulturlandskabet, *Geografisk Tidsskrift*, **56**, 69-92. [The movement of sand dunes, in Thy and its human consequences dnuse codn]
- Haque, M.I. and Mahmood, K. 1985. Geometry of ripples and dunes, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **111** (HY1), 48-63. [dunelog]
- Hardisty, J. 1983. An assessment and calibration of formulations of Bagnold's bedload equations, *Journal of Sedimentary Petrology*, **53** (3), 1007-1010. [sdmo]
- Hardisty, J. and Whitehouse, R.J.S. 1988a. Effect of bedslope on desert sand transport, *Nature*, **334** (6180), 302. [sdmo]

- Hardisty, J. and Whitehouse, R.J.S. 1988b. Evidence for a new sand transport process from experiments on Saharan dunes, *Nature*, **332** (6164), 532-534. [sdmo]
- Harland, W.B. 1978. Fulgurites, in *Encyclopedia of sedimentology*, Eds. Fairbridge, R.W. and Bourgeois, J., Dowden, Stroudsburg, PA, 144-145. [sand]
- Harlé, E. 1912. Dunes parallèles au vent sur la côte de Gascogne, *Comptes rendus sommaires de la Société géologique de France*, 34-36. [codn]
- Harlé, E. 1914. La fixation des dunes de Gascogne, *Bulletin de la Comité de Travaux historique et scientifique, Section géographique*, **29**, 181-224. [codn dnuse or 1920: *The fixation of the dunes of Gascony*, ** Wellington, ** ??]
- Harlé, E. and Harlé, J. 1917. Les dunes maritimes de la côte de Gascogne, *Comptes rendus de la Académie des Sciences à Paris*, **1**, **164**, 52-56. [codn]
- Harlé, E. and Harlé, J. 1919. Mémoire sur les dunes de Gascogne, avec observations sur le formation des dunes, Extrait du *Bulletin Sec. de Géographie du Comité des Travaux historiques et scientifiques*, **34**, Imprimerie national, Paris, 145 pp. [in rgs 482-c-e]
- Harman, J.R. 1970. Forest and climatic gradients along the southeastern shoreline of Lake Michigan, *Annals of the Association of American Geographers*, **60** (3), 457-465. [codn dnveg]
- Harmon, R.S., Land, L.S., Mitterer, R.M., Garrett, P., Schwarcz, H.P. and Larson, G.J. 1981. Bermuda during the last interglacial, *Nature*, **289** (5797), 481-483. [codn]
- Harms, J.C. 1969. Hydraulic significance of some sand ripples, *Bulletin of the Geological Society of America*, **80** (3), 363-396. [dunelog]
- Harms, J.C. 1979. Primary sedimentary structures, *Annual Review of Earth and Planetary Sciences*, **7**, 227-248. [dnbed]
- Harmse, J.T. 1980. *Die noordwaartse begrening van die duinse van die sentrale Namib langs die benede - Kuiseb*, unpublished M.Sc. dissertation, University of Stellenbosch, ** pp. [dune]
- Harmse, J.T. 1982. Geomorphologically effective winds in the northern part of the Namib sand desert, *South African Geographer*, **10** (1), 43-52. [dune abstract in Busche *et al.*, 1984 annexe]
- Harmse, J.T. 1988. The mobility of aeolian deposits on the South African west coast, in *Geomorphic studies in southern Africa*, Eds. Dardis, G.F. and Moon, B.P., Balkema, Rotterdam, 137-144. [codn geog qw 22 dar]
- Harmse, J.T. and Swanevelder, C.J. 1988. Further evidence for the applicability of Besler's "response diagram", *Zeitschrift für Geomorphologie*, NF **32**, (4), 471-479. [sand]
- Harnischmacher, A. 1954. Die Dünenlandschaft der ostfriesischen Inseln im Hinblick auf den Dünenschutz, *Wasser und Boden*, **6**, 263-364. [codn]
- Harpaz, Y., Shanan, L. and Tadmor, N.H. 1965. Effects of a synthetic rubber crust mulch on the emergence and early growth of three grasses on sand dunes, *Israeli Journal of Agricultural Research*, **15** (3), 149-153. [glue dnuse]
- Harper, W.G., Acott, L. and Frahm, E. 1932. Soil survey of the Brighton area, Colorado, *Series 1932*, **1**, United States Department of Agriculture, Bureau of Chemistry and Soils, 35 pp. [stbdn dnsol]

- Harrington, J.M. 1961. Geology of parts of Antofagasta and Atacama Provinces, northern Chile, *Bulletin of the American Association of Petroleum Geologists*, **45** (2), 169-197. [dune]
- Harrington, J.W. and Hazelwood, E.L. 1962. Comparison of Bahamian landforms with depositional topography of Nevia Lucia dune-reef-knoll complex, Texas, *Bulletin of the American Association of Petroleum Geologists*, **46** (3) I, 354-373. [codn dnbed]
- Harris, C. 1974a. Wind speed and sand movement in a coastal dune environment, *Area*, **6** (4), 243-249. [sdmo codn abstract in Busche *et al.*, 1984 annexe]
- Harris, C. 1974b. Oxwich Burrows, *Gower Journal*, **25**, 48-56. [codn]
- Harris, C.R. 1974. The evolution of North Bull Island, Dublin Bay, *Scientific Proceedings of the Royal Dublin Society*, **A 5**, 237-252. [codn]
- Harris, D. and Davy, A.J. 1986a. Strandline colonisation of *Elymus farctus* in relation to sand mobility and rabbit grazing, *Journal of Ecology*, **74** (4), 1045-1056. [codn dnveg]
- Harris, D. and Davy, A.J. 1986b. Regenerative potential of *Elymus farctus* from rhizome fragments and seed, *Journal of Ecology*, **74** (4), 1057-1067. [codn dnveg]
- Harris, D.J. 1967. Electrical effects of the Harmattan dust storms, *Nature*, **214**, 585. [sdmo abstract in Busche *et al.*, 1984]
- Harris, S.A. 1955. *The mechanical composition of certain recent and fossil beach and desert sand deposits*, unpublished M.Sc. dissertation, University of London, ** pp.
- Harris, S.A. 1957. The mechanical constitution of certain present-day Egyptian sand dunes, *Journal of Sedimentary Petrology*, **27** (4), 421-434.
- Harris, S.A. 1958a. Probability curves and the recognition of adjustment to depositional environment, *Journal of Sedimentary Petrology*, **28** (2), 151-163. [sand]
- Harris, S.A. 1958b. Differential analysis of aeolian sand, *Journal of Sedimentary Petrology*, **28** (2), 164-174.
- Harris, W.M.J. 1939. Physiography of Echuca District, *Proceedings of the Royal Society of Victoria*, **51**, 45-60. [dune]
- Harschbarger, J.W., Repenning, C.A. and Irwin, J.H. 1957. *Stratigraphy of the uppermost Triassic and Jurassic rocks of the Navajo County, United States Geological Survey, Professional Paper*, **291**, 74 pp. [dnbed]
- Hartmann, D. 1988. The goodness-of-fit to ideal Gauss and Rosin distributions: a new grain-size parameter, *Journal of Sedimentary Petrology*, **58** (5), 913-917. [sand]
- Hartmann, D. and Christiansen, C. 1988. Settling-velocity distribution and sorting processes on a longitudinal dune, *Earth Surface Processes and Landforms*, **13** (7), 649-56. [sdmo, sand, dune]
- Hartnack, W. 1925. *Wanderdünen pommerns, ihre Form und Entstehung*, Druck und Verlag von Julius Abel, Greifswald, 112 pp. [codn dune]
- Hartnack, W. 1926. *Die Küste Hinterpommerns unter besonderer Berücksichtigung der Morphologie*, Julius Abel, Greifswald, 324 pp. [codn]
- Hartnack, W. 1931. Zur Entstehung und Entwicklung der Wanderdünen an der deutschen Ostseeküste. Eine vergleichende Wanderdünenstudie, *Zeitschrift für Geomorphologie*, **6**, 174-217. [codn]

- Hassan, A.H. 1980. Problems of sand dunes in Somalia, *Somali Range Bulletin*, **10**, 26-30. [codn dnuse abstract in Busche *et al.* 1984]
- Hassanein Bey, A.M. 1924. Through Kufra to Darfur, *Geographical Journal*, **64** (4), 273-291; (5), 354-366. [dune]
- Hassanein Bey, A.M. 1925. *The lost oasis*, Butterworth, London, 316 pp. [dune]
- Hassenpflug, W. and Richter, G. 1972. Formen und Wirkungen der Bodenabspulung und -verwehung im Luftbild, *Landeskundliche Luftbildauswertung im mitteleuropäischen Raum*, **10**, Presses der Bundesforschungsanstalt für Landeskunde und Raumordnung, Bonn-Bad Godesburg, ** [codn dnuse abstract in Busche *et al.* 1984]
- Hastenrath, S.L. 1967. The barchans of the Arequipa region, southern Peru, *Zeitschrift für Geomorphologie*, NF **11** (2), 300-331. [dune abstract in Busche *et al.* 1984]
- Hastenrath, S.L. 1978a. Mapping and surveying - dune shape and multiannual displacement, in *Exploring the world's driest climate*, Eds. Lettau, H.H. and Lettau, K., *Report*, **101**, Institute for Environmental Studies, University of Wisconsin-Madison, Institute for Environmental Studies, 74-88.
- Hastenrath, S.L. 1978b. Physical properties of dune sand, in *Exploring the world's driest climate*, Eds. Lettau, H.H. and Lettau, K., *Report*, **101**, Institute for Environmental Studies, University of Wisconsin-Madison, Institute for Environmental Studies, 89-103. [sand]
- Hastenrath, S.L. 1987. The barchan dunes of southern Peru revisited, *Zeitschrift für Geomorphologie*, NF **31** (2), 167-178. [dune]
- Hastings, J.D. 1971. Sand streets, *Meteorological Magazine*, **100** (5, 1186), 155-159. [dune abstract in Busche *et al.* 1984]
- Havholm, K.G. 1986. *Draa dynamics. The study of a modern draa, Algodones Dune Field, California*, unpublished M.Sc. dissertation, University of Texas, Austin, 99 pp. [dnbed dune]
- Havholm, K.G. and Kocurek, G. 1988. A preliminary study of the dynamics of a modern draa, Algodones, southeastern California, *Sedimentology*, **35**, (4), 649-669. [dune]
- Hawk, V.B. and Sharp, W.C. 1967. Sand dune stabilization along the North Atlantic coast, *Journal of Soil and Water Conservation*, **22** (4), 143-146. [codn dnuse]
- Hawkins, A.B. and Sebbage, M.J. 1972. The reversal of sand waves in the Bristol Channel, *Marine Geology*, **12** (1), 7-9. [dunelog]
- Hayashi, T. 1970. Formation of dunes and antidunes in open channels, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **96** (HY2), 357-366. [dunelog]
- Hayford, F.S. 1947. *A petrographic analysis of the Great Sand Dunes of Colorado with conclusions as to source*, unpublished M.Sc. dissertation, Colorado College, 178 pp.
- Haynes C.V.Jr. 1982. Great Sand Sea and Selima Sand Sheet: geochronology of desertification, *Science*, **217** (4560), 629-633. [dune]
- Haynes, C.V.Jr. 1983. Quaternary studies, Western Desert, Egypt and Sudan, 1975-1978, *National Geographic Society Research Reports*, **15**, 257-293. [dune]
- Haynes, C.V.Jr. 1985. Quaternary studies, Western Desert, Egypt and Sudan, 1975-1978, *National Geographic Society Research Reports*, **19**, 269-341. [dune]

- Haynes, C.V.Jr. 1989. Bagnold's barchan: a 57-year record of dune movement in the eastern Sahara and implications for dune origin and palaeoclimate since Neolithic times, *Quaternary Research*, **32** (2), 153-167. [dune]
- Haynes, C.V.Jr. and Johnson, D.L. 1984. A provisional soil chronosequence for the Quaternary of the eastern Sahara, *Geological Society of America, Abstracts with Program*, 534-535. [dnsol]
- Heald, M.T. and Anderegg, R.C. 1960. Differential cementation of the Tuscarora Sandstone, *Journal of Sedimentary Petrology*, **30** (4), 568-577. [dnbed]
- Heald, M.T. and Larese, R.E. 1974. Influence of coatings on quartz sedimentation, *Journal of Sedimentary Petrology*, **44** (4), 1269-1274. [sdmo sand]
- Heathershaw, A.D. and Davies, A.G. 1985. Resonant wave refraction by transverse bedforms and its relation to beaches and offshore bars, *Marine Geology*, **62** (3-4), 321-338. [dunelog]
- Heathershaw, A. and Simpson, J. 1978. The sampling variability of Reynold's stress and its relation to the boundary shear stress and drag coefficient measurements, *Estuarine and Coastal Marine Science*, **6**, 263-274. [sdmo]
- He Daliang 1985. Problems on formation mechanisms of aeolian landform, *Zhong Guo Sha Mo (Journal of Desert Research)*, **5**, 3-37. [dune]
- Hedin, S. 1896. A journey through the Takla-Makan Desert, Chinese Turkestan, *Geographical Journal*, **8** (3), 264-278; (4), 356-372. [dune]
- Hedin, S. 1899. *Through Asia*, 2 volumes, Harper, London, ** [dune ull stack OL 3 / Hed]
- Hedin, S. 1903. *Central Asia and Tibet*, 2 Volumes, Charles Scribners and Sons, New York, 608 pp. [dune]
- Hedin, S. 1904-5. *The scientific results of a journey in central Asia, 1899-1902*, Lithographic Institute of the General Staff of the Swedish Army, Stockholm, **I. The Tarim Basin**, 521 pp. [dune]
- Hedin, S. 1905. *Scientific results of a journey in central Asia 1899-1902*, Lithographic Institute, General Staff, Swedish Army, Stockholm, 241 pp. [dune]
- Hefley, H.M. and Sidwell, R. 1945. Geological and ecological observations on some High Plains dunes, *American Journal of Science*, **243** (7), 361-376.
- Heidinga, H.A. 1984. Indications of severe drought during the 10th century A.D. from an inland dune area in the central Netherlands, *Geologie en Mijnbouw*, **63** (3), 241-248. [dnuse stbdn]
- Heikkinen, O. 1984. Environmental development among the Tenmile Creek coastal dunes in Oregon, USA, *Proceedings of the International Coastal Congress, ICC-Kiel*, '92, Eds. Steer, H., Hoisted, J. and Lag, H.-P., 283-295. [codn dnuse]
- Heikkinen, O. and Tikkanen, M. 1979. The Kalajoki dune field on the west coast of Finland, *Fennia*, **165** (2), 241-267. [codn dnuse]
- Heine, K. 1972. Proyecto Puebla Tlaxcala: las dunas en El Carmen, Tlaxacala, *Fundacion Alemana para la Investigacion Cientifica, Comunicaciones*, **6**, 13-20. [dune]
- Heine, K. 1981. Aride und Pluviale Bedingungen Während der Letzten altzeit in der Südwest-Kalahari, Südliches Africa. Ein Beiträge zur Klimagenetischen Geomorphologie der Dünen, Pfanen und Täler, *Zeitschrift für Geomorphologie, Supplement Band*, **38**, 1-37. [stbdn abstract in Busche et al. 1984]

Heine, K. 1982. The main stages of the Late Quaternary evolution of the Kalahari region, southern Africa, *Proceedings of the South African Society for Quaternary Research*, Eds. Vogel, J.A., Voigt, E.A. and Partridge, T.C., *Palaeoecology of Africa*, **15**, Eds. Coetzee, J.A. and van Zinderen Bakker, E.M.Sr., Balkema, Rotterdam, 53-76. [stbdn]

Heine, K. 1989. Some observations concerning the age of the dunes in the western Kalahari and paleoclimatic implications, *Palaeoecology of Africa*, **21**, 161-178. [stbdn]

Heisler, G.M. and Dewalle, D.R. 1988. Effects of wind-break structure on wind flow, *Journal of Agriculture, Ecosystems and Environment*, **22/23** (August), 41-69. [dnuse wneroc]

Hekking, W.H.A. 1960. Une inventaire phytosociologique des dunes de la côte méditerranéenne française entre Carnon et le Grau-du-Roi, *Proceedings van het Koninklijke Nederlandse Akademie van Wetenschappen*, **C 62** (5), 518-532. [codn dnveg]

Helle, R. 1965. Strandwallbildung im Gebiet am Unterlauf des Flusses Siikajoki, *Fennia*, **95** (1), 35 pp. [codn]

Heller, S.J. 1932. Sur la morphologie des quelques formations sabloneuses des Karakoum transcaspiens, *Gosundarstveennoe Geograficheskoe Obschches'tvo Izvestiya*, **64** (4-5), 387-390. [dune]

Heller, S.J. and Kunin, V. 1933. Sur l'origine des chaines de sable, *Comptes rendus de l'Académie des Sciences (Leningrad)*, NS **2**, 88-91. [dune]

Hellwig, D.H.R. 1973a. Evaporation of water from sand. 1. Experimental set-up and climatic influences, *Journal of Hydrology*, **18** (2), 93-108. [dnhyd abstract in Busche *et al.* 1984]

Hellwig, D.H.R. 1973b. Evaporation of water from sand. 2. Diurnal variations, *Journal of Hydrology*, **18** (2), 109-118. [dnhyd abstract in Busche *et al.* 1984]

Helmholtz, H. 1888. *Über atmosphärische Bewegungen*, Sitzungsberichte Königl. Preussischen Akademie von Wissenschaften, Berlin, ** [dunelog]

Hemming, C.F. and Trapnell, C.G. 1957. A reconnaissance classification of the soils of the South Turkana Desert, *Journal of Soil Science*, **8** (2), 167-183. [dune stbdn]

Hemmingway, J.E. and Clarke, A.M. 1963. Structure of ripple marks, *Nature*, **197** (4867), 550-551. [dunelog]

Hempel, L. 1980. Zur Genese von Dünengenerationen an Flätskusten. Beobachtungen auf den Nordseeinseln Wangerooge und Spiekeroog, *Zeitschrift für Geomorphologie*, NF **24** (4), 428-447. [codn abstract in Busche *et al.* 1984]

Hendrickx, J.M.H., Dekker, L.W., van Zuilen, E.J. and Boersma, O.H. 1988. Water and solute movement through water-repellent sand soil with grass cover, in *Proceedings of the International Workshop on the Validation of Flow and Transport Models for the Unsaturated Zone*, Eds. Wieringa, P.J. and Bachelet, D., Ruidoso, NM, 131-146. [dnsol dnhyd]

Hendry, D.A. 1987. Silica and calcium carbonate replacement in tropical dune sands, SE India, in *Desert sediments: ancient and modern*, Eds. Frostick, L.E. and Reid, I., *Special Publication*, **35**, Geological Society of London, Blackwell, Oxford, 309-320. [stbdn codn dnsol dsol geol e 58 fro]

Hennessey, J.T., Gibbens, R.P., Tromble, J.N. and Cardenas, M. 1983. Vegetation changes from 1933 to 1980 in mesquite dunelands and former grasslands of southern New Mexico, *Journal of Range Management*, **36**, 665-678. [dnveg dnuse]

- Hennessey, J.T., Gibbens, R.P., Tromble, J.N. and Cardenas, M. 1985. Mesquite (*Prosopis glandulosa*) dunes and interdunes in southern New Mexico: a study of soil properties and soil water relations, *Journal of Arid Environments*, **9** (1), 27-38. [stbdn dnsol dnvveg dnhyd]
- Hennessey, J.T., Kies, B., Gibbens, R.P. and Tromble, J.M. 1986. Soil sorting by forty-five years of wind erosion on a southern New Mexico range, *Journal of the Soil Science Society of America*, **50** (2), 391-394. [dnsol dnvveg sand]
- Hennigar, H.F.Jr. 1977a. A brief history of Currituck Spit (1600-1945), in *Coastal processes and resulting forms of sediment accumulation, Currituck Spit, Virginia/North Carolina*, Ed. Goldsmith, V., SRAMSOE **143**, Virginia Institute of Marine Science, Gloucester Point, VA, 3.1-3.21. [codn or henninger ??]
- Hennigar, H.F.Jr. 1977b. Evolution of coastal sand dunes: Currituck Spit, Virginia/North Carolina, in *Coastal processes and resulting forms of sediment accumulation, Currituck Spit, Virginia/North Carolina*, Ed. Goldsmith, V., SRAMSOE **143**, Virginia Institute of Marine Science, Gloucester Point, VA, 27.1-27.20. [codn]
- Hennigar, H.F.Jr. 1979. Historical evolution of coastal sand dunes on Currituck spit, Virginia - North Carolina, *Coastal Research*, **5** (5), 8-9. [codn abstract in Busche *et al.* 1984]
- Henningsen, D., Kelletat, D. and Hagn, H. 1981. Die quartären Äolianite von Ibiza und Formentera (Balearen, Mittelmeer) und ihre Bedeutung für die Entwicklungsgeschichte der Inseln, *Eisztalter und Gegenwart*, **31**, 109-133. [dnbed codn]
- Henriksen, H.A. 1974. Afforestation of heathland in Denmark, in *Report on the FAO/DANIDA inter-regional training centre on heathland and sand dune afforestation*, Food and Agriculture Organization of the United Nations (FAO) / Danish International Development Agency (DANIDA), Denmark and Libya, 26 August to 21 September 1973. FAO, Rome, 128-131. [dnuse]
- Hepburn, J. 1944. The vegetation of the sand dunes of the Camel Estuary, North Cornwall, *Journal of Ecology*, **32**, 180-192. [dnveg]
- Hermesh, R. 1972. *A study of the ecology of the Athabasca sand dunes with emphasis on the phytogenic aspects of dune formation*, unpublished M.Sc. dissertation, University of Saskatchewan, Saskatoon, 158 pp. [abstract in Niessen, *et al.* 1984 stbdn dnvveg]
- Heron, A.M. 1917. *The geology of north-eastern Rajputana and adjacent districts*, *Memoir*, **45** (1), Geological Survey of India, 128 pp. [stbdn]
- Heron, A.M. 1938. The physiography of Rajputana, *Proceedings of the 25th Indian Science Congress*, **2**, 119-132. [stbdn]
- Hertzler, R.G., Wang, E.S.J. and Wilbers, O.J. 1967. Martian sand and dust storm experimentation, *Journal of Spacecraft and Rockets*, **4** (2), 284-286. [sdmo]
- Herzig, C.T. and El-Baz, F. 1980. The effects of mineralogy and grain-shape on the color of sands from the western desert of Egypt and possible applications to Mars (abstract), in *Reports of Planetary Geology Program*, Ed. Holt, H.E., **TM-82385**, National Aeronautics and Space Administration (NASA), Washington, DC, 301-303. [dnsol]
- Hesp, P.A. 1979. Sand trapping ability of culms of marram grass (*Ammophila arenaria*), *Journal of the Soil Conservation Service of New South Wales*, **35** (3), 156-160. [codn dnuse abstract in Busche *et al.* 1984]
- Hesp, P.A. 1981. The formation of shadow dunes, *Journal of Sedimentary Petrology*, **51** (1), 101-112. [codn abstract in Busche *et al.* 1984]

- Hesp, P.A. 1982. *Dynamics and morphology of foredunes in south east Australia*, unpublished Ph.D. dissertation, University of Sydney, ** [codn]
- Hesp, P.A. 1983. Morphodynamics of incipient foredunes in New South Wales, Australia, in *Aeolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 325-343. [codn]
- Hesp, P.A. 1984a. Fore dune formation in southeast Australia, in *Coastal geomorphology in Australia*, Ed. Thom, B.G., Academic Press, Sydney, 69-97. [geog sa 22 tho codn]
- Hesp, P.A. 1984b. The formation of sand "beach ridges" and foredunes, *Search*, **15** (9-10), 289-291. [codn]
- Hesp, P.A. 1986. A review of coastal and desert dunes, in *Structure and function of sand dune ecosystems*, Eds. van der Merwe, D., McLachlan, A. and Hesp, P.A., *Report*, **8**, Institute of Coastal Research, University of Port Elizabeth, 18-21. [codn]
- Hesp, P.A. 1988a. Morphology, dynamics and internal stratification of some established foredunes in southeast Australia, *Sedimentary Geology*, **55** (1), 17-42. [codn]
- Hesp, P.A. 1988b. Surfzone, beach and fore dune interactions on the Australian south east coast, *Journal of Coastal Research, Special Issue*, **3**, 15-25. [codn]
- Hesp, P.A. 1989a. A review of biological and geomorphological processes involved in the initiation and development of incipient foredunes, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 181-201. [codn]
- Hesp, P.A. 1989b. A review of biological and geomorphological processes in the initiation and development of incipient foredunes, *Journal of Arid Environments*, **96**, 181-201. [codn]
- Hesp, P.A., Gibbs, D.G. and King, J.W. 1981. Spatial variation of *Ammophila arenaria* density and the formation of foredunes, *5th Australian Coastal Engineering Conference*, 113-114. [codn dnveg dune]
- Hesp, P.A. and Fryberger, S.G., Eds. 1988. *Special issue on eolian sediments*, *Sedimentary Geology*, **55** (1), 184 pp.
- Hesp, P.A. and Hyde, R. 1978. Sand trapping ability of two pioneer sand dune plants, *Ammophila arenaria* and *Festuca littoralis* - a preliminary investigation, *4th Australian Conference on Coastal and Ocean Engineering*, Adelaide, 68-73. [codn dnveg abstract in Busche *et al.* 1984]
- Hesp, P.A., Hyde, R., Hesp, V. and Zhengyu, Q. 1989. Longitudinal dunes can move sideways, *Earth Surface Processes and Landforms*, **14** (5), 447-452.
- Hesp, P.A. and Illenberger, W. 1986. Notes on the Alexandria coastal dunefield, Algoa Bay, in *Structure and function of sand dune ecosystems*, Eds. van der Merwe, D., McLachlan, A. and Hesp, P.A., *Report*, **8**, Institute of Coastal Research, University of Port Elizabeth, 95-103. [codn]
- Hesp, P.A., Illenberger, W., Rust, I., McLachlan, A. and Hyde, R. 1988. Some aspects of transgressive dunefields and transverse ridge geomorphology and dynamics, south coast, South Africa, *Zeitschrift für Geomorphologie, Supplement Band*, **73**, 111-123. [codn]
- Hesp, P.A. and Short, A.D. 1980. Dune forms of the Younghusband Peninsula, S.E. Australia, in *Aeolian landscapes in the semi-arid zone of south eastern Australia*, Eds. Storrier, R.R. and Stannard, M.E., Australian Society of Soil Science, Inc., Riverina Branch, 65-66. [codn]

- Hesselmann, H. 1908. On the aeolian sand fields on Fårön and the protection forest law of 24th July 1903 (in Swedish), *Stockholm Meddelelser, Stat. Försöksanst.*, **5**, 1-45. [and *Skogsvards-Fören. Tidsk.*, **6**, 1-45. [codn dnuse
- Hétu, B. and Vandelac, P. 1989. La dynamique des éboulis en milieu forestier, Gaspésie, Québec, *Géographie Physique et Quaternaire*, **44**, 199-215. [dune stbdn
- Hewett, D.G. 1970. The colonisation of sand dunes after stabilisation with marram grass (*Ammophila arenaria*), *Journal of Ecology*, **58**, 653-668. [codn dnveg
- Hewett, D.G. 1985. Grazing and mowing as management tools on dunes, *Vegetatio*, **62** (1-3), 441-448. [codn dnuse dnveg
- Hewett, D.G. 1989. Dunes and dune management on the Atlantic coast of Europe, in *Perspectives on coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., Academic Publishing, The Hague, 69-80. [codn dnuse
- Hewitt, B.R. 1954. Coastal sand drift investigations in New South Wales, *Journal of the Soil Conservation Service of New South Wales*, **10**, 45-60; 90-96. [codn sdm
- Hewson, L.M. 1934. Notes on Irish sandhills, *Journal of the Royal Society of Antiquaries of Ireland*, **1**, 5th Series, 130-138. [codn
- Heyken, A. 1965. Vegetationstypen der Küstendünen an der östlichen und südlichen Nordsee, *Mitteilungen der Arb.-Gem. Florist. Schleswig-Holstein*, Hamburg, **13**, 135 pp. [dnveg
- Hickock, D.M., Labelle, J.C. and Adler, R.G. 1982. The arctic desert, in *Reference handbook of the deserts of North America*, Ed. Bender, G.L., Greenwood, Westport, Connecticut, 383-403. [dune
- Hicks, D. 1983. Landscape evolution in consolidated coastal dune sands, *Zeitschrift für Geomorphologie, Supplement Band*, **45**, 245-250. [stbdn codn New Zealand abstract in Busche *et al.* 1984
- Hideo Mii 1969. Coastal dunes in Japan: their geological consideration (in Japanese), *Geographical Review of Japan*, **42**, 155-159. [codn
- Hidore, J.J. and Albokhair, Y. 1982. Sand encroachment in Al-Hasa Oasis, Saudi Arabia, *Geographical Review*, **72** (3), 350-356. [dune dnuse abstract in Busche *et al.* 1984
- Higgins, G.M., Ahmed, M. and Brinkman, R. 1974. The Thal interfluvium, Pakistan: geomorphology and depositional history, *Geologie en Mijnbouw*, **52** (3), 147-155. [dune abstract in Busche *et al.* 1984
- Higgins, G.M., Baig, S. and Brinkman, R. 1974. The sands of the Thal: wind-regimes and sand ridge formations, *Zeitschrift für Geomorphologie*, NF **18** (3), 272-290. [dune abstract in Busche *et al.* 1984
- Higgins, L.S. 1933a. Coastal changes in South Wales. The excavation of an old beach, *Geological Magazine*, **70**, 541-549. [codn
- Higgins, L.S. 1933b. An investigation into the problems of the sand dunes on the South Wales coast, *Archaeologia Cambrensis*, **88**, 26-67. [codn dnuse
- Hill, W.O. 1962. Sand erosion – plants to the rescue, *Soil Conservation*, **9**, 199-200. [dnuse ?
- Hills, E.S. 1939. The physiography of western Victoria, *Proceedings of the Royal Society of Victoria*, NS, **51**, 297-320. [dune?
- Hills, E.S. 1940. The lunette, a new landform of aeolian origin, *Australian Geographer*, **3**, 15-21. [dune or 1939 ??

- Hills, E.S. 1953. Regional geomorphic patterns in relation to climatic types in the dry areas of Australia, *Proceedings of the International Symposium on Desert Research*, Jerusalem, *Special Publication*, **2**, Research Council of Israel, 355-364. [dune]
- Hilst, G.R. and Nikols, P.W. 1959. On wind erosion of small particles, *Bulletin of the American Meteorological Society*, **40** (1), 73-77. [sdmo]
- Hinckley, B.S. 1980. *Factors affecting off-road vehicle induced erosion acceleration in the Mojave Desert, California*, unpublished master's dissertation, Stanford University, ** [dnuse]
- Hino, M. 1968. Equilibrium-range spectra of sand waves formed by flowing water, *Journal of Fluid Mechanics*, **34** (3), 565-574. [dunelog]
- Hintze, O. 1933. *Die Bepflanzung und Afforstung des Dünengeländes von St. Peter und Ordning*, Lür und Dircks, Garding, 19 pp. [codn]
- Hitchcock, A.S. 1904a. Controlling sand dunes in the U.S. and Europe, *National Geographic Magazine*, **15**, 43-47. [codn dnuse]
- Hitchcock, A.S. 1904b. Methods used for controlling and reclaiming sand dunes, *Bulletin of the Bureau of Plant Ind.*, **57**, United States Department of Agriculture, ** [codn dnuse]
- Hobbs, R.J., Gimingham, C.H. and Band, W.T. 1983. The effects of planting technique on the growth of *Ammophila arenaria* (L.) Link and *Lymus arenarius* (L.) Hochst, *Journal of Applied Ecology*, **20**, 659-672. [codn dnveg]
- Hobbs, W.H. 1942. Wind - the dominant transportation agent within extramarginal zone to continental glaciers, *Journal of Geology*, **50** (5), 556-559. [dune sdmo]
- Hobday, D.K. 1977. Late Quaternary sedimentary history of Inhaca Island, Mozambique, *Transactions of the Geological Society of South Africa*, **80**, 183-191. [codn]
- Hobday, D.K. and Orme, G.R. 1975. The Port Durnford Formation: a major Pleistocene barrier-lagoon complex along the Zululand coast, *Transactions of the Geological Society of South Africa*, **77**, 171-249. [codn]
- Hodgkinson, H.S. 1983. Relationship between Cutler Mormon-Tea (*Ephedra cutleri*) and coppice dunes in determining range trend in northeast Arizona, *Journal of Range Management*, **36**, 375-377. [stbdn dnveg]
- Hoepke, H. 1936. Die alten Dünen bei Zinnowitz, *Aus der Heimat*, **49**, 111-117. [codn]
- Hofker, J. 1940. Investigations on the dunes of Voorne (in Dutch), *Levende Natuur*, **44**, 329-337. [codn]
- Hofker, J. and van Hoey Smith, W. 1935. The periodicity of dune formation on the island of Voorne (in Dutch), *Levende Natuur, Special Issue (Festschrift for J.P.Thijssse)*, 44-50. [codn]
- Hofker, J. and van Rijsinge, C. 1932. Voorne's dunes (in Dutch), *Levende Natuur, Special Issue*, **36**, 44-50. [codn]
- Högbom, I. 1923a. Ancient inland dunes of north and middle Europe, *Geografiska Annaler*, **5**, 113-243.
- Högbom, I. 1923b. *Ancient inland dunes of north and middle Europe*, Dissenbahren, Stockholm, 244 pp.
- Högbom, I. 1932. On the interpretation of dune forms (note), *Geologiska Föreningens i Stockholm, Förhandlingar*, **54**, 255-259.

- Högbom, I. 1940. Obituary (by N.G.Hörner), *Quarterly Journal of the Geological Society*, **96**, lxii-lxiv. [dune]
- Hogue, M. 1975. An analysis of cross-stratification of Gargaresh calcarenite (Tripoli, Libya) and Pleistocene palaeowinds, *Geological Magazine*, **112**, 393-401. [dnbed]
- Høiland, K. 1974. Sand shores, dunes and dune vegetation with examples from Lista, Vest-Agder county, Norway (in Norwegian), *Blyttia: Norsk Botanisk Forening Tidsskrift*, **32**, 103-118. [dnveg codn]
- Høiland, K. 1978. Sand dune vegetation of Lista, SW Norway, *Norwegian Journal of Botany*, **25**, 23-45. [codn]
- Høiland, K. 1985. Sand dune vegetation - an ever changing vegetation type (in Norwegian), *Blyttia: Norsk Botanisk Forening Tidsskrift*, **43**, 145-153. [dnveg]
- Holliday, V.T. 1985. Holocene soil-geomorphological relations in a semi-arid environment: the southern High Plains of Texas, in *Soils and Quaternary landscape evolution*, Ed. Boardman, J., John Wiley and Sons, Chichester, 325-357. [stbdn]
- Holliday, V.T. 1988. Mt. Blanco revisited: soil-geomorphic implications for the ages of the Upper Cenozoic Blanco and Blackwater Draw Formations, *Geology*, **16** (6), 505-508. [stbdn dsol pald]
- Holliday, V.T. 1989a. The Blackwater Draw Formation (Quaternary): a 1.4 m. y. record of eolian sedimentation and soil formation on the southern High Plains, *Bulletin of the Geological Society of America*, **101** (12), 1598-1607. [stbdn]
- Holliday, V.T. 1989b. Middle Holocene drought on the southern High Plains, *Quaternary Research*, **31** (1), 74-82. [stbdn]
- Holm, D.A. 1953. Dome-shaped dunes of the central Nejd, Saudi Arabia, *Proceedings of the 19th International Geological Congress, Algiers*, **7**, 107-112. [abstract in Busche *et al.* 1984]
- Holm, D.A. 1957. Sigmoidal dunes, a transitional form, (abstract), *Bulletin of the Geological Society of America*, **68** (12), 1746.
- Holm, D.A. 1960. Desert geomorphology of the Arabian Peninsula, *Science*, **132** (3437), 1369-1379. [dune abstract in Busche *et al.* 1984]
- Holm, D.A. 1968. Sand dunes, in *Encyclopedia of geomorphology*, Ed. Fairbridge, R.W., Reinhold, New York, 973-979.
- Holm, D.A. 1974. Arabian Desert, in *Encyclopedia Britannica*, **15th** edition, 1051-1058. [dune]
- Holtenberger, M. 1913. On a genetic system of sand dunes including two new types, *Bulletin of the American Geographical Society*, **45**, 513-515.
- Holzhey, G.S., Daniels, R.B. and Gambe, E.E. 1975. Thick B_h horizons in the North Carolina coastal plain. II. Physical and chemical properties and rates of organic additions from surface sources, *Proceedings of the Soil Science Society of America*, **39** (6), 1182-1187. [codn ? dnsol]
- Homeier, H. and Luck, G. 1971. Untersuchung morphologischer Gestaltungsvorgänge im Bereich der Accumer Ee als Grundlage für die Beurteilung der Strand- und Dünenentwicklung im Westen und Nordwesten Langeoogs, *Jahresbericht Forschungsstelle für Insel- und Küstenschutz*, **22**, 7-42. [codn dnuse]

Hoogmoed, W.B. and Stroonsnijder, L. 1984. Crust formation on sandy soils in the Sahel. 1. Rainfall and infiltration, *Soil and Tillage Research*, **4** (1), 5-24. [dnsol dnhyd]

Hope-Simpson, J. 1989. Monitoring by photographs on Braunton Burrows: relevance to nature conservation purposes, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, SPB Academic, The Hague, 175-186. [codn dnuse dnveg]

Hope-Simpson, J.F. and Jeffries, R.L. 1966. Observations relating to vigour and debility in marram grass (*Ammophila arenaria* (L.) Link), *Journal of Ecology*, **54**, 271-274. [codn dnveg]

Hope-Simpson, J.F. and Yemm, E.W. 1979. Braunton-Burrows: developing vegetation in dune slacks, 1948-1977, in *Ecological processes in coastal environments*, Eds. Jefferies, R.L. and Davy, A.J., Blackwell, Oxford, 113-128. [codn dnveg]

Hopkins, E.S. 1935. Soil drifting in Canada, *Transactions of the 3rd International Congress of Soil Science*, Oxford, **1**, 403-405. [sdmo]

Hopkins, E.S., Palmer, A.E. and Chepil, W.S. 1946. *Soil drifting in the Prairie Provinces*, Publication, **568**, Canadian Department of Agriculture, 59 pp. [sdmo]

Hopley, D. 1979. Australian landform example No. 35: deltaic barrier spit, *Australian Geographer*, **14** (4), 248-251. [codn]

Hopman, A. and Jungerius, P.D. 1987. Zandverstuivingen in De Blink, *Zuidhollands Landschap*, **3**, 15. [codn]

Horikawa, K., Hotta, S. and Kraus, N.C. 1986. Literature review of sand transport by wind on a dry sandy surface, *Coastal Engineering*, **9** (6), 503-526. [sdmo]

Horikawa, K., Hotta, S. and Kubota, S. 1982. Experimental study of blown sand on a wetted surface, *Coastal Engineering in Japan*, Japanese Society of Civil Engineers, **25**, 177-195. [sdmo]

Horikawa, K., Hotta, S. and Kubota, S. 1986. Field measurements of vertical distribution of wind speed with moving sand on a beach, *Coastal Engineering in Japan*, Japanese Society of Civil Engineers, **29**, 163-178. [sdmo]

Horikawa, K., Hotta, S., Kubota, S. and Katori, S. 1983. On the sand transport rate by wind on a beach, *Coastal Engineering in Japan*, Japanese Society of Civil Engineers, **26**, 101-120. [sdmo]

Horikawa, K., Hotta, S., Kubota, S. and Katori, S. 1984. Field measurements of blown sand transport rate by trench trap, *Coastal Engineering in Japan*, Japanese Society of Civil Engineers, **27**, 213-232. [sdmo]

Horikawa, K. and Shen, H.W. 1960. *Sand movement by wind action (on the characteristics of sand traps)*, Technical Memoir, **119**, Beach Erosion Board, United States Army Corps of Engineers, 51 pp. [sdmo]

Hörner, N.G. 1923. Brattförshden. Et varmlandskt randdeltekomplex och desdyner, *Sveriges Geologiska Undersökning, Aarsbok*, **20**, 1926. [dune? or 1927??]

Hörner, N.G. 1932. Lop Nor: topographical and geological summary, *Geografiska Annaler*, **14**, 297-321. [dune]

Hörner, N.G. 1936. Geomorphical processes in continental basins of central Asia, *Proceedings of the 16th International Geological Congress*, Washington, DC, 1933, **2**, 721-735. [dune]

Hörner, N.G. 1940. Obituary of I. Högbom, *Quarterly Journal of the Geological Society of London*, **96**, lxii-lxiv. [dune]

- Hörner, N.G. 1957. Some notes and data concerning dunes and sand drift in the Gobi Desert, in *Reports on the Scientific Expedition to Northwest China under the leadership of Sven Hedin: the Sino-Swedish Expedition Publication*, **III**, *Geology* **5**, Aktiebolager, Göteborg, 40 pp. [rgs 920 21 e chi abstract in Busche *et al.* 1984]
- Horowitz, D.H. 1982. Geometry and origin of large-scale deformation structures in some ancient wind-blown sand deposits, *Sedimentology*, **29** (2), 155-180. [dnbed]
- Hosier, P.E. and Eaton, T.E. 1980. The impact of vehicles on dune and grassland vegetation on a southeastern North Carolina barrier beach, *Journal of Applied Ecology*, **17**, 173-182. [codn dnuse]
- Hotta, K. 1984. *Wind-blown sand on beaches*, unpublished Ph.D. dissertation, University of Tokyo, ** [sdmo]
- Hotta, S. 1988a. Sand transport by wind: instruments and procedures for wind-blown sand, in *Nearshore dynamics and coastal processes*, Ed. Horikawa, K. University of Tokyo Press, Tokyo, 218-238. [sdmo]
- Hotta, S. 1988b. Instruments and procedures for wind-blown sand, in *Nearshore dynamics and coastal processes*, Ed. Horikawa, K. University of Tokyo Press, Tokyo, 475-482. [sdmo]
- Hotta, S., Kubota, S., Katori, S. and Horikawa, K. 1984. Blown sand on a wet sand surface, *Proceedings of the 19th Coastal Engineering Conference*, American Society of Civil Engineers, New York, 1265-1281. [sdmo]
- Houbolt, J.J.H.C. 1968. Recent sediments in the southern bight of the North Sea, *Geologie en Mijnbouw*, **47** (4), 245-273. [dunelog]
- Houston, J.A. 1989. The Sefton Coast Management Scheme in northwest England, in *Perspectives on coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Viser, J., SPB Academic, The Hague, 249-253. [codn dnuse]
- Houston, J.A. and Jones, C.R. 1987. The Sefton Management Scheme: project and process, *Coastal Management*, **15**, 267-297. [codn dnuse]
- Howard, A.D. 1975. Eolian processes and forms (abstract), *Geological Society of America, Abstracts with Program*, **7** (7), 1122. [dune sdmo]
- Howard, A.D. 1977a. The effect of slope on the threshold of motion and its application to the orientation of wind ripples, *Bulletin of the Geological Society of America*, **88** (6), 853-856. [sdmo]
- Howard, A.D. 1977b. Geological, topographic and meteorological influences on eolian deposition, Earth and Mars (abstract), in *Eolian processes*, Eds. Arvidson, R.E. and Wahman, **, *Reports of Planetary Geology Program*, **TMX-3511**, National Aeronautics and Space Administration (NASA), Washington, DC, 148-149. [dune]
- Howard, A.D. 1985. Interaction of sand transport with topography and local winds in the northern Peruvian coastal desert, *Proceedings of the International Workshop on the Physics of Blown Sand*, Eds. Barndorff-Nielsen, O.E., Møller, J.-T., Romer Rasmussen, K. and Willetts, B.B., *Memoirs*, **8**, Department of Theoretical Physics, Institute of Mathematics, University of Aarhus, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus. 511-544. [dune]
- Howard, A.D., Morton, J.B., Gad-el-Hak, M. and Pierce, D.B. 1977. Simulation model of erosion and deposition on a barchan dune, *Contractor Report*, **NASA CR-2838**, Contract **NGR-47-005-172**, National Aeronautics and Space Administration (NASA), Washington, DC, 82 pp., also School of Engineering and Applied Science, University of Virginia, Charlottesville, VA, 78 pp.

- Howard, A.D., Morton, J.B., Gad-el-Hak, M. and Pierce, D.B. 1978. Sand transport model of barchan dune equilibrium, *Sedimentology*, **25** (3), 307-338. [sdmo abstract in Busche *et al.* 1984]
- Howard, A.D. and Walmsley, J.L. 1985. Simulation model of isolated dune sculpture by wind, *Proceedings of the International Workshop on the Physics of Blown Sand*, Eds. Barndorff-Nielsen, O.E., Møller, J.-T., Romer Rasmussen, K. and Willetts, B.B., *Memoirs*, **8**, Department of Theoretical Physics, Institute of Mathematics, University of Aarhus, 377-392.
- Hoyanagi, M. 1965. Sand-buried ruins and shrinkage of rivers along the old silk road in the Tarim basin, *Journal of Geography* (Tokyo), **74** (1), 1-12. [dnuse sdmo abstract in Busche *et al.* 1984]
- Hoyt, J.H. 1966. Air and sand movement to the lee of dunes, *Sedimentology*, **7**, 137-143.
- Hoyt, J.H. 1967. Barrier island formation, *Bulletin of the Geological Society of America*, **78** (9), 1125-1136. [codn]
- Hsu Chun-min 1965. The sources of dune sand in the region east of the Yellow River in Ninghsia (in Chinese), *Acta Geographica Sinica*, **31**, 142-156.
- Hsu, Shih-Ang 1971a. Measurement of shear stress and roughness length on a beach, *Journal of Geophysical Research*, **76** (12), 2880-2885. [sdmo]
- Hsu, Shih-Ang 1971b. Wind stress criteria in eolian sand transport, *Journal of Geophysical Research*, **76** (36), 8684-8686. [sdmo]
- Hsu, Shih-Ang 1972. Boundary-layer trade-wind profile and stress on a tropical windward coast, *Boundary-Layer Meteorology*, **2**, 284-289. [sdmo]
- Hsu, Shih-Ang 1973. Computing eolian sand transport from shear velocity measurements, *Journal of Geology*, **81** (6), 739-743. [sdmo abstract in Busche *et al.* 1984]
- Hsu, Shih-Ang 1974a. Computing eolian sand transport from routine weather data, *Proceedings of the 14th Conference on Coastal Engineering*, **2**, American Society of Civil Engineers, New York, 1619-1626. [sdmo abstract in Busche *et al.* 1984]
- Hsu, Shih-Ang 1974b. Experimental results of the drag-coefficient estimation for air-coast interfaces, *Boundary-Layer Meteorology*, **6**, 505-507. [sdmo]
- Hsu, Shih-Ang 1987a. Scaling the rate of wind-blown sand transport by parameterization of the turbulent energy equation, *Coastal Engineering*, **11** (3), 283-270. [sdmo]
- Hsu, Shih-Ang 1987b. Structure of air flow over sand dunes and its effect on eolian sand transport in coastal regions, *Coastal Sediments '87*, American Society of Civil Engineers, New York, 188-201. [sdmo codn sdmo]
- Hu, S.Z., Lu, Y., Wu, Z., Zheng, D. and Chen, G.M. 1962. A survey of the desert of Jungar Basin, Xinjiang, in *Research on sand control, Communist China*, Sand Control Group Academia Sinica, *Publication*, **19993**, Translated by National Technical Information Service, Washington, DC, 109-15. [dune dnuse]
- Huan Xing-Zhen and Pan Zhing-Hai 1981. Granulometry applied to research on typical eolian sand in southwestern Maowusu Desert (Chinese, English summary), *Acta Geographica Sinica*, **36** (1), 70-78.
- Huang, Y.X., Guo, S.L. and Di, X.M. 1962. A survey of the desert of the eastern part of Tengger, Inner Mongolia, in *Research on sand control, Communist China*, Sand Control Group Academia Sinica, *Publication*, **19993**, Translated by National Technical Information Service, Washington, DC, 227-319. [dune dnuse]

- Hubert, J.F. and Mertz, K.A. 1980. Eolian dune field of Late Triassic age, Fundy basin, Nova Scotia, *Geology*, **8** (11), 516-519. [dnbed]
- Huddart, D., Tooley, M.J. and Carter, P.A. 1977. The coasts of northwest England, in *The Quaternary history of the Irish Sea*, Eds. Kidson, C. and Tooley, M.J., Sea House Press, Liverpool, 119-154. [codn]
- Huffington, R.M. and Albritton, C.C. 1941. Quaternary sands of the High Plains, *American Journal of Science*, **239** (5), 325-338. [stbnd]
- Huffman, G.G. and Price, W.A. 1949. Clay dune formation near Corpus Christi, Texas, *Journal of Sedimentary Petrology*, **19** (3), 118-127. [codn stbnd]
- Hughes, S.A. 1983. Movable-bed modelling law for coastal dune erosion, *Journal of the Waterway, Port, Coastal and Ocean Engineering Division*, **109**, 164-179. [codn sdmo]
- Hughes, S.A. and Chui, T.-Y. 1981. *Beach and dune erosion during severe storms, Report, UFL / COEL-TR / 043*, Department of Coastal and Oceanographic Engineering, University of Florida, 290 pp. [codn]
- Huhou, Li 1983. A primary study of dating on dunes by using the characteristics of thermoluminescence in quartz, *Journal of Desert Research*, **3**, 18-24. [sand]
- Huiskes, A.H.L. 1977a. *The population dynamics of Ammophila arenaria*, unpublished Ph.D. dissertation, University of Wales, Cardiff, ** [dnveg codn]
- Huiskes, A.H.L. 1977b. The natural establishment of *Ammophila arenaria* from seed, *Oikos*, **29** (1), 133-136. [codn dnveg dnuse]
- Huiskes, A.H.L. 1979. Biological flora of the British Isles. *Ammophila arenaria* (L.) Link; *Psamma arenaria* (L.) Roem. et Schult; *Calamagrostis arenaria* (L.) Roth., *Journal of Ecology*, **67** (1), 363-382. [codn dnveg]
- Huitt, J.L. 1954. Three-dimensional measurement of sand grains, *Bulletin of the American Association of Petroleum Geologists*, **38** (1), 159-180.
- Hull, Professor 1897. Discussion on paper by V. Cornish, *Geographical Journal*, **9** (3), 303. [codn dnuse Sand dune of Palestine and Philistine]
- Hulshoff, R.M. and Jungerius, P.D. 1988. De samenhang tussen geomorfologische processen, bodem en vegetatie in de duinen bij Bergen aan Zee, *Landschap*, **5**, 83-87. [codn erosion in the dune near Bergen aan Zee: the connection between geomorphological processes, soil and vegetation dnsol dveg]
- Hume, W.F. 1909a. Elevation and depression in the Nile Valley, *Cairo Scientific Journal*, **3**, 83-86. [dunes also letter by M. Villiers-Stewart, 230-231]
- Hume, W.F. 1909b. Review of "An Egyptian Oasis" by Beadnell, H.J.L., *Cairo Scientific Journal*, **3**, 148-154. [dunes]
- Hume, W.F. 1921. The Egyptian wilderness, *Geographical Journal*, **58** (4), 249-276. [dune]
- Hume, W.F. 1925. *The geology of Egypt*, 2 volumes, Government Press, Cairo, (**I**, 408 pp.). [dunes]
- Humphries, D.M. 1956. Some problems of size and sorting in sands, *Geological Magazine*, **93** (6), 491-503.

- Humphries, D.W. 1966. A comparison of the booming sand of Korizi (Sahara) with the squeaking sand of the Gower (South Wales), *Sedimentology*, **6**, 135-153.
- Hummel, G. 1982. *Interdune areas of the back-island dune field, north Padre Island, Texas*, unpublished M.Sc. dissertation, University of Texas, Austin, 94 pp. [codn
- Hummel, G. and Kocurek, G. 1984. Interdune areas of the back-island dune field, north Padre Island, Texas, *Sedimentary Geology*, **39** (1), 1-26. [dnbed
- Hundt, R. 1985. Phytosociological and ecological aspects of the dunes on the isle of Rügen, Baltic Sea, *Vegetatio*, **61** (1), 97-103. [codn dnveg
- Hung, C.S. and Shen, H.W. 1979. Statistical analysis of sediment movement on dunes, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **105** (HY3), 213-227. [sdmo
- Hung, K.K. 1961. Preliminary achievements in study of drift-sand control by clay barriers in Min-Ch'in (in Chinese), *Ti-Li*, **5**, 200-215. [dnuse
- Hunt, A.R. 1884. Formation of ripple-mark, *Proceedings of the Royal Society of London*, **34**, 1-18.
- Hunt, A.R. 1904a. Descriptive nomenclature of ripple-mark, *Geological Magazine*, (2), **1**, 410-418.
- Hunt, A.R. 1904b. New question of ripple-mark, *Geological Magazine*, (2), **1**, 619-621.
- Hunt, C.B. 1954. Pleistocene and Recent deposits in the Denver area, Colorado, *Bulletin of the United States Geological Survey*, **996-C**, 91-140. [stbdn
- Hunt, J.C.R. 1988. Designing to prevent wind loss from stockpiles, *Warren Spring Laboratory Report, LR 687 (PA)*, Her Majesty's Stationery Office, London, Warren Spring Laboratory, Gunnels Wood Road, Stevenage, Hertfordshire ** [sdmo dnuse
- Hunt, J.C.R. and Nalpanis, P. 1985. Saltating and suspended particles over flat and sloping surfaces. I. Modelling concepts, *Proceedings of the International Workshop on the Physics of Blown Sand*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O., Møller, J.-T., Romer Rasmussen, K. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 9-36. [sdmo
- Hunt, J.C.R. and Barrett, C.F. 1989. Wind loss from stockpiles and transport of dust, *Warren Spring Laboratory, Laboratory Report, LR 688 (PA)*, Her Majesty's Stationery Office, London, Warren Spring Laboratory, Gunnels Wood Road, Stevenage, Hertfordshire, 59 pp. [sdmo dnuse
- Hunter, R.E. 1969. Eolian microridges on modern beaches and a possible ancient example, *Journal of Sedimentary Petrology*, **39** (4), 1573-1578. [ripple dnbed
- Hunter, R.E. 1973. Pseudo-cross lamination formed by climbing adhesion structures, *Journal of Sedimentary Petrology*, **43** (4), 1125-1127. [ripples dnbed abstract in Busche *et al.* 1984
- Hunter, R.E. 1974. Types of eolian strata and pseudostrata (abstract), *Annual Meeting Abstracts*, **1**, American Association of Petroleum Geologists, and Society of Economic Palaeontologists and Mineralogists, Tulsa, OA, 47-48. [dnbed
- Hunter, R.E. 1976. Comparison of eolian and subaqueous sandflow cross-strata (abstract), *Bulletin of the American Association of Petroleum Geologists*, **60**, 633-634. [ripples dnbed **not v60, '76 not in index**
- Hunter, R.E. 1977a. Terminology of cross-stratified sedimentary layers and climbing-ripple structures, *Journal of Sedimentary Petrology*, **47** (2), 697-706. [dnbed

- Hunter, R.E. 1977b. Basic types of stratification in small eolian dunes, *Sedimentology*, **24** (3), 361-387. [ripple dnbed abstract in Busche *et al.* 1984]
- Hunter, R.E. 1980a. Quasi-planar adhesion stratification - an eolian structure formed in wet sand, *Journal of Sedimentary Petrology*, **50** (1), 263-266. [ripple dnbed abstract in Busche *et al.* 1984]
- Hunter, R.E. 1980b. Depositional environments of some Pleistocene coastal terrace deposits, southern Oregon - case history of a progradational beach and dune sequence, *Sedimentary Geology*, **27**, 241-262. [dnbed]
- Hunter, R.E. 1981. Stratification styles in eolian sandstones: some Pennsylvanian to Jurassic examples from the western interior U.S.A., in *Recent and ancient nonmarine depositional environments: models for exploration*, Eds. Ethridge, F.G. and Flores, R.M., *Special Publication*, **31**, Society for Economic Palaeontologists and Mineralogists, 315-329. [ripple dnbed]
- Hunter, R.E. 1985a. A kinematic model for the structure of lee-side deposits, *Sedimentology*, **32** (3), 409-422. [dnbed]
- Hunter, R.E. 1985b. Subaqueous sand-flow cross-strata, *Journal of Sedimentary Petrology*, **55** (6), 886-894. [dnbed]
- Hunter, R.E. 1989. Eolianites in the Ste. Genevieve Limestone of southern Indiana, in *Geomorphology and depositional environments of the Ste. Genevieve (Mississippian) oolite bodies in southern Indiana*, Eds. Carr, D.D. and Hunter, R.E., American Association of Petroleum Geologists, Eastern Section Meeting, Department of Natural Resources, Geological Survey Guidebook, Tulsa, OA, 19 pp. [dnbed]
- Hunter, R.E., Clifton, H.E. and Phillips, R.L. 1979. Depositional processes, sedimentary structures and predicted vertical sequences in barred nearshore systems, southern Oregon coast, *Journal of Sedimentary Petrology*, **49** (3), 711-726. [codn ? dnbed]
- Hunter, R.E. and Kocurek, G. 1986. An experimental study of subaqueous slipface deposition, *Journal of Sedimentary Petrology*, **56** (3), 387-394. [dunellog]
- Hunter, R.E. and Richmond, B.M. 1988. Daily cycles in coastal dunes, *Sedimentary Geology*, **55** (1), 43-67. [dnbed codn sdmo ripple]
- Hunter, R.E., Richmond, B.M. and Alpha, T.R. 1983. Storm-controlled oblique dunes of the Oregon coast, *Bulletin of the Geological Society of America*, **94** (12), 1450-1465. [codn]
- Hunter, R.E., Richmond, B.M. and Alpha, T.R. 1985. Storm-controlled oblique dunes of the Oregon coast: Reply (to Carson, M.A. and MacLean, P.R.), *Bulletin of the Geological Society of America*, **96** (3), 410. [codn]
- Hunter, R.E. and Rubin, D.M. 1983. Interpreting cyclic cross-bedding, with an example from the Navajo Sandstone, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 429-454. [dnbed]
- Hunter, R.E. and Rubin, D.M. 1989. Longitudinal and reversing transverse dunes: how do they differ ? (abstract), *28th International Geological Congress, Abstracts*, **2**, 2.84.
- Hunter, R.E., Watson, R.L., Hill, G.W. and Dickinson, K.A. 1972. Modern depositional environments and processes, northern and central Padre Island, Texas, in *Padre Island National Seashore field guide*, Gulf Coast Association of Geological Societies, 1-27. [dnbed]
- Hunting Surveys Ltd. 1977. *Sand dune movement study south of Umm Said, 1963-1976*, Technical Report, Government of Qatar, Ministry of Public Works, 7 pp.

- Huntington, E. 1910. Problems of exploration - Central Asia, *Geographical Journal*, **35** (4), 395-419. [dune]
- Huntley, D.J., Hutton, J.T. and Prescott, J.R. 1985. South Australian sand dunes: a TL sediment test sequence: preliminary results, *Nuclear Tracks and Radiation Measurements*, **D 10** (4-6), 757-758. [codn ? stbdn ?]
- Huntoon, J.E. and Chan, M.A. 1987. Marine origin of paleotopographic relief on the eolian White Rim Sandstone (Permian), Elaterite Basin, southern Utah, *Bulletin of the American Association of Petroleum Geologists*, **71** (9), 1035-1045. [dnbed]
- Hurault, J. 1966. Etude photo-aérienne de la tendance à la remobilisation des sables éoliens sur la rive nord du Lac Tchad, *Revue de l'Institut français du Pétrole*, **21**, 1837-1846. [or *Actes of the 2nd International Symposium on Photo-Interpretation*, Paris, 1966, 1967, 71-80. [or 1967 ? dnuse, stbdn dune]
- Hurst, H.E. 1909. Notes on sand dunes at Tema, *Cairo Scientific Journal*, **3**, 82-83. [v little RGS 436 XG or **31** ??]
- Hutchinson, D.M. 1968. *Provenance of sand in the Great Sand Dunes National Monument, Colorado*, unpublished Ph.D. dissertation, **, Morgantown, WV, 138 pp. [and 1969. *Dissertation Abstracts International*, **30**, 710 B, **]
- Huthnance, J.M. 1982a. On one mechanism forming linear sand banks, *Estuarine, Coastal and Shelf Science*, **14**, 79-99. [dunelog]
- Huthnance, J.M. 1982b. On the formation of sand banks of finite extent, *Estuarine, Coastal and Shelf Science*, **15**, 277-299. [dunelog]
- Hutton J.T., Prescott, J.R. and Twidale, C.R. 1984. Thermoluminescence dating of coastal dune sand related to a higher stand of Lake Woods, Northern Territory, *Australian Journal of Soil Research*, **22**, 15-21.
- Hyde, R. and Wasson, R. 1983. Radiative and meteorological control on the movement of sand at Lake Mungo, New South Wales, Australia, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Progress in Sedimentology*, **38**, Elsevier, Amsterdam, 311-324. [sdmo dune dnhyd]
- Hylgaard, T. 1980. Recovery of plant communities on coastal sand dunes disturbed by human trampling, *Biological Conservation*, **19** (1), 15-25. [codn dnveg dnuse]
- Hylgaard, T. and Liddle, M.J. 1981. The effect of human trampling on a sand dune ecosystem dominated by *Euphorbia nigra*, *Journal of Applied Ecology*, **18**, 559-569. [codn dnuse]
- Hyndman, **, 1890 ?? ** singing sand**, *Nature*, October 2, 554. [ref in Bolton, H.C. 1980]
- Idso, S.B. 1974. Tornado or dust devil: the enigma of desert whirlwinds, *American Scientist*, **62** (5), 530-541. [wind sdmo]
- Ibrahim, K.M. 1969. The control of drifting sands in the north coastal region of United Arab Republic, *Pakistan Journal of Forestry*, **19** (4), 456-471. [codn dnuse abstract in Busche *et al.* 1984]
- Ikemeyer, M. 1986. *Die Dünenvegetation der Insel Wangerooge, Mitteilungen der hamburgische Vegetationsgeographie*, **1**, 58 pp. [dnveg codn]
- Illenberger, W.K. 1986. *The Alexandria coastal dunefield: morphology, and budget and history*, unpublished M.Sc. dissertation, University of Port Elizabeth, 87 pp. [codn]

- Illenberger, W.K. 1988a. The dunes of the Alexandria coastal dunefield, Algoa Bay, South Africa, *South African Journal of Geology*, **91**, 381-390. [codn
- Illenberger, W.K. 1988b. The Holocene evolution of the Sundays estuary and adjacent coastal dunefields, Algoa Bay, South Africa, in *Geomorphological studies in southern Africa*, Eds. Dardis, G.F. and Moon, B.P., Balkema, Rotterdam, 389-405. [codn
- Illenberger, W.K. and Rust, I.C. 1986. Venturi-compensated eolian sand trap for field use, *Journal of Sedimentary Petrology*, **56** (4), 541-543. [sdmo
- Illenberger, W.K. and Rust, I.C. 1988. A sand budget for the Alexandria coastal dunefield, South Africa, *Sedimentology*, **35** (3), 513-521. [codn
- Illing, L.V. 1954. Bahamian calcareous sands, *Bulletin of the Geological Society of America*, **38** (1), 1-95. [codn
- Ilyushina, M.T. 1983. On formation stages indication of the sandy accretion on Zhanadarin Plain takyr, *Problems of Desert Development*, (5), 64-66. [sdmo dune dnsol
- Imbrie, J. and Buchanan, H. 1965. Sedimentary structures in modern carbonate sands of the Bahamas, *Special Publication*, **12**, Society of Economic Palaeontologists and Mineralogists, 149-172. [dnbed ?
- India, Ministry of Irrigation and Power 1971. *Dynamics of shifting sand dunes in western Rajasthan and their stabilization*, Central Water and Power Commission, New Delhi, ** [dnuse
- Ingerson, E. and Ramisch, J.L. 1942. Origin of shapes of quartz sand grains, *American Mineralogist*, **27**, 595-606.
- Ingram, R.L. 1971. Sieve analysis, in *Procedures in sedimentary petrology*, Ed. Carver, R.E., Wiley Interscience, New York, 49-67. [sand
- Inman, D.L. 1949. Sorting of sediments in the light of fluid mechanics, *Journal of Sedimentary Petrology*, **19** (1), 51-70. [sand
- Inman, D.L. 1952. Measures for describing the size distribution of sediments, *Journal of Sedimentary Petrology*, **22** (3), 125-145. [sand
- Inman, D.L., Ewing, G.C. and Corliss, J.B. 1966. Coastal sand dunes of Guerrero Negro, Baja California, Mexico, *Bulletin of the Geological Society of America*, **77** (7), 787-802. [codn abstract in Busche *et al.* 1984
- Inner Mongolia Autonomous Region, Wushen Banner, Wushenchao Commune 1980. Control the deserts and create pastures, in *Desertification*, Eds. Biswas, M.R. and Biswas, A.K., Pergamon Oxford, 145-162. [dnuse
- Innes, J.B., Tooley, M.J. and Tomlinson, P.R. 1989. A comparison of the age and palaeoecology of some Shirdley Hill Sand peat deposits from Merseyside and southwest Lancashire, *The Naturalist*, **114**, 65-69. [codn stbdn
- Instituto Geografico Militar 1980. *Mapa de arenales, Republica de Bolivia*, Departamento Cartografio. [dune
- Iran, Ministry of Natural Resources 1965. *Sand dune fixation in Iran*, Teheran, ** pp. [dnuse
- Isbell, R.F. and Gillman, G.P. 1973. Studies on some deep sandy soils in Cape York Peninsula, North Queensland. I. Morphological and chemical characteristics, *Australian Journal of Experimental Agriculture and Animal Husbandry*, **13**, 81-88. [dnsol

- Iseya, F. 1984. An experimental study of dune development and its effect on sediment suspension, *Environmental Research Center Papers*, **5**, The University of Tsukuba, Japan, 56 pp. [dunelog ripple]
- Ishankuliev, M. 1975a. Moisture regimen of sandy desert soils, *Problems of Desert Development*, (5), 36-43. [dnhyd dnsol]
- Ishankuliev, M. 1975b. Influence of saxauls on sandy desert soils (in Russian), *Pochvovedeniye*, **9**, 14-24. [dveg dnsol]
- Ishankuliev, M. 1975c. *Environment-shaping role of shrubs in the eastern Karakum: example Repetek (in Russian)*, dissertation summary, Turkmen SSR, Academy of Sciences, Ashkhabad, 26 pp. [dune ? dveg dnsol]
- Ishihara, T. and Iwagaki, Y. 1952. On the effect of sand storms in controlling the mouth of the Kiku River, *Bulletin*, **2**, Disaster Prevention Research Institute, Kyoto University, 32 pp. [or Ishikara ?? codn abstract in Busche *et al.* 1984]
- Isobe, I. 1980. Former positions of the Hinano River mouth during the age of the formation of the Niigata recent dunes in the southern Niigata Plain, (in Japanese, English summary), *Bulletin of the Japan Geological Survey*, **31** (11), 521-533. [codn]
- Ivanov, A.P. 1964. Rotation of sand particles in air flow, *Izvestiya Akademii Nauk, Turkmenskoi SSR, Seriya Biologeskaya*, **4**, 42-47. [sdmo]
- Ivanov, A.P. 1972. *Physical principles of desert sand deflation* (in Russian), Ylym, Ashkhabad, 113 pp. [sdmo]
- Ivanov, A.P. 1973. Complex method of sand drifts control in the area of Highway, *Problems of Desert Development*, (3), 87-89. [dnuse dune abstract in Busche *et al.* 1984]
- Ivanov, A.P. 1975. Complex methods for the protection of highways from sand drifts in shifting sand conditions, *Problems of Desert Development*, (6), 87-89. [dnuse]
- Ivanov, A.P. 1979. Asymmetry of a barchan, *Problems of Desert Development*, (4), 72-74. [dune]
- Ivanov, A.P. 1980. On some peculiarities of sand drift in sand-wind flow when gustiness is the case, *Problems of Desert Development*, (3), 48-50. [sdmo abstract in Busche *et al.* 1984]
- Ivanov, A.P. 1982a. Travel speed of a barchan in relation to its profile, height and wind speed, *Problems of Desert Development*, (6), 61-63. [dune]
- Ivanov, A.P. 1982b. Barchan movement velocity depending on its profile, height and wind speed (in Russian), *Problemy Osvoeniya Pustin*, (6), 66-68. [dune or 1983 ??]
- Ivanov, A.P. 1984. Distinctive features of wind transport of sand and dust particles, *Problems of Desert Development*, (1), 65-67. [sdmo]
- Ivanov, A.Y. 1969. Fixation, afforestation and agricultural utilization of sands (in Russian), in *Proyektirovaniye i vyrashchivaniye zashchitnykh lesonasazhdeniy*, Lesnaya Prom-st, Moscow, 155-197. [Planning and Cultivation of Protective Afforestation dnuse]
- Ivanov, A.Y. and Dryuchenko, M.M. 1969. *Kompleksnoye osvoineniye peskov*, 2nd Edition, Lesnaya Prom-st', Moscow, 302 pp. [Complex development of sands dnuse]

- Ivanov, A.Y., Kulik, N.F. and Gabay, V.S. 1968. *Rekomendatsii po kompleksnomu osvoiniyu peskov Yugo-Vostoka Yevropeyskoy chasti RSFSR*, Lesnaya Prom-st', Moscow, 52 pp. [Recommendations on the Complex Development of Sands in the Southeast of the European Part of the RSFSR dnuse]
- Ivanov, V.B. 1968. Eolian forms of microrelief of the snow surfaces of glaciers in Antarctica and the Arctic (in Russian), *Trudy Soviet. Antarkt. Ekspedit.*, **38**, 22-38. [dune]
- Ivchenko, A. 1908. La mobilité des dunes, *Annales de la Géographie Russe*, **9**, 244-255. [or Ivchenko Iwtschenko ??]
- Ivchenko, A. 1910. Sur la morphologie des mers de barchans, *Annales de la Géographie Russe*, **12** (7-8), 239-249. [dune]
- Ivchenko, A. 1911. La stratification dans les dépôts éoliens, *Annales de Géographie Russe*, **10**, ** [or **12** (5-6), 1910, 145-170 dnbed "extraits de** " dune]
- Iversen, J.D. 1979. Drifting snow similitude, *Proceedings of the American Society of Civil Engineering, Journal of the Hydraulics Division*, **105** (HY6), 737-753. [sdmo]
- Iversen, J.D. 1980a. Drifting snow similitude - transport rate and roughness modelling, *Journal of Glaciology*, **26** (94), 393-403. [sdmo]
- Iversen, J.D. 1980b. Drifting snow similitude - drift deposit rate correlation, *Proceedings of the 5th International Conference on Wind Engineering*, 1979, Fort Collins, CO, Pergamon, New York, 1037-1080. [dune sdmo]
- Iversen, J.D. 1980c. Wind tunnel modelling of snow fences and natural snowdrift controls, *37th Eastern Snow Conference*, Peterborough, Ontario, 106-124. [sdmo]
- Iversen, J.D. 1980d. Photographic determination of transport rate effects in blowing sand and snow, *Proceedings of the International Symposium on Flow Visualisation*, Bochum, West Germany, ** [sdmo]
- Iversen, J.D. 1981. Comparison of wind-tunnel model and full-scale snow fence drifts, *Journal of Wind Engineering and Industrial Aerodynamics*, **8**, 231-249. [sdmo, dune]
- Iversen, J.D. 1982a. Saltation threshold and deposition rate modelling (abstract) *11th International Association of Sedimentologists*, 62. [sdmo]
- Iversen, J.D. 1982b. Small-scale modelling of snow drift phenomena, in *Wind tunnel modelling for civil engineering applications*, Cambridge University Press, Cambridge, 522-545. [dune]
- Iversen, J.D. 1983. Saltation threshold and deposition rate modelling, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, 103-114. [sdmo]
- Iversen, J.D. 1984. Comparison of snowdrift modelling criteria, *Cold Regions, Science and Technology*, **9**, 259-265. [sdmo]
- Iversen, J.D. 1985a. Aeolian threshold: effect of density ratio, *Proceedings of the International Workshop on the Physics of Blown Sand*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 67-82. [sdmo]
- Iversen, J.D. 1985b. Wind tunnel modelling of sand transport and control, *Proceedings of the United Nations International Workshop on Sand Transport and Desertification in Arid Lands*, Khartoum, ** [sdmo]

- Iversen, J.D. 1986a. Small scale wind tunnel modelling of particle transport - Froude number effect, in *Aeolian geomorphology*, Ed. Nickling, W.G., Allen and Unwin, London, 19-33. [sdmo]
- Iversen, J.D. 1986b. Aeolian processes in the environmental wind tunnel and in the atmosphere, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 318-321. [sdmo]
- Iversen, J.D. 1986c. Saltation threshold mechanics, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 344-360. [sdmo]
- Iversen, J.D. 1986d. The aeolian wind tunnel - saltation similitude, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 372-384. [sdmo]
- Iversen, J.D. and Greeley, R. 1978. *Atmospheric and wind-tunnel experiments of the Amboy Crater sand-covered lava flow, Iowa State University Report, ISU-ERI-78235*, 79 pp. [dune sdmo]
- Iversen, J.D. and Greeley, R. 1984. Martian crater streak lengths: explanation from wind-tunnel experiments, *Icarus*, **58** (3), 358-362. [dune sdmo]
- Iversen, J.D., Greeley, R., Marshall, J.R., Leach, R. and White B.R. 1985. Effect of density ratio: threshold speeds on Venus, *Lunar and Planetary Science*, **16** 388-389. [sdmo]
- Iversen, J.D., Greeley, R., Marshall, J.R. and Pollack, J. 1987. Aeolian saltation threshold: effect of density ratio, *Sedimentology*, **34** (4), 699-706. [sdmo]
- Iversen, J.D., Greeley, R. and Pollack, J.B. 1976. Windblown dust on Earth, Mars and Venus, *The Journal of the Atmospheric Sciences*, **33** (12), 2425-2429. [sdmo abstract in Busche *et al.*, 1984 annexe]
- Iversen, J.D., Greeley, R. and Pollack, J.B. 1981. A method for modelling of small particle transport, *Technical Memorandum*, **84211**, National Aeronautics and Space Administration (NASA), Washington, DC, 203-204. [sdmo]
- Iversen, J.D., Greeley, R., Pollack, J.B. and White, B.R. 1973. Simulation of martian eolian phenomena in the atmospheric wind tunnel, *Space Simulation, Special Publication*, **SP-36**, National Aeronautics and Space Administration (NASA), Washington, DC, 191-213. [dune sdmo]
- Iversen, J.D., Greeley, R., White, B.R. and Pollack, J.B. 1975. Eolian erosion on the martian surface, Part I. Erosion rate similitude, *Icarus*, **26** (3), 321-331. [sdmo]
- Iversen, J.D., Greeley, R., White, B.R. and Pollack, J.B. 1976a. The effect of vertical distortion in the modelling of sediment phenomena: Martian crater wake streaks, *Journal of Geophysical Research*, **81** (26), 4846-4856. [sdmo dune]
- Iversen, J.D. and Jensen, V. 1981. *Wind transportation of dust from coal piles, Report, 81054*, Skibsteknisk Laboratorium, Lyngby, Denmark, 82 pp. [sdmo]
- Iversen, J.D., Pollack, J.B., Greeley, R. and White, B.R. 1976a. Saltation threshold on Mars: the effect of interparticle force, surface roughness, and low atmospheric density, *Icarus*, **29** (3), 381-393. [sdmo]
- Iversen, J.D. and White, B.R. 1982. Saltation threshold on Earth, Mars and Venus, *Sedimentology*, **29** (1), 111-119. [sdmo]
- Iverson, R.M., Hinckley, B.S. and Webb, R.M. 1981. Physical effects of vehicular disturbances on arid landscapes, *Science*, **212** (4497), 915-917. [dnuse]
- Ives, R.L. 1942. The discovery of Pincate volcano, *Scientific Monthly*, **54**, 230-237. [dune]

- Ives, R.L. 1946. Desert ripples, *American Journal of Science*, **244** (7), 492-501.
- Ives, R.L. 1959. Shell dunes of the Sonoran shore, *American Journal of Science*, **257** (6), 449-457. [abstract in Busche *et al.* 1984]
- Ivlev, N.P., Ponanopulo, G.A. and Ryl'kov, A.V. 1972. Experiment in the use of bitumen emulsions in the fixation of barchan sands (in Russian), *Trudy Soyuzdornii*, **57**, 109-120. [dnuse glue]
- Iwagaki, Y. 1950. On the effect of sand drift on the coast by wind for the filling up with sand in Ajiro-Harbour, *Journal of the Japanese Society of Civil Engineers*, **35**, 265-271. [sdmo codn]
- Iwan, W. 1937. Über löss und Flugsand in Island, *Zeitschrift der Gesellschaft für Erdkunde, Berlin*, **, 177-194. [dune]
- Iwasa, Y. and Kennedy, J.F. 1968. Free surface shear flow over a wavy bed, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **94** (HY2), 431-454. [dunelog]
- Izmai_ov, B. 1975. Genezoi i weik wydm Puszcz y Niepolomickiej, *Folia Geographica, Serie Geographica-Physica*, **9**, 43-62. [origin and age of the sand dunes in the Niepolomicka primeval forest stbdn]
- Izmai_ov, B. 1978. Eolian problems in geomorphological investigations of Lajos Kossuth University in Debrecin (in Polish), *Przegl_d Geograficzny*, **50** (3), 509-514. [dune abstract in Busche *et al.* 1984]
- Izmai_ov, B. 1985. Eolian transport in the alpine part of the High Tatra Mountains, *Quaestiones Geographicae, Special Issue*, **1**, 91-98. [sdmo]
- Izmai_ov, B. 1986a. Morphogenetic wind action in the high-mountain area of the Tatra Mountains, *Geographia Polonica*, **52**, 75-87. [sdmo]
- Izmai_ov, B. 1986b. The role of wind in the modelling of the upper mountain parts of the Tatra in the region of the Gasienicowa Valley, *Prace Geograficzne*, **64**, 121-140. [and *Zeszyty Naukowe, Uniwersytetu Jagiellonskiego*, **757**, ** sdmo]
- Jacamon, M. 1975. Le rôle du service forestier dans les dunes du sud-ouest de la France, in *Colloques phytosociologiques, 1, La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 237-243. [dnuse]
- Jackson, M.J., Pianosi, J.G. and Donaldson, J.A. 1984. Aeolian dunes in the early Proterozoic Thelon Formation near Schultz Lake, central Keewatin, *Paper*, **84-1B**, Geological Survey of Canada, Ottawa, 53-63. [dnbed]
- Jackson, R.G.II. 1975. Hierarchical attributes and a unifying model of bedforms composed of cohesionless material produced by shearing flow, *Bulletin of the Geological Society of America*, **86** (11), 1523-1533. [dunelog]
- Jackson, R.G.II. 1976. Sedimentological and fluid dynamic implications of turbulent bursting phenomenon in geophysical flows, *Journal of Fluid Mechanics*, **77** (3), 531-560. [sdmo ripple]
- Jacobberger, P.A. 1986a. *Environmental processes and spectral reflectance characteristics associated with soil erosion in desert fringe areas*, Smithsonian Institution. Center for Earth and Planetary Studies, Washington, DC, 53 pp. [dune]
- Jacobberger, P.A. 1986b. Remote sensing and field study of drought-related changes in the inland Niger delta of Mali, *Proceedings of the 20th International Symposium on Remote Sensing of Environment*, Nairobi, Ed. Cook, J.J., Environmental Research Institute, An Arbor, 1379. [dune]

- Jacobberger, P.A. 1986c. The interaction of wind and water in the desertification environment, *Proceedings of the 20th International Symposium on Remote Sensing of Environment*, Nairobi, Ed. Cook, J.J., Environmental Research Institute, Ann Arbor, 87-** [dune]
- Jacobberger, P.A. 1987. Geomorphology of the upper inland Niger delta, *Journal of Arid Environments*, **13** (2), 95-112. [stbdn]
- Jacobberger, P.A. 1988. Drought-related changes to geomorphic processes in central Mali, *Bulletin of the Geological Society of America*, **100** (3), 351-361. [sdmo dune]
- Jacobberger, P.A. 1989. Reflectance characteristics and surface processes in stabilized dune environment, *Remote Sensing of Environment*, **28** (April), 287-295. [stbdn]
- Jacobs, A.F.G. and Wartena, L. 1987. Flow and turbulence around thin fences in perpendicular and oblique flow directions, *Netherlands Journal of Agricultural Science*, **35** (1), 7-20. [sdmo dnuse]
- Jacqueminet, C. 1984. *Analyse sur les images satellitaires de la circulation éolienne à la périphérie et dans le Rub' al Khali en Arabie Saoudite et dans le Grand Erg Oriental selon des critères géomorphologique*, unpublished master's dissertation, Université de Reims. 140 pp. [dune]
- Jaeger, F. 1939. Die Trockenseen der Erde, *Petermanns Mitteilungen, Ergänzungsheft*, **236**, 159 pp. [dune]
- Jaggard, T.A.Jr. 1894. Some conditions of ripple-mark, *American Geologist*, **13**, 199-201.
- Jagschitz, J.A. and Bell, R.S. 1966. *Restoration and retention of coastal dunes with fences and vegetation*, *Bulletin*, **404**, University of Rhode Island, Agricultural Experimental Station, Kingston, RI, ** pp. [codn dnuse or 382 ??]
- Jagschitz, J.A. and Wakefield, R.C. 1969. *How to build and save beaches and dunes*, *Bulletin*, **408**, University of Rhode Island, Agricultural Experimental Station, Kingston, RI, 12 pp. [codn dnuse or 191 no or 383 ??]
- Jahn, A. 1956. *Geomorphology and Quaternary history of the Lublin plateau (in Polish)*, *Prace Geograficzne*, **7**, Polskiej Akademii Nauk, Instytut Geografii, 453 pp. [stbdn]
- Jahn, A. 1972. Niveo-eolian processes in the Sudetes Mountains, *Geographia Polonica*, **23**, 93-110. [dune]
- Jain, S.C. and Kennedy, J.F. 1974. The spectral evolution of sedimentary bedforms, *Journal of Fluid Mechanics*, **63** (2), 301-314. [dune ripple]
- Jäkel, D. 1980. Die Bildung von Barchanen in Faya-Largeau, République du Tchad, *Zeitschrift für Geomorphologie*, NF **24** (2), 141-159. [dune abstract in Busche *et al.* 1984]
- Jakimov, V.A. 1957. Afforestation and stabilization of the sands on the Spit Nerija in the coastal forest economy of the Kaliningrad region (in Russian), *Trudy Inst. Forest Econ.*, Riga, 165-175. [dnuse codn]
- Jalas, J. 1950. *Zur Kausalanalyse der Verbreitung einiger nordischen Os- und Sandpflanzen*, *Annales Botanici, Societas Zoologicae Botanicae Fennicae "Vanamo"*, **24** (1), 362 pp. [dnveg Jaakko]
- Jalu, R., Bocquillon, M. and Bonnefous, M. 1965. Tempêtes de sable sur le Sahara, *La Météorologie*, **78**, 105-112. [sdmo wind abstract in Busche *et al.* 1984]
- James, N.P. and Stanley, D.J. 1967. Sediment transport on Sable Island, Nova Scotia, *Smithsonian Miscellaneous Collection*, **152** (Publication 4723), 33 pp. [codn]

- James, P.A. and Wharfe, A.J. 1984. The chemistry of rainwater in a coastal locality of northwest England, *Catena*, **11** (2-3), 219-227. [codn dnsol]
- James, P.A. and Wharfe, A.J. 1989. Timescales of soil development in a coastal sand dune system, Ainsdale, northwest England, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Scientific, The Hague, 287-295. [codn dnsol]
- James, P.A., Wharfe, A.J., Pegg, R.K. and Clarke, D. 1986. A cation budget analysis for a coastal dune system in north-west England, *Catena*, **13** (1), 1-10. [codn dnsol]
- James, W.C. 1985. Early diagenesis of the Atherton Formation (Quaternary): a guide to understanding early cement distribution and grain modification in nonmarine deposits, *Journal of Sedimentary Petrology*, **55**, (1), 135-146. [codn dnbed]
- Jania, J. and Szczypeck T. 1980. Proba Rozpoznania ozdow i form eolicznych wybranych obszaraw wyzyni slaskiej za pomoca interpretacji zdjec iotnicznych, *Fotointerpretacja w Geografii*, **4** (14), 25-40. [dune]
- Janke, K. and Kremer, B.P. 1988. *Düne, Strand und Wattenmeer*, Kosmos Naturführer, Frankfurt, 319 pp. [codn]
- Janke, W. 1971. Beitrag zu Entstehung und Alter der Dünen der Lubminer Heide sowie der Peenemünde-Zinnowitzer-Seesandebene, *Wissenschaftliche Zeitschrift der Ernst-Moritz-Arndt Universität, mathematische-naturwissenschaft Reihe*, **20**, 39-54. [codn]
- Janmart, J. 1953. The Kalahari Sands of the Lunda (northeastern Angola), their earlier redistributions and the Sangoan culture, *Pub.Cult.Comp.Diam.Angola*, **20**, ** [stbdsn]
- Jansson, T. 1959. One aeolian sand, dunes and sand drift at Tylösand (in Swedish), *Hallands Natur*, **23**, 41-50.
- Jaskowi, B. and Kowalski, B. 1977. Size frequency and rounding of dune sands of the Registan Desert in Afghanistan (in Polish), *Czasopismo Geograficzne*, **48** (4), 397-412. [abstract in Busche *et al.* 1984]
- Jatho, G. 1970. *Flugsandbildung und hydrographischen Entwicklung im Bereich der Soholmer Au*, Doctorate dissertation, Mathematische-Naturwissenschaftliche Fakultät der Universität Kiel, ... [sdmo]
- Jauhiainen, E. 1970. Über den Boden fossilier Dünen in Finland, *Fennia*, **100** (3), 1-32. [dnsol stbdsn abstract in Niessen, *et al.* 1984]
- Jauhiainen, E. 1972. Rate of podzolization in a dune in northern Finland, *Commentationes Physico-Mathematicae, Societas Scientarum Fennia*, **42**, 33-44. [dnsol stbdsn abstract in Niessen, *et al.* 1984]
- Jauhiainen, E. 1973. Age and degree of podzolization of sand soils on the coastal plain of northwest Finland, *Commentationes Biologicae, Societas Scientarum Fennica*, **68**, 32 pp. [dnsol stbdsn]
- Jauzein, A. 1958. Les formes d'accumulation éolienne liées a des zones inondables en Tunisie septentrionale, *Comptes rendus de l'Académie des Sciences, Paris*, **247**, 2396-99. [dune]
- Jawad, A.A. and Al-Ani, R.A. 1983. Sedimentological and geomorphological study of sand dunes in the western desert of Iraq, *Journal of Arid Environments*, **6** (1), 13-32.
- Jefferies, R.L. and Davy, A.J., Eds. 1979. *Ecological processes in coastal environments*, Blackwell, Oxford, 684 pp. [codn dnveg biol b 6 bri]
- Jeffrey, D.W., Ed. 1977. *North Bull Island, Dublin Bay - a modern coastal natural history*, Mount Salus Press, Dublin, 158 pp. [codn]

- Jelgersma, S., de Jong, J., Zagwijn, W.H. and van Regteren Altena, J.F. 1970. The coastal dunes of the western Netherlands: geology, history and archaeology, *Mededelingen, Rijks Geologische Dienst*, Haarlem, NS **21**, 93-167. [codn]
- Jelgersma, S. and van Regteren Altena, J.F. 1969. An outline of the geological history of the coastal dunes of the western Netherlands: geology, history and archaeology, *Geologie en Mijnbouw*, **48**, 335-342. [codn]
- Jenkin, C.F. 1931. The pressure exerted by granular material: an application of the principles of dilatancy, *Proceedings of the Royal Society of London*, **A 131** (816), 53-89. [sand dune]
- Jennings, J.N. 1955. Le complexe des sebkhas: un commentaire provenant des antipodes, *Revue de Géomorphologie dynamique*, **6**, 69-72. [dune?]
- Jennings, J.N. 1957a. Coastal dune lakes as exemplified from King Island, Tasmania, *Geographical Journal*, **123** (1), 59-70. [codn]
- Jennings, J.N. 1957b. The orientation of parabolic and U-dunes, *Geographical Journal*, **123** (4), 474-480. [codn]
- Jennings, J.N. 1964. The question of coastal dunes in tropical humid climates, *Zeitschrift für Geomorphologie*, NF **8**, 150-154. [codn abstract in Busche *et al.* 1984]
- Jennings, J.N. 1965. Further discussion of factors affecting coastal dune formation in the tropics, *Australian Journal of Science*, **28** (4), 166-167. [codn]
- Jennings, J.N. 1967. Cliff-top dunes, King Island, Tasmania, *Australian Geographical Studies*, **5** (1), 40-49. [codn]
- Jennings, J.N. 1968. A revised map of the desert dunes of Australia, *Australian Geographer*, **10** (5), 408-409.
- Jennings, J.N. 1975. Desert dunes and estuarine fill in the Fitzroy estuary (north-western Australia), *Catena*, **2**, 215-262. [also *Area*, **1**, 27-28. (1969) abstract in Busche *et al.* 1984]
- Jennings, J. and Hagedorn, H., Eds. 1983a. Dunes: continental and coastal, *Zeitschrift für Geomorphologie, Supplement Band*, **45**, 319 pp. [codn abstract in Busche *et al.*, 1984 annexe]
- Jennings, J. and Hagedorn, H. 1983b. Introduction, in *Dunes: continental and coastal*, Eds. Jennings, J. and Hagedorn, H., *Zeitschrift für Geomorphologie Supplement Band*, **45**, 1-6. [dune]
- Jenny, H., Arkley, R.J. and Schultz, A.M. 1969. The pygmy forest-podsol ecosystem and its dune associates of the Mendocino coast, *Madroño*, **20**, 60-74. [dnveg dnsol]
- Jensen, A.M. 1976. A review of some dune afforestation procedures, in *Conservation in arid and semi-arid zones, Conservation Guide*, **3**, Food and Agriculture Organization of the United Nations (FAO), Rome, 85-94. [geog xf 72 foo dnuse abstract in Busche *et al.* 1984]
- Jensen, C. 1900. *Vom Dünenstrand der Nordsee und vom Wattenmeer*, Ibbeken, Schleswig, 151 pp. [codn]
- Jensen, J.L., Rasmussen, K.R., Sørensen, M. and Willetts, B.B. 1984. *The Hanstholm Experiment, 1982. Sand grain saltation on a beach, Research Reports*, **125**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, ** pp. [sdmo]
- Jensen, J.L. and Sørensen, M. 1983. On the mathematical modelling of aeolian saltation, in *Mechanics of sediment transport*, Eds. Sumer, M.B. and Muller, A., Balkema, Rotterdam, 65-72. [sdmo]

- Jensen, J.L. and Sørensen, M. 1986. Estimation of some aeolian saltation transport parameters: a reanalysis of William's data, *Sedimentology*, **33** (4), 547-558. [sdmo]
- Jensen, N.-O. 1978. Change in surface roughness and the planetary boundary layer, *Quarterly Journal of the Royal Meteorological Society*, **104** (2), 351-357. [sdmo]
- Jensen, N.-O. 1983. Escarpment-induced flow perturbations, a comparison of measurements and theory, *Journal of Wind Engineering and Industrial Aerodynamics*, **15**, 243-251. [dune]
- Jensen, N.-O. 1988. Airflow over complex terrain: commentary, in *Flow and transport in the natural environment: advances and applications*, Eds. Steffen, W.L. and Denmead, O.T., Springer-Verlag, Berlin, 230-239. [dune]
- Jensen, N.-O. and Peterson, E.W. 1978. On the escarpment wind profile, *Quarterly Journal of the Royal Meteorological Society*, **104** (3), 719-728. [dune]
- Jensen, N.-O. and Zeman, O. 1985. Perturbations to mean wind and turbulence in flow over topographic forms, *Proceedings of the International Workshop on the Physics of Blown Sand*, Eds. Barndorff-Nielsen, O.E., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoirs*, **8**, Department of Theoretical Physics, Institute of Mathematics, University of Aarhus, 351-368. [dune]
- Jensen, M. 1954. *Shelter effect – investigations into the aerodynamics of shelter and its effects on climate and crops*, Danish Technical Press, Copenhagen, ** [wneroc]
- Jentzsch, A. 1898. Über Dünenbildungen, *Verhandel Gesellschaft der Deutsches Naturforschungen Ärzte*, (2) 190. [codn dune]
- Jentzsch, A. 1900. Geologie der Dünen, in *Handbuch der deutschen Dünenbaues*, Part **1**, Ed. Gerhardt, P., Parey, Berlin, 1-24. [dune or Jentzsch ??]
- Jessen, O. 1914. Morphologische Beobachtungen an den Dünen von Amrum, Sylt und Röm, *Mitteilungen der geographisches Gesellschaft, München*, **9** (2), 231-265. [and unpublished Ph.D. dissertation, Erlangen, 135 pp. [codn]
- Jessen, O. 1935. Dünen und Klimaschwankungen, *Zeitschrift der Gesellschaft Erdkunde, Berlin*, 161-169. [codn]
- Jessen, O. 1937. Dorf und Dünen von Pillkopen auf der Kurischen Nehrung, *Mitteilungen der geographisches Gesellschaft, Rostock Beihefte*, **8**, 1-27. [codn]
- Jeswiet, J. 1913. Die Entwicklungsgeschichte der Flora der holländischen Dünen, *Beihefte der Botanische Zentralblatt*, **30** (2), 269-391. [dnveg codn]
- Jeswiet, J. 1914. Eine Einteilung der Pflanze der niederländischen Küstdünen in ökologische Gruppen, *Beihefte Botanische Zentralblatt*, **31** (2), 322-372. [dnveg codn]
- Jewitt, T.N. and Manton, J.S. 1954. Soil exhaustion of the Goz sands of the Sudan, *Transactions of the 5th International Congress of Soil Science*, Leopoldville, **2**, 413-416. [dnsol]
- Jeziarski, P. 1950. Stabilization of coastal dunes (in Polish), *Techn. Morza i Wybrzeza*, **5**, 6-7, 152-156. [dnuse codn]
- Jicha, H.L. 1954. The White Sands - a short review, *Guidebook 1959*, Society of Economic Palaeontologists and Mineralogists, Tulsa, OA, 285-291. [dune]

- Joenje, W., Westhoff, V. and van der Maarel, E. 1976. Flora der Vorländer und Dünen, in *Wattenmeer. Eine Natur der Niederlande*, Eds. Abrahamse, J., Joenje, W. and van Leeuwen-Seelt, N., Wachholtz, Neuminster, 177-195. [dnveg codn]
- Johnson, A.F. 1977. A survey of strand and dune vegetation along the Pacific and southern gulf coast of Baja California, Mexico, *Journal of Biogeography*, **4** (1), 83-99. [codn dnveg]
- Johnson, A.F. 1982. Dune vegetation along the eastern shore of the Gulf of California, *Journal of Biogeography*, **9** (4), 317-220. [codn dnveg]
- Johnson, C.L. 1976. Factors affecting the establishment and distribution of Corsican Pine natural regeneration at Holkham National Nature Reserve, *Journal of Forestry*, **2**, 95-102. [codn dnveg]
- Johnson, D.L. 1967. Caliche on the Channel Islands (of California), *Mineral Information Service*, **20**, California Division of Mines and Geology, 151-157. [dnsol codn]
- Johnson, D.W. 1916. Contributions to the study of ripple-marks, *Journal of Geology*, **24** (8), 809-819.
- Johnson, J.W. 1965. Sand movement on coastal dunes, *Proceedings of the Federal Inter-Agency Sedimentation Conference, Miscellaneous Publication*, **970**, United States Department of Agriculture, 747-755. [sdmo codn dnuse abstract in Busche *et al.* 1984]
- Johnson, J.W. and Kadib, A.L. 1964. Sand losses from a coast by wind action, *Proceedings of the 9th Coastal Engineering Conference*, 368-377. [codn sdmo dnuse abstract in Busche *et al.* 1984]
- Johnson, R.B. 1967. The Great Sand Dunes of southern Colorado, *United States Geological Survey, Professional Paper*, **575-C**, 177-183.
- Johnson, R.B. 1968. The Great Sand Dunes of southern Colorado, *Rocky Mountain Geologist*, **5** (1), 23-39. [abstract in Busche *et al.* 1984]
- Johnson, R.B. 1971. The Great Sand Dunes of southern Colorado, in *Annual Field Conference Guidebook*, **22**, New Mexico Geological Survey, 123-128.
- Johnstone, W.M. and Wilkinson, J.C. 1960. Some geographical aspects of Qatar, *Geographical Journal*, **126** (4), 442-450. [dune]
- Joly, F. 1957b. Sur la répartition et la limite des dunes désertiques dans les confins algéro-marocaines, in *Rapports Préliminaires pour la 8^{me} Assemblée, Comptes rendus du 18^{me} Congrès international de Géographie, 1952*, 131-134.
- Joly, J. 1904. Formation of sand ripples, *Scientific Proceedings of the Royal Society of Dublin*, NS **10**, 328-330.
- Jonassen, H. 1954. Dating of sand drift east of Ulfborg, *Botanisk Tidsskrift*, **51**, 134-140. [dune codn]
- Jones, B. and Ng, Kwok-Choi 1988. The structure and diagenesis of rhizoliths from Cayman Brac, British West Indies, *Journal of Sedimentary Petrology*, **58** (3), 457-467. [codn dnsol]
- Jones, B.G. 1981. Aeolian-oriented clasts in beach sediments, *Sedimentology*, **28** (3), 419-422. [sdmo sand]
- Jones, B.R. 1959. *Sedimentary study of dune sands, Lamb and Bailey Counties, Texas and White Sands National Monument, New Mexico*, unpublished M.Sc. dissertation, Texas Technical University, **
- Jones, D.J. 1953. Gypsum-oolite dunes - Great Salt Lake Desert, Utah, *Bulletin of the American Association of Petroleum Geologists*, **37** (1), 2530-2538. [part no ??]

- Jones, D.K.C., Cooke, R.U. and Warren, A. 1986. Geomorphological investigation, for engineering purposes, of blowing sand and dust hazard, *Quarterly Journal of Engineering Geology*, **19** (3), 251-270. [sdmo dnuse]
- Jones, D.K.C., Cooke, R.U. and Warren, A. 1988. A terrain classification of the Wahiba Sands of Oman, in *Scientific results of the Royal Geographical Society's Oman Wahiba Sands project*, Ed. Dutton, R., *Journal of Oman Studies, Special Report*, **3**, 19-32.
- Jones, J.R., Weier, H. and Considine, P.R. 1988. Geology and hydrogeology of the pre-dune sand deposits of the Wahiba Sands, Sultanate of Oman, in *Scientific results of the Royal Geographical Society's Oman Wahiba Sands project*, Ed. Dutton, R., *Journal of Oman Studies, Special Report*, **3**, 61-73. [dnhyd]
- Jones, J.R. and Willetts, B.B. 1979. Errors in measuring uniform aeolian sand flow by means of an adjustable trap, *Sedimentology*, **26** (3), 463-468. [sdmo]
- Jones, P.S. and Etherington, J.R. 1989. Ecological and physiological studies of sand dune slack vegetation at Kenfig Pool and Dunes Local Nature Reserve, Mid-Glamorgan, Wales, U.K., in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Academic, The Hague, 297-303. [dnveg codn]
- Jones, R. and Etherington, J.R. 1971. Comparative studies of plant growth and distribution in relation to waterlogging. IV. The growth of dune and slack plants, *Journal of Ecology*, **59**, 793-801. [codn dnveg]
- Jopling, A.V. 1967. Origin of laminae deposited by the movement of ripples along a streambed: a laboratory study, *Journal of Geology*, **75** (3), 287-305. [dnbed]
- Jopling, A.V. and Walker, R.G. 1968. Morphology and origin of ripple-drift cross-lamination, with examples from the Pleistocene of Massachusetts, *Journal of Sedimentary Petrology*, **38** (4), 971-984. [dnbed]
- Jordan, E. 1981. Die rezenten Dünengebiete boliviens und ihre regionalgenetische Differenzierung, *Würzburger geographische Arbeiten*, **53**, 159-194. [dune abstract in Busche *et al.* 1984]
- Jordan, E. 1982. Das Ausmass von Vezenten Sandverlagerungen in bolivianischen Dünengebieten - quantitative Luftbildauswertungen mit dem rechnergestützten Stereointerpretationsgetet Stereocord G2 und Ihre wissenschaftliche und praxusrelevante Deutung, *Zeitschrift für Geomorphologie, Supplement Band*, **43**, 183-202. [dune abstract in Busche *et al.* 1984]
- Jordan, D.W. 1954. The adhesion of dust particles, *British Journal of Applied Physics, Supplement*, **3**, S 194-197. [sdmo]
- Jordan, G.F. 1962a. Large submarine sand waves, *Science*, **136**, 839-848. [dunelog]
- Jordan, G.G. 1962b. Submarine physiography of the U.S. continental margins, *United States Coast and Geodetic Survey, Technical Bulletin*, **18**, 28 pp. [dunelog or G.F. ??]
- Jordan, U.W. 1876. *Physische Geographie und Meteorologie der Libyschen Wüste*, Cassel, **, 216 pp. [dune or Jordans ??]
- Jordan, W.M. 1964. Prevalence of sand-dune types in the Sahara Desert (abstract), *Geological Society of America, Special Paper*, **82**, 104-105.
- Jorré, G. 1935. Les formes de relief dans les steppes désertiques de l'Asie centrale russe, *Annales de Géographie*, **44**, 317-321. [dune]

- Judson, S. 1946. Late glacial and post glacial chronology of Adak, *Journal of Geology*, **54** (6), 376-385. [codn
- Jumale, N.M. 1980. Sand-dune control in the Marka area of Somalia, *Somali Range Journal*, **10**, 18-20. [dnuse abstract in Busche *et al.*, 1984
- Junger, H. 1987. Thermoluminescence dating of sediments from Oulainen and Vimpeli, Ostrobothnia, Finland, *Boreas*, **16**, 231-235. [codn ?
- Jungerius, P.D. 1979. The development of blow-outs in a coastal dune area of the Netherlands, *2nd colloquium on geomorphological processes*, Utrecht, ** [codn
- Jungerius, P.D. 1987. Erosiekartering in het Noordhollands Duinreservaat, *Duin*, **10**, 75-77. [codn erosion mapping
- Jungerius, P.D. 1989. Geomorphology, soils and dune management, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J.H., SPB Academic, The Hague, 91-98. [codn dnuse dnsol
- Jungerius, P.D. and de Jong, J.H. 1989. Variability in water repellence in the dunes along the Dutch coast, *Catena*, **16** (4-5), 491-497. [codn dnsol
- Jungerius, P.D. and van der Meulen, F. 1985. De ontwikkeling van stuifkiulen in het duinterrein Meijendel. Development of blowouts in coastal dunes (English summary), *Landschap*, **2**, 143-151. [codn
- Jungerius, P.D. and van der Meulen, F. 1988. Erosion processes in a dune landscape along the Dutch coast, *Catena*, **15** (3-4), 217-228. [codn
- Jungerius, P.D. and van der Meulen, F. 1989. The development of dune blowouts, as measured with erosion pins and sequential air photos, *Catena*, **16** (4-5), 369-376. [codn
- Jungerius, P.D., Verheggen, A.J.T. and Wiggers, A.J. 1981. The development of blowouts in 'De Blink', a coastal dune area near Noordwijkerhout, The Netherlands, *Earth Surface Processes and Landforms*, **6** (3-4), 375-396. [codn abstract in Busche *et al.* 1984
- Jungerius, P.D., Witter, V. and van Boxel, J. 1989. The use of standard meteorological data to predict blowout development in the coastal dunes of the Netherlands, *Proceedings of the Conference on Landscape Impact of Climatic Change*, Lunteren, The Netherlands, ** pp. [codn
- Jungst, J.T. 1938. Palaeogeographische Auswertung der Kreuzschichtung, *Geologie der Meere und Binnengewasser*, **2**, 229-277. [dune? or H. ??
- Jutson, J.T. 1918a. The sand ridges, rock floors and other associated features at Goonarrrie in sub-arid Western Australia, *Proceedings of the Royal Society of Victoria*, NS, **31**, 113-128. [dune
- Jutson, J.T. 1918b. The sand ridges, sand plains and "sand glaciers" at Comet Vale on sub-Arid Western Australia, *Proceedings of the Royal Society of Victoria*, NS, **31**, 412-420. [dune
- Jutson, J.T. 1934. The physiography (geomorphology) of Western Australia, *Bulletin of the Geological Survey of Western Australia*, 2nd Edition, **95**, 366 pp. [dune or **61** ??
- Jux, U. 1983. Zusammenstetzung und Ursprung von Wüstenglasern aus der grossen Sandsee Ägyptens, *Zeitschrift der deutschen geologischen Gesellschaft*, **134**, 521-553. [dune dnsol
- Kádár, L. 1934. A study of the sand sea in the Libyan Desert, *Geographical Journal*, **83** (6), 470-478. [dune

Kádár, L. 1938. Die periglaziale Binnendünen des norddeutschen und polonischen Fläichlandes, *Comptes rendus du 1^e Congrès international de Géographie*, **1**, Amsterdam, 167-183. [dune

Kádár, L. 1966. Az eolikus felszíni formák természetes rendszere, *Földrajzi Ertesito*, **15** (4), 413-448. [1977. *Natural systems of aeolian landforms*, Translated by Leo Kanner Associates, Redwood City, CA, 51 pp. dune abstract in Busche *et al.* 1984

Kadib, A.-L. 1964a. Calculation procedure for sand transport by wind on natural beaches, *Miscellaneous Paper*, **2-64**, United States Army Coastal Engineering Research Center, Beach Erosion Board, Washington, DC, ** [sdmo

Kadib, A.-L. 1964b. Sand transport by wind. Studies with sand C (0.145 mm diameter), in *Sand movement by wind*, Ed. Belly, P.Y., *Memorandum*, **1**, United States Army, Coastal Engineering Research Center, ** [sdmo or 1963. *Sand transport by wind; studies with sand (c.f 0.145 mm diameter)*, Hydraulic Engineering Laboratory, Wave Research Project, **HEL-2-5**, University of California. or *Technical Memorandum*, **1**, United States Army Corps of Engineers, Coastal Engineering Research Center ?? abstract in Belly, 1964

Kadib, A.-L. 1965. *A function of sand transport by wind*, *Technical Report*, **HE-2-8**, Hydraulics Engineering Laboratory, University of California, Berkeley, CA, 38 pp. [sdmo or **HE-2-12**, 91 pp. see Kawamura below ?? or 99-108 ??

Kadib, A.-L. 1966. Mechanism of sand movement on coastal dunes, *Proceedings of the American Society of Civil Engineers, Journal of the Waterways and Harbours Division*, **92**, 27-44. [sdmo **not waterways or hydraulics division v 92**

Kaiser, E., Ed. 1926a. *Die Diamantenwüste Südwestafrikas*, Dietrich Reimer (Ernst Vohsen), Berlin, 2 volumes, 535 pp. [dune? or 1927 ?? abstract in Busche *et al.*, 1984 annexe

Kaiser, E. 1926b. Die jungen sedimentären Neubildung om extrem-aridenklima der Namibwüste, in *Die Diamantenwüste Südwestafrikas*. **2**, Ed. Kaiser, E. Dietrich Reimer (Ernst Vohsen) Berlin, 317-380. [dune ?

Kaiser, E. and Neumaier, F. 1932. Sand-Steinsalz-Kristellskellete aus der Namib, Südwestafrikas, *Zentralblatt für Mineralogie, Geologie und Paläontologie*, **A 6**, 177-188. [dnsol ? dune ?

Kaiser, K. 1970. Beobachtungen über Fließmarken an Leeseitigen Barchan-Hänger, in *Kurt Kaiser Festschrift, Sonderband Kölner geographischen Arbeiten*, **22**, 65-71. [dune or 1971 ??

Kaldi, J., Krinsley, D.H. and Lawson, D. 1978. Experimentally produced aeolian surface textures on quartz sand grains form various environments, in *Scanning electron microscopy in the study of sediments*, Ed. Whalley, W.B., GeoBooks, Norwich, 261-274.

Kalenov, G.S. 1975. *Recommendations on the utilization of plant indicators in the Karakums* (in Russian), Desert Institute, Academy of Sciences, Turkmen SSR, 57 pp. [dnveg

Kalinske, A.A. 1943. Turbulence and the transport of sand and silt by wind, *New York Academy of Sciences, Annals*, **44**, 41-54. [sdmo

Kalla, J.C. 1976. Economic evaluation of arid land management technology, *Monograph*, **1**, 285-295. [dnuse dune fixation as example abstract in Busche *et al.* 1984

Kamel, A.F., Al-Rakaiby, M.M. and Al-Kassas, I.A. 1982. Photo-interpretation of sand dune belts in northwestern Sinai, *Egyptian Journal of Geology, Special Issue*, **1**, 57-70. [47-56 ??

Kamel, K. 1953. Sand dunes in the Kharga oasis, *Bulletin de la Société royale d'Egypte*, **25**, 77-80. [abstract in Busche *et al.* 1984

Kamichika, M., Matsuda, A. and Hayakawa, S. 1981. Micrometeorological characteristics in a sand dune (in Japanese with English summary), *Bulletin of the Sand Dune Research Institute*, Tottori University, **20**, 1-9. [codn ?

Kamola, D.L. and Chan, M.A. 1988. Coastal dune facies, Permian Cutler Formation (White Rim Sandstone), Capitol Reef National Park area, southern Utah, *Sedimentary Geology*, **56** (1-4), 341-356. [dnbed codn

Kampe, H.W.K. 1979. *Äolische Abtragungs- und Akkumulationsformen in den nord- und mittelamerikanischen Trockengebieten*, Staatsarbeit am geographischen Institut der Universität Würzburg, 92 pp. [dissertation dune

Kampé de Fériet, J. 1953. La turbulence atmosphérique et les phénomènes d'érosion, in *Actions éoliennes, phénomènes d'évaporation et d'hydrologie superficielle dans les régions arides, Colloques internationaux*, **35**, Centre nationale de la Recherche scientifique (CNRS), Paris, 81-102. [dune

Kamra, A.K. 1969. Electrification in an Indian dust storm, *Weather*, **24** (4), 145-146. [brief abstract in Busche *et al.*, 1984 sdmo

Kamra, A.K. 1972. Measurements of electrical properties of dust storms, *Journal of Geophysical Research*, **77** (30), 5856-5869. [sdmo abstract in Busche *et al.*, 1984

Kamra, A.K. 1977. Effect of dust-raising winds on the atmospheric electric field, in *Electrical processes in the atmosphere, Proceedings of the 5th International Conference on Atmospheric Electricity*, 1974, Stienkopf, Darmstadt, 168-174. [abstract in Busche *et al.*, 1984 sdmo

Kanter, H. and Schiffers, H. 1973. Der südösten und östen des Libischen Räumes, in *Die Sahara und ihre Rangebiete*. **3. Regionalgeographie**, Ed. Schiffers, H., Institut für Wirtschaftsforschung München Afrika-Studien, **62**, 370-423. [dune

Kao Shan-tun 1963. Investigation of sand desert and gobi in Sinkiang, (in Chinese), *Scientia Silvae*, **8** (1), 42-67. [dune abstract in Busche *et al.*, 1984 annexe

Kar, A. 1987. Origin and transformation of longitudinal sand dunes in the Indian desert, *Zeitschrift für Geomorphologie*, NF **31** (3), 311-337.

Kar, A. 1988. Evaluation of present-day geomorphic processes in the Indian Desert for assessing land degradation and natural hazards, in *Geomorphology and environment*, Eds. Singh, S. and Tiwari, R.C., Allahabad Geographical Society, Allahabad, 643-654. [dune sdmo

Karczewski, A. and Nowaczyk, B. 1976. Geological structure of the dune at Troszyn near Wolin (in Polish), *Poznanskie Towarzystwo Przyjaciół Nauk, Sprawozdania Wydziału Matematyczno-Przyrodniczego*, **94**, 38-40. [stbnd dnbed

Karczewski, A. and Stankowski, W. 1960. Investigations of the sea coast in western Pomerania (beach, dunes and cliff) (in Polish), *Zeszyty Naukowe, Uniwersytet Adama Mickiewicza, Poznan, Geografia*, **27** (3), 133-143. [also *Poznanskie Towarzystwo Przyjaciół Nauk, Sprawozdania Wydziału Matematyczno-Przyrodniczego*, **1959** (1), 83-84. codn

Kármán, T. see von Kármán

Karmeli, D., Yaalon, D.H. and Ravina, I. 1968. Dune sand and soil strata in Quaternary sedimentary cycles of the Sharon coastal plain, *Israel Journal of Earth Sciences*, **17**, 45-53. [codn dnsol

Karmon, Y. 1956. Geographical aspects in the history of the coastal plain of Israel, *Israel Exploration Journal*, **6**, 33-50. [codn

- Kaubler, R. 1974. Rezente äolische Prozesse Zwischen Mitteler Elbe und Mitteler Oder; Eine Kurzberichte, *Akademie der Wissenschaften in Göttingen mathematische-physikalische Klasse Abhandlungen*, **3** (29), 226-229. [dune recent aeolian processes between the central Elbe and the central Oder: a short note]
- Kaul, R.N. 1980. *Plant species for fixation, stabilization and afforestation of dunes*, FAO/DANIDA Training Course on Sand Dune Stabilization, Shelterbelts and Afforestation in the Dry Zones, Central Arid Zone Research Station, Jodhpur, 19 pp. [wneroc]
- Kaul, R.N. 1983. Some silvicultural aspects of sand dune afforestation, *International Tree Crops Journal*, **2**, 133-146. [dnuse dnveg]
- Kawada, S. 1953. Quelques expériences sur l'entraînement du sable par le vent, in *Actions éoliennes, phénomènes d'évaporation et d'hydrologie superficielle dans les régions arides, Colloques internationaux*, **35**, Centre nationale de la Recherche scientifique (CNRS), Paris, 109-115. [sdmo abstract in Busche *et al.* 1984]
- Kawamura, R. 1951. *Study on sand movement by wind* (in Japanese), *Report 5* (**314**), Institute of Science and Technology, Tokyo, 95-112. Translated as *Report, HEL-2-8*, (1964) Hydraulics Engineering Laboratory, University of California, Berkeley, CA, 38 pp. [sdmo or 58 pp. see Kadib above ? ?]
- Kawamura, R. 1953. Movement du sable sous l'effet du vent, in *Actions éoliennes, phénomènes d'évaporation et d'hydrologie superficielle dans les régions arides, Colloques internationaux*, **35**, Centre nationale de la Recherche scientifique (CNRS), Paris, 117-151. [sdmo abstract in Busche *et al.* 1984]
- Kawata, Y. and Tsuchiya, Y. 1976. Influence of water content on the threshold of sand movement and the rate of sand transport in blown sand (in Japanese), *Proceedings of the Japanese Society of Civil Engineers*, **249**, 95-110. [sdmo]
- Kawohl, W.J. 1977. Geschäumte Bitumen in Straßenbau Australiens, *Bitumen*, **39** (3), 3-7. [glue dnuse abstract in Busche *et al.* 1984]
- Kay, S.A.W. 1988. Dune movement: techniques for data collection and analysis, in *Scientific results of the Royal Geographical Society's Oman Wahiba Sands project*, Ed. Dutton, R., *Journal of Oman Studies, Special Report*, **3**, 181-184.
- Kaye, B.H. and Naylor, A.G. 1972. An optical information procedure for characterising the shape of fine particle images, *Pattern Recognition*, **4**, 195-199. [sand]
- Kayser, K. 1973. Beiträge zur Geomorphologie der Namib - Küstenwüste Begleitworte zu Einer Skizze ihrer Geomorphologischen, *Zeitschrift für Geomorphologie, Supplement Band*, **17**, 156-167. [dune]
- Kazanski, A.B. and Monin, A.S. 1961. The dynamic interaction between the atmosphere and the land surface, *Akademii Nauk, SSSR, Izvestiya, Serie Geograficheskaya*, **5**, 786-788. [sdmo]
- Kear, D. 1964. Coastal sand deposits: north-western North Island, *New Zealand Journal of Forestry*, **9** (20), 139-145. [codn dnuse ?]
- Kebin, Z. and Kaigo, Z. 1989. Afforestation and sand dune fixation in China, *Journal of Arid Environments*, **16** (1), 3-10. [dnuse]
- Keech, C.F. and Bentall, R. 1971. *Dunes on the Plains: The Sand Hills region of Nebraska, Resource Report*, **4**, University of Nebraska, Conservation and Survey Division, 18 pp. [stbdn]
- Kegel, W. 1937. Des Wüstensand "singt", *Kosmos*, **34**, 342. [singing sand]

Kegelman, J.T., Nelson, R.C. and Mueller, T.J. 1983. The boundary layer ** on an axisymmetric body with and without spin, *Journal of the American Institute of Aeronautics and Astronautics*, **21**, 1485-1491. [sdmo

Keilhack, K. 1893. Die Wanderdünen Hinterpommerns. Prometheus, *Zeitschrift der Technische Wissenschaftliche Industrie*, **5** (7), 102-108. [dune

Keilhack, K. 1896. Beobachtungen über die Bewegungsgeschwindigkeit zweier Wanderdünen zwischen Rügenwalde und Stolpmünde, *Jahrbuch der Preußen Geologische Landesanstalt*, **17**, 194-198. [codn dune

Keilhack, K. 1915. Granatsand-Dünen auf Ceylon, *Zeitschrift der Deutsche geologische Gesellschaft*, **67**, 47-56. [dune codn

Keilhack, K. 1917. Die großen Dünengebiete Norddeutschlands, *Deutsche geologische Gesellschaft, Zeitschrift, B. Monatsberichte*, **69**, 2-19. [dune codn or 1918 ?? stbdn ?

Kel'dzhaev, P.S. and Gladyshev, A.I. 1980. On growing conditions of *Glycyrrhiza* on desert sands (in Russian), *Problemy Osvoeniya Pustyn*, (6), 50-55. [dnveg

Keller, ** 1881. Studien über die Gestaltung der Sandküsten, *Zeitschrift für Bauwesen*, **31**, 190-** [codn

Keller, W.D. 1945. Size distribution of sand in some dunes, beaches and sandstones, *Bulletin of the American Association of Petroleum Geologists*, **29** (February), 215-221.

Keller, W.D. 1954. The energy factor in sedimentation, *Journal of Sedimentary Petrology*, **24** (1), 62-68. [sdmo sand

Kellogg, F.B. 1915. Sand dune reclamation on the coasts of northern California and southern Oregon, *Proceedings of the Society of American Foresters*, **10**, 41-64. [dnuse

Kelly, K. and Schnadelbach, R.T. 1976. *Landscaping the Saudi Desert*, **, Philadelphia, ** [nalb or ull or soas abstract in Busche *et al.* 1984 dnveg dnuse

Kelly, R.W. 1962. Michigan's sand dunes, a geological sketch, *Michigan Geological Survey Division*, 22 pp. [also *Michigan Conservation*, **31**, 10-16. codn

Kelso, R.P. 1978. The Kelso dune complex, in *Aeolian features of southern California: a comparative planetary handbook*, United States Government Printing Office, Washington, DC, (033-000-00706-0), 53-63. [abstract in Busche *et al.* 1984

Keng K'una-hung 1961. Preliminary achievements in study of drift-sand control by clay barriers in Min-Ch'in (in Chinese), *Ti-Hi* (Beijing), **5**, 200-205 / **19,037**, Joint publications Research Service, Washington DC, reference **AD 408-894**, ... [dnuse sdmo

Kennedy, J.F. 1963. The mechanics of dunes and antidunes in erodible-bed channels, *Journal of Fluid Mechanics*, **16** (4), 521-544. [dunelog

Kennedy, J.F. 1964. The formation of sediment ripples in closed rectangular conduits and in the desert, *Journal of Geophysical Research*, **69** (8), 1517-1524. [dunelog

Kennedy, J.F. 1969. The formation of sediment ripples, dunes and antidunes, *Annual Review of Fluid Mechanics*, **1**, 147-169. [dunelog

Kennedy, S.K., Meloy, T.P. and Durney, T.E. 1985. Sieve data - size and shape information, *Journal of Sedimentary Petrology*, **55** (3), 356-360. [sand

- Kenyon, N.H. 1970a. Sand ribbons of European tidal seas, *Marine Geology*, **9** (1), 25-35. [dunelog]
- Kenyon, N.H. 1970b. The origin of some transverse sand patches in the Celtic Sea, *Geological Magazine*, **107**, 389-394. [dunelog]
- Kenyon, N.H. and Stride A.H. 1968. The crest length and sinuosity of some marine sand waves, *Journal of Sedimentary Petrology*, **38** (1), 255-259. [dunelog]
- Kenyon, N.H. and Stride A.H. 1970. The tide-swept continental shelf sediments between the Shetland Islands and France, *Sedimentology*, **14**, 159-174. [dunelog]
- Kertész, A. 1979. Les zones en danger actuel ou virtuel de deflation en Hongrie, in *Recherches de l'environnement, cartographie de l'environnement, urbanisation et développement de l'environnement*, 7^e Colloque, Franco-Hongrois de Géographie, Institut de Recherches géographiques, Académie des Sciences de l'Hongrie, *Elmelet-Modszert, Gyakorlat*, **22**, 173-191. [dnuse sdmo wneroa]
- Kerr, R.C. and Nigra, J.O. 1951. *Analysis of eolian sand control*, Arabian American Oil, New York, ** [dnuse]
- Kerr, R.C. and Nigra, J.O. 1952. Eolian sand control, *Bulletin of the American Association of Petroleum Geologists*, **36** (8), 1541-1573. [dnuse abstract in Busche et al. 1984]
- Kes', A.S. 1983. Study of deflation processes and transfer of salts and dust, *Problemy Osvoeniya Pustyn*, (1), 3-15. [sdmo]
- Kes', A.S. and Fedorovich, B.A. 1977. Entstehung, Transport und Sedimentation äolischer Feinerde, *Petermanns geographische Mitteilungen*, **121** (3), 189-190. [sdmo abstract in Busche et al. 1984]
- Kesik, A. and Wojtanowcz, J. 1968. Analysis of the dune forms and deflation processes in a fragment of Chodel basin using aerial photos (in Polish), *Fotointerpretacja Geografii*, **6**, 44-58.
- Keyes, C.R. 1923. Phenomenal deposition of desert gypsum, *Pan-American Geologist*, **40**, 289-296. [ripple ?]
- Khakiev, A. and Kurbanov, O. 1972. Some problems of environmental protection in the sandy zone of the Karakum Canal Imeni V.I.Lenin, *Okhrana Prirody v Turkmenii*, 75-83. [dnuse]
- Khalaf, F.I. 1989a. Textural characteristics and genesis of aeolian sediments in the Kuwait desert, *Sedimentology*, **36**, 253-271. [sand]
- Khalaf, F.I. 1989b. Desertification and aeolian processes in the Kuwait Desert, *Journal of Arid Environments*, **16** (2), 125-145. [dnuse]
- Khalaf, F.I. and Al-Hashash, M.Z. 1983. Aeolian sedimentation in the north-western part of the Arabian Gulf, *Journal of Arid Environments*, **6** (4), 319-332. [sand]
- Khalaf, F.I. and Gharib, I.M. 1985. Roundness parameters of quartz grains of recent aeolian sand deposits in Kuwait, *Sedimentary Geology*, **45** (1-2), 147-158.
- Khalaf, F.I., Gharib, I.M. and Al-Hashash, M.Z. 1984. Types and characteristics of the recent surface deposits of Kuwait, Arabian Gulf, *Journal of Arid Environments*, **7** (1), 9-33. [dune]
- Khaled, E.M., Vanderdeelen, J. and Baert, L. 1986. Phosphate adsorption on desert sands coated with iron hydroxides, *Pédologie*, **36**, 117-131. [dnsol]
- Khan, M. 1952. A note on the afforestation of shifting sand duns area in the Thal (desert) area of Punjab, *Pakistan Journal of Forestry*, **2**, 267-279. [dnuse]

- Khan, M.K. 1960. Germination of some sand dune seeds from Konya, Karapinar area, Turkey, *Revue romaine de Biologie, Biologie végétal*, **23** (2), 159-161. [dnveg]
- Khanna, S.S., Ahuja, R.L., Menchanda, M.L., Aangwan, B.S. and Goyal, P. 1977. Soil-landscape relationships of the dune-infected PreCambrian pediplain area in southwestern part of Harayana, *Annals of Arid Zone*, **16** (2), 201-212. [dnsol stbdn abstract in Busche *et al.* 1984]
- Kharin, N.G., Gadziminskii, P.Z., Kurbanmuradov, K. and Kiril'tseva, A.A. 1980. Use of satellite photographs for studying deserts, *Problems of Desert Development*, (4), 1-8. [dune]
- Khiri, R.P. 1977. Palaeoclimatic inferences from Quaternary pedogenetic processes in arid zones, in *Ecology and archaeology of western India*, Eds. Agarwal, D.P. and Pande, B.M., Concept, Delhi, 127-134. [stbdn dnsol abstract in Busche *et al.* 1984]
- Khobzi, J. 1981. Los campos de dunas del norte de Colombia y de las Llanos de la Orinoquia, Columbia y Venezuela, *Revista CIAF*, **6** (1-3), 257-292. [dune]
- Khodzhayev, Ch. 1965. Methods of afforestation of barchan sands in the eastern Karakums, *Lesnoye Khozyaystvo*, **6**, 39-41. [dnuse dnveg]
- Khodzhayev, Ch. 1968. On deflation process intensification in the Karakum Canal, *Problems of Desert Development*, (2), 27-32. [wnero]
- Khodzhayev, Ch. 1970. Development of sand-desert landscapes under the influence of the Karakum Canal (in Russian), *Uchenyya Zapiski Seriya Yestestv. Nauk*, **34**, Turkmenskogo Pedagogicheskogo Instituta, 164-190. [dnuse]
- Khodzhayev, Ch. 1974a. Landscape regionalisation of sand desert territories, the southeastern Kyzyl Kums (in Russian), *Vsesoyuznoye Geograficheskoe Obschches'tvo Izvestiya*, **106** (5), 415-419. [dune]
- Khodzhayev, Ch. 1974b. On sand overgrowing in the eastern Karakums (in Russian), *Botanicheskiy Zhurnal*, (12), 1812-1818. [dnuse]
- Khodzhayev, Ch. 1978. Relief and depth of older eolian sands in southeastern Karakum (in Russian), *Problems of Desert Development*, (6), 31-37. [dune]
- Khodzhayev, Ch. 1983. Dynamics of barchan sands in Karakum canal zone (in Russian), *Problems of Desert Development*, (4), 51-55. [dune 53-58 ??]
- Khudayburdyev, S.G. 1973. Experiment in planting on marine shell sand (Bekdash Settlement), *Problems of Desert Development*, (5), 64-66. [dnuse codn]
- Khudayyarov, M. 1974. *Tdzhen River sands and problems of their development*, dissertation summary, Tashkent State University, 23 pp. [dnuse ?]
- Khudayyarov, M. 1975. Sand types on the Chradzhou-Repetek sector, *Problems of Desert Development*, (6), 73-75. [dune ?]
- Kida, J. 1986. Eolian processes in the Werenskiöld, Nann and Torell glacier forefields (Wedel-Jarlsberg-Land, SW Spitzbergen), in *Results of investigations of the Polish scientific Spitzbergen expeditions*, **6**, *Acta Univ. Wratslav.*, **966**, 25-43. [dune ?]
- Kidson, C. 1964. Coastal conservation in Great Britain, *Geography*, **49** (224), 314-321. [codn dnuse]
- Kidson, C. and Carr, A.P. 1960. Dune reclamation at Branton Burrows, Devon, *Journal of the Institute of Chartered Surveyors*, **93**, 298-303. [codn dnuse]

- Kidson, C., Collin, R.L. and Chisholm, N.W.T. 1989. Surveying a major dune system - Braunton Burrows, North-West Devon, *Geographical Journal*, **155** (1), 94-105. [codn]
- Kiersch, G.A. 1950. Small scale structures and other features of the Navajo Sandstone, northern part of San Rafael Swell, Utah, *Bulletin of the American Association of Petroleum Geologists*, **34** (5), 923-942. [dnbed]
- Kiffe, K. 1989. Der Einfluß der Kaninchenbeweidung auf die Vegetation am Beispiel des Straußgras-Dünenrasen der Ostfriesischen Inseln, *Tuexenia*, Göttingen, **9**, 283-291. [dnveg]
- Kikuchi, T. 1981. A wind tunnel study of the aerodynamic roughness associated with drifting snow, *Cold Science Research Technology*, **5**, 107-118. [sdmo]
- Killian, Ch. 1945. Un cas très particulier d'humification au désert due à l'activité de micro-organismes dans le sol des "nebkas", *Revue canadienne de Biologie*, **4**, 3-36. [dune dsol]
- Killian, Ch. 1953. L'action éolienne sur les sols et la végétation, *Annales d'Institut d'agronomie*, **7**, Service Recherches expérimental d'Agriculture, Algérie, 34-42. [dune dnsol]
- Killian, Ch. and Feher, D. 1935. Recherches sur les phénomènes microbiologiques des sols sahariens, *Annales de l'Institut Pasteur*, **55**, 573-622. [decol dsol dnsol]
- Killian, Ch. and Feher, D. 1938. Le rôle et l'importance de l'exploration microbiologique des sols sahariens, in *La vie dans la région désertique nord-tropicale de l'Ancien Monde, Mémoire*, **6**, Société de Biogéographie, Paris, 81-106. [decol dsol dnsol]
- Killian, Ch. and Feher, D. 1939. ** microbiology of desert soils**, *Encyclopedie Biologique*, **21**, 127 pp. [dnveg dnsol]
- Kimura, M., Otsuki, H. and Kondo, Y., *et al.* 1970. On the ancient sand dunes in the Takachi Plain, Hokkaido, Part 1. (in Japanese, *Quaternary Research* (Japanese Association for Quaternary Research), **9** (2), 41-50. [stbnd]
- Kinahan, G.H. 1971. Aeolian drift and blowing sand, Ireland, *Geological Magazine*, Decade 2, **8**, 155-158. [codn sdmo not in index 1971 (100) 1871 ??]
- Kind, R.A. 1986. Snowdrifting: a review of modelling methods, *Cold Science Research Technology*, **12**, 217-228. [sdmo]
- Kind, R.J. 1976. A critical examination of the requirements for model simulation of wind-induced erosion/deposition phenomena such as snow drifting, *Atmospheric Environment*, **10** (3), 219-227. [sdmo]
- Kind, R.J. and Murray, S.B. 1982. Saltation flow measurements relating to modelling of snowdrifting, *Journal of Wind Engineering and Industrial Aerodynamics*, **10** (1), 89-102. [sdmo]
- Kindle, E.M. 1917. Recent and fossil ripple marks, *Museum Bulletin of the Geological Survey of Canada*, **2**, 35.
- Kindle, E.M. 1919. A neglected factor in the rounding of sand grains, *American Journal of Science*, (4th Series **19**), **197** (282), 431-434.
- Kindle, E.M. 1923. A note on rhizoconcretions, *Journal of Geology*, **33** (7), 744-746. [dnsol]
- Kindle, E.M. and Bucher, W.H. 1932. Ripple mark and its interpretation, in *Treatise on sedimentation*, Ed. Twenhofel, W.H., Williams and Wilkins, Baltimore, 623-668.

- Kindle, E.M. and Edwards, E.M. 1924. Literature of ripple mark, *Pan-American Geologist*, **41**, 191-203.
- King, C.A.M. 1973. Dynamics of beach accretion in south Lincolnshire, in *Coastal geomorphology*, Ed. Coates, D.R., State University of New York, Binghamton, 73-98. [codn
- King, D. 1956. The Quaternary stratigraphic record at Lake Eyre North and the evolution of existing topographic forms, *Transactions of the Royal Society of South Australia*, **79**, 97-103. [dune
- King, D. 1960. The sand-ridge deserts of Australia and related aeolian landforms of the Quaternary arid cycles, *Transactions of the Royal Society of South Australia*, **83**, 99-108. [dune abstract in Busche *et al.* 1984
- King, L.C. 1941. A miniature desert in Natal, *South African Geographical Journal*, **23** (1), 58-61. [dune
- King, L.C. 1952. Vegetation patterns revealing former Kalahari dunesands in Southern Rhodesia, *South African Journal of Science*, **43**, 374-375. [or **48** ?? stbdn dnveg
- King, R.C. and Kindel, K.K. 1969. One-step control of coastal sand dunes in Chile, *Journal of Forestry*, **67**, 810-812. [codn dnuse
- King, W.H.J. 1912. Travels in the Libyan Desert, *Geographical Journal*, **39** (2), 133-137. [dune
- King, W.H.J. 1916. The nature and formation of sand ripples and dunes, *Geographical Journal*, **47** (3), 189-209.
- King, W.H.J. 1918. Study of a dunebelt, *Geographical Journal*, **51** (1), 16-33.
- Kinzl, H. 1958. Die Dünen in der Küstenlandschaft von Peru, *Mitteilungen der geographischen Gesellschaft*, **100** (1-2), 5-17. [dune
- Kirkpatrick, J.B. and Hassall, D.C. 1981. Vegetation of the Sigatoka sand dunes, Fiji, *New Zealand Journal of Botany*, **19** (3), 285-297. [codn dnveg
- Kishk, M.A. 1985. Desert encroachment in Egypt's Nile Valley, in *Soil erosion and conservation*, Eds. El-Swaify, S.A., Moldenhauer, W.C. and Lo, A., Soil Conservation Society of America, Ankeny, IA, 15-23. [dnuse geog 53 UAGN/Soi
- Kishk, M.A., Fathi, A. and Darwish, O.H. 1980a. *Evaluation of desertification in the fringes of the lower Nile Valley: grain size parameters*, *Research Bulletin*, **1301**, Faculty of Agriculture, Ain Shams University, 15 pp. [sand !!!
- Kishk, M.A., Fathi, A. and Darwish, O.H. 1980b. *Evaluation of desertification in the fringes of the lower Nile Valley. III. Mineral composition of sand fractions*, Faculty of Agriculture, Ain Shams University, 13 pp. [sand !!!
- Klammer, C. 1982. Die Palaeowüste des Pantannal von Mato Grosso und die Pleistozäne Klimageschichte der brasilianischen Randtropen, *Zeitschrift für Geomorphologie*, NF **26** (4), 393-416. [stbdn abstract in Busche *et al.* 1984
- Klemsdal, T. 1969. Eolian forms in parts of Norway, *Norsk Geografisk Tidsskrift*, **23** (2), 49-66. [dune codn ? abstract in Niessen, *et al.* 1984
- Kliewe, H. 1973. Zur Genese der Dünen im Küstenraum der DDR, *Petermanns geographische Mitteilungen*, **117**, 161-168. [codn
- Kliewe, H. 1979. Zur Wechselwirkung von Natur und Mensch in küstennahen Dünensystemen, *Potsdamer Forschung*, **B 15**, 107-119. [codn

- Kliewe, H. and Rast, H. 1979. Geomorphologische und mikromagnetische Untersuchungen zu Habitus, Struktur und Genese des Zinnowitz-Transsenheider Strandwallsystems und seiner Dünen, *Petermanns geographische Mitteilungen*, **123** (4), 225-242. [codn abstract in Busche *et al.*, 1984 annexe]
- Klijn, J.A. 1981. *Nederlandse kustduinen. Geomorfologie en bodems*, dissertation, Amsterdam, Centre for Agricultural Publication and Documentation (Pudoc), Wageningen, ** [codn dnsol]
- Klijn, J.A. 1987a. Duinvorming op de Waddeneilanden, *Duin*, **10**, 92-96. [codn]
- Klijn, J.A. 1987b. Diversity and stability of landscape systems: a handful of paradoxes ? (in Dutch), *Landschap*, **4** (2), 107-122. [codn dnveg]
- Klingbiel, A. 1966. Observations sur les sables de recouvrement superficiel dans le Bordelais, *Bulletin du Service de la Carte géologique*, **61**, 185-188. [stbdn]
- Klinkhamer, P.G.L. and de Jong, T.J. 1985. Shoot biomass and species richness in relation to some environmental factors in a coastal dune area in the Netherlands, *Vegetatio*, **63** (3), 129-132. [codn dnveg]
- Klish, W. 1974. *Zur Lithologie holozäner Dünen auf Usedom*, unpublished M.Sc. dissertation, Greifswald, 67 pp. [codn sand]
- Klomp, W.H. 1989. Het Zwanenwater: a Dutch dune wetland reserve, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Scientific, The Hague, 305-312. [codn geog e 20 meu dnveg]
- Knapp, J.L. 1983. Upland wetlands created by eolian sand deposits of the Iowan erosional surface (abstract), *Proceedings of the 95th Session, Iowa Academy of Sciences*, **90** (1), ** [stbdn]
- Knapp, R.T. 1953. Etude sur l'interaction entre un fluide et des particules en suspension dans les écoulements sous l'action de la pesanteur et les courants de densité, in *Actions éoliennes, phénomènes d'évaporation et d'hydrologie superficielle dans les régions arides, Colloques internationaux*, **35**, Centre nationale de la Recherche scientifique, Paris, 153-177. [sdmo abstract in Busche *et al.* 1984]
- Kniffen, F.B. 1932. Lower California Studies. IV. The natural landscape of the Colorado Delta, *University of California Publications in Geography*, **5**, 149-244. [dune]
- Knight, J. and Kocurek, G. 1987. Aeolian bedform reconstruction - a case study from the Page Sandstone (Jurassic), northern Arizona, *Annual Midyear Meeting, Abstracts*, **4**, Society of Economic Palaeontologists and Mineralogists, 42. [dnbed]
- Knight, S.H. 1924. Eolian abrasion of quartz grains, *Bulletin of the Geological Society of America*, **35**, 107-108. [sand]
- Knobel, E.W. 1947. Soil survey of Akron area, Colorado, *United States, Department of Agriculture, Soil Survey Series*, **1938** (14), ** [stbdn dnsol]
- Knott, P. 1979. *The structure and pattern of dune-forming winds*, unpublished Ph.D. dissertation, University of London, 2 volumes, 403 and 279 pp.
- Knott, P. and Warren, A. 1981. Aeolian Processes, in *Manual of techniques in geomorphology*, Eds. Goudie A., *et al.*, George Allen and Unwin, London, 226-246. [dune sdmo abstract in Busche *et al.* 1984]
- Knottnerus, D.J.C. 1979. *Wind erosion research by means of a wind tunnel. Measures to control wind erosion of soil and other materials for reasons of economy and health*, Institute of Soil Fertility, Haren, ** [sdmo]

- Knottnerus, D.J.C. 1980. Relative humidity of the air and critical wind velocity in relation to erosion, in *Assessment of erosion*, Eds. De Boodt, M. and Gabriels, D., John Wiley and Sons, Chichester, 531-539. [sdmo]
- Knox, A.J. 1974. Agricultural use of machair, in *Sand dune and machair*, Ed. Ranwell, D.S., Institute of Terrestrial, Monks Wood Experimental Station Ecology, ** [codn dnsol dnuse dnveg]
- Knutson, P.L. 1977. *Planting guidelines for dune creation and stabilization*, *Coastal Engineering Technical Aid*, **77-4**, United States Army Corps of Engineers, Coastal Engineering Research Center, Fort Belvoir, VA, 26 pp. [codn dnuse dnveg abstract in Busche *et al.* 1984]
- Knutson, P.L. 1978. Planting guidelines for dune creation and stabilization, *Coastal Zone '78*, American Society of Civil Engineers, New York, 762-797. [codn dnuse dnveg]
- Knutson, P.L. 1980. Experimental dune restoration and stabilization, Nauset beach, Cape Cod, Massachusetts, *Technical Paper*, **80-5**, United States Army Corps of Engineers, Coastal Engineering Research Center, Fort Belvoir, VA, 42 pp. [codn dnuse abstract in Busche *et al.* 1984]
- Kobayshi, D. 1972. Studies of snow transport in low-level drifting snow, *Contribution*, **A 24**, Institute of Low Temperature Science, Sapporo, 1-58. [sdmo]
- Kobayshi, D. 1976. Snow drifts and drift density around obstructions, *Contribution*, **A 34**, Institute of Low Temperature Science, Sapporo, 237-240. [sdmo dunelog]
- Kobayshi, N. and Marsden, O.S. 1985. Formation of ripples in erodible channels, *Journal of Geophysical Research - Oceans*, **90**, 7332-7340. [dune]
- Kobayshi, S. 1979. Studies on interaction between wind and dry snow surface, *Contribution*, **A 29**, Institute of Low Temperature Science, Sapporo, 1-64. [sdmo dunelog]
- Kobayshi, S. and Ishihara, T. 1969. Snow erosion and snow accumulation by wind. I., *Contribution*, **A 27**, Institute of Low Temperature Science, Sapporo, 107-114. [dune]
- Kobayshi, S. and Ishihara, T. 1979. Interaction between wind and snow surface, *Boundary-Layer Meteorology*, **16** (1), 35-47. [dune]
- Kobendza, R. 1932. How does the root system of the pine react against burial by sand ? (in Polish), *Acta Societa Botanica Polonica, Supplement*, **9**, 101-113. [dnveg]
- Kobendzina, (Kaczorowska) J. 1926. Etude géographique sur la "Lande" de Kampinos (Polish, French abstract), *Przegląd Geograficzny (Revue Polonaise de Géographie)*, **6**, 45-91. [stbdn]
- Kobendzina, J. 1960. Ecology of the vegetation of drifting sands (in Polish), *Biologia w Szkole*, **13** (4), 215-228. [dnveg]
- Kobendzina, J. 1961a. The Holocene fossils of dunes, *Report*, **2, 6th Congress**, International Quaternary Research Association (INQUA), Warsaw, 279-283. [stbdn or 1964: "Les fossiles" de l'Holocène dans les dunes ??]
- Kobendzina, J. 1961b. Attempt to date dunes in the Kampinos primeval forest (in Polish, English abstract), *Przegląd Geograficzny*, **33** (3), 383-399.
- Kobendzina, J. 1961c. Some phenomena accompanying aeolian processes on dunes of the Kampinos Forest (Polish, English abstract), *Przegląd Geograficzny*, **33** (3), 539-542. [stbdn]
- Kobendzina, J. 1968. Wydmy Słowińskiego Parku Narodowego, *Ziemia*, **1967**, 70-80. [dune]

- Kobendzina, J. 1969a. Rôle de la végétation dans la formation des dunes, *Geographia Polonica*, **17**, 283-292. [dnveg or 1970 ??
- Kobendzina, J. 1969b. The effect of vegetation upon formation of inland dunes (in Polish, English abstract), *Processes and Forms of Polish Dunes*, Ed. Galon, R., Polskiej Akademii Nauk, Instytut Geografii, *Prace Geograficzne*, Warsaw, **75**, 75-100. [dnveg stbdn
- Kobendzina, J. 1982. Genesis of dunes (in Polish), *Rocz-i Gleboznawczy*, **33**, 3-4, 7-31. [codn
- Kobendinza, J. and Kobendza, R. 1958. Les dunes éparpillées de la Forêt de Kampinos, in *Wydmy srodladowe Polski*, Ed. Galon, R., **1**, Warsaw, 95-170. [stbdn
- Kobendzina, J. and Urbaniak, U. 1969. Bibliography of Polish dunes (in Polish), in *Processes and forms of Polish dunes*, Ed. Galon, R., Polskiej Akademii Nauk, Instytut Geografii, *Prace Geograficzne*, Warsaw, **75**, 369-387. [stbdn
- Koch, C. 1971. Some aspects of abundant life in the vegetationless sand of the Namib dunes, *South West Africa Scientific Society Journal*, **15**, 9-32. [dnveg
- Koch, H. 1929. Graphische Analyse der Stromung in Lut einer Dünen, *Jahrbuch der Veröffentlichungen der Forchungs Institut der Rhon-Rossitten Gesellschaft*, **2**, 17-20. [dune
- Kochel, R.C. and Wampfler, L.A. 1989. Relative role of overwash and aeolian processes on washover fans, Assateague Island, Virginia-Maryland, *Journal of Coastal Research*, **5** (3), 453-475. [codn sdmo
- Kocurek, G. 1980. *Significance of bounding surfaces, interdune deposits and dune stratification types in ancient erg reconstruction*, unpublished Ph.D. dissertation, University of Wisconsin, Madison, 369 pp. [dnbed
- Kocurek, G. 1981a. Significance of interdune deposits and bounding surfaces in eolian dune sands, *Sedimentology*, **28** (6), 753-780. [dnbed abstract in Busche *et al.* 1984
- Kocurek, G. 1981b. Erg reconstruction: Entrada Sandstone (Jurassic) of northern Utah and Colorado, *Palaeogeography, Palaeoclimatology, Palaeoecology*, **36**, 125-153. [dnbed
- Kocurek, G. 1984. Reply: origin of first-order bounding surfaces in aeolian sandstones, *Sedimentology*, **31** (1), 125-127. [dnbed
- Kocurek, G. 1986. Origins of low-angle stratification in eolian deposits, in *Aeolian geomorphology*, Ed. Nickling, W.G., **17th Proceedings of the International Binghampton Geomorphological Symposium**, Allen and Unwin, London, 176-193. [dnbed
- Kocurek, G., Ed. 1988a. *Late Palaeozoic and Mesozoic eolian deposits of the western interior of the United States*, *Sedimentary Geology*, **56** (1-4), 413 pp. [dnbed
- Kocurek, G. 1988b. First-order and super bounding surfaces in eolian sequences - bounding surfaces revisited, *Sedimentary Geology*, **56** (1-4), 193-206. [dnbed
- Kocurek, G. and Dott, R.H. 1981. Distinctions and uses of stratification types in the interpretation of eolian sand, *Journal of Sedimentary Petrology*, **51** (2), 579-595. [dnbed abstract in Busche *et al.* 1984
- Kocurek, G. and Dott, R.H. 1983. Jurassic palaeogeography and paleoclimate of the central and southern Rocky Mountain region, in *Mesozoic paleogeography of the west-central United States*, Eds. Reynolds, M.W. and Dolly, E.D., *Rocky Mountain Paleogeography Symposium*, **2**, Society of Economic Palaeontologists and Mineralogists, Denver, CO, 101-118. [dnbed

- Kocurek, G. and Fielder, G. 1982. Adhesion structures, *Journal of Sedimentary Petrology*, **52** (4), 1229-1242. [dnbed]
- Kocurek, G. and Hunter, R.E. 1986. Origin of polygonal fractures in sand, uppermost Navajo and Page Sandstones, Page, Arizona, *Journal of Sedimentary Petrology*, **56** (6), 895-904. [dnbed]
- Kocurek, G. and Nielson, J. 1984a. Determination of original eolian dune height from ancient cross-strata (abstract), *1st Annual Midyear Meeting*, Society of Economic Palaeontologists and Mineralogists, Tulsa OA, 44. [dnbed]
- Kocurek, G. and Nielson, J. 1984b. Eolian sheet sands: genesis, maintenance and variations (abstract), *1st Annual Midyear Meeting*, Society of Economic Palaeontologists and Mineralogists, 44. [dnbed]
- Kocurek, G. and Nielson, J. 1985. Eolian reservoir characteristics predicted from dune type (abstract), *Bulletin of the American Association of Petroleum Geologists*, **69** (2), 274. [dnbed]
- Kocurek, G. and Nielson, J. 1986. Conditions favourable for the formation of warm-climate eolian sand sheets, *Sedimentology*, **33** (6), 795-816. [dune dnbed]
- Kocurek, G. and Nielson, J. 1986. Climbing zibars of the Algodones, *Sedimentary Geology*, **48** (1), 1-15. [dune dnbed]
- Kocurek, G. and Oakes, C. 1985. Migration of dunes and ergs - bounding surfaces revisited (abstract), *2nd Annual Mid-Year Meeting*, Society of Economic Palaeontologists and Mineralogists, ** [dnbed]
- Kohl, J.G. 1846. *Die Marschen und Inseln der Herzogthümer Schleswig und Hostein*. 3 volumes, ** Dresden, ** [Marsh (man and nature) p. 398 says dunes in II, 112-162; 193-204. codn, poetic description of history of sand in Marsh p. 410 codn ?]
- Köhler, A. 1970. Geobotanische Untersuchungen an Küstendünen Chiles zwischen 27 und 42 Grad südlicher Breite, *Botanische Jahrbuch*, **90**, 55-200. [dnveg]
- Köhler, A. 1975. La végétation des dunes maritimes du Chili, in *Colloques phytosociologiques*, **1**, *La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 217-23. [dnveg codn dnuse]
- Kohnke, H. 1941. Black alder as a pioneer tree on sand dunes and eroded lands, *Journal of Forestry*, **39**, 333-334. [dnuse dnveg]
- Kolasa, M., Chmura, K. and Smoragiewicz, W. 1956. Notes on dune sands in the fork formed by the rivers Vistula and Dunajec (Polish, English Summary), *Zeszyty Naukowe, AGH*, **9**, *Ecologia*, **1**, 155-170. [stbdn]
- Kolb, C.R. and Van Lopik, J.R. 1956. Sand forms of the North African and Asian deserts (abstract), *20th International Geographical Congress*, Mexico, 403-404. [dune]
- Kolbuszewski, J. 1950. Notes on deposition of sand, *Research*, **3**, London, 425-436. [dune dnhyd ? dnbed]
- Kolbuszewski, J. 1953. Note on factors governing the porosity of wind deposited sands, *Geological Magazine*, **90** (1), 48-56. [dnhyd dnsol]
- Kolbuszewski, J., Nadolski, L. and Dydacki, Z. 1950. Porosity of wind deposited sands, *Geological Magazine*, **87**, 433-435. [dnhyd dnsol]
- Kolm, K.E. 1973. ERTS MSS Imagery applied to mapping and economic evaluation of sand dunes in Wyoming, *Contributions to Geology*, **12** (2), University of Wyoming, Laramie, 69-76.

- Kolm, K.E. 1974. ERTS MSS imagery applied to mapping sand dunes in Wyoming, in *Applied geology and archaeology: the Holocene history of Wyoming*, Ed. Wilson, M., *Report of Investigations*, **10**, Wyoming Geological Survey, 34-39.
- Kolm, K.E. 1982a. Predicting wind-velocities from sand dune and draa spacings determined by Fourier analysis, *Geological Society of America, Special Paper*, **192**, 19-23.
- Kolm, K.E. 1982b. Predicting surface wind characteristics of southern Wyoming from remote sensing and eolian geomorphology, *Geological Society of America, Special Paper*, **192**, 25-53. [dune
- Kolm, K.E. 1985. Predicting surface wind characteristics of southern Wyoming from remote sensing and eolian geomorphology, *Proceedings of the International Workshop on the Physics of Blown Sand*, Eds. Barndorff-Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., Aarhus, May 28-31, *Memoir* **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 421-481. [dune
- Kolm, K.E. and Marrs, R.W. 1977. Areas of high wind energy located by remote sensing of eolian geomorphic features, *Geological Society of America, Abstracts with Programs*, **9**, 1055-1056. [dune
- Kolm, K.E., Marrs, R.W., Marwitz, J. and Fletcher, J. 1975. *Evaluation of wind-energy from eolian geomorphic features mapped from LANDSAT imagery: first results*, Progress Report for Contract **AER75-00598**, *ERDA/NSF Report*, **00598-75/T1**, Wyoming University, Laramie, WG / National Technical Information Service, Springfield, VA, 31 pp. [or 39 pp ?? dune
- Kolstrup, E. 1983. Cover sands in southern Jutland (Denmark), *Proceedings of the 4th International Permafrost Conference*, 639-644. [stbnd
- Kolstrup, E. and Jorgensen, J.B. 1982. Older and younger coversand in southern Jutland (Denmark), *Bulletin of the Geological Society of Denmark*, **30**, 71-78. [stbnd
- Kolumbe, E. 1943. Über die Entwicklung einiger Dünenkleinformen af Sylt, *Zeitschrift der Geschiebeforschung, Flachlandsgeologie*, **18**, 116-125. [codn dune
- Komar, P.D. 1983. *CRC Handbook of Coastal Processes and Erosion*, CRC Press, Boca Raton, Florida, 305 pp. [codn ? geog e 24 kom
- Komar, P.D. 1987. Selective grain entrainment by a current from a bed of mixed sizes: a reanalysis, *Journal of Sedimentary Petrology*, **57** (2), 203-211. [sdmo
- Komar, P.D. and Cui, B. 1984. The analysis of grain-size measurements by sieving and settling tube techniques, *Journal of Sedimentary Petrology*, **54** (2), 603-614. [sand
- Komar, P.D. and Li, Z. 1986. Pivoting analysis of the selective entrainment of sediments by shape and size with application to gravel threshold, *Sedimentology*, **33** (3), 425-436. [sdmo
- Komar, P.D. and Reimers, C.E. 1978. Grain shape effects on settling velocity, *Journal of Geology*, **86** (2), 193-209. [sdmo sand
- Konecka-Betley, K. 1977. Soils of the dune areas of central Poland in the late glacial and Holocene, *Folia Quaternaria*, **49**, 47-62. [stbnd dnsol
- König, D. 1972. Deutung von Luftbildern des schleswig-hosteinischen Wattenmeeres, Beispiele und Probleme, *Küste*, **22**, 29-74. [dune codn
- König, D. 1987a. *Morphogenetische Studien in Küstendünenkörpern mittels optischer und chemische-analytischer Methoden*, unpublished Ph.D. dissertation, Münster, 393 pp. [codn sand

- König, D. 1987b. Nachweis morphogenetische Stadien in Küstendünen mittels optischer und chemisch-analytischer Methoden. Dargestellt am Beispiel der Ostdünen Wanderooges, in *Natur- und Kulturräume, Münsterische geographisches Arbeitung*, **27**, 83-96. [codn sand]
- Konings, P. and de Moor, G. 1988. Aeolian transport at the Belgian North Sea coast, *Bulletin de la Société belge pour l'Etudes géographiques*, **57**, 66-71. [sdmo]
- Konishchev, V.N. and Lyubimov, B.P. 1968. Ancient eolian relief forms in the Bolshezemelskaya tundra (in Russian), *Moskovskiy Universitieta Vestnik, Seriya Geografii*, **23** (2), 53-56. [dune stbdn]
- Kononova, N.N. 1986. *Aeolian processes and coastal landscapes of the Sakhalin north-western dune belt, for example* (in Russian), Far East University Press, Vladivostok, 131 pp. [codn sdmo]
- Konopliova, V.I., Selivertsov, Yu.P. and Filatov, O.M. 1983a. The Quaternary cover in Africa, 1. General Problems (in Russian), *Vestnik Leningradskogo Universiteta Geologiya-Geografiya*, **12**, 38-48. [dune? stbdn ?]
- Konopliova, V.I., Selivertsov, Yu.P. and Filatov, O.M. 1983b. The Quaternary cover in Africa, 2. (in Russian), *Vestnik Leningradskogo Universiteta Geologiya-Geografiya*, **12**, 41-53. [dune? stbdn ?]
- Korn, J. 1919. Über Dünenzüge im Torfe des Netzetales nei Czarnikau, ihr Alter und ihre Entstehung durch westliche Winde, nebst Bemerkungen über die alluviale Entwicklung des Netzetales, *Jahrbuch der prussische geologische Landesanstalt*, 1916, **37**, 147-156. [or 1918 ?? dune stbdn]
- Kornas, J. 1972. Plant associations on coastal and inland dunes (in Polish), in *The vegetation of Poland*, **1**, Eds. Szafer, W. and Zarzycki, K., PWN, Warsaw, 297-308. [dnveg]
- Korobova, Y.N. 1970. *Agrometeorological condition and dynamics of sandy pasture yields in the northern Aral' area*, Turkmen Academy of Sciences, Ashkhabad, 18 pp. [dnveg dnuse graz]
- Koscielniak, E. 1937. *Unusual eolian deposits on a volcanic terrain near Saint Anthony, Idaho*, unpublished M.Sc. dissertation, University of New York at Buffalo, ** [dune]
- Koshunov, M. 1975. Characteristics of *Gleditschia triacanthos* growth in a sandy desert (in Russian), *Problemy Osvoeniya Pustyn*, (4), 29-33. [dnveg]
- Koske, R.E., Sutton, J.C. and Sheppard, B.R. 1975. Ecology of *Endogene* in Lake Huron sand dunes, *Canadian Journal of Botany*, **53** (1), 87-93. [codn dnsol dnveg]
- Kosmowska-Suffczynska, D. 1980. Dune forms in Sebkhet El-Muh in Palmyra Region (in Polish, English summary), in *Prace i Studia Geograficzne*, **2**, Eds. Kurlinski, A., et al., Warsaw University Press, 177-188. [abstract in Busche et al. 1984]
- Koster, E.A. 1968. De invloed van markebossen op de vorming van zeer hoge stuifzanderuggen ('Randwallen') op de veluwe, *Boor en Spade*, **16**, 66-73. [dune stbdn]
- Koster, E.A. 1970. Aktieve stuifzanded en Celtic fields in Midden Nederland op luchtfoto, *Geografisch Tijdschrift*, NR **4** (5), 419-431. [dune stbdn]
- Koster, E.A. 1978. De stuifzanden van Veluwe; Een Fysisch-Geografische Studie, *Publicaties van het Fysisch-Geografisch en Bodemkundig Laboratorium van de Universiteit van Amsterdam*, **27**, 195 pp. [dune abstract in Busche et al. 1984]
- Koster, E.A. 1982. Terminology and lithostratigraphic division of (surficial) sandy eolian deposits in the Netherlands: an evaluation, *Geologie en Mijnbouw*, **61** (2), 121-129. [dnbed stbdn abstract in Busche et al., 1984 annexe]

- Koster, E.A. 1988a. Eolian processes and deposits, in *Geographical research in the Netherlands, 1978-87*, Eds. Dietvorst, A.G.J. and Kwaad, F.J.P.M., *Nederlandse Geografische Studies*, **64**, Koninklijk Nederlands Aardrijkskundig Genootschap / International Geographical Union Sectie Nederland, 101-111. [dune sdmo stbdn]
- Koster, E.A. 1988b. Ancient and modern cold-climate aeolian sand deposition: a review, *Journal of Quaternary Science*, **3** (1), 69-83. [dune stbdn dnbed]
- Koster, E.A. and Dijkmans, J.W.A. 1988. Niveo-aeolian deposits and denivation forms with special reference to the Great Kobuk sand dunes, northwestern Alaska, *Earth Surface Processes and Landforms*, **13** (2), 153-170. [ripple dune]
- Koster, E.A. and Galloway, J.P. 1984. Periglacial dune formation and niveo-eolian features as exemplified in Kobuk sand dunes, Alaska, (abstract), *Final Proceedings of the 4th International Conference on Permafrost*, Ed. Péwé, T.L., *et al.*, Academic Press, Washington, DC, 323. [dnbed]
- Koster, E.A., Galloway, J.P. and Pronk, T. 1984. *Photo-interpretation map of surficial deposits and landforms of the Nogahabara Sand Dunes and part of the Koyukuk Lowland, Alaska, United States Geological Survey, Open File Report*, **84-10**, **
- Kostyuchenko, V.P. and Grave, L.M. 1975. Changes in the soils of the southeastern Karakums under the influence of the Karakum Canal, *Problems of Desert Development*, (1), 39-42. [dnsol dnuse]
- Kostyukovskiy, V.I. 1974. Causes of formation of pseudo-parabolic forms parallel to wind direction sand ridges in deserts of central Asia, *Geomorfologiya*, **3**, 63-68. [dune or "cases" ??]
- Kottlowki, F.E. 1958. Lake Otero - second phase in formation of New Mexico's gypsum dunes (abstract), *Bulletin of the Geological Society of America*, **69** (12), 1733-1734.
- Kowalkowski, A. 1977. A palaeopedological investigation of dunes at Pomorsko, *Quaestiones Geographicae*, **4**, 43-50. [dnsol stbdn]
- Kozarski, S. 1961. Age of dunes occurring within the Notec pradolina near Czarnikow, The Great Poland Lowland, *Guidebook of Excursion A, 6th Congress*, International Quaternary Research Association (INQUA), ** [stbdn]
- Kozarski, S. 1962. Dunes in the Notec ice-marginal valley near Czarnków (Polish, English abstract), *Badania Fizygeograficzne nad Polska Zachodnia*, **9**, 37-60. [stbdn]
- Kozarski, S. 1978. Das Alter der Binnendünen in Mittelwestpolen, in *Beiträge zur Quartar- und Landschaftsforschung: Festschrift zum 60 Geburtstag von Julius Fink*, Verlag F. Hirt, Wien, 291-305. [stbdn abstract in Niessen, *et al.* 1984]
- Kozarski, S., Nowaczyk, B., Rotnicki, K. and Tobolski, K. 1969. Problems concerning the eolian phenomena in west-central Poland with special reference to the chronology of phases of eolian activity (Polish, English abstract), *Geographia Polonica*, **17**, 231-248. [stbdn abstract in Niessen, *et al.* 1984]
- Kozarski, S. and Tobolski, K. 1963. Age of fossil dunes of the Notec ice-marginal valley near Czarnków (Polish, English abstract), *Badania Fizygeograficzne nad Polska Zachodnia*, **11**, 213-229. [stbdn]
- Kozarski, S. and Tobolski, K. 1968. Holocene transformations of inland dunes in Weilkopolska in the light of geomorphological and palynological investigations (in Polish), *Folia Quaternaria*, **29**, 127-134. [stbdn]
- Kozowski, L. 1923. *Die Steinzeit im Dünengebiet der Klienpolonischen Höhe*, (original in Polish), *Archiwum Nauk Antropologicznych*, **2**, 274 pp. German Edition ** Tubingen, ** [dune stbdn]

- Krafewski, K. 1977. Late Pleistocene and Holocene dune-forming processes in the Warsaw-Berlin pradolina (in Polish), *Acta Geographica Lodziensia*, **39**, 87 pp. [stbdr or Krajewski ??]
- Krajewski, K. 1977. Poznoplejstocenske i holocenske procesy wydmotworcze w Pradolinie Warszawsko-Berlinskiej w widlach warty i neru (English summary), *Acta Geographica Lodziensia*, **39**, Societas Scientorum Lodziensias, 87 pp. ["Late-Pleistocene and Holocene dune-forming processes in the Warsaw-Berlin Pradolina" stbdr abstract in Niessen, *et al.* 1984]
- Krajnyk, I.S. and Maun, M.A. 1981. Vegetative reproduction in the juvenile phase of *Ammophila brevigulata*, *Canadian Journal of Botany*, **59**, 883-892. [dnveg codn]
- Krause, G.C.A. 1850. *Der Dünenbau auf der Ostseeküsten Westpreußens*, **, Berlin, 229 pp. [codn]
- Krendel'ev, F.P. 1983. Barchans and ice hills in the Cars basin, (in Russian), *Priroda*, (Moscow) 1983. (2), 58-66. [dune]
- Kretschmer, H., Arndt, K. and Müller, H.M. 1971. Untersuchungen an Dünen im Gebiet des Dänengrunds bei Zempin, Usedom, *Petermanns geographischen Mitteilungen*, **115** (1), 9-15. [dune stbdr codn]
- Kretschmer, K. 1910. Die Küsten der "Landes", *Geographisches Zeitschrift*, **16**, 82-102. [stbdr codn]
- Kreutz, W. and Walter, W. 1956. Stream flow, erosion processes and snow deposition at artificial wind breaks on the basis of studies in a wind tunnel a contribution to the wind protection problem (in German), *Deutsche Wetterdienst, Berichte*, **4** (24) 25 pp. [sdmo dunelog brief abstract in Busche *et al.* 1984]
- Kriebel, D.L. 1986. Verification study of a dune erosion model, *Shore and Beach*, **54** (3), 13-20. [codn]
- Kriebel, D.L. and Dean, R.G. 1985. Numerical simulation of time-dependent beach-dune erosion, *Coastal Engineering*, **9** (3), 221-245. [codn]
- Krinitzky, E.L. 1949. Origin of pimple mounds, *American Journal of Science*, **247** (10), 706-714. [dune?]
- Krinsley, D.H. 1978. The present state and future prospects of environmental discrimination by scanning electron microscopy, in *Scanning electron microscopy in the study of sediments*, Ed. Whalley, W.B., Geobooks, Norwich, 169-179. [sand]
- Krinsley, D.H., Biscaye, P.E. and Turkian, K.K. 1973. Argentine Basin sediment sources as indicated by quartz surface textures, *Journal of Sedimentary Petrology*, **43** (1), 251-257. [sand]
- Krinsley, D.H. and Carvillero, L. 1970. Scanning electronmicroscopic examination of periglacial eolian sands from Long Island, New York, *Journal of Sedimentary Petrology*, **40** (4), 1345-1350. [abstract in Niessen, *et al.* 1984]
- Krinsley, D.H. and Donahue, J. 1968. Environmental interpretation of sand grain surface textures by electron microscopy, *Bulletin of the Geological Society of America*, **79** (6), 743-748.
- Krinsley, D.H. and Doornkamp, J.C. 1973. *Atlas of quartz sand grain surface textures*, Cambridge University Press, Cambridge, 91 pp.
- Krinsley, D.H., Friend, P.F. and Klimentidis, R. 1976. Eolian transport textures on the surfaces of sand grains of Early Triassic age, *Bulletin of the Geological Society of America*, **87** (1), 130-132.
- Krinsley, D.H. and Greeley, R. 1986. Individual particles and Martian eolian action - a review, *Sedimentary Geology*, **47**, 167-189. [sand sdmo]
- Krinsley, D.H., Greeley, R. and Pollack, J.B. 1979. Abrasion of windblown particles on Mars - erosion of quartz and basaltic sand under simulated martian conditions, *Icarus*, **39** (3), 364-384. [sand]

- Krinsley, D.H. and Leach, R. 1981. Properties of electrostatic aggregates and their possible presence on Mars, *Precambrian Research*, **14**, 167-178. [sand]
- Krinsley, D.H. and Margolis, S. 1969. A study of quartz sand grain surface textures with the scanning electron microscope, *Transactions of the New York Academy of Sciences*, Series II, **31** (5), 457-477.
- Krinsley, D.H. and Margolis, S. 1971. Grain surface textures, in *Procedures in sedimentary petrology*, Ed. Carver, R.E., Wiley Interscience, New York, 151-180. [sand]
- Krinsley, D.H. and McCoy, F. 1978. Eolian quartz sand and silt, in *Electron microscopy in the study of sediments*, Ed. Whalley, W.B., GeoAbstracts, Norwich, 249-260.
- Krinsley, D.H. and Smalley, I.J. 1972. Sand, *American Scientist*, **60** (3), 286-291. [abstract in Busche *et al.* 1984]
- Krinsley, D.H. and Smalley, I.J. 1973. Shape and nature of small sedimentary quartz particles, *Science*, **180** (4092), 1277-1279. [sand]
- Krinsley, D.H. and Takahashi, T. 1962. Electron microscopy of the surface textures of natural and artificial sand grains (abstract), *Geological Society of America, Special Paper*, **68**, 213-214.
- Krinsley, D.H. and Takahashi, T. 1978. Sand surface textures, in *Encyclopedia of sedimentology*, Eds. Fairbridge, R.W. and Bourgeois, J., Van Nostrand Reinhold, New York, 648-652.
- Krinsley, D.H. and Trusty, P. 1985. Environmental interpretation of quartz grain surface textures, in *Provenance of arenites*, Ed. Suffer, G.G., Reidel, Dordrecht, 213-229. [sand]
- Krinsley, D.H. and Wellendorf, W. 1980. Wind velocities determined from the surface textures of sand grains, *Nature*, **283** (5745), 372-373. [or W and K ??]
- Krishnan, A., Bhatt, P.N. and Rakhecha, A.P. 1966. A soil moisture regime and microclimatological study over sand dunes in western Rajasthan, *Annals of Arid Zone*, **5** (1), 1-9. [dclim dnhyd]
- Kristapivichus, G. 1968. Morphology of the continental dunes in the Grodno-Varena area, (in Russian), *Moskovskiy Universiteta Vestnik, Seriya Geografii*, **23** (3), 143-145. [stbdn]
- Krol, T. 1972. Dunes in the environs of Zaklikow, Sandomierz Lowland, (in Polish), *Annales Universitatis Mariae Curie-Sklodowska*, **27**, 21-46. [stbdn]
- Królikowski, L., Bobinski, Z. and Strzelecki, W. 1961. Water dynamics in the dune sands of the Henryków-Pludny dune (in Polish, English abstract), *Rocznik Gleboznawczy*, **10**, 636-637. Dodatek: Zjazd Naukowy PTG, Warszawa 14-16 IX 1961. [dnhyd]
- Królikowski, L., Janiszewski, B., _agosz, K. and Strzelecki, W. 1963. A simple method for determination of the dynamics of sand movements (in Polish, English abstract), *Rocznik Gleboznawczy, Suppl.*, **13**, 163-168. [sdmo 1961 ??]
- Królikowski, L., Janiszewski, B., _agosz, K. and Strzelecki, W. 1973. Investigations on the dynamics of the movement of sand on coastal dunes (in Polish), *Prace Instytutu Badawczego Les_ictwa*, **421**, 135-149. [sdmo]
- Królikowski, L. and Strzelecki, W. 1969. Characteristics of the sands on coastal dunes (in Polish), *Sylwan*, **112**, 21-29. [codn]
- Kroodsmas, R.F. 1937. Permanent fixation of sand dunes in Michigan, *Journal of Forestry*, **35** (4), 365-371. [dnuse]

- Krotoska, T. 1978. Vegetation of beach margin and of white coastal dunes in the S_owinski National Park, in *Guide to the Polish International Excursion 1978*, Ed. Wojterski, T., Univesytetu Poznanskiego, Biologia, **11**, 96-97. [dnveg codn
- Krotoska, T. and Tobolewski, Z. 1979. Psammophilous lichen community in S_owinski National Park, *Badania Fizygeograficzne nad Polska Zachodnia*, **B 31**, 53-63. [dnveg codn
- Krukowski, S. 1922. L'âge des dunes du Pays-Bas de la Pologne d'après leur préhistoire et leur rapport avec les lacs endigués glaciaires, formés au cours du retrait de la glaciation L₄. (in Polish, French abstract), *Posiedzenia Naukow, PIC*, **3**, 24-27. [stbdn
- Krumbein, W.C. 1936. Application of logarithmic moments to size frequency distribution of sediments, *Journal of Sedimentary Petrology*, **6** (1), 35-47. [sand
- Krumbein, W.C. 1938. Size frequency distribution and the normal Phi curve, *Journal of Sedimentary Petrology*, **8** (1), 84-90. [sand
- Krumbein, W.C. 1941a. The effects of abrasion on size, shape and roundness of rock fragments, *Journal of Geology*, **49** (5), 482-520. [sand
- Krumbein, W.C. 1941b. Measurement and geological significance of shape and roundness of sedimentary particles, *Journal of Sedimentary Petrology*, **11** (2), 64-72. [sand 63/100
- Krumbein, W.C. and Monk, G.D. 1942b. Permeability as a function of the size parameters of unconsolidated sand, *Petroleum Technology*, **5**, 1-11. [dnhyd
- Krumbein, W.C. and Sloss, L.L. 1963. *Stratigraphy and sedimentation*, Freeman, San Francisco, CA, 660 pp. [geol e 58 kru dnbed
- Krumbein, W.C. and Tisdell, F.W. 1940. Size distribution of source rocks of sediments, *American Journal of Science*, **238** (4), 296-305. [sand
- Krupinski, K.M. 1980. Preliminary characteristics of soils and vegetation of Palmyra region, Tadmor, in Syria, (in Polish), in *Prace i Studia Geograficzne*. **2**, Warsaw University Press, 221-227. [dnsol sand
- Kruse, A. 1981. *Die Dünen der Insel Sylt - Genese und ökologische Bedeutung*, MS, Hausarbeit Geographie, Hamburg, 96 pp. [codn
- Krygowski, B. 1958. Quelques données sur les sables des dunes continentales (in Polish, French summary), in *Wydmys srodladowe Polski*, Ed. Galon, R., WN, Warszawa, 73-85. [sand stbdn
- Kubota, S., Horikawa, K. and Hotta, S. 1982. Blown sand on beaches, *Proceedings of the 18th International Coastal Engineering Conference*, American Society of Civil Engineers, New York, 1181-1198. [sdmo
- Kuchkarov, M. 1975. *Economic effectiveness of sand fixation and afforestation* (in Russian), ..., Tashkent, 32 pp. [dnuse
- Kucinski, K.J. and Eisenmenger, W.S. 1943. Sand dune stabilisation on Cape Cod, *Economic Geography*, **19** (2), 206-214. [codn dnuse
- Kudaba, C. and Mardosiene, D. 1986. The peculiarities of aeolian geodynamics on the windward slope of the drifting dunes in the spit of Kursiu Nauc, *Trudy Vis. Uced. Zaved. Lit. SSR., Geogr.*, **22**. 8-86. [sdmo dune

- Kuenen, Ph.H. 1960a. Experimental abrasion. 4. Eolian action, *Journal of Geology*, **68** (4), 427-449. [sand]
- Kuenen, Ph.H. 1960b. Sand, *Scientific American*, **202** (4), 94-113.
- Kuenen, Ph.H. and Perdok, W.G. 1961. Frosting of sand grains, *Proceedings van het Koninklijk Nederlands Akademie van Wetenschappen*, **B 64**, 343-345.
- Kuenen, Ph.H. and Perdok, W.G. 1962. Experimental abrasion. 5. Frosting and defrosting of quartz grains, *Journal of Geology*, **70** (6), 648-658. [sand]
- Kuhlman, H. 1957a. Sandflugt og Klitdannelse, *Geografisk Tidsskrift*, **56**, 1-19. [sdmo sand drift and dune formation in relation to wind velocity rgs 416 e-f]
- Kuhlman, H. 1957b. Investigations of grain sizes of sand from the coastal dunes and the beach (in Danish), *Geografisk Tidsskrift*, **56**, 20-56.
- Kuhlman, H. 1957c. Microenvironments in a Danish dune area, Raberg Mile, *Meddelelser fra Dansk Geologisk Forening*, **14**, 253-258. [dnveg or 1960 ??]
- Kuhlman, H. 1958. Quantitative measurements of aeolian sand transport, *Geografisk Tidsskrift*, **57**, 51-74. [sdmo]
- Kuhlman, H. 1959. On the identification of blown sand, *Geografisk Tidsskrift*, **58**, 182-195. [sdmo]
- Kuhlman, H. 1960. Den potentielle jordfygning pa danske marker (the terminology of the geo-aeolian environment ?), *Geografisk Tidsskrift*, **59**, 70-88. [dune]
- Kuhlman, H. 1969. Coastal dunes (in Danish), in *Kust, klit of marsk*, Eds. Nørrevang, A. and Meyer, T.J., *Danmarks Natur*, **4**, 160-168. [codn]
- Kuhlman, H. 1980. Kustklitterne, in *Danmarks Natur*, **19**, Eds. Nørrevang, A. and Lundo, J., Politikens Forlag, Copenhagen, 160-186. [codn]
- Kühnholtz-Lordat, G. 1923. *Les dunes du Golfe du Lion*, Thèse, Paris, ** [codn]
- Kühnholtz-Lordat, G. 1921a. Phytogéographie génétique des dunes du Golfe du Lyon, *Comptes rendus de l'Académie des Sciences, Paris*, **1**, 728-730. [codn dnveg]
- Kühnholtz-Lordat, G. 1921b. Phytogéographie dynamique des dunes du Golfe du Lyon, *Comptes rendus de l'Académie des Sciences, Paris*, **1**, 865-868. [codn dnveg]
- Kühnholtz-Lordat, G. 1924. *Essai de géographie botanique sur les dunes du Golfe du Lyon*, Thèse, Science, Paris, ** [codn]
- Kukal, Z. 1982. Small aeolian bedforms in the desert, *Vestn. Ustr. Ust. Geol.*, **57**, 157-168. [ripple dune]
- Kühne, F. 1928. Terrassen und Dünen des Stauseegebietes zwischen Randow-und Odermünden, *Jahrbuch der preussischen geologischen Landesamt zu Berlin*, **48**, 285-293. [codn stbdn]
- Kulik, N.F. 1979. *Water regime of sands in the arid zone*, Gydrometeoizdat, Moscow, ** [dnhyd dnuse]
- Kulik, N.F. and Petrov, V.I. 1984. Silvicultural reclamation of desertified sandy tracts in southeastern European USSR, *Problems of Desert Development*, (1), 68-72. [dnuse]
- Kulik, N.F., Petrov, V.I. and Gusikov, A.F. 1980. Space photos used in a study of sand deflation of the Caspian land, *Problems of Desert Development*, (4), 95-96. [dune sdmo]

- Kulik, N.F. and Zyuz, N.S. 1975. Afforestation of the Terek-Kum and Astrakhan sands (in Russian), *Lesnoe Chazhajstvo*, **10**, 54-56. [dnuse dtechb wdfu dveg
- Kumar, M. and Bhandari, M.M. 1988. Floristic composition and life forms of the sand dunes vegetation at semi-arid zone of the Great Indian desert, *Journal of Phytological Research*, **1**, 21-30. [dnveg
- Kurbanmuradov, K. 1968. Types of old overgrown aeolian sands of the western part of central Karakum (in Russian), *Problems of Desert Development*, (6), 57-62. [stbdn
- Kurbanmuradov, K. and Svintsov, I.P. 1979. On woodland growing conditions of sands adjacent to the oasis along the middle Amuda'ya (in Russian), *Problemy Osvoeniya Pustyn*, (1), 52-57. [dnuse dnveg
- Kurbanov, K. 1967. Phytoreclamation of shifting sands in the Nebit-Dag, Kotur-Tepe highway area (in Russian), in *Irrigated farming and desert development, Okhrana Prirodyv Turkmenii*, 105-110. [dnuse dnveg
- Kurbanov, O.R. and Arnagel'dyyev, A. 1975. Wind erosion of sands in the Karakum Canal zone and certain measures to fight against it, *Problems of Desert Development*, (2), 76-79. [dnuse
- Kurbanov, O.R. and Esenov, P. 1975. Problems of the development of the sandy soils of Khauz Khan Massif, *Problems of Desert Development*, (6), 36-41. [dnuse dnsol
- Kurochkina, L.Ya. and Osmanova, L.T. 1973. *Pastures in sandy deserts in Kazakhstan*, Kaynar, Alma Ata, 204 pp. [dnveg dnuse
- Kurochkina, L.Ya. 1978. *The psammophytic vegetation of deserts in Kazakhstan*, Nauki, Alma Ata, 272 pp. [dnveg
- Kurochkina, L.Ya. and Osmanova, L.T. 1973. *Pastures in sandy deserts in Kazakhstan*, Kaynar, Alma Ata, 204 pp. [dnveg dnuse
- Kurtz, H. 1942. *Florida dunes and scrub*, *Bulletin*, **23**, Department of Conservation and Geology, State of Florida, 117 pp. [codn dnveg or Kurz ??, ..., *vegetation and geology*, or *Geological Bulletin*, **23**, State Geological Survey, Florida State Department of Conservation, 2-154. ??
- Kurz, E. 1904. *Die Dünengestalten der Kurischen Nehrung*, unpublished Ph.D. dissertation, Königsberg, 65 pp. [codn
- Kutiel, P. and Danin, A. 1987. Annual-species diversity and above-ground phytomass in relation to some properties in the sand dunes of the northern Sharon plains, Israel, *Vegetatio*, **70** (1), 45-49. [dnveg stbdn dveg
- Kutiel, P., Danin, A. and Orshan, G. 1979/80. Vegetation of the sandy soils near Caesarea, Israel, 1. Plant communities, environment and succession, *Israel Journal of Botany*, **28**, 20-35. [dnsol dnveg
- Kuzmin, R.O. 1978. The dark and bright streaks on Mars, *Modern Geology*, **6**, 139-146. [dune
- Kuzmin, R.O. 1989. Aeolian processes (in Russian), in *Planet Venus*, Nauka, Moscow, 278-291. [dune
- Kvartsiva, V.I., Kuzina, T.B. and Lyuttsau, S.V. 1976. Possibilities of space and high-altitude aerial photography application to the eolian topography deciphering (in Russian), *Geomorfologiya*, **1**, 51-59. [dune or Kravtsova, The possibility of using aerial and satellites images for eolian relief interpretation, ??
- Kwakernaak, C., Bolt, A.J.J. and Levelt, T.W.M. 1979. Voorne -Putten, een landschapsecologisch onderzoek, *Geografisch Tijdschrift*, **13** (2), 116-141. [codn

Dune Bibliography Part 2 (L-Z)

- Labat, ** 1889-90. Les dunes maritimes et sables littorales, *Bulletin de la Société géologique de France*, **18**, 259-273. [codn]
- Laboratoire de l'Institut de Géographie de l'Université de Strasbourg 1958. Méthode améliorée pour l'étude des sables, *Revue de Géomorphologie dynamique*, (3-4), 43-54. [sand]
- Lacaze, J. 1958a. Tourbillons atmosphériques d'axes verticaux (tourbillons de sables), *Journal scientifique de la Météorologie*, **10**, 133-147. [sdmo]
- Lacaze, J. 1958b. Les tourbillons de sable au Sahara, *Bulletin de l'Observatoire du Puy de Dôme*, **1**, 19-22. [sdmo]
- Lacoin, L. 1903. Observations sur la géologie du pays de l'Oubangui au Tchad, *Bulletin de la Société géologique de France*, **4**, 484-496. [stbdn]
- Lacoin, M. 1948. *Etudes sur la formation du sol de la Gascogne et la restauration de la forêt landaise*, **, Bordeaux, ** [codn dnuse dnveg dnsol stbdn]
- Lacroix, A. 1936. Les fulgarites du Sahara, *Extrait de les Comptes rendus de l'Académie des Sciences coloniales*, **25**, 9-**. [sand]
- Lacroix, A. 1942. Nouvelles observations sur les fulgarites du Sahara, *Bulletin du Service des Mines de l'Afrique occidentale française*, **6**, 23-48. [sand]
- Lai, R.J. and Wu, J. 1978. *Wind erosion and deposition along a coastal sand dune*, Report **DEL-SG-10-78**, Sea Grant Program, University of Delaware, 27 pp.
- Laing, C.C. 1954. *The ecological life history of the marram grass community on Lake Michigan dunes*, unpublished Ph.D. dissertation, University of Chicago, 108 pp. [dnveg codn]
- Laing, C.C. 1967. The ecology of *Ammophila breviligulata*. II. Genetic change as a factor in population decline on stable dunes, *American Midland Naturalist*, **77**, 495-500. [codn dnveg]
- Laloy, L. 1906. Le travail du vent à Cap Blanc, *La Nature*, **67**, 288-**. [dune?]
- Lalymenko, I.I. 1974. Afforestation of station of salinized sands in the Kotur-Tepe area (western Turkmenistan), *Problems of Desert Development*, (1), 76-79. [dnuse]
- Lambert, E.H.Jr. 1964. Sand mounds of Livingstone and Tangipahoa parishes, Louisiana (abstract), *Geological Society of America, Special Paper*, **82**, 303. [dune codn pimple, mima ?]
- Lamoureux, G. and Grandtner, M.M. 1977. Contribution à l'étude écologique des dunes mobiles. I. Les éléments phytosociologiques, *Canadian Journal of Botany*, **55**, 158-171. [dnveg codn]
- Lamoureux, G. and Grandtner, M.M. 1978. Contribution à l'étude écologique des dunes mobiles. II. Les conditions édaphiques, *Canadian Journal of Botany*, **56** (7), 181-832. [dnveg dnsol codn]
- Lancaster, N. 1978. Composition and formation of southern Kalahari pan margin dunes, *Zeitschrift für Geomorphologie*, NF **22** (2), 148-169. [actually "I.N." abstract in Busche *et al.*, 1984]
- Lancaster, N. 1979a. *Quaternary environments in the arid zone of southern Africa*, *Occasional Paper*, **22**, Department of Geography and Environmental Studies, University of Witwatersrand, 73 pp. [dune]
- Lancaster, N. 1979b. Dune forms and processes in the Namib Sand Sea, *Namib Bulletin*, (Supplement to the *Transvaal Museum Bulletin*), **3**, 3-5. [or 1980 ??]

- Lancaster, N. 1980a. Dune systems and palaeoenvironments in southern Africa, *Palaeologica Africana*, **23**, 185-189. [abstract in Busche *et al.*, 1984]
- Lancaster, N. 1980b. The formation of seif dunes from barchans - supporting evidence for Bagnold's model from the Namib Desert, *Zeitschrift für Geomorphologie*, NF **24** (2), 160-167. [abstract in Busche *et al.*, 1984]
- Lancaster, N. 1981a. Palaeoenvironmental implications of fixed dune systems in southern Africa, *Palaeogeography, Palaeoclimatology, Palaeoecology*, **33**, 327-346. [stbnd abstract in Busche *et al.*, 1984]
- Lancaster, N. 1981b. Grain size characteristics of Namib Desert linear dunes, *Sedimentology*, **28** (1), 115-122. [sand abstract in Busche *et al.*, 1984]
- Lancaster, N. 1981c. Aspects of the morphometry of linear dunes of the Namib Desert, *South African Journal of Science*, **77** (8), 366-368. [abstract in Busche *et al.*, 1984]
- Lancaster, N. 1982a. Dunes on the Skeleton Coast, Southwest Africa/ Namibia: geomorphology and grain size relationships, *Earth Surface Processes and Landforms*, **7** (6), 575-587. [sand]
- Lancaster, N. 1982b. Linear dunes, *Progress in Physical Geography*, **6** (4), 476-504. [abstract in Busche *et al.*, 1984]
- Lancaster, N. 1982c. Spatial variations in linear dune morphology and sediments in the Namib sand sea, in *Proceedings of the 6th Conference of the Southern African Society for Quaternary Research*, Eds. Vogel, J.C., Voigt, E.A. and Partridge, T.C., Pretoria, 26-29, May 1981, *Palaeoecology of Africa*, **15**, Balkema, Rotterdam, 173-182.
- Lancaster, N. 1982d. Spatial variation in grain size and sorting in the Namib Sand Sea (abstract), *International Association of Sedimentologists, 11th International Congress*, Hamilton Ontario, ** [sand]
- Lancaster, N. 1983a. Controls on dune morphology in the Namib Sand Sea, in *Eolian processes and landforms*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 261-290.
- Lancaster, N. 1983b. Linear dunes of the Namib sand sea, *Zeitschrift für Geomorphologie, Supplement Band*, **45**, 27-49. [abstract in Busche *et al.*, 1984]
- Lancaster, N. 1984a. Aridity in Southern Africa: age, origins and expression in landforms and sediments, in *Late Cainozoic Palaeoclimates of the Southern Hemisphere*, Ed. Vogel, J.C., Balkema, Rotterdam, 433-444. [stbnd]
- Lancaster, N. 1984b. Aeolian sediments, processes and landforms, *Journal of Arid Environments*, **7** (3), 249-254. [sand dune]
- Lancaster, N. 1985a. Winds and sand movements in the Namib sand sea, *Earth Surface Processes and Landforms*, **10** (6), 607-619. [sdmo dune]
- Lancaster, N. 1985b. Variations in wind velocity and sand transport on the windward flanks of desert sand dunes, *Sedimentology*, **32** (4), 581-593. [sdmo]
- Lancaster, N. 1986a. Grain-size characteristics of linear dunes in the southwest Kalahari, *Journal of Sedimentary Petrology*, **56** (3), 395-400. [sand]
- Lancaster, N. 1986b. Pans in the southwestern Kalahari: a preliminary report, *Palaeoecology of Africa*, **17**, 59-67. [stbnd]

Lancaster, N. 1987a. Variations in wind velocity and sand transport on the windward flanks of desert sand dunes - reply, *Sedimentology*, **34** (3), 516-520. [sdmo]

Lancaster, N. 1987b. Formation and reactivation of dunes in the southwestern Kalahari: palaeoclimatic implications, *Palaeoecology of Africa*, **18**, Balkema, Rotterdam, 103-110. [stbdn]

Lancaster, N. 1987c. *Variations in surface shear stress over a small aeolian dune, Report, ***, Program for Planetary Geology and Geophysics, ** [sdmo]

Lancaster, N. 1987d. Grain-size characteristics in the southwestern Kalahari - reply to Thomas and Martin, *Journal of Sedimentary Petrology*, **57** (3), 573-574. [dune sand]

Lancaster, N. 1987e. Variations in surface shear stress over aeolian dunes, *Geological Society of America, Abstracts with Program*, **19**, 738. [sdmo]

Lancaster, N. 1988a. Controls of eolian dune size and spacing, *Geology*, **16** (11), 972-975.

Lancaster, N. 1988b. On desert sand seas, *Episodes*, **11** (1), 12-17. [dune]

Lancaster, N. 1988c. The development of large aeolian bedforms, *Sedimentary Geology*, **55** (1-2), 69-90. [dune]

Lancaster, N. 1988d. The development of linear dunes in the southwestern Kalahari, southern Africa, *Journal of Arid Environments*, **14** (3), 233-244.

Lancaster, N. 1988e. *A bibliography of desert dunes: Earth, Mars and Venus, Contractor Report, 4149*, National Aeronautics and Space Administration (NASA), Washington, DC, 113 pp.

Lancaster, N. 1989a. The dynamics of star dunes an example from the Gran Desierto, Mexico, *Sedimentology*, **36** (2), 273-290.

Lancaster, N. 1989b. *The Namib Sand Sea: dune forms, processes and sediments*, Balkema, Rotterdam, 200 pp. [geog qw 22 lan]

Lancaster, N. 1989c. Late Quaternary palaeoenvironments in the southwestern Kalahari, *Palaeogeography, Palaeoclimatology, Palaeoecology*, **66** (1), 1-8. [stbdn]

Lancaster, N. 1989d. Star dunes, *Progress in Physical Geography*, **13** (1), 67-91.

Lancaster, N. and Greeley, R. 1987. Mars: morphology of the southern hemisphere intercrater dunefields, *Reports of Planetary Geology and Geophysics Program - 1986, Technical Memo, TM 89810*, National Aeronautics and Space Administration (NASA), 264-265.

Lancaster, N., Greeley, R. and Christensen, P.R. 1987. Dunes of the Gran Desierto sand sea, Sonora, Mexico, *Earth Surface Processes and Landforms*, **12** (3), 277-288.

Lancaster, N. and Hallward, J.R. 1984. *A bibliography of desert dunes*, Department of Environmental and Geographical Science, University of Cape Town, Mimeo, 145 pp.

Lancaster, N. and Ollier, C.D. 1983. Sources of sand for the Namib Sand Sea, *Zeitschrift für Geomorphologie, Supplement Band*, **45**, 71-83. [dune]

Lancaster, N. and Teller, J.T. 1988. Interdune deposits of the Namib sand sea, *Sedimentary Geology*, **55** (1-2), 91-108. [sand abstract in Busche *et al.*, 1984]

Land, L.S. 1964. Eolian cross-bedding in the beach-dune environment, Sapelo Island, Georgia, *Journal of Sedimentary Petrology*, **34** (2), 289-294. [dnbed]

- Land, L.S., Mackenzie, F.T. and Gould, S.J. 1967. Pleistocene history of Bermuda, *Bulletin of the Geological Society of America*, **78** (8), 993-1006. [codn]
- Landik, A.P. 1973. The movement of sand dunes in the area of Repetek, *Problemy Osvoeniya Pustin*, (3), 76-78.
- Landik, A.P. 1979. Dynamics of barchan relief and vegetation (in Russian), *Problems of Desert Development*, (5), 66-68. [dune dnuse or Landic ?? abstract in Busche *et al.*, 1984]
- Landsberg, H. 1942. The structure of the wind over a sand dune, *Transactions of the American Geophysical Union*, **23**, 237-239.
- Landsberg, H. and Riley, N.A. 1943. Wind influences on the transport of sand over a Michigan sand dune, *Studies in Engineering Bulletin*, **27**, University of Iowa, 342-352. [sdmo]
- Landsberg, J.J. and James, G.B. 1971. Wind profiles in plant canopies: studies of an analytical model, *Journal of Applied Ecology*, **8**, 729-742. [sdmo]
- Landsberg, J.J. and Thom, A.S. 1971. Aerodynamic properties of a plant complex structure, *Quarterly Journal of the Royal Meteorological Society*, **97** (4), 565-570. [sdmo]
- Landsberg, S.Y. 1955. *The morphology and vegetation of the Sands of Forvie*, unpublished Ph.D. dissertation, University of Aberdeen, ** [codn dnveg]
- Landsberg, S.Y. 1956. Orientation of dunes in Britain and Denmark, *Geographical Journal*, **122** (2), 176-189. [codn]
- Lang, J. and Pias, J. 1971. Morphogenèse 'dunaire' et pédogénese dans les bassins intramontagneux de Bamian (Afghanistan), *Revue de Géographie physique et Géologie dynamique*, **13** (4), 359-268. [dune dnsol]
- Lang, S. 1964. Pleistocene climatic changes and evolution of relief (abstract), *20th International Geographical Congress, London, Abstracts of Papers*, 66-67. [dune?]
- Langbein, W.B. and Leopold, L.B. 1968. *River channel bars and dunes - theory of kinematic waves*, United States Geological Survey, Professional Paper, **122-L**, 20 pp. [dunelog]
- Langford, R.P. 1988. *Modern and ancient fluvial-aeolian interactions*, unpublished Ph.D. dissertation, **, Salt Lake City, 359 pp. [dune dnbed]
- Langford, R.P. 1989. Modern and ancient fluvial-aeolian interaction. Part 1. Modern Systems, *Sedimentology*, **36** (6), 1023-1036. [dune dnbed]
- Langford, R.P. and Chan, M.A. 1988. Flood surfaces and deflation surfaces within the Cutler Formation and Cedar mesa Sandstone (Permian), southeast Utah, *Bulletin of the Geological Society of America*, **100** (10), 1541-1549. [dnbed]
- Langford, R.P. and Chan, M.A. 1989. Modern and ancient Fluvial-aeolian interaction, Part 2. Ancient Systems, *Sedimentology*, **36** (6), 1037-1052. [dnbed]
- Langford-Smith, T. and Thom, B.G. 1969. Coastal morphology of New South Wales, *Journal of the Geological Society of Australia*, **16**, 572-580. [codn]
- Langhorne, D.N. 1973. A sandwave field in the outer Thames estuary, *Marine Geology*, **14**, 129-143. [dunelog]
- Langhorne, D.N. 1982. A study of the dynamics of a marine sandwave, *Sedimentology*, **29** (4), 571-594. [dunelog]

Lanzhou Institute of Desert Research, Department of Desert Research 1982. Stabilizing sand dunes with vegetation, in *Combating desertification in China*, Ed. Walls, J., United Nations Environment Programme, Nairobi, 36-42. [dnuse]

Lapayre, L. 1935. Les vents de sable à la Côte française des Somalies, *A. Phys. du Globe de la France d'Outre Mer*, **2**, 158-159. [sdmo]

Larsen, F.D. 1969. Eolian sand transport on Plum Island, Massachusetts, in *Coastal environments of northeastern Massachusetts and New Hampshire: field trip guidebook*, Ed. Hayes, M.O., Coastal Research Group, Department of Geology, University of Massachusetts, Amhurst, MA, 356-367. [sdmo]

Larsen, G. 1977. *Vegetation and sand dunes on Lista* (in Norwegian), unpublished Ph.D. dissertation, Bergen, 189 pp. [dnveg codn]

Laskowski, K. 1972. Connection of fluvial and aeolian processes, in *Guide book of the excursion, September 24-26, 1972, Subcommission, Shorelines of northwestern Europe*, International Quaternary Research Association (INQUA), Ed. Galon, R., Torun, 49-54. [codn dune]

Laskowski, K. 1981. On the influence of dunes and eolian processes on development of lowland river valleys in the latest Pleistocene and Holocene, (in Polish), *Kwartalnik Geologiczny*, **25** (2), 399-412. [stbdn]

Lassiere, G. 1946. La côte landaise, problème de géomorphologie littorale, *Information géographique*, **10**, 99-103. [codn]

Latta, B.F. 1950. Geology and groundwater resources of Barton and Stafford Counties, Kansas, *Bulletin*, **88**, University of Kansas, State Geological Survey, 228 pp. [stbdn dnhyd]

Lauer, W. and Frankenberg, P. 1980. Modelling of climate and plant cover in the Sahara for 5 500 BP and 18 000 BP, *Palaeoecology of Africa*, **12**, 307-314. [dune]

Laumans, P. 1980. *The Springerduinen and the Westduinen on Goree. Developmental history and vegetation* (in Dutch), Doktorat Verslage, Landbouwhogeschool, Wageningen, 144 pp. [codn dnveg]

Laurent, C.A., 1959. *Mémoire sur le Sahara oriental*, **, Paris, ** [dnuse round oases]

Laurie, S., 1988. Water relations and solute content of some perennial plants in the Wahiba Sands, in *Scientific results of the Royal Geographical Society's Oman Wahiba Sands project 1985-1987*, Ed. Dutton, R., *Journal of Oman Studies, Special Report*, **3**, 271-276. [dnveg]

Lauspach, W. and Svihls, C. 1972. *Vegetation mapping of the Oerduinen and Hon on Ameland* (in Dutch), Doktorat Verslage, Nijmegen, ** pp. [codn dnveg]

Laval, **, 1847. Mémoire sur les dunes du Golfe de Gascogne, *Annales des Ponts et Chaussées*, **14**, 229-**. [codn dnuse]

Lavauden, L. 1928. Le reboisement et la fixation des dunes de Bizerte, *Revue des Eaux et Forêts*, juin, 351-361. [codn dnuse]

Lavrentiades, G.J. 1964. The ammophilous vegetation of the western Peloponnesos coast, *Vegetatio*, **12** (3-4), 223-287. [codn dnveg]

Lavrentiades, G.J. 1975. On the vegetation of sand dunes of Greek coasts, in *Colloques phytosociologiques, I, La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 91-97. [dnveg codn]

Lavrov, A.P. 1982. Turkmenistan sands area, *Problems of Desert Development*, (5), 49-50. [dune abstract in Busche *et al.* 1984

Lawrence, C.R. 1966. Cainozoic stratigraphy and structure of the Mallee region, *Proceedings of the Royal Society of Victoria*, **79**, 517-553. [stbdn

Lawrence, C.R. 1980. Aeolian landforms of the Lowan Sand and Woorinen Formation in north-western Victoria, in *Aeolian landscapes in the semi-arid zone of south eastern Australia*, Eds. Storrier, R.R. and Stannard, M.E., Australian Society of Soil Science, Inc., Riverina Branch, 57-64. [stbdn

Laycock, J.W. 1978. North Stradbroke Island, in *Handbook of recent geological studies of Moreton Bay, Brisbane River and North Stradbroke Island*, Eds. Orme, G.R. and Day, R.W., *Paper*, **8**, Department of Geology, University of Queensland, 89-96. [codn

Layer, C.G. 1936. Reclamation of drift sands, *Farming in South Africa*, **11** (119), 53-57. [dnuse

Lea, P.D. 1989. *Quaternary environments and depositional systems of the Nushagak lowland, southwestern Alaska*, unpublished Ph.D. dissertation, ** Boulder, CO, 355 pp. [dune

Leach, J. 1979. Dune forms and patterns of wind circulation in the North Polar region of Mars (abstract), *2nd International Colloquium on Mars, Conference Report*, **CP-2072**, National Aeronautics and Space Administration (NASA), Washington, DC, 52 pp.

Leach, S.J. 1985. The problem of setting grazing levels on dune-heath. Earlshall Muir, Fire, in *Focus on Nature Conservation*, **13**, Ed. Doody, P., Nature Conservancy Council, Peterborough, 135-144. [dnecol dnuse

Leach, S.J. and Kinnear, P.K. 1985. Scrub and woodland management, Tentsmuir Point NNR, Fife, in *Focus on Nature Conservation*, **13**, Ed. Doody, P., Nature Conservancy Council, Peterborough, 239-242. [codn dnuse dnveg

Leatherman, S.P. 1976. Barrier island dynamics: overwash processes and eolian transport, *Proceedings of the 15th Coastal Engineering Conference*, Honolulu, American Society of Civil Engineers, New York, 1958-1974. [codn sdmo

Leatherman, S.P. 1978. A new aeolian sand trap design, *Sedimentology*, **25** (2), 303-306. [sdmo abstract in Busche *et al.*, 1984

Leatherman, S.P. 1979a. Barrier dune systems: a reassessment, *Sedimentary Geology*, **24** (1), 1-16. [codn

Leatherman, S.P., Ed. 1979b. *Barrier islands from the Gulf of St. Lawrence to the Gulf of Mexico*, Academic Press, New York, 325 pp. [codn 53 DRW/Coa ull

Leatherman, S.P. 1979c. *Barrier island handbook*, National Park Service, Co-operative Research Unit, University of Massachusetts, Amherst, MA, 101 pp. [codn

Leatherman, S.P. 1979d. Beach and dune interactions during storm conditions, *Quarterly Journal of Engineering Geology*, **12**, 281-290. [codn

Leatherman, S.P. 1979e. Interaction between overwash and eolian processes on migrating barrier islands, *Bulletin of the American Association of Petroleum Geologists*, **63** (3), 486-487. [codn

Leatherman, S.P. 1980. Pedestrian impacts: Assateague Island, in *Barrier island forum and workshop*, Eds. Mayor, B.S. and Smith, L.B.Jr., United States National Park Service, North Atlantic Region, Boston, ** [codn dnuse

Leatherman, S.P. 1983. Barrier dynamics and landward migration with Holocene sea-level rise, *Nature*, **301** (5899), 415-418. [codn

- Leatherman, S.P. 1984. Coastal geomorphic responses to sea-level rise, Galveston Bay, Texas, in *Greenhouse effect and sea-level rise*, Eds. Barth, M.C. and Titus, J.G., Van Nostrand-Reinhold, New York, 151-178. [codn geog e 61 bar
- Leatherman, S.P. 1985. Geomorphic and stratigraphic analysis of Fire Island, New York, in *Barrier islands*, Eds. Oertel, G.F. and Leatherman, S.P., *Marine Geology*, **63** (1-4), 173-195. [codn
- Leatherman, S.P. and Godfrey, P.J. 1979. *The impact of off-road vehicles on coastal ecosystems in Cape Cod National Seashore: an overview, Co-operative Research Unit Report*, **34**, University of Massachusetts / National Park Service, Amherst, MA., ** [codn dnuse
- Leatherman, S.P. and Zaremba, R.E. 1987. Overwash and eolian processes on a U.S. northeast coast barrier, *Sedimentary Geology*, **52** (3-4), 183-206. [codn sdmo
- Lebedev, V.M. 1978. Relief of the sandy area in Udmurtiya, (in Russian), *Vsesoyuznoye Geograficheskoe Obschches'tvo Ivestiya*, **110** (4), 356-358. [dune
- Le Carpentier, C. 1973. Géomorphologie et eaux souterraines: présentation de la carte géomorphologique de la Pampa del Tamargal, désert nord Chiléen, *Institut français pour l'Etudes andines*, **2** (2), 29-57. [dune dnhyd
- Lee, B.K. and Jacobson, H.E. 1977. *Stochastic analysis of particle movement over a dune bed*, *United States Geological Survey, Professional Paper*, **1040-P**, 72 pp. [sdmo
- Lee, I.A. and Ignaciuk, R. 1985. The physiological ecology of strandline plants, *Vegetatio*, **62** (1-3), 319-326. [dnveg codn
- Lee, J.A. 1984. *Sand transport on a barchan dune*, unpublished M.A. dissertation, University of California, Los Angeles, CA, ** [sdmo
- Lee, J.A. 1987. A field experiment on the role of small scale wind gustiness in aeolian sand transport, *Earth Surface Processes and Landforms*, **12** (3), 331-335. [sdmo
- Lee, J.A. and Greeley, R. 1987a. Determination of surface shear stress with the naphthalene sublimation technique, *Reports of the Planetary Geology and Geophysics Program-1986, Technical Memorandum*, **89810**, National Aeronautics and Space Administration (NASA), 285-287. [sdmo
- Lee, J.A. and Greeley R. 1987b. Reynolds Number effects on surface shear stress patterns around isolated hemispheres, *Reports of the Planetary Geology and Geophysics Program-1986, Technical Memorandum*, **89810**, National Aeronautics and Space Administration (NASA), 282-284. [sdmo
- Lee, S.W. 1984a. Mars: wind streak production as related to obstacle type and size, *Icarus*, **58** (3), 339-357. [dune
- Lee, S.W. 1984b. *Eolian sediment transport on Mars: seasonal and topographic effects*, unpublished Ph.D. dissertation, **, Ithaca, NY, 251 pp. [sdmo dune
- Lee, S.W., Thomas, P.C. and Veverka, J. 1982. Wind streaks in Tharsis and Elysium: implications for sediment transport by slope winds, *Journal of Geophysical Research*, **87** (B12), 10025-1141. [dune sdmo
- Leeder, M.R. 1977. Folk's bedform theory, *Sedimentology*, **24** (6), 863-864. [dune reply by Folk 864-874.
- Leeder, M.R. 1983a. On the dynamics of sediment suspension by residual Reynolds stresses - confirmation of Bagnold's theory, *Sedimentology*, **30** (4), 485-491. [sdmo
- Leeder, M.R. 1983b. On the interactions between turbulent flow, sediment transport and bedform mechanics in channelized flow, in *Modern and ancient fluvial systems*, Eds. Collinson, J.D. and Lewin, J.

Special Publication, **6**, International Association of Sedimentologists, Blackwell, Oxford, 5-18. [dunelog geog e 24 col

Leentvaar, P. 1957. Hydrobiological observations in dune lakes on Terschelling (in Dutch), *Levende Natuur*, **60**, 32-39. [codn

Leentvaar, P. 1963. Dune waters in the Netherlands. I. Quakjeswater, Breede Water and Vogelmeer, *Acta Botanica Neerlandica*, **12**, 489-520. [codn

Leentvaar, P. 1967. Dune lakes. II. Zwanenwater, Muy, Oerd and Van Huneplak, *Biologische Jahrbuch*, *Dodonaea*, **35**, 228-267. [codn

Lees, B.G. 1989. Lake segmentation and lunette initiation, *Zeitschrift für Geomorphologie*, NF **33** (4), 475-484. [stbdn

Lees, D.J. 1982a. The evolution of Gower coasts, in *Geographical excursions from Swansea. 1. Physical environment*, Ed. Humphrys, G., Department of Geography, University College, Swansea, 15-31. [codn

Lees, D.J. 1982b. The sand dunes of Gower as potential indicators of climatic change in historical time, *Cambria*, **9**, 25-35. [codn

Lees, G. 1969. Influence of boundary effects on the packing and porosity of granular materials, *Quarterly Journal of Engineering Geology*, **2**, 129-147. [sand

Lefèvre, M.-A. 1931. *Morphologie éolienne littorale entre Nieuport et la frontière française*, *Bulletin de la Société belge d'Etudes géographiques*, **1**, 36 pp. [codn

Lefler, E. and Kott, Y. 1973. Enteric virus behaviour in sand dunes, *Proceedings of the 4th Science Conference, Israeli Ecological Society*, **A**, 71-92. [dnuse

Le Feuvre, A.R. and Carstens, M.R. 1970. Sediment pickup function, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **96** (HY 10), 2051-2063. [sdmo

Lefort, F. 1831. Notice sur les travaux de fixation des dunes, *Annales des Ponts et Chaussées*, **1**, 320-332. [quoted in GP Marsh, *Man and nature*, p 398 codn dnuse

Le Fournier, R. and Yapandjin, L. 1967. Un modelé de sédimentation paralique - les dépôts récents du littoral de la Manche en Picardie, *7th International Sedimentary Congress*, Reading, preprint [codn ?

Legigan, P. 1979. *L'élaboration de la formation du sable des Landes, dépôt résiduel de l'environnement sédimentaire pliocène-pliéstocène centre-aquitain*, *Mémoire*, **9**, Institut géologique du Bassin d'Aquitaine, Talence, 429 pp. [codn stbdn

Le Grand, Y. 1938. Quelques particularités des rides de sable, *Société océanographique française*, **18**, 1721-1726. [ripples ?

Lehmann, P.F.W. 1906. Wanderungen und Studien in Deutschlands grösstebinnenländischem Dünengebiet, *Jahrbuch der geographischen Gesellschaft, Greifswald*, **10**, Sonderabdruck, 30 pp. [dune codn or f.w.p. ?? or 351-380 ?

Lehmann, P.F.W. 1918. Dünenmetamorphosen an der Ostseeküste. Ein Binnendünenproblem. Anmerkungen zur Dünenmorphologie, *Petermanns geographische Mitteilungen*, **64**, 26-27; 124-126, 197. [codn stbdn

Lehmann, P.F.W. 1919. "Dünenbeobachtungen im Altertum" und Bemerkungen zu moderner Kymatologie und Triebssanderklärung, *Petermanns geographische Mitteilungen*, **65**, 103-104. [codn stbdn

Lehotsky, K. 1941. Sand dune fixation in Michigan, *Journal of Forestry*, **39** (12), 998-1004. [dnuse codn

Lehotsky, K. 1972. Sand dune fixation in Michigan - thirty years later, *Journal of Forestry*, **70** (3), 155-160. [dnuse codn]

Leinen, M. and Heath, G.R. 1981. Sedimentary indicators of atmospheric circulation in the northern hemisphere during the Cainozoic, *Palaeogeography, Palaeoclimatology, Palaeoecology*, **36** (1), 1-21. [sand]

Leiviskä, I. 1905a. *Über die Küstenbildung des baltischen Meerbusens zwischen Tornio und Kokkola, Fennia*, **23** (1), 229 pp. [Iivari codn dnveg]

Leiviskä, I. 1905b. Über die Entstehung der Dünegebiete an der Küst des baltischen Meerbusens, *Fennia*, **23** (2), 20 pp. [Iivari codn dnveg]

Le Lubre, M. 1950. Une reconnaissance aerienn sur l'Edeyen Mourzouk (Fezzan), *Travaux de l'Institut de Recherches sahariennes*, **5**, 219-221. [dune]

LeMang, R. 1899. Die Dünen der Gascogne, *Deutsches geographische Blatter*, **22**, 235-256. [stbdn codn]

LeMang, R. 1901. Die Dünen der französischen Nordküste, *Deutsches geographische Blatter*, **24**, 15-25. [codn]

Lemberg, B. 1933. Über die Vegetation der Flugsandgebiete an der Küsten Finnlands. I. Die Sukzession, *Acta Botanica Fennica*, **12**, 1-143. [dnveg]

Lemberg, B. 1934. Über die Vegetation der Flugsandgebiete an der Küsten Finnlands. II. Die Randdünen, *Acta Botanica Fennica*, **13**, 1-29. [dnveg]

Lemberg, B. 1935. Über die Vegetation der Flugsandgebiete an der Küsten Finnlands. III. Die einzelnen Flugsandgebiete, *Acta Botanica Fennica*, **13**, 1-75. [dnveg]

Lemoine, P. 1917. Les ripple-marks, *La Nature*, **, 204-206.

Lencewicz, S. 1922. Les dunes continentales de la Pologne, in *Wydmny srodladowe Polski, Przegląd Geograficzny*, **2**, Warsaw, 12-59. [dune stbdn or **11** ??]

Lendvai-Dirksen, E. 1941. *Wanderdünen. Bild einer Urlandschaft*, Gau, Bayreuth, 72 pp. [dune dnuse ? codn ?]

Leone, G. 1953. Origin and reclamation of dunes in Tripolitania, *Desert Research, Proceedings of the International Symposium*, May 7-14. 1952, *Special Publication*, **2**, Research Council of Israel, 123-126. [dnuse or 401-403 ??]

Leontiev, A.A. 1962. *Sandy deserts in Soviet central Asia and their reclamation and afforestation*, Gosizdat Uzbekistanskoe SSR, Tashkent, 157 pp. [dnuse or 1967 ?? 84 pp. ??]

Leontiev, A.A. 1980. The narrow-strip method of fixing sands (in Russian), *Lesnoe Khozyaistvo*, **8**, 32-33. [dnuse abstract in Busche *et al.* 1984]

Leontiev, A.A., *et al.* 1973. *The agrotechnical conditions for reclamation of sandy areas in Uzbekistan*, ** Tashkent, 54 pp. [dnuse]

Leontiev, A.A. Sabirov, M.K. and Kim, V.I. 1975. A new method for fixation and afforestation of technogenic sands (in Russian), *Lesnoe Khozyaistvo*, **10**, 57-58. [dnuse]

Leontiev, A.A. and Sabirov, M.K. 1971. Fixation and afforestation of the sands along the track of the Bukhara-Amu Dar'ya gas pipeline and the Amy Dar'ya - Bukhara canal (in Russian), in *Desert natural conditions and shifting sands*, Ylym, Ashkhabad, 157-169. [dnuse]

- Leontiev, A.A. Sabirov, M.K. and Kim, V.I. 1975. A new method for fixation and afforestation of technogenic sands (in Russian), *Lesnoe Khozjajstvo*, **10**, 57-58. [dnuse]
- Leontiev, O.K. and Foteyeva, N.I. 1965. Proiskozhdeniye i vozrast Berovskikh bugrov, *Akademii Nauk, SSSR, Izvestiya, Seriya Geograficheskaya*, **2**, 9-98. [dune? or leontev ?]
- Leprun, J.C. 1971. Nouvelles observations sur les formations dunaires sableuses fixées du Ferlo nord occidental (Sénégal), *Bulletin de l'Association sénégalaise pour l'Etude du Quaternaire ouest africain*, **31-32**, 69-78. [stbdn]
- Le Ribault, L. 1971. Présence d'une pellicule de silice amorphe à la surface de cristaux de quartz des formations sableuses, *Comptes rendus de l'Académie des Sciences, Paris*, **272**, 1933-1936. [sand or 1979 ??]
- Le Ribault, L. 1974. L'exoscopie, méthode de détermination de l'histoire géologique des quartz détritiques, *Revue de Géographie physique et Géologie dynamique*, **16** (1), 119-130. [sand]
- Le Ribault, L. 1975. L'exoscopie: méthodes et applications, *Notes et Mémoires*, **12**, Total, Compagnie française des Pétroles, Paris, ** [sand]
- Le Ribault, L. 1977. *L'exoscopie des quartz*, Masson, Paris, 150 pp. [sand]
- Le Ribault, L. 1978. The exoscopy of quartz sand grains, in *Scanning electron microscopy in the study of sediments*, Ed. Whalley, W.B., Geobooks, Norwich, 319-327.
- Le Roux, G.J. 1970. *The microbiology of sand-dune ecosystems in the Namib Desert*, unpublished M.Sc. dissertation, University of Stellenbosch, ** [dnecol dnveg]
- Le Roux, J.S. 1989-90. Linear dune trends and wind directions in the northern Cape Province, South Africa, *South African Geographical Journal*, **17** (1), 35-42. [Jnl and vol no ??]
- Le Roux, P.J. 1974. Drift sand reclamation of Walvis Bay, South West Africa, *International Journal of Biometeorology*, **18**, 121-127. [dnuse]
- Leser, H. 1971a. Die Namib, in *Die Sahara und ihre Rangebiete. 3. Regionalgeographie*, Ed. Schifffers, H., Institut für Wirtschaftsforschung München Afrika-Studien, **62**, 47-51. [dune or **60** ??]
- Leser, H. 1971b. *Landschaftsökologische Studien in Kalahari; Sandargebiet um Auot und Nossot*, Steiner, Wiesbaden, ** [dune ? dnveg]
- Leser, H. 1972. Berichte über eine Forschinzgreise in Randlandschafir der Kalahari, Südwest und Süd Afrika, *Die Erde*, **103** (2), 162-178. [dune]
- Lettau, K. and Lettau, H. 1969. Bulk transport of sand by the barchans of La Pampa La Hoja in southern Peru, *Zeitschrift für Geomorphologie*, NF **13** (2), 182-195. [dune abstract in Busche *et al.*, 1984]
- Lettau, K. and Lettau, H.H. 1978. Experimental and micrometeorological studies of dune migration, in *Exploring the world's driest climate*, Eds. Lettau, H.H. and Lettau, K., *Institute of Environmental Science Report* **101**, Center for Climatic Research, University of Wisconsin, Madison, 110-147.
- Levadnyuk, A.T. and Cherednichenko, V.P. 1967. On the protection of main gas pipelines from wind blowing, *Problems of Desert Development*, (1), 56-60. [dnuse sdmo]
- Levadnyuk, A.T. and Cherednichenko, V.P. 1969. The composition of aeolian sands in the gas pipeline zone, mid-central Asia, (in Russian), *Problems in Desert Development*, (1), 3-11.

Levadnyuk, A.T. and Senkevich, B.N. 1968. Protection from blowing sand at the dam of the third section of the Karakum Canal, *Problems of Desert Development*, (3), 79-84. [sdmo dnuse

Levsen, P. 1961. Die Bergrünung der Dünen. Ein Erfolgsbericht, *Angewandte Pflanzensoziologie*, **17**, 10-13. [dune ? dnveg ?

Lever, C.G. 1949. Reclamation of drift sands in South Africa, *Indian Forester*, **, December, 523-533. [dnuse

Lewinski, J. 1934. Terrasses et dunes de la vallée de la Vistula près de Varsovie, *International Geographical Congress, Warsaw, Excursion C₂*, 10 pp. [stbdn

Lewis, A.B. 1984. The sedimentology of Mars: a review, *Vistas Astron.*, **27**, 25-53. [dune ?

Lewis, A.D. 1936a. Sand dunes of the Kalahari within the borders of the Union, *South African Geographical Journal*, **19** (1), 22-32.

Lewis, A.D. 1936b. Roaring sands of the Kalahari Desert, *South African Geographical Journal*, **19** (1), 33-39.

Lewis, A.D. 1936c. Fulgarites from Witsands on the southeastern border of the Kalahari, *South African Geographical Journal*, **19** (1), 50-57. [sand

Lewis, D.W. and Titheridge, D.G. 1978. Small scale sedimentary structures resulting from foot impressions on dune sands, *Journal of Sedimentary Petrology*, **48** (3), 835-838. [dnbed abstract in Busche *et al.*, 1984

Li Hsiao-fang 1962. A survey of the desert in Hedog, Nigxia (in Chinese), in *Research on sand control*, Sand Control Group of the Academia Sinica, 391-421. Translated by the National Technical Information Service (NTIS). Joint Publication Research Service, Washington DC, ** [dnuse

Li Hsiao-fang 1965. The genesis and development of stabilised sand-dune soils in central eastern part of the Moyusu Desert of the Ordos Plateau (in Chinese, English summary), *Acta Pedologica Sinica*, **13** (1), 66-76. [abstract in Busche *et al.* 1984 dnsol stbdn

Li, H.F. 1979. The problem of desertification in China's semi-arid region – Ordos, in *Arid plant resources*, Goodin J.R. and Northington, D.R., Texas Tech University, Lubbock, 678-683. [abstract in Busche *et al.* 1984

Li Huhou 1983. A primary study on dating of dunes by using the characteristics of thermoluminescence in quartz, *Zhong Guo Sha Mo (Journal of Desert Research)*, **3**, 18-24.

Li, R.A. and Khudaiyarova, B. 1987. Particle size distribution of eolian sands of the eastern part of the low-lying Karakum, *Problems of Desert Development*, (4), 79-81.

Li, Z. and Komar, P.D. 1986. Laboratory measurements of pivoting angles for application to selective entrainment of gravel in cement, *Sedimentology*, **33** (3), 413-423. [sdmo

Liddle, M.J. 1973. *The effects of trampling and vehicles on natural vegetation*, unpublished Ph.D. dissertation, University of Wales, Bangor, ** [dnuse dnveg codn

Liddle, M.J. and Greig-Smith, P. 1975a. A survey of tracks and paths in a sand-dune ecosystem, I. Soils, *Journal of Applied Ecology*, **12**, 893-908. [dnuse dnveg

Liddle, M.J. and Greig-Smith, P. 1975b. A survey of tracks and paths in a sand-dune ecosystem, II. Vegetation, *Journal of Applied Ecology*, **12**, 909-930. [dnuse dnveg

Liefhebber, P. and Berg, L.T. 1976. *Huisduinen and the old land* (in Dutch), ** Den Helder, 88 pp. [codn

Lierau, A. 1892. Der Dünendurchbruch von Neufähr im Jahre 1840 und die Entwicklung der neuen Weichselmündung der Neufähr von 1840 bis 1890, *Zeitschrift für Bauwesen*, **42**, 29-40. [dune codn ?]

Lin Yuquan, Jin Jun, Zou Benggong, Cong Zili, Wen Xiang, Tu Xiong, Ye Jinrong, Zhang Boashan and Wang Hanwu 1984. Effect of fence techniques in levelling sand accumulation around sandbreaks: case study in Shapotou District (in Chinese, English summary), *Zhong Guo Sha Mo (Journal of Desert Research)*, **4**, 16-25. [dnuse]

Lindé, K. 1987. Experimental aeolian abrasion of different sand-sized minerals: some preliminary results, in *Clastic particles*, Ed. Marshall, J.R., Van Nostrand Reinhold, New York, 242-247.

Lindé, K. and Myceilska-Dowga_Io, E. 1980. Some experimentally-produced microtextures on grain surfaces of quartz sand, *Geografiska Annaler*, **A 62** (3-4), 171-184.

Lindner, F. 1898. *Die preußische Wüste einst und jetzt. Bilder von Kurischen Nehrung*, **, Osterwieck, 72 pp. [dune codn ?]

Lindquist, S.J. 1988. Practical characterisation of eolian reservoirs for development: Nugget Sandstone, Utah-Wyoming Thrust Belt, *Sedimentary Geology*, **56** (1-4), 315-339. [dnbed]

Lindroos, P. 1972. *On the development of Late-Glacial and Post-Glacial dunes in North Karelia, eastern Finland*, *Bulletin of the Geological Survey of Finland*, **254**, 85 pp. [stbdn abstract in Niessen, et al. 1984]

Lindsay, J.F. 1973. Reversing barchan dunes in Lower Victoria Valley, Antarctica, *Bulletin of Geological Society of America*, **84** (5), 1799-1806. [abstract in Niessen, et al. 1984]

Lindsay, J.F., Criswell, D.R., Criswell, T.R. and Criswell, B.S. 1976. Sound-producing dune and beach sands, *Bulletin of the Geological Society of America*, **87** (3), 463-473.

Linke, M. 1968. Ein Weiterer Beiträge zur Frage der Altersstellung der Binnendünen, *Hercynia*, **84**, 1799-1806. [dune stbdn or **5** (4), ??]

Linke, O. 1952a. Bericht über die Riff- und Sandwanderungsuntersuchungen am Nordstrand von Norderney, *Jahrsberichte der Forschungsstelle, Norderney*, **4**, 39-46. [codn ?]

Linke, O. 1952b. Die biologischen Grundlagen des Dünenschutzes auf den ostfriesischen Inseln, *Wasserwirtschaft*, **42**, 350-353. [codn dnuse dnveg abstract in Busche et al., 1984]

Linke, O. 1960. Die Kriechweide *Salix repens*, als Dünenbildener an unsere Nordsee-Inseln, *Natur und Volk Wasserwirtschaft*, **42, 90**, 407-416. [codn dnveg]

Linsey, T.K. 1988. *The entrainment of fine-grained sediment by wind*, unpublished Ph.D. dissertation, University of London, 277 pp. [sdmo]

Lisiewska, M. 1983. Macromycetes in plant communities on coastal dunes and in pine forests in the Słowinski National Park (northern Poland) (in Polish), *Badania Fizygeograficzne nad Polska Zachodnia*, **B 35**, 23-47. [dnveg]

Little, I.P. 1986a. Numerical analysis of soil development in a chronosequence on Fraser Island, south-eastern Queensland, *Australian Journal of Soil Research*, **24** (3), 321-330. [dnsol]

Little, I.P. 1986b. Mobile iron, aluminium and carbon in sandy coastal podzols of Fraser Island, Australia: a quantitative analysis, *Journal of Soil Science*, **37** (3), 439-454. [codn dnsol]

Little, I.P., Armitage, T.M. and Gilkes, R.J. 1978. Weathering of quartz in dune sands under subtropical conditions in eastern Australia, *Geoderma*, **20**, 225-237. [dnsol]

- Littmann, T. and Schmidt, K.-H. 1989. The response of different relief units to climatic change in arid environments (southern Morocco), *Catena*, **16** (4-5), 343-355. [dune dnuse]
- Liu, E.L. 1952. The Ho-Si (Hexi) Corridor, *Economic Geography*, **28** (1), 51-56. [dnuse v brief abstract in Busche *et al.*, 1984]
- Liu, H.K. 1957. Mechanics of sediment-ripple formation, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **, **83**, 1-23.
- Liu Shu 1986. Basic ways of securing mobile dunes in China, *Problems of Desert Development*, (3), 78-81. [dnuse]
- Liu Tung-sheng, Ding, Z., Chen, M. and An, Z. 1989. The global surface energy system and the geological role of wind stress, *Quaternary International*, **2** (1), 43-54. [dune]
- Liu Xianwang, Liu Yuquan, He Daliang and Chen Fusheng 1983. Study on the experiment of the under-leading fence in wind tunnel, *Zhong Guo Sha Mo (Journal of Desert Research)*, **3**, 25-34. [dnuse]
- Livingstone, I. 1982. Dynamics of Namib linear sand dunes, *Namib Bulletin*, **4**, 10-11.
- Livingstone, I. 1985. *The dynamics of sand transport on a Namib linear dune*, unpublished D.Phil. dissertation, University of Oxford, ** [or 1986 ??]
- Livingstone, I. 1986. Geomorphological significance of wind flow patterns over a Namib linear dune, in *Aeolian geomorphology*, Ed. Nickling, W.G., *Proceedings of the 17th International Binghampton Symposium in Geomorphology*, Allen and Unwin, Boston, 97-112. [sdmo]
- Livingstone, I. 1987a. Using the response diagram to recognise zones of aeolian activity: a note on evidence from a Namib dune, *Journal of Arid Environments*, **13** (1), 25-30. [sand dune]
- Livingstone, I. 1987b. Grain-size variation on a 'complex' linear dune in the Namib Desert, in *Desert sediments, ancient and modern*, Eds. Frostick, L.E. and Reid, I., *Special Publication*, **35**, Geological Society of London, Blackwell, Oxford, 281-292. [geol e 58 fro]
- Livingstone, I. 1987c. Photographic evidence of seasonal change in a secondary form on a "complex" linear dune, *Madoqua*, **15** (3), 237-241.
- Livingstone, I. 1988. New models for the formation of linear sand dunes, *Geography*, **73** (319), 105-115.
- Livingstone, I. 1989a. Monitoring surface change on a Namib linear dune, *Earth Surface Processes and Landforms*, **14** (4), 317-332.
- Livingstone, I. 1989b. Applying Besler's response diagram: a comment, *Zeitschrift für Geomorphologie*, NF **33** (4), 499-502. [sand]
- Livingstone, I. 1989c. Temporal trends in grain-size measures on a linear sand dune, *Sedimentology*, **36** (6), 1017-1022.
- Lloyd, R.J. 1989. Anoosa beach restoration scheme, in *Coastal Engineering, Proceedings of the 17th Coastal Engineering Conference*, 1619-1648. [codn dnuse]
- Loftus, W.K. 1857. *Travels and researches in Chaldaea and Susiana*, ** New York, ** [quoted by Marsh: *Man and nature*, p. 431 on dunes advancing on Baghdad]
- Logan, R.F. 1960. *The central Namib Desert, South West Africa, Publication*, **758**, National Research Council, National Academy of Sciences, Washington, DC, 162 pp. [dune]

Logan, R.F. 1966. Seif dunes in the Namib Desert (analysis of Gemini photos), *Earth resources surveys from spacecraft*, National Aeronautics and Space Administration (NASA), Washington, DC, E-25 - E-28.

Logie, M. 1981. Wind-tunnel experiments on sand dunes, *Earth Surface Processes*, **6** (3-4), 365-374. [sdmo ripples abstract in Busche *et al.*, 1984

Logie, M. 1982. Influence of roughness elements and soil moisture on the resistance of sand to wind erosion, in *Aridic soils and geomorphic processes*, Ed. Yaalon, D.H., *Catena Supplement*, **1**, 161-173. [sdmo abstract in Busche *et al.*, 1984

Lohmeyer, W. 1961. Die pflanzensoziologischen Grundlagen für die Dünenbefestigung, *Angewandte Pflanzensoziologie*, **17**, 7-9. [dune dnveg

Loizides, P. 1975. Sandy soils of the Kingdom of Saudi Arabia, *Soils Bulletin*, **25**, Food and Agriculture Organization of the United Nations (FAO), Rome, 225-228. [dnsol in roth dnuse

Lomas, J. 1907. Desert conditions and the origin of the British Trias, *Proceedings of the Liverpool Geological Society*, **10**, 172-** [dnbed

Lomborunczen, R., Morawski, J. and Pekala, K. 1976. Characterization of the eolian sands from the Lakes Valley and from the southern slopes of Khangai, Mongolia, (in Polish), *Annales Universitatis Mariae Curie Skłodowska*, Section B, **30-31**, 13-35. [dune

Londo, G. 1966. Changes in the flora and vegetation of the infiltration area of Lek water in the dunes near Zandvoort. The present flora of the infiltration area near Zandvoort in comparison with other wet dune valleys today and in the past (in Dutch), *Levende Natuur*, **69**, 121-128. [codn dnveg

Londo, G. 1971. *Patroon en proces in duinvalleivegetaties langs een gegraven meer in de Kennemerduinen*, Verhandel Rijksinstituut Natuurbeheer, **2**, Leersum, 279 pp. [dnveg codn pattern and process in dune slack vegetation in the Kennemer dunes (the Netherlands)

Londo, G. 1974. Successive mapping of dune slack vegetation, *Vegetatio*, **29**, 51-61. [dnveg

Long, J.T. and Sharp, R.P. 1964. Barchan-dune movement in the Imperial Valley, California, *Bulletin of the Geological Society of America*, **75** (2), 149-156. [abstract in Busche *et al.*, 1984

Longuet-Higgins, M.S. 1981. Oscillating flow over steep sand ripples, *Journal of Fluid Mechanics*, **107** (1), 1-35. [dunelog

Lonsdale, P. and Malfait, B. 1974. Abyssal dunes of foraminiferal sand on the Carnegie Ridge, *Bulletin of the Geological Society of America*, **85** (11), 1697-1712. [dunelog

Lonsdale, P. and Spiess, F.N. 1977. Abyssal bedforms explored with a deeply towed instrument package, *Marine Geology*, **23** (1), 57-75. [dunelog

Loope, D.B. 1981. *Deposition, deflation and diagenesis of Upper Palaeozoic eolian sediments, Canyonlands National Park, Utah*, unpublished Ph.D. dissertation, University of Wyoming, Laramie, 170 pp. [dnbed

Loope, D.B. 1984a. Eolian origin of Upper Palaeozoic sandstones, southeastern Utah, *Journal of Sedimentary Petrology*, **54** (2), 563-580. [dnbed

Loope, D.B. 1984b. Origin of extensive bedding planes in aeolian sandstones: a defence of Stokes' hypothesis - discussion, *Sedimentology*, **31** (1), 123-125. [dnbed

Loope, D.B. 1985. Episodic deposition and preservation of eolian sands: a Late Palaeozoic example from southeastern Utah, *Geology*, **13** (1), 73-76. [dnbed

- Loope, D.B. 1988. Rhizoliths in ancient eolianites, *Sedimentary Geology*, **56** (1-4), 301-314. [dnbed dnsol]
- Loope, D.B. and Haverland, Z.E. 1988. Giant desiccation fissures filled with calcareous eolian sand, Hermosa Formation (Pennsylvanian), southeastern Utah, *Sedimentary Geology*, **56** (1-4), 403-413. [dnbed]
- Lorié, J. 1893. Binnendünen en bodenbewgingen, *Tidjschrift Koninklijk Nederlands Aardrijkskundig Genootschap*, **10** (2), 753-796. [stbdn dune inland dunes and ground movements]
- Lorié, J. 1910. Dune valleys and dune pans (In Dutch), *Tidjschrift Koninklijk Nederlands Aardrijkskundig Genootschap*, **2**, **27**, 31-34. [codn]
- Lorié, J. 1913a. A considerable dissertation on the composition of the dune water (In Dutch), *Tidjschrift Koninklijk Nederlands Aardrijkskundig Genootschap*, **2**, **30**, 1-7. [dnuse codn dnhyd]
- Lorié, J. 1913b. The underground of our dunes (In Dutch), *Tidjschrift Koninklijk Nederlands Aardrijkskundig Genootschap*, **2**, **30**, 311-317. [dnuse codn dnhyd]
- Lorié, J. 1913c. Artesian water below the dunes ? (In Dutch), *Tidjschrift Koninklijk Nederlands Aardrijkskundig Genootschap*, **2**, **30**, 709-718. [codn dnuse dnhyd]
- Lorient, E. 1974. *Vegetation and flora of the beaches and dunes of the Province of Santander* (in Spanish), Instituto Cultura de Cantabria, Santander, 286 pp. [codn dnveg]
- Lötschert, W. 1968. Krähenbeeheerden und Dünenbildung durch die Krähenbeere (*Empetrum nigrum* L.), *Natur und Museum*, **98**, 425-429. [dnveg]
- Loubser, J.K. 1959. The fight against shifting sands in the Kalahari sandveld, *Farming in South Africa*, **34** (2), 22-23. [dnuse]
- Loucks, O.L., Plumb-Mentjes, M.L. and Rogers, D. 1985. Gap processes and large-scale disturbances in sand prairies, in *The ecology of natural disturbance and patch dynamics*, Eds. Pickett, S.T.A. and White, P.S., Academic, Orlando, FA, 71-83. [dnveg]
- Louis, H. 1928/29. Die Forme der norddeutschen Bogendünen, *Zeitschrift für Geomorphologie*, **4**, 7-18. [dune codn]
- Lovegrove, B.G. and Siegfried, W.R. 1986. Distribution and formation of mima-like earth mounds in the western Cape Province of South Africa, *South African Journal of Science*, **82** (8), 432-436. [dune ? dnveg]
- Lovegrove, B.G. and Siegfried, W.R. 1989. Spacing and origin of earth mounds in the Cape Province of South Africa, *South African Journal of Science*, **85** (2), 108-112. [dune ? dnveg]
- Lovegrove, B.G. and Siegfried, W.R. 1989. Spacing and origin of mima-like earth mounds in the western Cape Province of South Africa, *South African Journal of Science*, **85** (2), 108-112. [dune ? dnveg]
- Lowdermilk, W.C. 1944. Les Landes, where over three quarters of a century France has transformed vast mobile sand dunes and waste marshland into a rich pine-producing area, *American Forests*, **50** (August), 380-382; 412-415. [dnuse]
- Lowe, D.R. 1976. Grain flow and grain-flow deposits, *Journal of Sedimentary Petrology*, **46** (1), 188-199. [dune dnbed]
- Lowman, P.D.Jr. 1971. *Terrestrial and lunar analogies of Martian topography, Report*, **X-644-71-360**, United States Goddard Space Flight Center, 45 pp. [dune]
- Lowniewski, K. 1965. The microclimate of the beach on the Polish coast, *Zeszyty Geograficzne*, WSP w Gda_sku, **7**, 129-181. [codn]

Lozinski, J. and St.Mikulski, J. 1949. Microclimatic observations on the dune Zadroze near Torun, *Studia Societatis Scientorum, Torunensis, Supplement (1)*, 11 pp. [dnhyd codn ?]

Lucas, C. and Ritchie, W. 1987. *Dune and machair erosion in the Sheigra-Oldshoremore area: a preliminary survey*, Nature Conservancy Council, Department of Geography, University of Aberdeen ** [codn dnuse]

Lucchi, F. and Della Casa G. 1968. Surface textures of desert quartz grains. A new attempt to explain the origin of desert frosting, *Giornale di Geologia*, **36**, 751-776. [sand]

Luck, G. 1966. Hydrologische Ursachen der Strand- und Dünenabbrüche im Westen Memmerts, *Jahrbuch der Forschungsinstitut, Norderney*, **18**, 37-41. [codn dnhyd]

Luck, G. 1970. Bemerkungen zu den Dünenabbrüche im Westen der ostfrisichen Insel Juist, *N. Arch. Niedersachsen*, **19**, 181-186. [codn]

Luck, G. 1974. Untersuchungen der Forschungsstelle Norderney über die Dünenabbrüche auf der ostfrisichen Insel Langeoog, *Küste*, **25**, 46-52. [codn]

Luck, G. and Witte, H.H. 1973. Erfassung morphologischer Vorgänge der ostfrisichen Riffbögen in Luftbildern, *Jahrsberichte der Forschungsstelle, Insel und Küstenschutz*, **25**, 33-54. [codn dnhyd]

Luckenback, R.A. and Bury, R.B. 1983. Effects of off-road vehicles on the biota of the Algodones dunes, *Journal of Applied Ecology*, **20**, 265-286. [dnuse dnveg]

Lüders, K. 1953. Die Entstehung der ostfriesichen Inseln und der Einfluß der Dünenbildung auf der geologischen Aufbau der ostfriesichischen Küste, *Probl. Küstenforsch. Südlich Nordseegebiete*, **5**, 5-15. [codn]

Lüders, K., Führböter, A. and Rodolff, W. 1972. Neuartige Dünen- und Strandsicherung im Nordwesten der Insel Langeoog, *Küste*, **23**, 63-111. [codn]

Ludwig, G. 1958. Beitrag zur Frage des Gleichgewichtes im System Düne-Strand-Vorstrand an der Ostseeküste, *Geologische Rundschau*, **47**, 66-71. [codn sand]

Lugn, A.L. 1935. The Pleistocene geology of Nebraska, *Bulletin of the Nebraska Geological Survey*, **10**, 223 pp. [stbdn]

_ukasiewicz, A. 1978. Ecological investigations on underground organs of plants living on dune sand in the S_owinski National Park, in *Guide to Polish International Excursion 1978*, Ed. Wojterski, T., *Biologia*, **11**, Univ. Poznan., 110-112. [dnveg]

Lumme, E. 1934. Die Flugsandfelder und Dunengebiete Finnlands nach Literaturbelegen zusammengestellt, *Fennia*, **59** (2), 1-77. [stbdn or Publ. Inst. Geogr. Univ. Turkuensis, **11**, 1-77 ??]

Lund, E.H. 1973. Oregon coastal dunes between Coos Bay and Sea Lion Point, *Ore Bin*, **35**, 73-92. [codn]

Lundberg, A. 1984. A controversy between recreation and ecosystem protection in sand dune areas on Karmøy, southwestern Norway, *GeoJournal*, **8**, 147-158. [codn dnuse]

Lundberg, A. 1987. Vegetation of sand dunes on Karmøy, S.W. Norway, *Nordic Journal of Botany*, **7** (2), 453-477. [codn dnveg and/or Geografi I Bergen, **112**, 453-477. ??]

Lundqvist, J. and Mejdahl, V. 1987. Thermoluminescence dating of eolian sediments in central Sweden, *Geologiska Föreningens i Stockholm Förhandlingar*, **109** (2), 147-157. [sand]

Lunson, E.A. 1950. *Sandstorms on the northern coasts of Libya and Egypt*, *Professional Notes*, **102**, Meteorological Office, London, 12 pp. [sdmo]

Lupe, R. and Ahlbrandt, T.S. 1975. *Sandstone geometry, porosity and permeability distribution and fluid migration in eolian system reservoirs*, United States Geological Survey, Open File Report, **75-357**, 23 pp. [dnbed]

Lupe, R. and Ahlbrandt, T.S. 1979. Sediments of ancient aeolian environments - reservoir inhomogeneity, in *A study of global sand seas*, Ed. McKee, E.D., United States Geological Survey, Professional Paper, **1052**, 241-252. [dnbed]

Lustig, L.K. 1968. Appraisal of research on geomorphology and surface hydrology of desert environments, in *Deserts of the world*, Eds. McGinnies, W.G., Goldman, B.J. and Paylore, P., University of Arizona Press, for American Society for the Advancement of Science, Tucson, AZ, 95-268. [dune geog qtos xf 9 mcg]

Lustig, L.K. 1969a. Quantitative analysis of desert topography, in *Arid lands in perspective*, Eds. McGinnies, W.G. and Goldman, B.J., American Association for the Advancement of Science, University of Arizona Press, Tucson, AZ, 45-58. [dune]

Lustig, T.L. 1977. Aeolian-induced cyclic meandering on an ephemeral deltaic river mouth, *3rd Australian Conference on Coastal and Ocean Engineering*, Melbourne, 233-239. [abstract in Busche *et al.* 1984 Gascoyne sdmo dune ?!]

Luthi, S.M. and Banavar, J.R. 1988. Application of borehole images to three-dimensional modelling of eolian sandstone reservoirs, Permian Rotliegende, North Sea, *Bulletin of the American Association of Petroleum Geologists*, **72** (9), 1074-1089. [dnbed]

Lutz, H.J. 1941. The nature and origin of layers of fine textured materials in dunes, *Journal of Sedimentary Petrology*, **11** (3), 105-123. [dnsol dnbed]

Lux, H. n.d. Festlegung und Begrünung von Dünen, in *Handbuch für Landschaftsplege und Naturschutz*, **4**, 237-248. [dnuse dnecol]

Lux, H. 1964. Die biologischen Grundlagen der Strandhaferpflanzung und Silbergrasansaat im Dünenbau, *Angewandte Pflanzensoziologie*, **20**, 5-53. [dnveg abstract in Busche *et al.*, 1984]

Lux, H. 1966. Zur Ökologie des Strandhafers (*Ammophila arenaria*) unter besonderer Berücksichtigung seiner Verwendung im Dünenbau, *Beiträge Landespflege*, **11**, 93-107. [dnveg]

Lux, H. 1969a. Planmäßige Festlegung der schadhafte Binnendünen auf den nordfriesischen Inseln Sylt und Amrum, *Natur und Landschaft*, **44**, 135-139. [dnveg or 6 ?? brief abstract in Busche *et al.* 1984]

Lux, H. 1969b. Zur Biologie der Strandhafers (*Ammophila arenaria*) und seiner technischen Anwendung im Dünenbau, in *Experimentelle Pflanzensociologie*, Ed. Tüxen, R., *Internat. Verhannelungen Vegetationsunde*, International Symposium, Berlin, **9**, Junk, The Hague, 138-145. [dnveg]

Lux, M. 1968. Der Zehnjahresplan des Landes Schleswig-Holstein über Dünenschutz und Waldbildung auf den norfriesischen Inseln Sylt und Amrum, *Information des Instituts für Rampsforschung*, **8** (11), 281-298. [codn dnuse brief abstract in Busche *et al.* 1984]

Lyasovskaya, L.M. 1985. The application of vegetation indicators to geological-engineering surveying in the Karakalpak Ustyurt, *Problems of Desert Development*, (1), 91-94. [dnuse]

Lyczewska, J. 1969. Le rapport d'accumulation du loess aux processus de la formation des dunes dans la région de la Ste. Croix, *Biuletyn Peryglacjalny*, **20**, 221-224.

Lyles, L. 1976. Soil detachment and aggregate disintegration by wind-driven rain, in *Soil erosion: prediction and control*, Soil Conservation Society of America, Ankeny, IA, 152-159. [sdmo]

- Lyles, L. and Krauss, R.K. 1971. Threshold velocities and initial particle motion as influenced by air turbulence, *Transactions of the American Society of Agricultural Engineering*, **14**, 563-566. [sdmo]
- Lyles, L., Schrandt, R.L. and Schmeidler, N.F. 1974. How aerodynamic roughness elements control sand movement, *Transactions of the American Society of Agricultural Engineering*, **17** (1), 134-139. [sdmo abstract in Busche *et al.*, 1984]
- Lyles, L. and Woodruff, N.P. 1972. Boundary-layer flow structure: effects on the detachment of non-cohesive particles, in *Sedimentation*, Ed. Sten, H.W., Department of Civil Engineering, Colorado State University, 2.1-2.16. [sdmo]
- Maack, R. 1941. Algumas observacoes a respeito da existencia e da extensao do arenito superior Sao Bento ou Caiua no estado do Parana, *Museo Arquivos Paranaense*, **1**, 107-129. [dnbed]
- Maarleveld, G.C. 1960. Wind directions and cover sands in the Netherlands, *Biuletyn Peryglacjalny*, **8**, 49-58. [stbdn abstract in Niessen, *et al.* 1984]
- Mabbutt, J.A. 1957. Physiographic evidence for the age of the Kalahari Sands in the southwestern Kalahari, *Proceedings of the 3rd Pan African Congress on Prehistory, 1955*, Livingstone, Eds. Clark, J.D. and Coles, S., Chatto and Windus, London, 123-126. [stbdn dune 63 inst of arch DC series pan]
- Mabbutt, J.A. 1963. Wanderrie banks: micro-relief patterns in semi-arid Australia, *Bulletin of the Geological Society of America*, **74** (5), 529-540. [dune]
- Mabbutt, J.A. 1965. ** linear dunes**, *Australian Natural History*, **15**, 105-**
- Mabbutt, J.A. 1968. Aeolian landforms in central Australia, *Australian Geographical Studies*, **6** (2), 139-150. [dune abstract in Busche *et al.*, 1984]
- Mabbutt, J.A. 1969. Landforms of arid Australia, in *Arid lands of Australia*, Eds. Slatyer, R.O. and Perry, R.A., Australian National University Press, Canberra, 11-32. [dune]
- Mabbutt, J.A. 1971. The Australian arid zone as a prehistoric environment, in *Aboriginal man and environment in Australia*, Eds. Mulvaney, D.J. and Golson, J., Australian National University Press, Canberra, 66-79. [stbdn]
- Mabbutt, J.A. 1974. Desert types of Australia and their inherent vulnerability, *Field Conference*, International Geographical Union, Working Group on Desertification in and Around Arid Lands, Alice Springs, 5-6. [dnuse]
- Mabbutt, J.A. 1976. Physiographic setting as an indication of inherent resistance to desertification, in *Problems in the development and conservation of desert and semi-desert lands*, **23rd International Geographical Union, Working Group on Desertification in and around Arid Lands, Pre-Congress Symposium**, **K26**, Ed. Mabbutt, J.A., Ashkhabad, University of New South Wales, Kensington, 189-197. [dnuse]
- Mabbutt, J.A. 1977. *Desert landforms*, Australian National University Press, Canberra and MIT Press, Cambridge, MA, 340 pp. [dune]
- Mabbutt, J.A. 1980. Some general characteristics of the aeolian landscapes, in *Aeolian landscapes in the semi-arid zone of south eastern Australia*, Eds. Storrier, R.R. and Stannard, M.E., Australian Society of Soil Science, Inc., Riverina Branch, 1-16. [dune geog sa 22 sto]
- Mabbutt, J.A. 1982. Ground control of dune patterns in the northwestern Simpson Desert, central Australia, in *Aeolian processes, sediments and landforms*, *SLEADS Workshop*, Canberra, 20-22.
- Mabbutt, J.A. 1984a. Factors determining desert dune type, *Nature*, **309** (5963), 92.

- Mabbutt, J.A. 1984b. Landforms of the Australian deserts, in *Deserts and arid lands*, Ed. El-Baz, F., Martinus Nijhof, The Hague, 79-94. [dune]
- Mabbutt, J.A. 1988. Australian desert landscapes, *GeoJournal*, **16**, 355-369. [dune]
- Mabbutt, J.A. and Sullivan, M.E. 1968. The formation of longitudinal dunes: evidence from the Simpson Desert, *Australian Geographer*, **10** (6), 483-487. [abstract in Busche *et al.*, 1984]
- Mabbutt, J.A. and Wooding, R.A. 1966. Investigations of dune patterns in central Australia using aerial photographs, *Proceedings of the Workshop*, Division of Computing Research, Commonwealth Scientific and Industrial Organization (CSIRO), Canberra, **
- Mabbutt, J.A. and Wooding, R.A. 1983. Analysis of longitudinal dune patterns in the northwestern Simpson Desert, central Australia, *Zeitschrift für Geomorphologie, Supplement Band*, **45** (1), 51-69. [abstract in Busche *et al.*, 1984]
- Mabbutt, J.A., Wooding, R.A. and Jennings, J.N. 1969. The asymmetry of Australian desert sand ridges, *Australian Journal of Science*, **32** (4), 159-160. [dune]
- Mabesoone, J.M. 1963. Coastal sediments and coastal development near Cadiz (Spain), *Geologie en Mijnbouw*, **42** (2), 29-43. [codn dnbed]
- MacArthur, W.M. 1962. Development and distribution of soils of the Swan coastal plain (Western Australia), *Soil Publication*, **16**, Commonwealth Scientific and Industrial Organization (CSIRO), ** [dnsol codn or McArthur ??]
- MacCarthy, G.R. 1933. The rounding of beach sand, *American Journal of Science*, (5th series, **25**), **225**, (147), 270-280.
- MacCarthy, G.R. 1935. Eolian sands: a comparison, *American Journal of Science*, **30** (1), 81-95.
- MacCarthy, G.R. and Huddle, J.W. 1938. Shape-sorting of sand grains by wind action, *American Journal of Science*, (5th Series **35**), **235**, (1), 64-73.
- MacDonald, A.A. 1966. *The Dumont dune system of the northern Mojave Desert, California*, unpublished M.Sc. dissertation, California State University, Northridge, CA, **
- MacDonald, A.A. 1970. The northern Mojave's little Sahara, *Mineral Information Service*, **23** (1), California Division of Mines and Geology, 3-6. [dune Geoabstracts 71/A 0664. and in Busche *et al.*, 1984]
- Macdonald, J. 1954. Tree planting on sand dunes in Great Britain, *Advancement of Science*, **11**, 33-37. [codn dnuse dnveg]
- MacDougal, D.T., Ed. 1914. *The Salton Sea: a study of the geography, geology, the floristics and the ecology of a desert basin*, Publication, **193**, Carnegie Institute of Washington, DC, 182 pp. [dune dnveg rgs]
- MacEntee, F.J. and Bold, H.C. 1978. Some microalgae from sand, *Texas Journal of Science*, **30**, 167-173. [codn dnveg]
- MacFarlane, M.A. 1972. Wind factor in dune formation at Great Whale, Quebec, *Proceedings of the 22nd International Geographical Congress*, Eds. Adams, W.P and Heileiner, M., Montreal, University of Toronto Press, Toronto, **
- Machenberg, M.D. 1982. Sand dune migration in Monahans Sandhills State Park, Texas, *Geological Society of America, Abstracts with Program*, **16th Annual Meeting**, South-Central Section, **14** (3), 116.

- Ma Chengyuan, 1982. Preliminary analysis of the sand driving wind in east Henan and north Henan, *Zhong Guo Sha Mo (Journal of Desert Research)*, **2**, 17-75. [sdmo]
- Macher, J. 1963. Differences in the filtration coefficients computed by means of various methods, exemplified on dune sands from the Warsaw region, (in Polish, English abstract), *Kwartalnik Geologiczny*, **7**, 470-483. [dnhyd]
- Mack, G.H. 1978. The survivability of light-mineral grains in fluvial, eolian and marine environments. The Permian Cutler and Cedar Mesa Formations, *Sedimentology*, **25** (5), 587-604. [dnbed sdmo sand]
- MacKay, J.R. 1963. *The Mackenzie delta area, N.W.T., Geographical Branch Memoir*, **8**, Canadian Department of Mines and Technical Surveys, 202 pp. [stbdn dune abstract in Niessen, *et al.* 1984]
- Mackenzie, F.T. 1964b. Bermuda Pleistocene eolianites and palaeowinds, *Sedimentology*, **3** (1), 51-64. [dnbed codn]
- MacKie, W. 1897. On the laws that govern the rounding of grains of sand, *Transactions of the Edinburgh Geological Society*, **7**, 298-311. [or McKie ??]
- MacKie, W. 1899. The sands and sandstones of eastern Moray, *Transactions of the Edinburgh Geological Society*, **9**, 148-** [dnbed]
- MacKie, W. 1923. The principles that regulate the distribution of particles of heavy minerals in sedimentary rocks illustrated by the sandstones of northeastern Scotland, *Transactions of the Geological Society of Edinburgh*, **11**, 138-164. [dnbed sand]
- Macumber, P.G. 1970. Lunette initiation in the Kerang district, *Mining and Geological Journal of Victoria*, **6**, 16-18. [dune stbdn]
- Macumber, P.G. 1980. The influence of groundwater discharge on the Mallee landscape, in *Aeolian landscapes in the semi-arid zone of southeastern Australia*, Eds. Storrier, R.R. and Stannard, M.E., Australian Society of Soil Science, Riverina Branch, 67-84. [dnhyd stbdn]
- MacVicar, C.N. and Eloff, J.F. 1980. Evidence of hydromorphy in some sands of the Kalahari, *Agrochemophysica*, **12** (1), 21-26. [dnsol dnhyd brief abstract in Busche *et al.*, 1984]
- MacVicar, C.N., Hutson, J.L. and Fitzpatrick, R.W. 1985. Soil formation in the coast aeolianites and sands of Natal, *Journal of Soil Science*, **36** (3), 373-388. [stbdn codn dnsol]
- Mader, D. 1980a. Aeolische und fluviatile Sedimentation im Mittleren Bundsandstein der Westeifel, *Neues Jahrbuch der Paläontologie Abhandlungen*, **160**, 1-41. [dnbed]
- Mader, D. 1980b. Paläowindrichtungen und Paläoströmungsrichtungen im Mittleren Bundsandstein der Westeifel, *Geologische Rundschau*, **69** (3), 922-942. [dnbed]
- Mader, D. 1981. Aeolische und fluviatile Sedimentation im Mittleren Bundsandstein der Südeifel, *Neues Jahrbuch der Paläontologie Abhandlungen*, **161**, 345-407. [dnbed]
- Mader, D. 1982a. Aeolian sands in continental red beds of the Bundsandstein (Lower Triassic) at the western margin of the German Basin, *Sedimentary Geology*, **31**, 191-230. [dnbed]
- Mader, D. 1982b. Kleindimensionale Schichtdeformationen in äolischen Sandsteinen im Mittleren Bundsandstein der Westeifel, *Mainzer geowissenschaftliche Mitteilungen*, **11**, 91-110. [dnbed]
- Mader, D. 1983a. Aeolian sands terminating an evolution of fluvial depositional environments in Middle Bundsandstein (Lower Triassic) of the Eifel, Federal Republic of Germany, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 583-612. [dnbed]

- Mader, D. 1983b. Aeolische und fluviatile Sedimentation im Mittleren Bundsandstein der Nordeifel, *Neues Jahrbuch der Paläontologie Abhandlungen*, **165**, 254-302. [dnbed]
- Mader, D. and Yardley, M.J. 1985. Migration, modification and merging in aeolian systems and the significance of the depositional mechanisms in Permian and Triassic dune sands of Europe and North America, *Sedimentary Geology*, **43** (1), 85-218. [dnbed]
- Madigan, C.T. 1930. An aerial reconnaissance into the southeastern portion of central Australia, *Proceedings of the Royal Geographical Society of Australasia, South Australian Branch*, **30**, 83-108. [dune]
- Madigan, C.T. 1936a. *Central Australia*, Oxford University Press, London, 267 pp. [dune]
- Madigan, C.T. 1936b. The Australian sand-ridge deserts, *Geographical Review*, **26** (2), 205-227. [dune]
- Madigan, C.T. 1938. The Simpson Desert and its borders, *Journal and Proceedings of the Royal Society of Victoria*, **71** (2), 503-535. [dune]
- Madigan, C.T. 1945. The Simpson Desert expedition 1939; scientific reports: Introduction, narrative, physiography and meteorology, *Transactions of the Royal Society of South Australia*, **69** (1), 118-139. [dune]
- Madigan, C.T. 1946. The Simpson Desert expedition 1939; scientific reports. **6**. Geology - the sand formations, *Transactions of the Royal Society of South Australia*, **70** (1), 45-63. [dune abstract in Busche *et al.*, 1984]
- Madjanowski, S. 1958. Les problèmes climatiques des périodes des dunes (Polish, French summary), in *Wydmny srodladowe Polski*, Ed. Galon, R., PWN, Warsaw, ** [stbdn]
- Madole, R.F. 1981. Great Plains eolian processes (abstract), *Geological Research, United States Geological Survey, Professional Paper*, **1275**, 178. [dune stbdn]
- Madole, R.F. 1986. Pleistocene and Holocene dune stratigraphy, Wray dune field, Colorado-Nebraska, *Program and Abstracts, American Quaternary Association 9th Meeting*, Péwé, T.L. President, **35 a** (9), 148. [stbdn]
- Maegley, W.J. 1976. Saltation and martian sandstorms, *Reviews of Geophysics and Space Physics*, **14**, 135-142. [sdmo]
- Maeno, N., Araoka, K., Nishimura, K. and Kaneda, Y. 1979. Physical aspects of the wind-snow interaction in blowing snow, *Journal of the Faculty of Science, Hokkaido University, Series*, **VII**, **6**, 126-141. [sdmo]
- Magalhães, J. and Gierasch, P. 1982. A model of Martian slope winds: implications for eolian transport, *Journal of Geophysical Research*, **87** (B12), 9975-9984. [sdmo]
- Magaritz, M., Gavish, E., Bakler, N. and Kafri, U. 1979. Carbon and oxygen isotope composition - indicators of cementation environment in Recent, Holocene and Pleistocene sediments along the coast of Israel, *Journal of Sedimentary Petrology*, **49** (2), 401-412. [codn dnbed]
- Magee, A.W., Bull, P.A. and Goudie, A.S. 1988. Chemical textures on quartz grains: an experimental approach, *Earth Surface Processes and Landforms*, **13** (8), 665-670. [sand]
- Magenheimer, S. and Mazzullo, J. 1985. The shapes of detrital quartz grains as indicators of their source, *Geological Society of America, Abstracts with Programs*, **17**, 651. [sand]
- Maher, J.C. 1954. Lithofacies and suggested depositional environment of Lyons Sandstone and Lykins

Formation in southeastern Colorado, *Bulletin of the American Association of Petroleum Geologists*, **38** (10), 2233-2239. [dnbed]

Maheut, J. and Dommergues, Y. 1959. La fixation par reboisement des dunes de la Presq'île du Cap Vert et l'évolution biologique des sols (Sénégal), *Bois et Forêts des Tropiques*, **63**, 3-16. [codn dnuse]

Mahmood, K. 1973. Lognormal size-distribution of particulate matter, *Journal of Sedimentary Petrology*, **43** (4), 1161-1166. [sand]

Mahmoudi, F. 1977. Les nebkhas de Lut, Iran, *Annales de Géographie*, **86** (475), 315-321. [dune]

Mainguet, M. 1965. Caractéristiques granulométriques de quelques sables éoliens du désert péruviens: aspects de la dynamique des barkanes, *Revue de Géomorphologie dynamique*, **15** (7), 110-121. [dune sand. Monique]

Mainguet, M. 1968. Le Borkou, aspect d'une modelé éolien, *Annales de Géographie*, **77** (421), 296-322. [dune abstract in Busche *et al.*, 1984]

Mainguet, M. 1969. Séquences morphogénétiques quaternaires au Borkou (Nord-Tchad), *Photo-Interprétation*, **3**, 17-44. [dune]

Mainguet, M. 1972. Etude d'un erg (Fachi Bilma, Sahara central). Son alimentation sableuse et son insertion dans le paysage après les photographies pris par satellites, *Comptes rendus de l'Académie des Sciences, Paris*, **D 274**, 1633-1636. [dune]

Mainguet, M. 1974. Apport des images par satellites NOAA 3 dans l'observation des grands courants de matériels éoliens et dans les relations de dépendance des ergs au Sahara, *Photo-Interprétation*, Paris, **23/52**, ** [dune sdmo brief abstract in Busche *et al.*, 1984]

Mainguet, M. 1975a. Etude comparée des ergs à l'échelle continentale, Sahara et déserts d'Australie, *Bulletin de l'Association de Géographes français*, **424** (25), 135-140. [dune]

Mainguet, M. 1975b. Trade winds, topography and sand flow in the Sahara and Australia, *Proceedings of the Cambridge Meeting on Desertification*, Ed. Grove, A.T., International Geographical Union, 39-43. [dune sdmo brief abstract in Busche *et al.*, 1984]

Mainguet, M. 1976a. Etude géodynamique de l'effet d'un obstacle dans le transport éolien. Résultats obtenus à l'aide des images aériennes et satellites au Sahara, *Bulletin de la Société française de Photointerprétation*, **B 61**, 31-38. [dune brief abstract in Busche *et al.*, 1984]

Mainguet, M. 1976b. Proposition pour une nouvelle classification des édifices sableux éoliens d'après les images de satellites Landsat 1. Gemini, NOAA 3, *Zeitschrift für Geomorphologie*, NF **20** (3), 275-296. [dune brief abstract in Busche *et al.*, 1984]

Mainguet, M. 1976c. Bilan des recherches du Laboratoire de Géographie Physique Zonale et l'étude des paysages en roches sédimentaires appliqués à la dynamique éolienne en zone aride chaude, *Palaeoecology of Africa*, **9**, 41-44. [dune]

Mainguet, M. 1976d. Images satellitaires et morphologie des zones arides et sahéliennes, in *Apports de la télédétection à l'étude des régions arides et subarides*, Journée d'Etude Organisé le 9 avril au CNEAT, 34-50. [dune]

Mainguet, M. 1976e. La circulation de sable au Sahara. Diagnostic d'après les images de satellites, conséquences sur la désertification, in *Geomorphology and palaeogeography*, Ed. Gerasimov, I.P., **23rd International Geographical Congress**, **23** (1), 182-187. [dune sdmo abstract in Busche *et al.*, 1984]

Mainguet, M. 1976f. Téléexploration et étude géodynamique des variations de la limite méridional du Sahara, in *Problems in the development and conservation of desert and semi-desert lands*, **23rd**

International Geographical Union, Working Group on Desertification in and around Arid Lands, Pre-Congress Symposium, **K26**, Ashkhabad, Ed. Mabbutt, J.A., Ashkhabad, University of New South Wales, Kensington, 79-86. [sdmo dune stbdn]

Mainguet, M. 1977. Analyse quantitative de l'extrémité sahélienne du courant éolien transporter de sable au Sahara nigérien, *Comptes rendus de l'Académie des Sciences, Paris*, **D 285** (10), 1029-1032. [dune sdmo brief abstract in Busche *et al.*, 1984]

Mainguet, M. 1978a. The influence of trade winds, local air masses and topographic obstacles on the aeolian movement of sand particles and the origin and distribution of ergs in the Sahara and Australia, *Geoforum*, **9** (1), 17-28. [dune abstract in Busche *et al.*, 1984]

Mainguet, M. 1978b. *Dunes et autres édifices sableux éoliens. Actions éoliennes (déflation-transport-corrasion). Leur milieu (déserts chauds et froids, domain littoral), leur contexte paléoclimatique et climatique. Méthodes d'investigation. Moyens de lutte contre l'ensablement et de la désertification. Recherches bibliographiques*, Délégation générale à la Recherche scientifique et technique; Groupement d'Etudes et de Recherches pour le Développement de l'Agronomie tropicale, Paris, Laboratoire de Géographie physique et zonale, Université de Reims, 344 pp.

Mainguet, M. 1978c. *Images satellites et morphologie des zones arides et sahéliennes*, Centre de Perfectionnement, Strasbourg, Depulp, ** [dune]

Mainguet, M. 1980a. L'interdépendence des mécanismes éoliens dans les zones arides du Sahara et dans leur marges sahéliennes: ses effets sur la propagation de la désertification, in *Desertification in extremely arid environments*, Ed. Meckelein, C.H., *Stuttgarter geographische Studien*, **95**, 107-123. [dune sdmo abstract in Busche *et al.*, 1984]

Mainguet, M. 1980b. Trans-Saharan and trans-sahelian wind circulation, potential energy and wind-related processes of desertification and their detection by remote sensing (abstract), *14th International Symposium on Remote Sensing of Environment, Summaries*, Ann Arbor, Michigan, 84-85. [sdmo dune abstract in Busche *et al.*, 1984]

Mainguet, M. 1981. Les effets du vent dans la désertification du Sahel nigéro-voltaïque, *9th International Congress of Biometeorology, Abstracts Volume*, Eds. Overdieck, D. Mueller, J. and Lieth, H., Osnabruck, 250-251. [dune abstract in Busche *et al.*, 1984]

Mainguet, M. 1982a. Les dunes d'érosion: signification morphodynamique et climatique de leur existence, *Würzburger geographisches Arbeiten (Livre Jubilaire du Professeur Hövermann)*, **56**, 79-92. [abstract in Busche *et al.*, 1984]

Mainguet, M. 1982b. L'épaisseur des dépôts sableux éoliens est-elle un indicateur d'aridité ? L'aridité saharienne, *Bulletin de l'Association de Géographes français*, (483-484), 64-67. [dune]

Mainguet, M. 1982c. Les marques géographiques de l'aridité dans le Sahara et sur ses marges au Plio-Quaternaire, *Bulletin de l'Association de Géographes françaises*, (483-484), 25-29; 64-68. [stbdn dune]

Mainguet, M. 1982d. Use of satellite images for detecting wind dynamics - sand deposits, fixed dunes, wind erosion and desertification in the Sahel, south of Sahara, in *Remote Sensing of Arid and Semi-Arid Lands, Proceedings of the International Symposium on Remote Sensing of Environment*, Cairo, 551-552. [dune sdmo]

Mainguet, M. 1983a. Tentative mega-geomorphological study of the Sahara, in *Mega-geomorphology*, Eds. Gardner, R.A. and Scoging, H., Clarendon Press, Oxford, 113-133. [geog e 20 dune]

Mainguet, M. 1983b. Dune vives, dunes fixées, dunes vêtues: une classification selon le bilan d'alimentation. Le regime éolien et la dynamique des édifices sableux, *Zeitschrift für Geomorphologie, Supplement Band*, **45**, 265-286. [stbdn abstract in Busche *et al.*, 1984]

- Mainguet, M. 1984a. Where it is necessary to speak of ecology, epilith, wind action and protection of human environments of life, *Travaux de l'Institut de Géographie de Reims*, **59-60**, 9-13. [dnuse]
- Mainguet, M. 1984b. Cordons longitudinaux (sandridges): dunes allongées à ne plus confondre avec les sifs, autres dunes linéaires, in *Le vent, mécanisme d'érosion, de dégradation, de désertification. Notions d'échelle, de budget sédimentaire, de vulnérabilité des paysages*, Travaux Institut de Géographie de Reims, **59-60**, 61-83.
- Mainguet, M. 1984c. A classification of dunes based on aeolian dynamics and the sand budget, in *Deserts and arid lands*, Ed. El-Baz, F., Martinus Neihoff, The Hague, 31-58. [dune]
- Mainguet, M. 1984d. Space observations of Saharan aeolian dynamics, in *Deserts and arid lands*, Ed. El-Baz, F., Martinus Neihoff, The Hague, 59-77. [dune]
- Mainguet, M. 1984e. *Inventory of sand movement in Somalia*, National Range Agency United Nations Sahelian Office (UNSO), **UNSO/DES/SOM/80/001**, 100 pp. [sdmo]
- Mainguet, M. 1985. *Conséquences géomorphologiques de l'action du vent dans les régions de dunes en zones arides et semi-arides*, World Meteorological Organization, **WCP -97. WMO-TD 49**, 118 pp. [sdmo]
- Mainguet, M. 1986. The wind and desertification processes in the Saharo-Sahelian and Sahelian regions, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 210-240. [dune]
- Mainguet, M., Borde, J.-M. and Chemin, M.-C. 1984. Sédimentation éolienne au Sahara et sur ses marges: les images météosat et landsat outil pour l'analyse des témoignages géodynamiques du transport éolien au sol, *Travaux de l'Institut de Géographie de Reims*, **59-60**, 15-27. [dune sdmo]
- Mainguet, M., Borde, J.-M. and Cossus, L. 1981. Comparative studies of the northern polar sand seas of Mars with terrestrial dunes: evaluation of our knowledge, *3rd International Symposium on Mars*, **441**, 142-144.
- Mainguet, M. and Callot, Y. 1974. Airphoto study of typology and interrelations between the texture and structure of dune patterns in the Fachi-Bilma erg, Sahara, *Zeitschrift für Geomorphologie, Supplement Band*, **20**, 62-68. [abstract in Busche *et al.*, 1984]
- Mainguet, M. and Callot, Y. 1978. *L'erg de Fachi-Bilma (Tchad-Niger). Contribution à la connaissance de la dynamique des ergs et des dunes des zones arides chaudes*, Mémoires et Documents, **NS 18**, Centre national de la Recherche scientifique (CNRS), 184 pp. [dune abstract in Busche *et al.*, 1984]
- Mainguet, M. and Callot, Y. 1979. Encore à propos des barkhanes: leur tourbillons sous le vent, leur rôle de freinage de sable et leurs assemblages, *Stuttgarter geographischen Studien*, **95**, 107-123. [dune **93**, 79-93?? abstract in Busche *et al.*, 1984]
- Mainguet, M., Callot, Y. and Guy, M. 1974a. Taxonomic classification of dunes in Fachi-Bilma erg, diagnosis of wind direction, *Revue de Photo-Interprétation*, **74-1, 74-2**, **
- Mainguet, M., Callot, Y. and Guy, M. 1974b. Les dunes dans l'erg Fachi-Bilma, classement taxonomique. Diagnostic du sens et de la direction du vent, *Photo-Interprétation*, (Editions Technip, Paris, **1974-1**, 1 to 5, 1-37; **1974-2**, 1 to 7, 1-51.
- Mainguet, M. and Canon, L. 1976. Vents et paléovents du Sahara. Tentative d'approche paléoclimatique, *Revue de Géographie physique et de Géologie dynamique*, **18** (2-3), 23-52. [sdmo dune]
- Mainguet, M. and Canon, L. 1977. Carte des degrés de réactivation des mantaux sableux liés aux mécanismes de dynamique externe et aux effets de la mise en valeur, selon la nature et le modelé du

substratum, in *Eghazer and Azaouak Region, Niger: case study on desertification*, United Nations Conference on Desertification, Nairobi, 88 pp. [dune sdmo dnuse]

Mainguet, M. and Canon, L. 1978. L'Action du vent dans les paysages arides de l'Afrique nord equatorial vués par les satellites, *Colloque DTA: Utilisation des Satellites en Télédétection*, Saint Mandé, 307-** [dune]

Mainguet, M. and Canon-Cossus, L. 1980a. On the use of Meteosat imagery for the determination of ground wind trajectories in the Sahara and regions bordering on the Sahel: interpretation of Meteosat images recorded between May 29 1978 and February 9 1979, *Proceedings of the International Symposium on Remote Sensing of Environment*, San Jose, Costa Rica, Environmental Research Institute of Michigan, Ann Arbor, 743-750. [dune sdmo]

Mainguet, M. and Cossus, L. 1980b. Sand circulation in the Sahara: geomorphological relations between the Sahara Desert and its margins, in *Sahara and surrounding Seas: sediments and climatic changes*, Eds. Sarnthein, M., Seibold, E. and Rognon, P., *Palaeoecology of Africa and the Surrounding Islands*, **12**, Eds. Van Zinderen Bakker, E.M.Sr. and Coetzee, J.A., Balkema, Rotterdam, 69-78. [sdmo dune abstract in Busche *et al.*, 1984]

Mainguet, M. and Canon-Cossus, L. 1980c. Desertification indicators in the Sahel of Niger and Upper Volta - methodologies and case studies, in *Environment monitoring for the Arab World*, Eds. Elmehrik, *et al.*, *Proceedings of the Seminar on Methodologies and Applications of Remote Sensing from Space, Light Aircraft and the Ground for Monitoring Natural Resources, Pollution and Climate*, Amman, Jordan, October 26-29. 1980. The Royal Scientific Society Amman, 92-122. [or 1981 ?? dnuse]

Mainguet, M., Canon-Cossus, L. and Chapelle, A.M. 1980. Utilisation des images Météosat pour préciser les trajectoires éoliennes au sol, au Sahara et sur les marges sahéliennes, *Bulletin de la Société française de Photogrammetrie et de Télédétection*, **78** (2), 1-12. [dune sdmo]

Mainguet, M., Canon-Cossus, L. and Chemin, M.-C. 1979. Dégradation dans les régions centrales de la République du Niger, *Travaux de l'Institut géographique de Reims*, **39-40**, 61-73. [dnuse abstract in Busche *et al.*, 1984]

Mainguet, M., Canon-Cossus, L. and Chemin, M.-C. 1980. Le Sahara: géomorphologie et paléogéomorphologie éoliennes, in *The Sahara and the Nile*, Eds. Williams, M.A.J. and Faure, H., Balkema, Rotterdam, 17-35. [dune abstract in Busche *et al.*, 1984]

Mainguet, M. and Chemin, M.-C. 1978. Dunes et autres édifices sableux éoliens - actions éoliennes (déflation, transport, corrasion), *Recherches bibliographiques*, LGPZ, Université de Reims, 344 pp.

Mainguet, M. and Chemin, M.-C. 1979a. *Précipitations et vents dans le Sahel de la République du Niger, des variations dû à une crise climatique (1968-1973)*, *Rapport 4*. DGRST et GERDAT, Paris, MS., 98 pp. [sdmo]

Mainguet, M. and Chemin, M.-C. 1979b. *Lutte contre l'ensablement des palmeraies et ses Oasis dans le Sud Marocaine. Rapport technique: préliminaire de l'avancement du sable*, Food and Agriculture Organization of the United Nations (FAO), Rome **TCP/MOR/6702**, 32 pp. [dnuse dune abstract in Busche *et al.*, 1984]

Mainguet, M. and Chemin, M.-C. 1981. The use of LANDSAT imagery for the cartography of the eolian dynamics in the desertification of Sahelian areas, *4th International Colloquium of Group for the Development of remote Sensing. Thematic Cartography of the Results of remote Sensing (GDTA)*, Toulouse, June 22-26, 135-149. [dune]

Mainguet, M. and Chemin, M.-C. 1982. *Formulation d'un programme de lutte contre l'ensablement des palmeraies de Bilma, Niger*, Bureau des Nations Unies pour la Région soudano-sahélienne (UNSO), Food and Agriculture Organization of the United Nations (FAO), Rome, FAO:**UNO/NER/002/UNSO, UNSO/DES/NER/81/002**, 105 pp. [dnuse]

Mainguet, M. and Chemin, M.-C. 1983. Sand seas of the Sahara and Sahel: an explanation of their thickness and sand dune type by the sand budget principle, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 353-363.

Mainguet, M. and Chemin, M.-C. 1984. Les dunes pyramidales du Grand Erg Oriental: un double dynamique pour un même édifice éolien, *Travaux de l'Institut de Géographie de Reims*, **59-60**, 49-60.

Mainguet, M. and Chemin, M.-C. 1985. La notion de budget sablo-éolien appliquée aux dépôts de sable du Sahara et du Sahel dans l'analyse de l'état de surface des grands Ergs Oriental et Occidental, in *Livre jubilaire en l'honneur du Professeur Ferdinand Joly*, CERCG du Centre national de Recherche scientifiques (CNRS), 113-130. [dune or 1986 ??

Mainguet, M. and Chemin, M.-C. 1987. Images satellites et mesures de terrain pour une approche quantitative des systèmes dunaires du Grand Erg oriental: relation avec l'ensablement des oases périphériques, in *Forshungen in Sahara und Sahel*, **1**, Eds. Vogg, R. *Stuttgarter geographisches Studien*, **106**, 145-160. [dnuse dune

Mainguet, M. and Chemin, M.-C. 1988. Wind system and sand dunes in the Taklimakan Desert, *Chinese Journal of Arid Land Research*, **1** (2), 135-142. [or 1986. ** *20th International Symposium on Remote Sensing of Environment*, Nairobi, 4-10 December, 827-835

Mainguet, M. and Chemin M.-C. 1989. The concept of a sandy-aeolian sediment budget applied to the sand deposits of the Sahara and Sahel taken as a unit in the analysis of the surface shape types of the "Grands Ergs oriental and occidental", *Selected Papers of the ISEUNRAA*, August 7-13. 1985. Urumqi, China, Science Press, Beijing, 106-121. [dune

Mainguet, M., Chemin, M.-C. and Borde, J.M. 1983. Etude du rôle des obstacles topographiques dans la circulation éolienne d'après les images satellitaires et les photographies aériennes, de l'échelle continentale à celle de la butte témoin, *Méditerranée Télédétection*, **III**, 11-19. [dune

Mainguet, M., Chemin, M.-C. and Mozet, M.P. 1983. Analyse des causes de la désertification due au vent dans les oases du Sud Marocain, in *Milieus naturels et espaces humains autour de la Méditerranée, Hommage à René Raynal*, **II**, 111-120. [dnuse

Mainguet, M. and El-Baz, F. 1986. Deciphering wind directions from dune orientations in space images of deserts and semi-arid lands, *Proceedings of the 20th International Symposium on Remote Sensing of Environment*, Nairobi, 4-10 December, **1**, 235-254.

Mainguet, M. and Guy, M. 1974. Apport des images par satellites météorologiques NOAA 3 dans l'observation des grands courants de matériels éoliens, et dans les relations de dépendance des ergs au Sahara, *Photo-Interpretation*, **4**, 23-52. [sdmo dune

Mainguet, M. and Jacqueminet, C. 1984. Le Grand Erg Occidental et le Grand Erg Oriental. Classification des dunes, balance sédimentaire et dynamique d'ensemble, *Travaux de l'Institut de Géographie de Reims*, **56-90**, 29-48.

Mainguet, M. and Vimeux-Richeux, M. 1981. Autochtonie et allochtonie des sables éoliens. Etude des minéraux lourds de la couverture sableuse du Niger, *Comptes rendus de l'Académie des Sciences, Paris, Série 2*, **292**, 1437-1440. [dune sand abstract in Busche *et al.*, 1984 or ser 3 ?

Mainguet, M., Vimeux-Richeux, M. and Chemin, M.-C. 1983. Autochthone et allochthone des sables de la zone saharo-sahélienne du Niger, *Revue de Géographie physique et de Géologie dynamique*, **24** (2), 167-175. [dune sand

Maiti, D. and Thomas, Y.-F. 1975. *Interaction du vent et des plantes en zone dunaire littoral*, *Mémoire*,

28, Laboratoire de Géomorphologie de l'Ecole pratique des hautes Etudes, 59 pp. [sdmo abstract in Busche *et al.*, 1984

Majdanowski, S. 1958. Les problèmes climatiques de périodes de dunes par rapport aux variations glaciaires et postglaciaires de la circulation atmosphérique générale dans l'Europe centrale, (Polish, French abstract), in *Wydmy srodladowe Polske. 1*, Ed. Galon, R., PWN, Warszawa, 33-51. [stbdn

Makawi, A.A.M. 1969. The effect of sand dune stabilization and afforestation on the population of soil microorganisms, *Zeitschrift für Kulturtechnik und Flurbereinigung*, **20** (3), 129-134. [abstract in Busche *et al.* 1984 dnecol dnsol

Malakouti, M.J. 1978. *Effect of eight grasses on sand movement by wind in the Sand Hills of western Nebraska*, unpublished dissertation** dissertation abstracts International **B 38** (8), 7732129, ** [sdmo dnuse dnveg abstract in Busche *et al.*, 1984

Malakouti, M.J., Lewis, D.T. and Stubbendiek, J. 1978. Effect of grasses and soil properties on wind erosion in sand blowouts, *Journal of Range Management*, **31** (6), 417-420. [dnuse stbdn dnveg dnsol abstract in Busche *et al.*, 1984

Malakowski, S. 1912. Die Sanddünen der Gegend von Sadowne Gouv. Siedlce (Polish, German abstract), *Kosmos*, **37**, 419-434. [stbdn also in (1913) *Sprawozdania Komisji Fizygeograficznej PAU*, **47**, 91-99. **or malkowski ??**

Malakowski, S. 1914. Über die jetzt entstehenden inländischen Parabolsanddünen der Umgebung von Szczakowa (Polish, German abstract), *Kosmos*, **39**, 33-41. [stbdn

Malakowski, S. 1917. Les dunes anciennes des environs de Varsovie (Polish, French abstract), *Prace Towarzystwa Nauk, Warszawskiego*, **23**, 46 pp. [stbdn or **3** (23) ?? same as: *Travaux de la Société des Sciences et de Lettres de Varsovie*, **3** (23), **

Malakowski, S. and Lencewicz, S. 1953. *The inland dunes of Poland* (in Polish), Geological Editions, Warsaw, ** [stbdn

Malde, H.E. 1955. Surficial geology of the Louisville quadrangle, Colorado, *Bulletin of the United States Geological Survey*, **996-E**, 217-259. [stbdn

Malde, H.E. and von Horn, R. 1965. The stratigraphy and geomorphology of the non-glaciated Quaternary deposits between Boulder and Golden, Colorado, *Guidebook to Excursions, Trip 8*, International Quaternary Research Association (INQUA), International Congress **II**, 40-47. [stbdn

Malhotra, S.P., Singh, P. and Sen, M.L.A. n.d. *Operational research projects*, Division of Extension and Training, Central Arid Zone Research Station, Jodhpur, 20 pp. [dnuse

Malin, M.C. and Eppler, D.B. 1981. Eolian processes in Iceland's cold desert (abstract), *Reports of Planetary Geology Program*, **TM-84211**, National Aeronautics and Space Administration (NASA), Washington, DC, 247-248. [dune

Mallick, D.I.J., Habgood, F. and Skinner, A.C. 1981. *A geological interpretation of Landsat imagery and air photography of Botswana*, *Overseas Geology and Mineral Resources*, **56**, 35 pp. [dune stbdn

Malloch, A. 1985. Plant communities on British sand dunes: the National Vegetation Classification, in *Focus on Nature Conservation*, **13**, Ed. Doody, P., Nature Conservancy Council, Peterborough, 57-96. [codn dnveg

Malloch, A.J.C. 1989. Plant communities of the British sand dunes, *Proceedings of the symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 53-74. [codn dnveg

Mallory-Steele, B.A. 1982. *The depositional environment and petrology of the White Rim Sandstone Member of the Permian Cutler Formation, Canyonlands National Park, Utah, United States Geological Survey, Open-File Report*, **82-204**, 85 pp. [dnbed]

Maloney, J.F. 1982. Sand mountain, the dune that booms, *Nevada*, **42** (3), 8-11. [singing sand]

Maman'in, A.N. 1979. Primitive soils on the sands of northern Kazakhstan, *Soviet Soil Science*, **11** (4), 402-410. [dnsol abstract in Busche *et al.*, 1984]

Manent, L.S. and El-Baz, F. 1980. Effects of topography on dune orientation in the Farafra region, Western Desert of Egypt: implications to Mars, *Reports of Planetary Geology Program*, **TM-82385**, National Aeronautics and Space Administration (NASA), Washington, DC, 298-300.

Manger, L.O. 1981. *The sand swallows our land: overexploitation of productive resources and the problem of household viability in the Kheiran, a Sudanese oasis*, Department of Social Anthropology, University of Bergen, Norway, ** [dnuse]

Manikowska, B. 1969. Fossil soil from Alleröd interstadial on background of deposits of waning phase of the Würm in _odz region, in *Procesy i formy wydmowe w Polsce*, Ed. Galon, R., *Prace Geograficzne*, **75**, Instytut Geografii, Polskiej Akademii Nauk, 289-326. [stbdn dnsol]

Manikowska, B. 1977. The development of soil cover in the Late Pleistocene and the Holocene in the light of fossil soils from dunes in central Poland, *Quaestiones Geographicae*, **4**, 109-130. [dnsol]

Manikowska, B. 1985. *On the fossil soils, stratigraphy and lithology of the dunes in central Poland (in Polish)*, *Acta Geografica, _odz*, **52**, 137 pp. [stbdn dnsol]

Manikowska, B. 1986. Sol fosile de la transition Pléistocène-Holocène dans les dunes continentales de la Pologne centrale, *Biuletyn Peryglacjalny*, **31**, 199-211. [stbdn dnsol]

Mann, H.S., Lahiri, A.N. and Pareek, O.P. 1976. A study on the moisture availability and other conditions of unstabilised dunes in the context of present land use and future prospects of diversification, *Annals of Arid Zone*, **15** (4), 270-284. [dune dnuse dnhyd dnsol]

Manohar, M. and Bruun, P. 1970. Mechanics of dune growth by sand fences, *Dock and Harbour Authority*, **51**, 243-252. [dnuse codn abstract in Busche *et al.*, 1984]

Mantz, P.A. 1977. Incipient transport of fine grains and flakes by fluids - extended Shields diagram, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **103** (HY6), 601-615. [sdmo]

Mantz, P.A. 1983. Semi-empirical correlations for fine and coarse cohesionless sediment transport, *Proceedings of the Institute of Civil Engineers*, **75** (1), 1-33. [sdmo]

Marathe, A.R., Rajaguru, S.N. and Lele, V.S. 1977. On the problem of the origin and age of miliolite rocks of the Hiran Valley, Saurashtra, western India, *Sedimentary Geology*, **19**, 197-216. [dnbed]

Mardosiene, D. 1986. The results of permanent investigation of the coastal dunes on the Baltic coast (in Russian), *Nauc. Trudy Vis. Uceb. Zaved. Lit. SSR, Geogr.*, **22**, 87-90. [codn]

Mardosiene, D. 1988. Dynamics of high dunes in the Kursiu Nerija (in Lithuanian), *Geografinis Metrastis*, **24**, 114-119. [codn dune]

Mardosiene, D. and Vajnauskas, V. 1984. Study of the dynamics of dunes on the Kurshian Spit by cartometrical methods (in Russian), in *Geographia Lituanica*, Eds. Basalykas, A. and Tamosaitas, J., Collected Papers for the **25th** International Geographical Congress, *Geografinis Metrastis*, **21**, 52-57. [codn dune]

- Maréchal, R. and Maarlveld, G.C. 1955. L'extension des phénomènes périglaciaires en Belgique et aux Pays-Bas, *Mededelingen van de Geologische Stichting*, NS, **8**, 77-86. [stbnd]
- Mares, P. 1894. Note sur les mouvements des dunes et les mouvements du sable à leur surface, *Annales de la Société météorologique de France*, **12**, 284. [sdmo]
- Mares, R. 1963. Reprofilage des dunes littorales par les moyens mécanique, *Revue forestière française*, **15** (5), 378-386. [dnuse codn abstract in Busche *et al.*, 1984]
- Margolis, S.V. and Krinsley, D.H. 1971. Submicroscopic frosting on eolian and subaqueous quartz sand grains, *Bulletin of the Geological Society of America*, **82** (12), 3395-3406. [sand]
- Margolis, S. and Krinsley, D.H. 1974. Processes of formation and environmental occurrence of micro-features on detrital quartz grains, *American Journal of Science*, **274** (5), 499-464. [sand]
- Marker, M.E. 1976. Aeolianite: Australian and South African deposits compared, *Annals of the South African Museums*, **71**, 115-124. [dnbed codn]
- Marker, M.E. 1979. The geomorphological significance of some central Namib materials, *Journal of the South West African Scientific Society*, **34-35**, 49-55. [sand]
- Maroney, D.G. and Swineheart, J.B. 1978. Middle Holocene large-scale dune development in the Nebraska Sand Hills (abstract), *Geological Society of America, Abstracts with Program*, **10** (7), 450. [stbnd]
- Marqués, M.A. and Julia, R. 1988. St.Pierre Pescador beach-dune interaction, in *Dune / beach interaction*, Ed. Psuty, N.P., *Journal of Coastal Research, Special Issue*, **3**, 57-61. [codn]
- Marrs, R.W. 1982. Teledetective studies in eolian morphology and climatic history of the Rocky Mountain region: a synoptic overview, *Proceedings of the 35th Annual Meeting, Rocky Mountain Section of the Geological Society of America*, Bozeman, May 7-8. [dune]
- Marrs, R.W. and Gaylord, D.R. 1982. Techniques for interpretation of windflow characteristics from eolian landforms, *Geological Society of America, Special Paper*, **192**, 3-17. [dune]
- Marrs, R.W. and Kolm, K.E., Eds. 1982a. Interpretation of windflow characteristics from eolian landforms, *Geological Society of America, Special Paper*, **192**, 109 pp. [dune]
- Marrs, R.W. and Kolm, K.E., Eds. 1982b. Interpretation of eolian processes and windflow patterns from eolian landforms: an introduction, in *Interpretation of windflow characteristics from eolian landforms*, Eds. Marrs, R.W. and Kolm, K.E., *Geological Society of America, Special Paper*, **192**, 1-3. [dune]
- Marrs, R.W., Kolm, K.E., Gaylord, D.R., Marwitz, J. and Dawson, P. 1977. *Locating areas of high wind-energy potential by remote sensing of eolian geomorphology and topography, Technical Report, RL0/2343-77/1*, United States Department of Energy, 61 pp. [dune]
- Marsal, D. 1950. Über Windtransport von Kies in Wüstengebieten, II. Theoretische Überlegeunegn und experimentelle Untersuchungen, *Neues Jahrbuch der Geologie und Paläontologie*, ** 295-304. [sdmo ripples abstract in Busche, *et al.* 1984]
- Marsh, G.P. 1864. *Man and nature: or physical geography as modified by human action*, Sampson Low, London, 560 pp. [dune 1965 Edition, Eds. Lowenthal, D., Belknap, Cambridge, MA; Chapter V: The Sands 382-466, in reprint of 1965, Ed. Lowenthal, D.; dnuse enph geog j 5 mar abstract in Busche *et al.*, 1984]
- Marsh, W.M. and Marsh, B.D. 1987. Wind erosion and sand dune formation on high Lake Superior bluffs, *Geografiska Annaler*, **A 69** (3-4), 379-391. [codn]

Marshall, A. 1972. 'Desert' becomes 'Downs': the impact of a scientific discovery, *Australian Geographer*, **12** (1), 23-34. [dnuse dnsol]

Marshall, J.K. 1971. Drag measurements in roughness arrays of varying density and distribution, *Agricultural Meteorology*, **8**, 269-292. [sdmo abstract in Busche *et al.*, 1984]

Marshall, J.R., Ed. 1987. *Clastic particles: scanning electron microscopy and shape analysis of sedimentary and volcanic clasts*, Van Nostrand Reinhold, New York, 346 pp. [sand]

Marshall, J.R., Bougan, S. and Greeley, R. 1984. Venus: simulations of aeolian bedforms and comparisons with terrestrial aeolian and subaqueous forms, *EOS, American Geophysical Union*, **65**, 982. [dune dunelog]

Marshall, J.R., Krinsley, D.H. and Greeley, R. 1981. An experimental study of the behaviour of electrostatically-charged fine particles in atmospheric suspension, *Technical Memorandum*, **84211**, National Aeronautics and Space Administration (NASA), Washington, DC, 208-210. [sdmo]

Marsland, P.S. and Woodruff, J.G. 1937. A study of the effects of wind transportation on grains of several minerals, *Journal of Sedimentary Petrology*, **7** (1), 18-30. [sdmo sand]

Marston, J. 1987. *The role and magnitude of eolian processes in the barrier island environment*, unpublished Ph.D. dissertation, Rutgers University, ** [sdmo codn]

Marston, R.A. and Schmidt, R.H.Jr. 1981. Geomorphic parameters of the Los Medaños de Samalayuca, Chihuahua, Mexico, in *Geology of the border, southern New Mexico - northern Chihuahua*, Eds. Hoffer, J., *et al.*, El Paso Geological Survey, Texas, 22-25. [dune]

Marsz, A. 1963. The relation between Leba dunes and the recent sea-bottom abrasion (Polish, English abstract), *Sprawozdania Poznanskie Towarzystwo Przyjaciół Nauk*, **3**, 333-334. [codn]

Marsz, A. 1966. Geneza Wydm _ebskich w swietle wspolczesnych procesow brzegowych, *Poznanskie Towarzystwo Przyjaciół Nauk, Prace Komisji Geograficzno-Geologicznej*, **4**, 1-68. [codn genesis of the _eba dunes in the light of contemporaneous beach processes]

Marsz, A. 1972a. The dunes on the _eba Bay bar. Problem of the origin of the material building the _eba dunes, in *Guidebook of the excursion, September 24-26*, Ed. Galon, R., *Subcommission on Shorelines in Northwestern Europe*, International Quaternary Research Association (INQUA), Conference, Torun, 32-35. [codn]

Marsz, A. 1972b. Archaeological findings on the _eba Bay bar, in *Guidebook of the excursion, September 24-26*, Ed. Galon, R., *Subcommission on Shorelines in Northwestern Europe*, International Quaternary Research Association (INQUA), Conference, Torun, 39-40. [codn]

Marsz, A. 1972c. Problematics of the origin of the dune transformations on the _eba Bay bar, in *Guidebook of the excursion, September 24-26*, Ed. Galon, R., *Subcommission on Shorelines in Northwestern Europe*, International Quaternary Research Association (INQUA), Conference, Torun, 40-41. [codn]

Marsz, A. 1972d. Characteristics of the dunes on the _eba Bay bar, in *Guidebook of the excursion, September 24-26*, Ed. Galon, R., *Subcommission on Shorelines in Northwestern Europe*, International Quaternary Research Association (INQUA), Conference, Torun, 35-37. [codn]

Marta, M.D. 1958. Coastal dunes: a study of the dunes at Vera Cruz, *Proceedings of the 6th International Coastal Engineering Conference*, American Society of Civil Engineers, New York, 52. [codn]

Martin, D.L. and Nairn, A.E.M. 1975. The wind directions of the Pleistocene dunes near Essaouira, Morocco, *Palaeogeography, Palaeoclimatology, Palaeoecology*, **17** (2), 173-176. [codn]

- Martin, E. 1988. Relationship between dune formation and Baltic Sea transgression in Estonia, in *The Baltic Sea*, Ed. Winterhalter, B., *Special Paper*, **6**, Geological Survey of Finland, 79-85. [codn
- Martin, E.M. and Clements, F.E. 1939. *Factors and functions in coastal dunes. 1. Of "Adaptation and origin in the plant world"*, *Publication*, **521**, Carnegie Institute of Washington, ** [codn dnveg
- Martin, H. 1950. Südwestafrika, *Geologische Rundschau*, **38**, 6-14. [dune
- Martin, L., Boas, G.V., Bittencourt, A. and Flexor, J.M. 1979/80. Origine des sables et âges des dunes de la région de Salvador, Brésil, *Cahiers, Série Géologie*, **11** (1), Office de la Recherche scientifique et technique de l'Outre Mer (ORSTOM), Paris, 125-132. [codn
- Martin, S. 1979. *Der äolische Formenschatz in den Trockengebieten des indischen Subkontinents*, Staatsarbeit am geographischen Institut der Universität Würzburg, 120 pp. [dune very brief abstract in Busche *et al.*, 1984
- Martini, I.P. 1981. Coastal dunes of Ontario: distribution and geomorphology, *Géographie physique et quaternaire*, **35**, 219-229. [codn or *et al.* or 1982 ??
- Martins, F. 1989. Morphology and management of dunes at Leiria District, Portugal, in *Perspectives in coastal dune management*, Eds. van der Meulen, F. Jungerius, P.D. and Visser, J., SPB Academic, The Hague, 1-9. [codn dnuse
- Martins, L.R. 1965. Significance of skewness and kurtosis in environmental interpretation, *Journal of Sedimentary Petrology*, **35** (3), 768-770. [sand
- Martins, L.R. 1967. Aspectos texturais e deposicionais do sedimentos praias e eolicas da planicie costeira do Rio Grande do Sul, *Escola de Geologia, Rio Grande do Sul, Fed. Univ. Spec. Pub.*, **13**, 102 pp. [sand dnbed codn
- Maruszczak, H. 1958. The dunes of the Lublin Plateau and environs (Polish, French summary), in *Wydmny srodladowe Polski*, **II**, Ed. Galon, R., PWN, Warszawa, ** [stbdn
- Maruszczak, H. 1964. Problème de l'action éolienne dans la periglaciaire pléistocène à la lumière des indices granulométrique, *Biuletyn Peryglacjalny*, **14**, 257-273. [stbdn sand abstract in Niessen, *et al.* 1984
- Maruszczak, H. and Tremaczowski, J. 1960. Attempt at comparing continental dunes of the Widen region, Bulgaria, with dunes of the Lublin plateau (in Polish), *Czasopismo Geograficzne*, **31** (2), 163-177. [stbdn
- Marx, H. and Faure, P.D. 1964. Stabilisation of desert sand using cut-back bitumen, *Civil Engineering in South Africa*, **6**, 199-208. [dnuse glue
- Marzolf, J.E. 1983. Changing wind patterns and hydrologic regimes during deposition of the Navajo and Aztec Sandstones, Jurassic (?), in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 635-660. [dnbed
- Marzolf, J.E. 1988. Controls on Late Palaeozoic and Early Mesozoic eolian deposition of the western United States, *Sedimentary Geology*, **56** (1-4), 167-192. [dnbed
- Ma'shum, M. and Farmer, V.C. 1985. Origin and assessment of water repellency of a sandy South Australian soil, *Australian Journal of Soil Research*, **23** (4), 623-626. [dnsol dnhyd
- Ma'shum, M., Tate, M.E., Jones, G.P. and Oades, J.M. 1985. Extraction and characterisation of water-repellent materials from Australian soils, *Journal of Soil Science*, **39** (1), 99-109. [dnhyd dnsol
- Masowski, W. and Tremaczowski, J. 1968. Dune sands of southern periphery of the Great Lakes region of western Mongolia (in Polish), *Annales Universitatis Mariae Curie Sklodowska*, **20**, 55-88. [abstract in Busche *et al.*, 1984

- Mason, C.C. 1973. Topographic control of mid-latitude Martian eolian deposits (abstract), *Eos*, **54** (4), 348. [dune]
- Mason, C.C. and Folk, R.L. 1958. Differentiation of beach, dune and eolian flat environments by size analysis, Mustang Island, Texas, *Journal of Sedimentary Petrology*, **28** (2), 211-226. [sand]
- Mason, G.-M. 1951. L'emploi des murs anti-sable ou "draa" sur les pistes du Sahara septentrional, *Annales de Géographie*, **60**, 127-128. [dnuse]
- Massart, J. 1908. Géographie botanique des districts littoraux et alluviaux de la Belgique, *Rec. de l'Institut botanique Leo Errera*, **7**, 167-584. [codn dnveg]
- Mast, R.F. and Potter, P.E. 1963. Sedimentary structures, sand shape fabrics and permeability. II., *Journal of Geology*, **71** (5), 548-565. [dnbed]
- Masursky, H. 1962. *Uranium-bearing coal in the eastern part of the Red Desert area, Wyoming*, *Bulletin of the United States Geological Survey*, **1099-B**, 152 pp. [stbdn]
- Matchinski, M. 1951. Sur la structure du vent et sur les phénomènes secondaires ("wind marks" sur le sable et sur la neige etc.) qu'elle provoque, *Comptes rendus de l'Académie des Sciences, Paris*, **233**, 580-582. [dune ripples]
- Matchinski, M. 1952a. Sur les formations sableuses des environs de Beni-Abbès, *Comptes rendus de la Société géologique de la France*, **9-10**, 171-174. [dune]
- Matchinski, M. 1952b. Système de tourbillons sujets à certaines conditions de minima: application à la formation des rides éoliennes, des dunes etc., *Annales de Géophysique*, **8** (4), 402-442. [ripple]
- Matchinski, M. 1954. Stabilità delle dune del Sahara, *Servizio Geologico d'Italia, Bollitino*, **55**, 579-592. [or **75** (2) ** 1953 ??]
- Matchinski, M. 1955. La formation des dunes dans les déserts, *La Nature*, **3241**, 169-175. [or 1953 ??]
- Mather, A.S. 1979. Physiography and management of coastal dune systems in the Scottish Highlands and Islands, in *Les côtes atlantiques d'Europe: évolution, aménagement, protection*, Ed. Guilcher, A., *Publication du Centre national pour l'Exploration des Océans (CNEXO), Act. Coll.*, **9**, 251-260. [codn]
- Mather, A.S. 1980. Man and machair in the nineteenth century, in *Sand dune machair*, **3**, Ed. Ranwell, D.S., Institute of Terrestrial Ecology, Norwich, 12-13. [dnuse codn dnveg]
- Mather, A.S. and Ritchie, W. 1978. *The beaches of the Highlands and Islands of Scotland*, Countryside Commission for Scotland, Perth, 201 pp. [codn dnuse or 1977 ?? TPL r 96 mat]
- Mather, A.S., Ritchie, W. and Crofts, R. 1973. Highland sand lands, *Geographical Magazine*, **45**, 863-867. [codn dnuse]
- Mather, A.S., Smith, J.S. and Ritchie, W., 1975. *Beaches of the northern Inner Hebrides*, University of Aberdeen, ** [codn dnuse]
- Mather, K.B. 1963. Why do roads corrugate ? *Scientific American*, **208** (1), 128-136. [dunelog]
- Mathewson, C., Stinson, J.E.III and Clary, J.H. 1976. Aeolian processes and engineering construction in the coastal zone (abstract), in *Onshore and offshore problems, hazards and environmental complications, Annual Meeting*, **19**, Association of Engineering Geologists, 22. [dnuse codn]
- Mathon, C.C. 1969. Ecological observations on the community of plants on the dunes of the coast of the

Baltic Sea in the Gdańsk voivodship (in Polish), *Fragmenta Floristica Geobotanica*, Cracow, **15**, 77-84. [dnveg]

Matsuda, A., Kamichika, M. and Nishimura, S. 1980. Some aspects of wind force and sand movement in the Tottori sand dune (in Japanese), *Sand Dune Research*, **27** (2), 49-56.

Matsukura, Y. 1977. A study of aeolian bedforms in Enshunada Beach, Shizuoka Prefecture, central Japan: their configurations and criteria of formation, *Geographical Review of Japan*, **50**, 402-419. [codn]

Matthews, B. 1969. Report on a field meeting in the Vale of York, in *The arable sandlands of the Vale of York*, Ed. Askew, G.P., *Proceedings of the North of England Soils Discussion Group*, **5**, 29-47. [stbdn dnsol]

Matthews, B. 1970. Nature and origin of aeolian sand in the Vale of York, *Nature*, **227** (5264), 1234-1236. [stbdn abstract in Niessen, *et al.* 1984]

Mattox, R.B. 1955. Eolian shape sorting, *Journal of Sedimentary Petrology*, **25** (2), 111-114. [sand]

Mattsson, J.O. 1976. Wind-tilted pebbles in sand - some field observations and simple experiments, *Nordic Hydrology*, **7** (3), 181-208. [sdmo abstract in Busche *et al.*, 1984]

Maud, R.R. 1968. Quaternary geomorphology and soil development in coastal Natal, *Zeitschrift für Geomorphologie, Supplement Band*, **7**, 155-199. [codn dnsol]

Maude, A.D. and Whitmore, R.L. 1958. A generalised theory of sedimentation, *British Journal of Applied Physics*, **9**, 477-482. [sdmo]

Maun, M.A. 1984. Colonizing ability of *Ammophila brevigulata* through vegetative regeneration, *Journal of Ecology*, **72** (2), 565-574. [codn dnveg]

Maun, M.A. 1985. Population biology of *Ammophila brevigulata* and *Calamovilfa longifolia* on Lake Huron sand dunes. I. Habitat, growth form, reproduction and establishment, *Canadian Journal of Botany*, **63** (1), 113-124. [codn dnveg]

Maun, M.A. and Baye, P.R., 1989. The ecology of *Ammophila brevigulata* **, *CRC Critical Reviews in Aquatic Sciences*, **1**, 661-681. [dnveg codn]

Maun, M.A. and Krajnyk, I. 1989. Stabilization of Great lakes sand dunes – effect of planting time, mulches and fertilizers on seedling establishment, *Journal of Coastal Research*, **5** (4), 791-800 [codn dnveg]

Maun, M.A. and Lapierre, J. 1984. The effects of burial by sand on *Ammophila breviligulata*, *Journal of Ecology*, **72** (3), 827-839. [codn dnveg]

Mauriello, M.N. and Halsey, S.D. 1987. Dune building on a developed coast: Lavallette, NJ, *Coastal Zone '87*, American Society of Civil Engineers, New York, 762-779. [codn dnuse]

Mavlyanov, G.A. and Tetyukhin, G.F., Eds. 1982. The Uzbek SSR, in *Guidebook for Excursions A-11 and C-11, 11th Congress*, International Quaternary Research Association (INQUA), Moscow, 1-31. [dune]

Maxwell, T.A. 1982. Sand sheet and lag deposits in the southwestern desert, in *Desert landforms of southwest Egypt: a basis for comparison with Mars*, Eds. El-Baz, F. and Maxwell, T.A., *Contractors Report*, **CR-3611**, National Aeronautics and Space Administration (NASA), Washington, DC, 157-174. [dune]

Maxwell, T.A. 1987. Dune movement and sand transport in the Bahariya Depression, western Egypt, in *Summary volume on remote sensing and resource exploration*, Eds. El-Baz, F. and Hassan, M.H.A., **, Trieste.

Maxwell, T.A. and Haynes, C.V.Jr. 1989. Large-scale, low amplitude bedforms (chevrons) in the Selima Sand Sheet, *Science*, **243** (4895), 1179-1182. [sdmo dune

Maxwell, T.A. and Jacobberger, A.P. 1987. Remote sensing observations of sand movement in the Bahariya Depression, western Egypt, *Proceedings of the 20th International Symposium on Remote Sensing of Environment*, Nairobi, **3**, Ed. Cook, J.J., Environmental Research Institute, Ann Arbor, 721-729. [sdmo dune

Maxwell-Darling, R.C. 1945. The changing flora of the Kordofan sands, *Sudan Notes and Records*, **26**, 197-198. [dnveg

May, L.A. 1973. Geological reconnaissance of the Gran Desierto region, northwestern Sonora, Mexico, *Journal of the Arizona Academy of Science*, **8**, 158-169. [dune

May, V.J. 1985. The supply of sediment to sand dunes, in *Focus on Nature Conservation*, **13**, Ed. Doody, P., Nature Conservancy Council, Peterborough, 21-28. [codn

Mazor, E. 1982. Rain recharge in the Kalahari - a note on some approaches to the problem, *Journal of Hydrology*, **55** (1-4), 137-144. [dnhyd abstract in Busche *et al.*, 1984

Mazor, E., Verhagen, V.Th., Sellschop, J.P.F., Jones, M.T., Robins, N.E., Hutton, L. and Jennings, C.M.H. 1977. Northern Kalahari groundwaters: hydrologic, isotopic and chemical studies at Orapa, Botswana, *Journal of Hydrology*, **34** (3-4), 203-234. [dnhyd

Mazzullo, J.M. and Ehrlich, R. 1983. Grain shape variation in the St. Peter sandstone: a record of eolian and fluvial sedimentation in an Early Palaeozoic cratonic sand sheet, *Journal of Sedimentary Petrology*, **53** (1), 105-119. [sand

Mazzullo, J.M. and Magenheimer, S. 1987. The original shapes of quartz sand grains, *Journal of Sedimentary Petrology*, **57** (3), 479-487. [sand

Mazzullo, J.M., Sims, D. and Cunningham, D. 1986. The effects of eolian sorting and abrasion upon the shapes of fine quartz sand grains, *Journal of Sedimentary Petrology*, **56** (1), 45-56.

McArthur, D.S. 1986. Derivatives and Fortran subroutines for a least-squares analysis of the hyperbolic distribution, *Mathematical Geology*, **18** (5), 441-450. [sand

McArthur, D.S. 1987. Distinctions between grain-size distributions of accretion and encroachment deposits in an inland dune, *Sedimentary Geology*, **54** (1-2), 147-164. [sand dnbed

McArthur, W.M. 1982. *Quaternary landscape history as shown by the coastal dunes of southwestern Australia*, Commonwealth Scientific and Industrial Organization (CSIRO), Division of Land Resources Management, Wembley, Western Australia, 126 pp. [codn or MacArthur ?? abstract in Busche *et al.*, 1984

McArthur, W.M. and Bettenay, E. 1960. Development and distribution of soils of the Swan coastal plain (West Australia), *Soil Publication*, **16**, Commonwealth Scientific and Industrial Organization (CSIRO), ** pp. [dnsol

McAttee, J.W. and Drawe, D.L. 1980. Human impact on beach and foredune vegetation and microclimate of North Padre Island, Texas, *Environmental Management*, **4**, 527-538. [dnuse codn dnveg

McBean, C.W. 1988. Land classification in the Wahiba Sands using remote sensing, in *Scientific results of the Royal Geographical Society's Oman Wahiba Sands project*, Ed. Dutton, R., *Journal of Oman Studies, Special Report*, **3**, 33-46. [dune

McBride, E.F. and Hayes, M.O. 1962. Dune cross-bedding on Mustang island, Texas, *Bulletin of the American Association of Petroleum Geologists*, **46** (4), 546-551. [dnbed

- McCann, S.B. 1979. Barrier islands in the southern Gulf of St. Lawrence, in *Barrier islands*, Ed. Leatherman, S.P., Academic Press, New York, 29-63. [codn]
- McCann, S.B. and Byrne, M.-L. 1989. Stratification models for vegetated coastal sand dunes in Atlantic Canada, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H. Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 203-215. [dnbed codn]
- McCarthy, M.J. 1967. Stratigraphical and sedimentological evidence from the Durban region of major sea-level movements since the Late Tertiary, *Transactions of the Geological Society of South Africa*, **70**, 135-166. [codn]
- McCauley, J.F. and Breed, W.J. 1980. Topographically controlled dune systems on Earth and Mars, (abstract), in *Aeolian processes and landforms*, Eds. Wirth, P., Greeley, R. and D'Alli, R.E., *Reports of Planetary Geology Program*, **TM-81776**, National Aeronautics and Space Administration (NASA), Washington, DC, 255-256.
- McCauley, J.F., Breed, C.S., Cotera, A.S., Gray, M., Axelrod, R. and Johnson, A.P. 1980. Climbing and falling dunes in the Painted Desert of Arizona: comparison with Mars (abstract), *Reports of Planetary Geology Program*, **TM-82385**, National Aeronautics and Space Administration (NASA), Washington, DC, ** [or McC, C.K. ??]
- McCauley, J.F., Breed, C.S. and Grolier, M.J. 1980. The Gilf Kebir and the Western Desert of Egypt: insights into the origin of the North Polar Erg on Mars (abstract), *Reports of Planetary Geology Program*, **TM-82385**, National Aeronautics and Space Administration (NASA), Washington, DC, 312-313. [dune]
- McCauley, J.F., Breed, C.S. and Grolier, M.J. 1981. The interplay of fluvial, mass-wasting and eolian processes in the eastern Gilf Kebir region, *Annals of the Geological Survey of Egypt*, **11**, 207-239. [dune]
- McCauley, J.F., Breed, C.S., Grolier, M.J. and Collins, P. 1979. The eolian features of the North Polar region of Mars (abstract), *2nd International Colloquium on Mars, Publication*, **CP-2072**, National Aeronautics and Space Administration (NASA), Washington, DC, 54 pp. [dune]
- McCauley, J.F. and Cotera, A.S. 1978. Eolian deposits of Paiute Trail Point, Arizona, in *Abstracts for planetary geology field conference on aeolian processes*, Eds. Greeley, R. and Black, D., *Publication*, **TM-78455**, National Aeronautics and Space Administration (NASA), Washington, DC, 33-34. [dune or McC, C.K. ??]
- McCauley, J.F., Grolier, M.J., Breed, C.S., MacKinnon, D.J. and Billingsley, G.H. 1981. Field modelling of the response of desert surfaces to the long-short term effects of the wind: Mars application, *Technical Memorandum*, **TM-84211**, National Aeronautics and Space Administration (NASA), Washington, DC, 238-240. [dune sdmo]
- McCave, I.N., Bryant, R.J., Cook, H.F. and Coughanour, C.A. 1986. Evaluation of a laser diffraction size analyses for use with natural sediments, *Journal of Sedimentary Petrology*, **56**, 561-564. [sand]
- McCluskey, J.M., Nordstrom, K. and Rosen, P. 1983. *An eolian sediment budget for the south shore of Long Island, N.Y.* Prepared for the National Parks Service by the Center for Environmental Studies, Rutgers University, 78 pp. [codn]
- McConnel, R.B. 1959. Notes on the geology and geomorphology of the Bechuanaland Protectorate, *20th International Geological Congress, Actas*, Mexico, 175-186. [stbdn dune]
- McCoy, F.W.Jr., Nokleberg, W.G. and Norris, R.M. 1967. Speculations on the origin of the Algodones Dunes, southern California, *Bulletin of the Geological Society of America*, **78** (8), 1039-1044.
- McCrone, A.W. 1962. Clarification of the winnowing concept in geology (abstract), *Bulletin of the Geological Society of America*, **73** (4), 517-518. [sdmo sand]

McCullagh, M.J., Hardy, N. and Lockman, W.O. 1972. Formation and migration of sand dunes: a simulation of their effect on the sedimentary environment, in *Mathematical models of sedimentary processes*, Ed. Merriam, D.F., Plenum, London, 175-190. [geog d 66 mat dnbed abstract in Busche *et al.*, 1984

McCulloch, D.S. and Janada, R.J. 1964. Subaqueous river channel barchan dunes, *Journal of Sedimentary Petrology*, **34** (3), 694-695. [dunelog

McDonnell, M.J. 1981. Trampling effects on coastal dune vegetation in the Parker River National Wildlife Refuge, Massachusetts, USA, *Biological Conservation*, **21** (4), 289-301. [codn dnuse

McElroy, C.T. 1953. Successive profile development in sand dunes at Port Kembala, New South Wales, *Australian Journal of Science*, **16**, 112-115. [codn

McGhie, D.A. 1987. Non-wetting soils in Western Australia, *New Zealand Turf Management Journal*, November, 13-16. [dnsol dnhyd

McGill, J.T. 1958. Coastal landforms of the world, *Geographical Review*, **48** (3), 402-405. [codn

McIntire, W.G. and Morgan, J.P. 1963. *Recent geomorphic history of Plum Island, Massachusetts and adjacent coasts*, *Coastal Studies Series*, **8**, Louisiana State University, 44 pp. [codn

McKay, D., Constantopoulos, J., Prestei, D.J. and El-Baz, F. 1980. Thickness of coatings on quartz grains from the Great Sand Sea, Egypt, *Reports of Planetary Program*, **TM-82385**, National Aeronautics and Space Administration (NASA), Washington, DC, 304-306. [sand

McKee, E.D. 1933. The Coconino Sandstone - its history and origin, *Publication*, **440**, Carnegie Institute of Washington, 78-125. [or '34 ?? dnbed or 77-115 ??

McKee, E.D. 1934. An investigation of the light-colored, cross-bedded sandstones of the Canyon de Chelly, Arizona, *American Journal of Science*, (5th series **28**), **227** (165), 219-233. [dnbed

McKee, E.D. 1938. Structures in modern sediments aid in interpreting ancient rocks, *Publication*, **501**, Carnegie Institute of Washington, 683-694. [dnbed

McKee, E.D. 1940. Three types of cross-lamination in Palaeozoic rocks of northern Arizona, *American Journal of Science*, **238** (11), 811-824. [dnbed

McKee, E.D. 1943. Some stratigraphic principles illustrated by Palaeozoic deposits of northern Arizona, *American Journal of Science*, **241** (2), 101-108. [dnbed

McKee, E.D. 1944. Tracks that go uphill, *Plateau*, **16**, 61-72. [dnbed

McKee, E.D. 1945. Small-scale structures in Coconino sandstone of northern Arizona, *Journal of Geology*, **53** (5), 313-325. [dnbed

McKee, E.D. 1947. Experiments on the development of tracks in fine cross-bedded sand, *Journal of Sedimentary Petrology*, **17** (1), 23-28. [dnbed

McKee, E.D. 1954. *Stratigraphy and history of the Moenkopi Formation of Triassic age*, *Memoir*, **61**, Geological Society of America, 133 pp. [dnbed

McKee, E.D. 1957a. Primary structures in some recent sediments, *Bulletin of the American Association of Petroleum Geologists*, **41** (8), 1704-1742. [dnbed

McKee, E.D. 1957b. Flume experiments on the production of stratification and cross-stratification, *Journal of Sedimentary Petrology*, **27** (2), 129-134. [dnbed

- McKee, E.D. 1962. Origin of the Nubian and similar sandstones, *Sonderdruck aus der geologische Rundschau*, **52**, 551-587. [dnbed]
- McKee, E.D. 1964a. Problems in the recognition of arid and hot climates in the past, in *Problems in palaeoclimatology*, Ed. Nairn, A.E., Interscience, London, 267-337. [dnbed geol g 22 nai]
- McKee, E.D. 1964b. Inorganic sedimentary structures, in *Approaches to palaeoecology*, Eds. Imbrie, J. and Newell, N., John Wiley and Sons, New York, 275-295. [dnbed geol h 7 imb]
- McKee, E.D. 1965. Experiments with ripple lamination, in *Sedimentary structures and their hydrodynamic interpretation*, Ed. Middleton, G.V., *Special Publication*, **12**, Society of Economic Palaeontologists and Mineralogists, 66-83. [dnbed]
- McKee, E.D. 1966a. Structures of dunes at White Sands National Monument, New Mexico (and a comparison with structures of dunes from other selected areas), *Sedimentology*, **7** (1), 1-69. [dnbed]
- McKee, E.D. 1966b. Significance of climbing ripple marks, *United States Geological Survey, Professional Paper*, **550-D**, 94-103. [dnbed]
- McKee, E.D. 1969. Primary structures in dune sand and their significance (abstract), *Symposium on the Geology of Libya*, University of Libya, Faculty of Science, Tripoli, 13-14. [dnbed]
- McKee, E.D. 1974. An investigation of major sand seas in desert areas throughout the world, *Proceedings of the 3rd ERTS Symposium*, **1**, **SP-351**, National Aeronautics and Space Administration (NASA), Washington, DC, 655-679. [dune brief abstract in Busche *et al.*, 1984]
- McKee, E.D. 1975. Study of sand seas on a global scale: summary, in *Summaries, 10th International Symposium on Remote Sensing of Environment*, Ann Arbor, Michigan, **109**, 134. [dune]
- McKee, E.D. 1978. Interpreting dune deposits through minor structures, in *Abstracts for the planetary geology field conference on aeolian processes, Publication*, **TM-78455**, National Aeronautics and Space Administration (NASA), Washington, DC, 35-36. [dnbed]
- McKee, E.D., Ed. 1979a. *Continental arid climate lithogenesis*, *Sedimentary Geology*, **22** (1-2), 320 pp. [dnbed]
- McKee, E.D., Ed. 1979b. *A study of global sand seas*, *United States Geological Survey, Professional Paper*, **1052**, 429 pp. [dune abstract in Busche *et al.*, 1984]
- McKee, E.D. 1979c. Introduction to a study of global sand seas, in *A study of global sand seas*, Ed. McKee, E.D., *United States Geological Survey, Professional Paper*, **1052**, 1-19. [dune abstract in Busche *et al.*, 1984]
- McKee, E.D. 1979d. Sedimentary structures in dunes, in *A study of global sand seas*, Ed. McKee, E.D., *United States Geological Survey, Professional Paper*, **1052**, 83-113. [dnbed abstract in Busche *et al.*, 1984]
- McKee, E.D. 1979e. Ancient sandstones considered to be eolian, in *A study of global sand seas*, Ed. McKee, E.D., *United States Geological Survey, Professional Paper*, **1052**, 187-233. [dnbed brief abstract in Busche *et al.*, 1984]
- McKee, E.D. 1979f. Characteristics of the Upai Group in Grand Canyon, Arizona, in *Carboniferous stratigraphy in the Grand Canyon Country, Northern Arizona and Southern Nevada*, Eds. Bens, S.S. and Rawson, R.R., *Selected Guidebook Series*, **2**, American Geological Institute, 105-113. [dnbed]
- McKee, E.D. 1982a. Sedimentary structures in dunes of the Namib Desert, South West Africa, *Geological Society of America, Special Paper*, **188**, 64 pp. [dnbed]

McKee, E.D. 1982b. Eolian sand bodies of the world, in *International Symposium on Remote Sensing of Environment, 1st Thematic Conference: Remote Sensing of Arid and Semi-Arid Lands*, chairperson Cook, J.J., Environmental Research Institute of Michigan, Ann Arbor, Michigan, 75-82. [dune]

McKee, E.D. 1983. Eolian sand bodies of the world, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 1-25. [dune]

McKee E.D. and Bigarella, J.J. 1972. Deformational structures in Brazilian coastal dunes, *Journal of Sedimentary Petrology*, **42** (3), 670-681. [dnbed abstract in Busche *et al.*, 1984]

McKee E.D. and Bigarella, J.J. 1979. Sedimentary structures in dunes, in *A study of global sand seas*, Ed. McKee, E.D., *United States Geological Survey, Professional Paper*, **1052**, 83-139. [dnbed]

McKee, E.D. and Breed, C.S. 1974a. An investigation of major sand seas in desert areas throughout the world, in *Third Earth resources technology satellite-1 (ERTS) symposium*, **1**, Section A, Washington, DC, December 10-14, 1973, **SP-351**, National Aeronautics and Space Administration (NASA), Goddard Space Flight Center, Washington, DC, 665-679. [dune]

McKee, E.D. and Breed, C.S. 1974b. *A synthesis of sand seas throughout the world*, United States Geological Survey, Denver, Colorado, 95 pp. [dune]

McKee, E.D. and Breed, C.S. 1974c. Preliminary report on dunes, in *Skylab 4: visual observations project report, Technical Memorandum*, **TMS-58142**, National Aeronautics and Space Administration (NASA), Washington, DC, 9.1.-9.9.

McKee, E.D. and Breed, C.S. 1974d. *A study of the morphology, provenance and movement of desert sand seas in Africa, Asia and Australia*, *ERTS Report*, **E74-10187**, National Aeronautics and Space Administration (NASA), Washington, DC, 12 pp. [dune]

McKee, E.D. and Breed, C.S. 1976. Sand seas of the world, *United States Geological Survey, Professional Paper*, **929**, 81-88. [dune]

McKee, E.D. and Breed, C.S. 1977. Desert sand seas, in *Skylab explores the Earth*, Eds. Carr G.P., *et al.*, *Special Paper*, **SP-380**, National Aeronautics and Space Administration (NASA), Washington, DC, 5-48. [dune]

McKee, E.D., Breed, C.S. and Fryberger, S.G. 1979. Desert sand seas, in *Skylab explores the Earth*, Eds. Carr, G.P., *et al.*, *Special Publication*, **SP-380**, National Aeronautics and Space Administration (NASA), Washington, DC, 5-48. [dune]

McKee, E.D., Breed, C.S., Fryberger, S.G., Gebel, D. and McCauley, C.K. 1974. *A synthesis of sand seas throughout the world - Type III, Final Report for 1 July 1972 - 31 March 1974, Earth Resources Survey Program*, **NASA-CR-139266**, National Aeronautics and Space Administration (NASA), Goddard Space Flight Center, Greenbelt, MD, 95 pp. [dune date ??]

McKee, E.D., Breed, C.S. and Harris, L.F. 1973. A study of morphology, provenance and movement of desert sand seas in Africa, Asia and Australia, *Symposium on Significant Results Obtained from ERTS 1. 1 A*, National Aeronautics and Space Administration (NASA), Goddard Space Flight Center, MD, 291-303, *Progress Report*, 1 January - 30 June, Eds. Freden, S.C., Mercanti, E.P. and Becker, M.A., **1**, United States Geological Survey, Denver Colorado, 291-303, 6 pp. [geog d 50 sym dune same as: McKee, E.D., Breed, C.S. and Lawrence, F.H. 1973. ** *Paper G 8, Proceedings of the International Symposium on Remote Sensing of Environment*, Environmental Institute of Michigan, Ann Arbor, Michigan, 291-303. abstract in Busche *et al.*, 1984]

McKee, E.D. and Douglass, J.R. 1971. Growth and movement of dunes at White Sands national Monument, New Mexico, *United States Geological Survey, Professional Paper*, **750-D**, 108-114. [dune]

- McKee, E.D., Douglass, J.R. and Rittenhouse, S. 1971. Deformation of lee-side laminae in eolian dunes, *Bulletin of the Geological Society of America*, **82** (2), 359-378. [dnbed]
- McKee, E.D. and Moiola, R.J. 1975. Geometry and growth of the White Sands dune field, New Mexico, *United States Geological Survey, Journal of Research*, **3** (1), 59-66. [dune dnbed]
- McKee, E.D., Reynolds, M.A. and Baker, C.H.Jr. 1962a. Laboratory studies on deformation in unconsolidated sediments, in *Short papers in geology, hydrology and topography, United States Geological Survey, Professional Paper*, **450-D**, 151-155. [dnbed]
- McKee, E.D., Reynolds, M.A. and Baker, C.H.Jr. 1962b. Experiments on intraformational recumbent folds in crossbedded sand, in *Short papers in geology, hydrology and topography, United States Geological Survey, Professional Paper*, **450-D**, 155-160. [dnbed]
- McKee, E.D. and Tibbitts, G.C.Jr. 1964. Primary structures of a seif dune and associated deposits in Libya, *Journal of Sedimentary Petrology*, **34** (1), 5-17. [dnbed abstract in Busche *et al.*, 1984]
- McKee, E.D. and Ward, W.C. 1983. Eolian environment, in *Carbonate depositional environments*, Eds. Scholle, P.A., Bebout, D.G. and Moore, C.H., *Memoir* **33**, American Association of Petroleum Geologists, 131-170. [dune dnbed]
- McKee, E.D. and Weir, G.W. 1953. Terminology for stratification and cross-stratification in sedimentary rocks, *Bulletin of the Geological Society of America*, **64**, (4), 381-390. [dnbed]
- McKenna Neuman, C. 1983. *A combined theoretical and wind tunnel investigation of the effect of capillary water upon the threshold of movement of sand grains by wind*, unpublished M.Sc. dissertation, University of Guelph, ** [sdmo]
- McKenna Neuman, C. 1987. *Aeolian processes and landforms in South Pangnirtung Pass, southeast Baffin Island, N.W.T., Canada*, unpublished Ph.D. dissertation, University of Guelph, 235 pp. [dune ripple sdmo]
- McKenna Neuman, C. 1989. Kinetic energy transfer through impact and its role in entrainment by wind of particles from frozen surfaces, *Sedimentology*, **36** (6), 1007-1015. [sdmo]
- McKenna Neuman, C. and Gilbert, R. 1986. Aeolian processes and landforms in glaciofluvial environments of southeastern Baffin Island, N.W.T., in *Aeolian geomorphology*, Ed. Nickling, W.G., *Proceedings of the 17th Annual Binghampton Symposium on Geomorphology*, Allen and Unwin, London, 213-235. [sdmo dune ripples]
- McKenna Neuman, C. and Nickling, W.G. 1989. A theoretical and wind-tunnel investigation of the effect of capillary water on the entrainment of soil by wind, *Canadian Journal of Soil Science*, **69** (1), 79-96. [sdmo dnhyd]
- McKenzie, D. 1982. The northern Great basin region, in *Reference handbook of the deserts of North America*, Ed. Bender, G.L., Greenwood, Westport Connecticut, 321-382. [dune]
- MacKenzie, F.T. 1964. Geometry of Bermuda calcareous dune cross-bedding, *Science*, **144** (3625), 1449-1450. [dnbed]
- McKenzie, J.B. and Barr, D.A. 1980. Research in southern Queensland into the management of coastal sand dunes, in *Coastal Engineering: Proceedings of the 17th Coastal Engineering Conference*, Sydney, 1548-1564. [codn dnuse abstract in Busche *et al.*, 1984]
- McKenzie, L.A. 1952. *Report on the Kalahari Expedition, 1949*, South African Government Printer, Pretoria, 35 pp. [dune stbdn]

McKenzie, P. 1958. The development of sand beach ridges, *Australian Journal of Science*, **20**, 213-214. [codn]

McKirdy, A.P. and Foxwell, E.A. 1985. Sand dunes: their coastal protection function and the Geological Conservation Review, in *Sand dunes and their management*, Ed. Doody, P., *Focus on Nature Conservation*, **13**, Nature Conservancy Council, Peterborough, 11-19. [codn dnuse]

McLachlan, A. 1988. Dynamics of an exposed beach/dune coast, Algoa Bay, SE Africa, *Journal of Coastal Research, Special Issue*, **3**, 91-96. [codn]

McLachlan, A., Ascaray, C. and du Toit, P. 1987. Sand movement, vegetation succession and biomass spectrum in a coastal dune slack in Algoa Bay, South Africa, *Journal of Arid Environments*, **12** (1), 9-25. [codn dnveg]

McLachlan, A. and Erasmus, T., Eds. 1983. *Sandy beaches as ecosystems*, Junk, The Hague, 757 pp. [codn dnveg]

McLachlan, A., Sieben, P.R. and Ascaray, C. 1982. *Survey of a major coastal dunefield in the eastern Cape, Report*, **10**, Department of Zoology, University of Port Elizabeth, 48 pp. [codn dnveg]

McLaren, J. 1899. The reclamation of drifting sands, *The Forester*, **5**, 222-223. [dnuse]

McLaren, P. 1981. An interpretation of trends in grain size measures, *Journal of Sedimentary Petrology*, **51** (2), 611-624. [sand abstract in Busche *et al.*, 1984]

McLaren, P. and Bowles, D. 1985. The effects of sediment transport on grain-size distributions, *Journal of Sedimentary Petrology*, **55** (4), 457-470. [sdmo]

McLaughlin, D. 1954. Changes on Mars as evidence of wind deposition and volcanism, *Astronomy Journal*, **60**, 261-270. [dune]

McLaughlin, D. 1956. The volcanic-aeolian hypothesis of martian features, *Publication*, **68**, Astronomical Society of the Pacific, San Francisco, CA, 2161-218. [dune]

McLaughlin, T.G. 1954. *Geology and groundwater resources of Baca County, Colorado, United States Geological Survey, Water-Supply Paper*, **1256**, 232 pp. [stbdn]

McLaughlin, W.T. and Brown, R.L. 1942. *Controlling coastal sand dunes in the Pacific North West, United States Department of Agriculture, Circular*, **660**, 46 pp. [dnuse codn]

McLean, R. 1978. Recent coastal progradation in New Zealand, in *Landform evolution in Australasia*, Eds. Davies, J.L. and Williams, M.A.J., Australian National University Press, Canberra, 168-196. [codn]

McLean, S.R. and Smith, J.D. 1979. Turbulence measurements in the boundary layer over a sandwave field, *Journal of Geophysical Research*, **84** (C12), 7791-7808. [dunelog]

McLean, S.R. and Smith, J.D. 1986. A model for flow over two-dimensional bedforms, *Journal of Hydraulic Engineering*, **112** (4), 300-317. [dunelog]

McManus, J.J. 1988. Grain size determination and interpretation, in *Techniques in sedimentology*, Ed. Tucker, M., Blackwell, Oxford, 63-86. [sand]

McMaster, C.J. 1903. Sand-drift problem of arid New South Wales, *Journal and Proceedings of the Royal Society of New South Wales*, **37**, 82-106. [sdmo dnuse]

McQuivey, R.S. and Keefer, T.N. 1969. The relation of turbulence to deposition of magnetite over ripples, *United States Geological Survey, Professional Paper*, **650-D**, 244-247. [dunelog]

- McTainsh, G.H. 1982. *Harmattan dust, aeolian mantles and dune sands of central northern Nigeria*, unpublished Ph.D. dissertation, Macquarrie University, 218 pp.
- McTainsh, G.H. and Duhaylungsod, N.C. 1989. Aspects of soil particle-size analysis in Australia, *Australian Journal of Soil Research*, **27** (4), 629-636. [sand
- McTigue, D.F. 1981. Mixture theory for suspended sediment transport, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **107** (HY6), 659-673. [sdmo sand
- Mechdizade, P. 1980. Sand dunes as a by-product of man and nature interrelation, in *World land resources, their use and protection*, **II**, ** Moscow, ** [dnuse
- Meckelein, W. 1959. *Forschung in der zentralen Sahara: Fezzan*, Westermann, Braunschweig, 181 pp. [dune paid review in *Geographical Journal*, **126**, 1960, 220
- Medellin-Leal, F. 1982. The Chihuahuan Desert, in *Handbook of the deserts of North America*, Ed. Bender, G.L., Greenwood, Westport, Connecticut, 321-382. [dune
- Meddlicott, H.B. and Blanford, W.T. 1879. *A manual of the geology of India*, Government of India, Calcutta, 5 volumes, 817 (Vol. 1&2), 640 pp., 179 pp. and maps; also Trubner, London, ** [dune or 1905. **, Calcutta, 545 pp. ??
- Meeder, J.F. 1981. Sand dune field on the Lake Wales Ridge, *Survey of Central Florida Geology, Miami Geological Society*, Field Trip 24-26 April, 16. [codn stbdn ?
- Meesenberg, H. 1957. The first regeneration phases of plant associations in a burnt dune area, Blåvend (in Danish), *Geografisk Tidsskrift*, **56**, 57-68. [dnveg
- Mehdizadeh, P. 1978. Utilization of stabilized sand dunes for production of food and fiber in the Persian Gulf region of Iran, *Seminar on watershed management*, Peshawar, 20-24 September, 1977, CENTO, Ankara, 198-205. [dnuse summary in Busche *et al.* 1984
- Mehringer, P.J.Jr. and Wigand, P.E. 1986. Holocene history of Skull Creek dunes, Catlow valley, southeastern Oregon, U.S.A., *Journal of Arid Environments*, **11** (2), 117-138. [stbdn dnveg
- Mein, R.G. and Turner, A.K. 1968. A study of drainage of irrigated sand dunes using an electrical resistance analogue, *Journal of Hydrology*, **6** (1), 1-14. [dnhyd dnuse abstract in Busche *et al.*, 1984
- Melamed, Y.R. 1969. Fossil dunes of southwestern Tadzhikistan (in Russian), *Problemy Neftegazonosnosti Tadzhikistan*, (1), 44-47. [stbdn
- Melhorn, W.N. and Trexler, D.T. 1976. The Maria effect: equilibrium and activation of aeolian processes in the Great Basin of Nevada, in *Geomorphology of arid regions*, Ed. Doehring, D.O., Allen and Unwin, London, 271-272. [dune dnuse geog xf 22 doe abstract in Busche *et al.*, 1984 sdmo
- Mellor, M. 1965. *Blowing Snow, Monograph*, **III/A3c**, Cold Regions Research Laboratory, United States Army, Hanover, NH, 79 pp. [sdmo
- Mellor, M. and Radock, U. 1960. Some properties of drifting snow, in *Antarctic meteorology*, Pergamon, Oxford, 333-346. [sdmo
- Melton, F.A. 1929. Natural mounds of northeastern Texas, southern Arkansas and northern Louisiana, *Bulletin of the University of Oklahoma*, NS **9**, 119-** [dune? mima ? pimple ?
- Melton, F.A. 1940. A tentative classification of sand dunes: its application to dune history on the High Plains, *Journal of Geology*, **48** (2), 113-174.

Menchikovsky, F. 1932. Pan (nasas) and its origin in the sandy soils of Palestine, *Journal of Agricultural Science*, **22** (4), 689-703. [dnsol]

Mendelssohn, I.A. 1985. Sand dune vegetation and management, in *Transgressive, depositional environments of the Mississippi delta plain*, Eds. Penland, S. and Boyd, R., *Guidebook Series*, **3**, Louisiana Geological Survey, Baton Rouge, 203-233. [codn dnveg]

Menez, S. 1977. Le crêtes successives dunifiées de type Darss de la côte sud-ouest de la baie de Goulven (Finistère), *Norôis*, **96**, 593-599. [codn]

Mensching, H. 1974a. Landforms as a dynamic expression of climatic factors in the Sahara and Sahel - a critical discussion, *Zeitschrift für Geomorphologie, Supplementband*, **20**, 168-154. [stbdn dune ?]

Mensching, H. 1974b. Aktuelle morphodynamik im afrikanischen Sahel, *Akademie der Wissenschaften, mathematische-physikalische Klasse, Abhandlungen*, Serie 3, **29**, 22-38. [stbdn]

Mensching, H. 1976. Fluviale und äolische Formungsprozesse arider Morphodynamik an Stufenrändern des saharischen Hamada-Reliefs, *Zeitschrift für Geomorphologie, Supplementband*, **24**, 120-127. [dune abstract in Busche *et al.*, 1984]

Mensching, H. 1977. Anthropogene Einwirkungen auf das morphodynamische Prozessgefüge in der Sahelzone afrikas, *Tagungsbericht Umschau, wissenschaftliche Abhandlungen*, **41**, Deutsche Geographentag, Mainz, 407-416. [stbdn dnuse]

Mensching, H. 1979a. Beobachtungen und Bemerkungen zum Alten Dünengürtel des Sahelzone Südlich der Sahara als Paläoklimatischer Anzeiger, *Stuttgarter geographische Studien*, **93**, 67-78. [dune abstract in Busche *et al.*, 1984]

Mensching, H. 1979b. La mise en culture des dunes fixées dans la zone sahélienne: l'exemple du Darfur (République du Soudan), in *Maîtrise de l'espace agraire et développement en Afrique, Mémoire*, **89**, Office de Recherche scientifique et technique de l'Outre Mer (ORSTOM), Paris, 115-118. [stbdn dnuse abstract in Busche *et al.*, 1984]

Mensching, H.G. 1984. *Die Veränderung des morphodynamischen prozessgefüges durch desertifikation in Darfur, Beiträge zur Morphodynamik im Relief des J. Marra und in seinem Vorland (Darfur Rep. Sudan)*, ** [dnuse stbdn]

Mensching, H., Giessner, K. and Stuckmann, G. 1970. *Sudan, Sahel, Sahara. Geomorphologische Beobachtungen auf einer Forschungsexpedition nach West-U. NordAfrika*, Geographische Gesellschaft zu Hannover, Jahrbuch, 219 pp. [stbdn dune ?]

Merk, G.P. 1960. Great Sand Dunes in Colorado, in *Guide to the geology of Colorado*, Eds. Weimer, R. and Haun, J.D., Geological Society of America, New York / Rocky Mountain Association of Geologists, / Colorado Science Society, Denver, CO, 127-129.

Merk, G.P. 1962. Dune form and structure at Great Sand Dune National Monument, *Geological Society of America, Abstracts with Program*, **15** (4), 227. [or 1983 ??]

Merk, G.P. 1973. The reversing transverse dunes in the San Luis valley of Colorado, *Geologic Society of America, Abstracts with Program*, **5**, 737.

Merriam, R. 1969. Source of sand dunes of southeastern California and northwestern Sonora, Mexico, *Bulletin of the Geological Society of America*, **80** (3), 531-533. [abstract in Busche *et al.*, 1984]

Merrill, G.P. 1896. Wind as a factor in geology, *Engineering Magazine*, **2**, 596-607. [dune]

Messenger, C. 1958. *A geomorphic study of the dunes of the Provincetown Peninsula, Cape Cod, Massachusetts*, unpublished M.Sc. dissertation, Amherst, MA., ** [codn]

- Messines, J. 1952. La fixation et le reboisement des sables en Tripolitane, *Unasylla*, Food and Agriculture Organization of the United Nations (FAO), Rome, **6**, 51-59. [dnuse]
- Messines, J. 1958. Forest rehabilitation and soil conservation in China, *Unasylla*, Food and Agriculture Organization of the United Nations (FAO), Rome, **12**, 103-120. [dnuse]
- Metro, A. 1953. Techniques de fixation et de la mise en valeur des dunes du littoral marocain, *Annales de la Recherche au Maroc, Rapport annuel*, 1952, Station de Recherches forestière de Rabat, ... [codn dnuse summary in Busche *et al.* 1984]
- Mettler, D.E. 1955. *Dune sands of the Syracuse area in Kansas*, unpublished M.Sc. dissertation, University of Kansas, ** [stbdn ?]
- Meyen, J.F. 1834. *Reise um die Erde*, **, Berlin, ** [dunes in Peru]
- Meyer, A.L. and Chester, A.L. 1977. The stabilization of Clatsop Plains, Oregon, *Shore and Beach*, **45** (1), 34-41. [codn dnuse abstract in Busche *et al.*, 1984]
- Meyer, H.H. 1981. Zur klimastratigraphischen und morphogenetischen Auswerbarkeit von Flugdecksandprofilen im norddeutschen Altmoränengebiet - erläutert an Beispielen aus der Kellenberg-Endmoräne (Landkreis Diepholz), *Bochumer geographischen Arbeiten*, **40**, 21-30. [stbdn abstract in Niessen, *et al.* 1984]
- Meyer, H.H. 1984. Jungdünen und Wehsande aus historischer Zeit im Gebiet nördlich des Dümmers, *Oldenburger Jahrbuch*, **84**, 517-525. [stbdn codn ?]
- Meyer, K.O. and Haeseler, V., Eds. 1988. *Zoologische Beiträge zur Besiedlung der jungen Düneniseln Memmert und Mellum, Drosera*, '88, Oldenberg, 239 pp. [dnecol dnveg]
- Meyer, W., Stets, J. and Wurster, P. 1974. Gefüge und Entstehung der Ringdünen in den granen Tuffen des laacher Vulkans, *Geologische Rundschau*, **63**, 113-132. [ash dune]
- Meyer-Deepen, J. 1981. Wie Flugsand ein Inseldorf bedrohte, *Ostfreesland*, **64**, 196-199. [codn sdm]
- Michaelis, H. 1972. Die Lebensspur einer Dipterenlarve im Dünensand, *Natur und Museum*, **102**, 421-424. [dnveg]
- Michaliukaite, E. 1962. Ancient coastal dunes of the Kursiu Nerija spit and their fossil forest soils (in Lithuanian), *Geografinis Metraštis*, **5**, 377-389. [codn dnsol]
- Michaliukaite, E. 1967. Beach and dune dynamics of the spit Kursiu Nerija during the last 100 years (in Lithuanian), *Geografinis Metraštis*, **8**, 97-115. [codn]
- Michel, P. 1959. L'évolution géomorphologique des bassins du Sénégal et du Haute Gambie et son connection avec la prospection mineral, *Revue de Géomorphologie dynamique*, **10** (5-12), 117-143. [stbdn]
- Michel, P. 1973. *Les bassins des fleuves Sénégal et Gambie: études géomorphologiques, Mémoire*, **63**, 3 volumes, Office de la Recherche scientifique et technique d'Outre Mer (ORSTOM), Paris, 752 pp. [stbdn]
- Michel, P. 1978a. Les modelés et dépôts du Sahara méridional et Sahel et du sud-ouest Africa: essai de comparaison, *Recherches géographiques à Strasbourg, Géographie tropicale*, **5**, 5-39. [dune stbdn]
- Michel, P. 1978b. La dynamique actuelle de la géomorphologie dans le domaine soudanien de l'ouest Africain: exemples du Mali occidental et Sénégal oriental, *Géo-Eco-Trop*, **1**, 1-20. [stbdn dune]

- Middleton, G.V. 1976. Hydraulic interpretation of sand size distributions, *Journal of Geology*, **84** (4), 405-426.
- Middleton, L.T. and Blakey, R.C. 1983. Process and controls on the intertonguing of the Kayenta and Navajo Formations, northern Arizona: eolian-fluvial interactions, in *Eolian sediments and landforms*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 613-634. [dnbed]
- Mielczarski, A. 1968. Ephemeral, aeolian beach forms on the Polish shore of the Baltic Sea (in Polish), *Kumunikaty Komitetu Badania Morza, Geologia-Geografia*, 43-44. [ripple dune]
- Mielczarski, A. 1973. *Effect of parallelisation of the wind stream with respect to the line of the sea coast in the near-surface atmospherical layer and its influence on the evolution of the sandy beach under the conditions of the Polish coast of the Baltic Sea* (in Polish), Prace Instytutu Budownictwa Wodnego Polskiej Akademii Nauk, **1**, 173 pp. [dune sdmo]
- Mielczarski, A. and Onoszko, J. 1968. Transverse forms of aeolian accumulation on the sandy beaches and analysis of aeolian transport of beach sands (in Polish), *Archiwum Hydrotechniczne*, **15**, 173-195. [sdmo ripple dune]
- Migahid, A.M. and El Shourbagui, M.N. 1958. The ecological amplitude of the desert fodder grass *Panicum turgidum*, *Bulletin of the Institut du Désert d’Egypte*, **8**, 1-108. [dnveg dnuse]
- Mii, H. 1958. Coastal sand dune evolution of the Hachiro-Gut, *Saito Ho-on Kai, Museum Research Bulletin*, (Akita), **27**, 7-22. [codn]
- Mikkelsen, H.E. 1987. The dynamic interaction between dune shape, flow-field and sediment motion, *Proceedings of the IUTAM Symposium*, Eds. Smith F.T. and Brown, S.N., London, ** [sdmo]
- Mikkelsen, H.E. 1989. Wind-flow and sediment movement over a low coastal sand dune, *Geoskrifter*, **32**, Institute of Geology, University of Aarhus, 60 pp. [codn sdmo]
- Miles, R.J. and Franzmeier, D.P. 1981. A lithochronosequence of soils formed in dune sands, *Proceedings of the Soil Science Society of America*, **45** (1-6), 362-367. [dnsol codn ?]
- Miller, G.H., Paskoff, R. and Stearns, Ch.E. 1986. Amino-geochronology of Pleistocene littoral deposits in Tunisia, *Zeitschrift für Geomorphologie, Supplement Band*, **62**, 197-207. [codn]
- Miller, H. 1858. *The cruise of the Betsy*, Nimmo, Edinburgh, 486 pp. [singing sand, outer Hebrides GSL P 171 Mil]
- Miller, M.C. and Byrne, R.J. 1966. The angle of repose for a single grain on a fixed rough bed, *Sedimentology*, **6**, 303-314. [dune ?]
- Miller, M.C. and Komar, P.D. 1977. The development of sediment threshold curves for unusual environments (Mars) and for inadequately studied materials (foram sands), *Sedimentology*, **24** (5), 709-721. [sdmo]
- Miller, M.C., McCave, I.N. and Komar, P.D. 1977. Threshold of sediment movement under unidirectional currents, *Sedimentology*, **24** (4), 507-527. [sdmo]
- Miller, W. 1979. Stratigraphic framework of the Wharton Station dune field, easternmost Beaufort County, North Carolina, *Southeastern Geology*, **20**, 261-273. [stbnd]
- Milling, M.E. and Behrens, E.W. 1966. Sedimentary structures of beach and dune deposits: Mustang Island, Texas, *Publication*, **11**, Institute of Marine Sciences, Post Aransas, TX, 135-148. [dnbed]
- Millman, A. and Rokach, A. 1985. The drama of the dunes, *The Conglomerate*, **45** (3), 7-9. [dnuse]

- Milner, A.R. and Ludbrook, N.H. 1966. Provenance of microfossils in aeolian calcarenites and calcretes in southern South Australia, *Australian Journal of Earth Science*, **33**, 145-159. [codn sand or Milnes ??]
- Milton, W.B. 1961. Acoustical sand, *Compass*, **38**, 99-105. [singing sand abstract in Busche *et al.*, 1984]
- Milyavskaya, M.B. and Kalandarishvili, A.G. 1985. Reinforcing sandy soil by means of surface active agents, *Problems of Desert Development*, (6), 95-97. [dnuse]
- Minarikova, 1973. Petrology of the Quaternary sediments of the Zahorska Nizina lowland (in Bulgarian??), *Sbornik Geologických Ved Antropozoikum*, **A**, 77-129. [sand dune ?]
- Ministry of Information and National Guidance 1974. *Self help against migrating sand dunes*, MING, Mogadishu, ... [dnuse abstract in Busche *et al.* 1984]
- Minkevicius, V. 1963a. Structure of the wind-sand stream near the ground surface (0-10 cm) of the wandering dunes of the spit of Kursiu Nerija (in Lithuanian), *Geografinis Metrastis*, **6/7**, 409-424. [sdmo]
- Minkevicius, V. 1963b. Origin and movement of the sand ripple mark in the migrating dunes of the spit Kursiu Nerija (in Lithuanian), *Geografinis Metrastis*, **6/7**, 425-237.
- Minkevicius, V. 1968a. The micro- and mesoforms of moving dunes in the Kur Nehrung (in Lithuanian), *Geografinis Metrastis*, **9**, 97-102. [codn brief abstract in Busche *et al.*, 1984]
- Minkevicius, V. 1968b. The changes of grain size and roundness in the sand stream depending on wind velocities in the mobile dunes of the spit Kursiu Nerija (in Russian), *Trudy Akademii Nauk, Litovskoj SSR*, B. (1) 109-117. [codn]
- Minkevicius, V. 1969a. Cases of sand accumulation in the coastal dunes of Kursiu Nerija due to storm winds (in Russian), *Trudy Akademii Nauk, Litovskoj SSR*, B (4), 223-229. [codn]
- Minkevicius, V. 1969b. Sand transport related to meteorological variables in the moving dunes of the Kur Nehrung (in Lithuanian), *Geografinis Metrastis*, **10**, 187-195. [sdmo brief abstract in Busche *et al.*, 1984]
- Minkevicius, V. 1971a. Eolodynamic peculiarities of the coastal dunes in winter seasons (in Russian), *Trudy Akademii Nauk, Litovskoj SSR*, **B 66** (3), 225-234. [sdmo]
- Minkevicius, V. 1971b. Basic characteristics of wind-sand flow on nearshore dunes of the Kurische-Nehrung (in Russian), in *Proceedings of the 12th Scientific Conference on Sea Coasts*, Vilnius, 60-61. [sdmo]
- Minkevicius, V. 1972. On the question of sand dynamics in the area of mobile dunes of the spit of Kursiu Nerija in the winter-spring seasons (in Russian), *Trudy Akademii Nauk, Litovskoj SSR*, **B, 4**, 169-174. [sdmo]
- Minkevicius, V. 1974. On the problem of aeolodynamical processes on the beach of the spit Kursiu Nerija (in Lithuanian), *Geografinis Metrastis*, **13**, 185-193. [sdmo codn]
- Minkevicius, V. 1979a. Morphodynamical characteristics of protectional dune ridge (PDR) on the spit of Kursiu Nerija and on the mainland shore. 4. Accumulation section of the spit (in Russian), *Trudy Akademii Nauk, Litovskoj SSR*, **B, 3**, 146-156. [dnuse sdmo]
- Minkevicius, V. 1979b. Morphodynamical characteristics of protectional dune ridge (PDR) on the spit of Kursiu Nerija and on the mainland shore. 5. Moderate accumulation section of mainland shore (in Russian), *Trudy Akademii Nauk, Litovskoj SSR*, **B, 5**, 133-139. [dnuse sdmo]
- Minkevicius, V. 1982. Eolic relief on the Baltic Sea coast (in Lithuanian), *Geografinis Metrastis*, **20**, 156-161. [codn]

- Miotke, F.-D. 1981. Geomorphic processes in Victoria Valley, *Antarctic Journal of the United States*, **16** (5), 50-52. [dnuse]
- Mirakhmedov, M. 1975. *Fixation of shifting sand with heavy oils*, Tashkent Polytechnical Institute, 26 pp. [dnuse]
- Mirakhmedov, M. 1983. Stabilization of mobile sands with heavy crude, *Problems of Desert Development*, (1), 88-89. [dnuse]
- Mironov, V.V. 1970. *Afforestation of sands in the southeast*, Lesnaya Promyshlennost', 168 pp. [dnuse]
- Miroshnichenko, Y.M. 1980. Productivity of plant communities of the Kara-Kum Desert and its determining factors, *Soviet Journal of Ecology*, **11** (1), 7-10. [dnveg dveg]
- Mirzazhonov, K. 1972. *Special methods for the fixing of intraoasis shifting sands and the use of buried soils* (in Russian), **, Tashkent, 31 pp. [dnuse]
- Misak, R.F. and Atti, S.H. 1981. On sand dunes of Sinai Peninsula, *19th Annual Meeting, Geological Society of Egypt, Abstracts*, Cairo, 3.
- Misak, R.F. and El-Shazly, M. 1982. Studies on the blown sands at some localities in Sinai and the northwestern desert, Egypt, *Egyptian Journal of Geology, Special Issue*, **1**, 25-46. [dune]
- Misiewicz, J. 1979. Contributions to the degradation of the natural dune vegetation in the near-shore region in Ustka (in Polish), *Chronmy Przyrode, Ojczysta*, **35** (6), 15-19. [dnveg dnuse]
- Misra, D.K., Prasad, R. and Bhan, S. 1968. Reclamation of the Rajputana Desert, *World Crops*, **20** (3), 18-24. [dnuse abstract in Busche *et al.*, 1984]
- Misra, R.C. and Verma, V.K. 1957. Dune sands in the vicinity of Palana (Bikaner, Rajasthan), *Journal of Science and Industrial Research*, **B 16** (6), 263-267. [stbdn]
- Miszalski, J. 1967. Observations about development of wandering dunes on Mierzaja Lebska (in Polish, English abstract), *Fotointerpretacja w Geografii*, **5**, 21-26.
- Miszalski, J. 1972. Present-day aeolian processes on the Slovinian coastline on the base of aerial photographs (in Polish), *Dokumentacja Geografia*, (6), 40-44. [codn or IG PAN, Warszawa ??]
- Miszalski, J. 1973. Present-day aeolian processes on the Slovinian coastline: a study of photo-interpretation (in Polish), *Dokumentacja Geografia*, 150 pp. [codn or IG PAN, Warszawa ??]
- Miszalski, J. 1974. The dynamics of aeolian processes in the light of photogrammetric measurements and of photo-interpretation (in Polish), *Przegł d Geodezyjny*, **46** (10), 436-440. [dune]
- Mitchell, A. 1972. *Plants and techniques used for sand dune reclamation in Australia*, International Co-operation Group on Sand Dune Reclamation, Meeting in Noordwijk, 10 pp. [dnuse dnveg codn abstract in Busche *et al.*, 1984]
- Mitha, S., Tran, M.Q., Werner, B.T. and Haff, P.K. 1986. The grain-bed impact process in aeolian saltation, *Acta Mechanica* **63** (1-4), 267-278. [sdmo]
- Mityk, J. 1982. Single barchans of northern Baluchistan (in Polish), *Czasopismo Geograficzne*, **53** (3-4), 273-287. [dune abstract in Busche, *et al.* 1984 annexe]
- Miyawaki, A. and Suzuki, K. 1976. Vegetation der Dünen und der Korallenbauten auf den Ryukyu Inseln, Japan, *Bulletin*, **2**, Institute of Environmental Science and Technology, Yokohama National University, 115-152. [codn dnveg]

- Mizutani, S. and Suwa, K. 1966. Orthoquartzitic sand from the Libyan Desert, Egypt, *Journal of Earth Sciences (Nagoya)*, **14** (2), 137-149. [abstract in Busche *et al.*, 1984]
- Moeyersons, J. 1978. The behaviour of stones and stone implements buried in consolidating and creeping Kalahari sands, *Earth Surface Processes*, **3** (2), 115-128. [sdmo dnsol]
- Moiola, R.J., Phillips, B.J. and Weiser, D. ** Differentiation of beach, river and inland dune sands by textural parameters, *Oklahoma Geological Notes*, **28**, 61-64.
- Moiola, R.J. and Spencer, A.B. 1973. Sedimentary structures and grain-size distribution, Mustang Island, Texas, *Transactions of the Gulf Coast Geologists' Association*, **24**, 321-326. [dnbed sand]
- Moiola, R.J. and Spencer, A.B. 1979. Differentiation of eolian deposits by discriminant analysis, *United States Geological Survey, Professional Paper*, **1052**, 53-58. [sand abstract in Busche *et al.*, 1984]
- Moiola, R.J., Spencer, A.B. and McKee, E.D. 1973. Linear discriminant analysis: a technique for analyzing sand bodies, *Geological Society of America, Abstracts with Programs*, **5** (7), 741-742.
- Moiola, R.J., Spencer, A.B. and Weiser, D. 1974. Differentiation of modern sand bodies by linear discriminant analysis, *Transactions of the Gulf Coast Association of Geological Societies*, **24** (353), 321-326. [dune sand]
- Moiola, R.J. and Weiser, D. 1968. Textural parameters: an evaluation, *Journal of Sedimentary Petrology*, **38** (1), 45-53. [sand]
- Mojski, J.E. 1961. Basin of Plock (the neighbourhood of Wloclawek), *Guidebook of excursion: from the Baltic to the Tatras. I. North Poland*, International Quaternary Research Association (INQUA), **6th Congress**, Warsaw 136-139. [stbdn]
- Moldenhauer, W.C. 1959. Establishment of grasses on sandy soils in the southern High Plains of Texas, using a mulch and simulated moisture levels, *Agronomy Journal*, **51** (1), 39-41. [dnveg dnuse]
- Moldvay, L. 1957. Aeolian sedimentation (in Russian), *Acta Geologic Acad. Sci. Hungar.*, **4**, 271-320. [dune ? sand]
- Molle, H.G. 1979. *Untersuchungen zur Entwicklung der vorzeitlichen Morphodynamik im Tibesti Gebirge, Zentralsahara und Tunisien*, *Berliner geographische Abhandlungen*, **25**, 96 pp. [dune not **25** which is Jaekel's could this one be: *Untersuchungen zum Ablauf und zur Abfolge der Formungsstadien im Tibesti-Gebirge am Beispiel der Depression von Bardai und der G  n  r  *, *Berliner geographische Abhandlungen*, **29**, ... [dgeom ?]
- M  ller, J.-T. 1985. *Soil and sand drift in Denmark*, *Geologisk Institut, Geoskrifter*, **22**, Aarhus Universitet, 1-33. [sdmo dune codn stbdn]
- M  ller, J.-T. 1988. Man and the changing coastline of Denmark, in *The coastal zone: man's response to change*, Eds. Ruddle, K., Morgan, W. and Pfafflin, J., Harwood, Chur, 61-89. [codn dnuse]
- Molnar, B. 1961. Die Verbreitung der holischen Bildungen an der Oberfl  che und untertags im Swisichenstromland von Danan und Theiss, *Foldtani Kozlony*, **91** (3), 300-315. [dune? or molner ?? codn ?]
- Mongi, A.L.D. 1975. *Report: travelogue of UNEP study tour to the People's Republic of China on sand dune stabilisation and afforestation*, United Nations Environment Programme (UNEP), Nairobi, 56 pp. [dnuse]
- Monod, Th. 1928. Une travers  e de la Mauritanie occidentale, *Revue de G  ographie physique et de G  ologie dynamique*, **1**, 3-25; 88-106. [dune]

- Monod, Th. 1936. Présentation d'un croquis géologique schématique du Sahara occidental, *Comptes rendus de la Société géologique de la France*, **10**, 164. [dune]
- Monod, Th. 1942. *La vie dans les déserts*, Payot, Paris, ** [dnveg]
- Monod, Th. 1948a. Notes biogéographiques sur l'Afrique de l'ouest, *Post. Acta Biologica* (B), **2**, 208-** [dnveg]
- Monod, Th. 1948b. Le Sahara "étranché" ou "pérmeable", *Cahiers de Foucaud, 3^e Série*, **10**, 96-103. [dnhyd ?]
- Monod, Th. 1958. *Le Majabât al-Koubrâ, Mémoire*, **52**, Institut français de l'Afrique noire, 406 pp. [dune]
- Monod, Th. 1961. Le Majabât al-Koubrâ (Supplément), *Bulletin de l'Institut français de l'Afrique noire*, **A 23** (3), 591-637. [dune or 1958 ??]
- Monod, Th. 1962. Majabât al-Koubrâ: un "Empty Quarter" ouest saharien, *Herman von Wissmann, Festschrift*, Tübingen, 115-125. [dune]
- Monod, Th. 1973a. *Les déserts*, Horizons de France, Paris, 247 pp. [dune]
- Monod, Th. 1973b. Die westliche Sahara, in *Die Sahara und ihre Randgebiete*, **3**, Ed. H. Schiffers, Weltforum Verlag, München, 28-82, 95-160. [dune]
- Monod, Th. 1981. The Sahel zone north of the equator, in *Hot deserts and arid shrublands*, Eds. Evenari, M., Noy-Meir, I. and Goodall, D.W., *Ecosystems of the World*, **12 B**, Elsevier, Amsterdam, 203-243. [dnveg geog f 6 eco]
- Monod, Th. and Cailleux, A. 1945. Etude de quelques sables et grès du Sahara occidental, *Bulletin de l'Institut français de l'Afrique noire*, **7**, 174-190. [sand]
- Monod, Th. and Toupet, Ch. 1961. Land use in the Sahara-Sahel region, *A history of land use in arid regions*, Ed. Stamp, L.D., *Arid Zone Research*, **17**, United Nations Educational, Scientific and Cultural Organization (UNESCO), Paris, 239-253. [dnuse geog h 72 sta]
- Monod, Th. and Toupet, Ch. 1973. Die Westliche Sahara, in *Die Sahara und ihre Rangebiete, Darstellung eines Natur-Grossaumes, Band Regionalgeographie*, Ed. Schiffers, H., IFO Institut für Wirtschaft, *München Afrika Studien*, **62**, 26-166. [dune]
- Monterin, U. 1935. Sulla trasformazione delle dune trasversali in longitudinali nel Sahara libico, *Reale Accademia delle Scienze di Torino, Classe di Scienze Fisiche, Matematiche e Naturali, Atti*, Torino, **70**, 62-80.
- Mooij, J. 1957. Eolische destructievormen op een zandstrand, *Grondboor en Hamer*, **1**, 14-18. [aeolian destruction forms on a sand beach sdmo]
- Moomen, S.E. and Barney, C.W. 1981. A modern technique to halt desertification in the Libyan Jamahiriya, *Agricultural Meteorology*, **23**, 131-136. [dnuse]
- Moore, G.W. and Giddings, J.L. 1962. Record of 5,000 years of Arctic wind directions recorded by Alaskan beach ridges, *Geological Society of America, Abstracts for 1961, Special Papers*, **68**, 232. [codn ?]
- Moore, H.J., Spitzer, C.R., Bradford, K.Z., Cates, P.M., Hutton, R.E. and Shorthill, R.W. 1979. Sample fields of the Viking Landers, physical properties and aeolian processes, *Journal of Geophysical Research*, **84** (B12), 8365-8377. [sdmo sand ripples ?]

- Moore, P.D. 1971. Computer analysis of sand dune vegetation in Norfolk, England, and its implication for conservation, *Vegetatio*, **23**, 328-338. [codn dnveg]
- Morales, P.R. 1979. Estudio de los medanos de Venezuela: evidencias de un clima desertico, *Acta Biologica de Venezuela*, **10**, 19-49. [stbdn dune]
- Morawski, J. 1961. Holocene aeolian deposits in the basin of the lower Wyznica river (in Polish, English abstract), *Kwartalnik Geologiczny*, **5**, 705-716. [stbdn]
- Morawski, J. 1968. Charakterystyka cykonow z wydm Kotliny Chodelskiej, *Annales Universitatis Mariae Curie Sklodowska*, **20**, 1-25. [dune]
- Morawski, J. 1969. Charakteristik der Quarzkörner aus Sandablagerungen der Lubliner Hochebene, *Annales Universitatis Mariae Curie Sklodowska*, Sec. B **22**, 151-189. [dune sand]
- Moreau, P. 1947. *Des lacs de sel aux chaos de sable. Le pays de Nefzaouas*, *Publication*, **11**, Institut des Belles-Lettres Arabes, 206 pp. [Tunisia dune dnuse]
- Moreno-Casasola, P. 1982. Ecology of the vegetation of coastal dunes: physical factors (in Spanish), *Biótica*, **7**, 577-602. [codn dnveg]
- Morawski, J. 1961. Holocene aeolian deposits in the basin of the lower Wyznica river (in Polish, English abstract), *Kwartalnik Geologiczny*, **5**, 705-716. [stbdn]
- Moreno-Casasola, P. 1986. Sand movement as a factor in the distribution of plant communities in a coastal dune system, *Vegetatio*, **65** (1), 67-76. [codn dnveg]
- Moreno-Casasola, P. 1988. Patterns of plant species distribution on Mexican coastal dunes along the Gulf of Mexico, *Journal of Biogeography*, **15** (5-6), 787-806. [codn dnveg]
- Moreno-Casasola, P. and Espejel, I. 1986. Classification and ordination of coastal dune vegetation along the Gulf and Caribbean coasts of Mexico, *Vegetatio*, **66** (3) 147-182. [codn dnveg]
- Moreno-Casasola, P., van der Maarel, E., Castillo, S., Huesca, M.I. and Pisanty, I. 1982. Ecology of the vegetation of coastal dunes: structure and composition of the Morro de la Mancha. I. (in Spanish), *Biótica*, **7**, 491-526. [codn dnveg]
- Moriera, M.E.S.A. 1988. Seasonal processes of the beach-dune system on the western coast of Portugal, *Journal of Coastal Research, Special Issue*, **3**, 47-52. [codn or Moreira ??]
- Moritz, E. 1908. Das Seebad Lakolk und seine Dünen, *Mitteilungen der geographische Gesellschaft, Hamburg*, **24**, 353-357. [codn]
- Moriwaki, H. 1979. Landform evolution of the Kujukur coastal plain, central Japan (in Japanese), *Quaternary Research (Tokyo)*, **18** (1), 1-16. [codn dune]
- Morley, I.W. 1981. *Black sands: history of the mining industry in eastern Australia*, University of Queensland Press, Brisbane, 278 pp. [codn dnuse]
- Morris, E.C., Mutch, T.A. and Holt, .E. 1972. *Atlas of geologic features in the dry valleys of South Victoria Land, Antarctic Interagency Report, Astrogeology*, **52**, United States Geological Survey, ** [dune ?]
- Morris, W.J. 1957. Effects of sphericity, roundness and velocity on traction transportation of sand grains, *Journal of Sedimentary Petrology*, **27** (1), 27-31. [sdmo]
- Morrison, A. and Chown, M.C. 1964. *Photography of the western Sahara from the Mercury MA-4*

- spacecraft*, Contract **NA Sr-140**, National Aeronautics and Space Administration (NASA) / McGill, University, Montreal, 125 pp. [dune]
- Morrison, A. and Chown, M.C. 1965. Photography of the western Sahara from the Mercury MA-4 satellite, *Photogrammetric Engineering*, **31**, 350-362. [dune]
- Morrison, R.G. and Yarranton, G.A. 1974. Vegetational heterogeneity during primary dune succession, *Canadian Journal of Botany*, **52**, 397-410. [codn dnveg]
- Morsi, S.A. and Alexander, A.J. 1972. An investigation of particle trajectories in two-phase flow, *Journal of Fluid Mechanics*, **55** (2), 193-208. [sdmo]
- Mort, G.W. 1949. Vegetation survey of the marine sand drifts of NSW. Some remarks on useful stabilizing species. II, *Journal of the Soil Conservation Service of New South Wales*, **5**, 63-72. [codn dnveg dnuse]
- Morton, J.K. 1957. Sand-dune formation on a tropical shore, *Journal of Ecology*, **45**, 495-497. [codn]
- Morton, R.A. and McGowen, J.H. 1980. *Modern depositional environments of the Texas coast*, *Geological Guidebook*, **20**, Bureau of Economic Geology, University of Texas, Austin TX, 167 pp. [dnbed codn]
- Mörzer Bruijns, M.F. and Wolff, W.J. 1983. *Nature conservation, nature management and physical planning in the Wadden Sea area*, Stichting Veth, Leiden, 163 pp. [codn dnuse]
- Moseley, F. 1965. Plateau calcrete, calcreted gravels, cemented dunes and related deposits of the Maalleg-Bomba region of Libya, *Zeitschrift für Geomorphologie*, NF **9** (2), 167-185. [stbnd dnsol]
- Mosley, M.P. 1973. Longitudinal ripples formed by overland flow in tidal currants, *Journal of Sedimentary Petrology*, **43** (3), 795-798. [dunelog]
- Moss, A.J. 1962. The physical nature of common sandy and pebbly deposits. Part I, *American Journal of Science*, **260** (5), 337-372. [sands]
- Moss, A.J. 1963. The physical nature of common sandy and pebbly deposits. Part II, *American Journal of Science*, **261** (4), 297-343. [sands]
- Moss, A.J. 1966. Origin, shaping and significance of quartz sand grains, *Journal of the Geological Society of Australia*, **13** (1), 97-136.
- Moss, A.J. 1972. Technique for assessment of particle breakage in natural and artificial environments, *Journal of Sedimentary Petrology*, **42** (3), 725-728. [sand]
- Moss, A.J. 1975. Initiation and inhibition of the formation of asymmetrical sand ripples, *Journal of the Geological Society of Australia*, **22** (1), 70-90.
- Moss, A.J. 1973. Fatigue effects in quartz sand grains, *Sedimentary Geology*, **10**, 239-247.
- Moss, A.J. and Green, P. 1975. Sand and silt grains: predetermination of their formation and properties by microfractures in quartz, *Journal of the Geological Society of Australia*, **22**, 485-495.
- Moss, A.J. and Green, P. 1983. Movement of solids in air and water by raindrop impact. Effects of drop-size and water-depth variations, *Australian Journal of Soil Research*, **21**, 257-269. [sdmo]
- Moss, M.R. and Dickinson, G. 1979. Evolution of the dune and machair grassland surface of South Uist, Outer Hebrides, Scotland, *Environmental Conservation*, **6** (4), 287-292. [codn dnveg]

- Moss, R. 1938. The physics of an ice cap, *Geographical Journal*, **92** (3), 211-231. [dunelog sastrugi and barchans = 215-217]
- Mott, R.J. 1959. Notes on the sand dunes near Prescott, Ontario, *Revue canadienne de Géographie*, **13**, 135-147.
- Mott, W.S. and Carpenter, D. 1970. Geology and hydrology of Rogers Playa and Rosamund Playa, California, in *Geology and hydrology of selected playas in western United States*, Ed. Mott, W.S., University of Massachusetts, Amhurst, MA, 23-25. [dune]
- Motte, M. 1963. Fixation et reboisement des dunes maritimes en Tunisie et plus spécialement dans le région de Bizerte, *Revue forestière française*, **15** (5), 449-466. [codn dnuse abstract in Busche *et al.*, 1984]
- Mouline, M. 1970. Sur l'âge des éolisations de la dépression de Revel, Haute Garonne, *Comptes rendus de l'Académie des Sciences, Paris*, **D 271** (25), 2243-2246. [dune stbdn]
- Moussu, P. and Moussu, H. 1952. Etude hydrogéologique dans les dunes de Bone, *Transactions of the 19th International Geological Congress, Alger*, **2**, *Données sur l'Hydrogéologie algérienne*, 112-129. [dnhyd codn]
- Mozhayeva, V.G. and Vavel'yeva, R.P. 1969. A method of preparing photo-interpretation keys for studying the relief forms and vegetation cover in the lower Karakum, *Problems of Desert Development*, (5), 11-19. [dune dnveg]
- Mrose, H. 1936. Die Wanderdünenlandschaft der Leba-Nehrung, *Umschau*, **40**, 590-592. [dune codn]
- Mrózek, W. 1958. The dunes of Tonin-Bydgoszcz Valley (in Polish), in *Wydmy srodladowe Polski*, **II**, Ed. Galon, R., PWN, Warsaw, 1-59. [stbdn]
- Mrózek, W. 1961. Dunes in the Torun Basin, *Guidebook of Excursion: From the Baltic to the Tatras. I. Northern Poland*, International Quaternary Research Association (INQUA), *6th Congress*, Warsaw, 162. [stbdn]
- Mücke, E. and Linke, M. 1967. Zur Dünenbildung in der südöstlichen Altmark, *Hercynia*, **4**, 426-438. [stbdn abstract in Niessen, *et al.* 1984]
- Muehlberger, E.B. 1955. *Pismo Beach - Point Sal dune field, California*, unpublished M.S. dissertation, University of Kansas, ** [codn]
- Muhammad, K. 1952. A note on the afforestation of the shifting sand dunes area in the Thal (desert) area of Punjab, *Pakistan Journal of Forestry*, **2**, 276-279. [dnuse abstract in Busche *et al.*, 1984]
- Muhs, D.R. 1985. Age and palaeoclimatic significance of Holocene sand dunes in northeastern Colorado, *Annals of the Association of American Geographers*, **75** (4), 566-582. [stbdn]
- Muhs, D.R. and Madole, R.F. 1980. Soil-geomorphic evidence of widespread movement of dune sand on the central Great Plains during the Altithermal, *38th Plains Conference Program and Abstracts*, 33. [stbdn dnsol]
- Mukerji, A.B. 1961. Morphogenetic nature of the Bhur, *Indian Geographical Journal*, **36**, 53-55. [dune]
- Mukhammedov, G. 1977. Improvement of degraded sandy pastures in the central parts of the Karakum Desert (in Russian with English abstract), *Proceedings of the 13th International Grassland Congress*, Leipzig, Section 3-4-5: 220-224. [abstract in Busche *et al.* 1984 dnveg dnuse]
- Mulcahy, M.J. 1973. Landforms and soils of southwestern Australia, *Journal of the Royal Society of Western Australia*, **56**, 16-22. [dune ? dnsol stbdn]

- Müller, A. and Gyr, A. 1986. On vortex formation in the mixing layer behind dunes, *Journal of Hydraulic Research*, **24** (5), 359-375. [dunelog]
- Müller, A., Gyr, A. and Dracos, T. 1971. Interactions of rotating elements of the boundary layer with grains of the bed: a contribution to the problem of the threshold of sediment transportation, *Journal of Hydraulic Research*, **9** (3), 373-411. [sdmo]
- Müller, A.H. 1977. Über fossile und rezente Ichnia vom Typ *Helicorhaphe* und *Belorhaphe* sowie ihre Erzeuger auf Flugsanddünen der Gegenwart, *Freiburger Forschung. -H.*, **C 384**, 130-133. [dnveg]
- Müller, G. and Tietz, G. 1975a. Regressive diagenesis in Pleistocene aeolianites from Fuerteventura, Canary Islands, *Sedimentology*, **22** (3), 485-96. [codn dnbed dnsol]
- Müller, G. and Tietz, G. 1975b. Transformation of carbonate sands into limestone and dolostone: Fuerteventura, Canary Islands, Spain, *9th International Sedimentary Congress*, Nice, 143-150. [codn dnsol]
- Müller, H.D. 1981. *Die Entwicklung des Oasengebietes von Al-Kharga (Ägypten) als Resultat ökologischer Bedingungen und sozioökonomischen Wandels*, Diploma dissertation, Göttingen, ** [dune dnuse abstract in Busche *et al.*, 1984]
- Müller, J. 1968a. *Aeolian structures of sandy sediments from characteristic areas of the Baltic shore and central Poland*, unpublished Ph.D. dissertation, **, Warsaw, ** [dnbed]
- Müller, J. 1968b. Wind tunnel experiments on bedding of aeolian sediments (in Polish), *Annales de la Société géologique de Pologne*, **38**, 229-230. [dnbed]
- Müller, J. 1969. Development of aeolian transverse ripples and ripple bedding, *Bulletin de l'Académie Polonaise de Sciences, Série des Sciences géologiques-géographiques*, **17**, 49-56. [dnbed]
- Müller, J. 1972. Structures of aeolian sand deposits (in Polish), *Prace Muzeum Ziemi*, **19**, 95-134. [dnbed]
- Müller, J. and Ostaficzuk, S. 1971. Application of photogrammetric methods to investigation of wind ripple dynamics, *Polskie Towarzystwo Geologiczne Rocznik*, **40** (3-4), 431-437.
- Müller, K. 1857. *Das Buch der Pflanzenwelt, Botanische Reise um die Welt*, Leipzig, ** [codn dnuse dnveg story of King Frederick William I and Frische Nehrung, Marsh: *Man and Nature* p 411]
- Müller-Stoll, W.R. 1952. Über die Entstehung von kriechenden Schilsprossen auf Dünensand, *Biologische Zentralblatt*, **71**, 618-626. [codn dnecol]
- Mulligan, K.R. 1985. *The movement of transverse coastal dunes, Pismo Beach, California, 1982-83*, unpublished M.A. dissertation, University of California, Los Angeles, CA, ** [codn]
- Mulligan, K.R. 1988. Velocity profiles on the windward slope of a transverse dune, *Earth Surface Processes and Landforms*, **13** (7), 573-582. [codn sdmo]
- Muradov, B.K. 1973. Cultivation of sorghum on sands in the Kopet-Dag oasis, *Problemy Osvoeniya Pustyn*, (3), 71-74. [dnuse]
- Muradov, B.K. 1975. Phytoclimate in the development of oases sands, *Problems of Desert Development*, (2), 68-70. [dnveg]
- Muradov, B.K. 1980. Sudan grass cultivation on aeolian sands, *Problemy Osvoeniya Pustyn*, (3), 80-83. [dnuse]
- Murbarger, N. 1950. The Great White Sands, *Natural History*, **59** (5), 228-235. [dune dnveg abstract in Busche *et al.*, 1984]

- Murphy, J.D. 1975. The geology of Bruneau Dunes State National Park, Idaho, *Geological Society of America, Abstracts with Program*, **7**, 633.
- Murphy, J.D. and Greeley, R. 1972. Sand dunes at Eagle Cave (Bruneau), Idaho: possible analogs to martian eolian features (abstract), *Eos*, **53** (11), 1037.
- Murphy, M.E. 1980. *Management of sand dune areas in the west of Ireland*, unpublished M.Sc. Dissertation, The new University of Ulster, Coleraine, ** [dnuse codn]
- Murray, B.C. 1973. Mars from Mariner 9, *Scientific American*, **228**, 49-69. [dune]
- Murray, G.W. 1946. Possible changes in Arabian wind direction, *Geographical Journal*, **108** (1-3), 127-128. [dune]
- Murzayev, E.M. 1954. *Die Mongolische Volksrepublik*, **, Gotha, Translated Tuttenberg, F., ** [dune reviewed by Tricart, J., *Revue de Géomorphologie dynamique* **]
- Murzayev, E.M. 1967. *The nature of Sinkiang and the formation of the deserts of central Asia*, Translated by United States Joint Publications Research Service, JPRS **40, 229. TT 67-30944**, 617 pp. [dune]
- Mushketov, I.V. 1886. *Turkestan: a geological and orographical description based upon data collected during journeys of 1874 to 1880*, ** St. Petersburg, ** [rgs 596 a vol 1 only review in *Nature*, **34**, 117-119. [sand dnbed dune]
- Musset, M. 1923. Über Sandwanderung, Dünenbildung und Veränderung an der unterpommerischen Küste, *Zeitschrift für Bauwesen*, Berlin, **73**, ** [codn]
- Mutch, T.A. 1978. The martian landscape by the Viking Lander team, *Special Publication*, **425**, National Aeronautics and Space Administration (NASA), Washington, DC, 160 pp. [dune]
- Mutch, T.A. 1979. Planetary surfaces, *Revue of Geophysics and Space Physics*, **17**, 1694-1722. [dune]
- Mutch, T.A., Arvidson, R.E., Head, J.W.III, Jones, K.L. and Saunders, R.S. 1976. *The geology of Mars*, Princeton University Press, Princeton, NJ, 400 pp. [dune]
- Mutch, T.A. and Jones, K.L. 1978. *The martian landscape*, Publication, 425, National Aeronautics and Space Administration (NASA), Washington DC, ** [dune]
- Muthana, K.D. 1976. Role of forestry in sand dune stabilization, *Monograph*, **1**, Central Arid Zone Research Station, Jodhpur, 275-284. [dnuse abstract in Busche *et al.* 1984]
- Muthana, K.D. 1978. Stabilization and management of sand dunes, *Silver Jubilee Volume, 1952-1977*, Central Arid Zone Research Station, Jodhpur, 98-101. [dnuse abstract in Busche *et al.* 1984]
- Muthana, K.D. 1978. Stabilization and management of sand dunes, *Silver Jubilee Volume, 1952-1977*, Central Arid Zone Research Station, Jodhpur, 98-101. [dnuse abstract in Busche *et al.* 1984]
- Mycielska, E. 1961. La plus ancienne phase de la formation des dunes. Les résultats des recherches géomorphologiques dans la partie méridionale du Plateau de Sandomierz, *Abstracts of Papers, Proceedings of the 6th Congress*, International Quaternary Research Association (INQUA), Warsaw, 162. [stbdn]
- Mycielska-Dowgia__o, E. 1965. Mutual relation between loess and dune accumulation in southern Poland, *Geographia Polonica*, **6**, 105-115. [stbdn]
- Mycielska-Dowgia__o, E. 1980. Structural and textural features in deposits of aeolian forms in Palmyra

region (in Polish), in *Prace i Studia Geograficzne*, **2**, Eds. Kurlinski, A., *et al.*, Warsaw University Press, Warsaw, 189-214. [sand dune abstract in Busche *et al.*, 1984

Mycielska-Dowgiało, E. 1989. Stopień przekształcenia eolicznego wybranych cech teksturalnych Osadów wydmywowych południowej Szwecji, *Prace i Studia Geograficzne*, **9**, 115-139. [degree of aeolian modification of some textural features of the dune deposits of south Sweden sand Geoabstracts 89 J/11470 sand

Mycielska-Dowgiało, E. and Kzywoblocka-Lavrow, R. 1975. Fluvial and dune sands from the Vistula and Lef interfluvium, the Sandomierz basin, in the light of an analysis of surface textures of quartz sand grains observed in electron microscope (in Polish), *Przeegląd Geograficzny*, **47** (3), 567-576. [stbnd

Naddeh, K. 1984. *Lift forces on spheres at Reynolds numbers between 80 and 25000*, unpublished M.Sc. dissertation, University of Aberdeen, ** [sdmo

Nagtegaal, P.J.C. 1973. Adhesion ripple and barchan dune sands of the recent Namib (S.W.Africa) and Permian Rotliegend (N.W. Europe) Deserts, *Madoqua*, Series 2, **2** (63-68), 5-19. [dnbed abstract in Busche *et al.*, 1984

Nagy, J. 1974. Applied landscape-ecological synthesis illustrated by the example of the sandy areas in the Danube-Tisza interfluvium (in Hungarian), *Földrajzi Irtezo*, **23** (3), 323-332. [dnuse stbnd

Nahon, D.B., Beaudet, G., Michel, P., Olivier, P., Riser, J. and Ruellan, A. 1976. Formes, formations superficielles et variations climatiques récentes du Sahara occidental, *Revue de Géographie physique et de Géologie dynamique*, **18** (2-3), 157-174. [stbnd dune

Naigeon, C. 1986. Désert, banlieue de Nouakchott, *Inter Tropiques Agricultures*, (17), 4-7. [dune dnuse

Nakashima, Y., Sue, K. and Nagasawa, T. 1973. Effect of surface sand moisture on blown sand (Preliminary Report) (in Japanese), *Sand Dune Research*, **20**, Sand Dune Research Society of Japan, 67-72. [sdmo

Nakashima, Y. and Suematsu, T. 1976. Effect of moisture content of sand surface layer on blown sand. III. On the rate of sand movement, threshold velocity and median diameter of blown sand (in Japanese), *Proceedings of the 87th Conference of the Japanese Society of Forestry*, 361-362. [sdmo

Nalpanis, P. 1985. Saltating and suspended particles over flat and sloping surfaces. II. Experiments and numerical simulations, *Proceedings of the International Workshop on the Physics of Blown Sand*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 37-66. [sdmo

Narita, H. 1978. Controlling factors of drifting snow, *Memoir, Special Issue*, **7**, National Institute of Polar Research, Tokyo, 81-92. [sdmo

Naruse, R., Nishimura, H. and Maeno, N. 1985. Structural characteristics of snow drifts and cornices, *Annals of Glaciology*, **6** (6), 287-288. [duneloge dnbed

Naruse, T. 1975. Some morpho-ecological problems of the Thar Desert of India: a geographical analysis (in Japanese), in *Dynamic regional studies of the Punjab, India*, Ed. Ishida, H., University of Hiroshima, Centre for Research in World Regional Geography, 270-291. [dune stbnd

Naruse, T. 1977. A geomorphological study of the Punjab plains and the northern part of the Thar Desert in India (in Japanese), in *Green revolution in the Punjab: techniques, background and effects*, Ed. Ishida, H., University of Hiroshima, Centre for Research in World Regional Geography, 47-66. [stbnd

Naruse, T. 1989. Coastal sand dunes in Japan (in Japanese), *Geographical Review of Japan*, **A 62**, 129-144. [codn

- Naruse, T. and Inoue, K. 1983. Loess buried in the palaeo-sand dunes in San-in and Hokuriku along the coast of Japan Sea (in Japanese), *Journal of Geography*, **92**, 44-57. [dnsol codn]
- Nauman, K.F. 1862. *Lehrbuch der Geognosie*, ** Leipzig, **, [dune sdmo include Sahel ! quoted in GP Marsh *Man and nature*, p. 389-390.
- Nazarov, I.K. *Sands of the Bukhara and Karakul' oases and problems of their development*, dissertation proposal, Tashkent University, 23 pp. [dnuse]
- Nazyrov, I., Bakayev, S. and Kurbanov, K. 1972. A new sand-desert preserve on the lower reaches of Zeravshan River, *Problems of Desert Development*, (5), 95-96. [dnveg]
- Nechayeva, N.T. 1946. Effect of grazing on rangeland vegetation in the Kara Kum, *Izr. Turkmen FAN SSR*, (3-4), 81-89. [dnuse dnsol sdmo]
- Nechayeva, N.T. 1954. The effect of grazing on the pastures of the Karakum desert, in *USSR deserts and their development*, **II**, Akademii Nauk SSSR Press, Moscow and Leningrad, 370-391. [dnuse]
- Nechayeva, N.T. 1958. *The dynamics of vegetation cover on the Karakum pastures under the effect of meteorological conditions*, Akademii Nauk Turkmenskoi SSR Press, 214 pp. [dnveg dnuse]
- Nechayeva, N.T. 1964. The effect of grazing on the pasture vegetation in the Karakum desert, *Isvestiya F Akademii Nauk, Turkmenskoi SSR*, **II** (3-4), 81-89. [dnuse dnveg]
- Nechayeva, N.T. 1969. Phytocoenological and agrometeorological foundations for improving desert pastures, *Problems of Desert Development*, (3), 15-19. [dnuse dnveg]
- Nechayeva, N.T., Ed. 1970. *Vegetation of central part of Karakum and its productivity*, Ylym, Ashkhabad, ** [dnveg]
- Nechayeva, N.T. 1975. Characteristics of plant cover productivity in Turkmenistan deserts in connection with the composition of vital plant forms, *Problems of Desert Development*, (1), 11-20. [dnveg]
- Nechayeva, N.T. 1976. Influence of anthropogenic factors on ecosystems of the deserts of central Asia, in *Problems in the development and conservation of desert and semi-desert lands*, **23rd International Geographical Union, Working Group on Desertification in and around Arid Lands, Pre-Congress Symposium**, **K26**, Ed. Mabbutt, J.A. Ashkhabad, University of New South Wales, Kensington, 125-129. [dnuse dnveg]
- Nechayeva, N.T. 1977. Problems of research stemming from the use of USSR desert ecosystems in range-based animal husbandry, *Problems of Desert Development*, (2), 21-32. [dnuse]
- Nechayeva, N.T. 1979a. The effect of the utilization regime on the vegetation productivity in the Karakum Desert, *Problemy Osvoeniya Pustin*, (6), 8-18. [dnuse dnveg]
- Nechayeva, N.T. 1979b. The improvement of arid pastures in central Asia, *Nature and Resources*, **15** (1), 14-15. [dnuse]
- Nechayeva, N.T. 1981. Investigations and conservation of USSR deserts today, *Problems of Desert Development*, (6), 12-21. [dnuse]
- Nechayeva, N.T. 1985a. Ecological bases for the reconstruction of contemporary plant cover in the central Asian deserts, *Problems of Desert Development*, (1), 15-21. [dnveg dnuse]
- Nechayeva, N.T. 1985b. *Improvement of desert ranges in Soviet central Asia*, ** 342 pp. [dnuse dnveg]
- Nechayeva, N.T. 1988. Ecological foundations for range vegetation reconstruction in the deserts of the USSR, in *Arid lands: today and tomorrow*, Eds. Whitehead, E.E., Hutchinson, C.F., Timmermann, B.N.

- and Varady, R.G., *Proceedings of an International Research and Development Conference*, Tucson, October 20-25, 1985, Westview Press, Boulder, 615-619. [dnuse dnveg]
- Nechayeva, N.T., *et al.* 1958. *The improvement of pastures and the establishment of non-irrigated hay-mowing area in the desert zone of Turkmenia*, Inst. Zhivotn. Vet. Press, Ashkhabad, 46 pp. [dnveg dnuse]
- Nechayeva, N.T. and Rustomov, A.K. 1970. Protection and efficient utilization of desert flora and fauna, *Problems of Desert Development*, (2), 23-39. [dnveg dnuse]
- Nechayeva, N.T., Shamsutdinov, Z.Sh. and Mukhammedov, G.M. 1977. *Improvement of desert pastures in Soviet Central Asia*, United Nations Desertification Conference, Nairobi, 64 pp. [dnveg dnuse]
- Nelson, J. and Smith, J. 1989. Mechanics of flow over ripples and dunes, *Journal of Geophysical Research - Oceans*, **94**, 8146-8162. [dunelog]
- Nelson, J.M. 1988. *Mechanics of flow and sediment transport over nonuniform erodible beds*, unpublished Ph.D. dissertation, University of Washington, ** [sdmo]
- Nero, R.W. 1988. The ventifacts of the Athabasca sand dunes, *The Musk Ox*, **36**, 44-50.
- Neumann, A. 1936. Der Dünenwald der Danziger Nehrung, *Berichte der Westpreußischen Botanische-Zoologische Verhandlungen*, **58**, 29-40. [codn dnveg]
- Nevyazhskiy, I.I. 1970. Tukulans, deserts of Yakutiya, *Report*, **FSTC-HT-23-1198-71**, Army Foreign Science and Technology Center, Charlottesville, VA, 9 pp. Translation from Russian, *Nauka i Zhizn USSR*, **36** (3), 58-59. [or Nevyazhskii ?? dune]
- Nevyazhskiy, I.I. and Bidzhiev, R.A. 1960. Aeolian relief forms in central Yakutia (in Russian), *Akademii Nauk, SSSR, Izvestiya, Serie Geograficheskaya*, **3**, 90-95. [stbdn dune RGS 905 C 906 907 ABCD]
- Newell, N.D. 1951. Organic reef and submarine dunes of oolite sand around Tongue of Ocean, Bahamas (abstract), *Bulletin of the Geological Society of America*, **62** (12), 1466. [dunelog codn?]
- Newell, N.D. and Boyd, D.W. 1955. Extraordinarily coarse eolian sand of the Ica Desert, Peru, *Journal of Sedimentary Petrology*, **25** (3), 226-228.
- Newell, N.D. and Rigby, J.R. 1957. Geological studies of the Great Bahama Bank, *Special Publication*, **5**, Society of Economic Palaeontologists and Mineralogists, 15-79. [dunelog sand codn]
- Newman, J.C. 1978. Coastal dune protection - Lord Howe Island, *4th Australian Conference on Coastal and Ocean Engineering*, Adelaide, 72-74. [codn dnuse abstract in Busche *et al.*, 1984]
- Nguer, M. and Rognon, P. 1989. Homogénéité des caractères sédimentologiques des sables éoliens entre Nouakchott (Mauritanie) et Mbour (Sénégal), *Géodynamique*, **4**, 119-133. [sand]
- Nichols, R.L. 1961. Characteristics of beaches formed in polar climates, *American Journal of Science*, **259** (9), 694-708. [codn]
- Nicholson, I.A. 1952. *A study of Agropyron junceum (Beauv.) in relation to the stabilization of coastal sand and the development of sand dunes*, unpublished M.Sc. dissertation, University of Durham, ** [codn dnveg]
- Nickling, W.G. 1976. *Eolian sediment transport, Slims River Valley, Yukon Territory*, unpublished Ph.D. dissertation, University of Ottawa, 246 pp. [sdmo]
- Nickling, W.G. 1978. Eolian sediment transport during dust storms: Slims River Valley, Yukon Territory, *Canadian Journal of Earth Science*, **15**, 1069-1084. [sdmo abstracts in Niessen, *et al.* 1984 and Busche *et al.*, 1984]

- Nickling, W.G. 1983. Grain size characteristics of sediment transported during dust storms, *Journal of Sedimentary Petrology*, **53** (3), 1011-1024. [sdmo]
- Nickling, W.G. 1984. The stabilizing role of bonding agents on the entrainment of sediment by wind, *Sedimentology*, **31** (1), 111-118. [sdmo]
- Nickling, W.G., Ed. 1986. *Aeolian geomorphology, Binghampton Symposia in Geomorphology: International Series*, **17**, Allen and Unwin, Boston and London, 311 pp. [dune sdmo]
- Nickling, W.G. 1988. The initiation of particle movement by wind, *Sedimentology*, **35** (3), 499-511. [sdmo]
- Nickling, W.G. and Ecclestone, M. 1980. A technique for detecting grain motion in wind tunnels and flumes, *Journal of Sedimentary Petrology*, **50** (2), 652-654. [sdmo]
- Nickling, W.G. and Ecclestone, M. 1981. The effects of soluble salts on the threshold shear velocity of fine sand, *Sedimentology*, **28** (4), 505-510. [sdmo]
- Nicolayev, V.A. 1960. An analysis of the structure of steppe and desert landscapes with aerial photographs, *Akademii Nauk, SSSR, Izvestiya Seria Geograficheskaya*, March-April, 82-** [dune?]
- Nicou, R. 1974. The problem of caking with the drying out of sandy and sandy clay soils in the arid tropical zone, *Agronomie Tropicale*, **30**, 325-343. [dnsol]
- Nicou, R. and Charreau C. 1985. Soil tillage and water conservation in semi-arid West Africa, in *Appropriate technologies for farmers in semi-arid West Africa*, Eds. Ohm, H.W. and Nagy, J.G., Purdue University, West Lafayette, IN, 9-32. [dnsol]
- Nielson, J. 1986. *The surface processes, internal structure, and net deposits of eolian dunes and sand sheets*, unpublished Ph.D. dissertation, University of Texas, Austin, 350 pp. [dnbed sdmo]
- Nielson, J. and Kocurek, G. 1984. Migrating zibars of the Algodones Dune Field, southeastern California (abstract), *1st Annual Midyear Meeting*, Society of Economic Palaeontologists and Mineralogists, 50. [dune]
- Nielson, J. and Kocurek, G. 1986. Climbing zibars of the Algodones, *Sedimentary Geology*, **48** (1-2), 313-348. [dune]
- Nielson, J. and Kocurek, G. 1987. Surface processes, deposits, and development of star dunes, Dumont dune field, California, *Bulletin of the Geological Society of America*, **99** (2), 177-186.
- Niemeyer, H.D. 1984. Zur rechnerischen Ermittlung von Sturmprofilen und Randdünen und Stranden, *Jahrsbericht der Forschungstelle Küste*, **36**, 29-49. [codn]
- Niespodzi_ska, L. 1975. Effect of magnitude of eolian transport in sanding up of port approaches on the D_wirzyno example (in Polish), *Technologia Gospodarki Morskiej*, **25**, 489-491. [sdmo dnuse codn]
- Niespodzi_ska, L. 1978. Aeolian intermixing of beach material on the example of the experiment "Lubiatowo-76" (in Russian), in *Beach processes of the tideless sea*, Eds. Antisferov, S.M., Zeidler, R., Massel, S. and Mielczarski, A., *Prace Instytutu Budownictwa Wodnego Polskiej Akademii Nauk*, **5**, 397-402. [sdmo]
- Niespodzi_ska, L. 1980. Eolian transport of beach material, Lubiatowo-76", *Rozprawy Hydrotechniczne*, **41**, 213-402. [sdmo]
- Niessen, A.C.H.M., Koster, E.A. and Galloway, J.P. 1984. *Periglacial sand dunes and eolian sand*

sheets: an annotated bibliography, United States Geological Survey, Open File Report, 84-167, Menlo Park, CA, 61 pp.

Nieter, W.M. and Krinsley, D.H. 1976. The production and recognition of eolian features on sand grains by silt abrasion, *Sedimentology*, **23** (5), 713-720.

Niewiarkowski, W. 1970. The dunes of the Unislaw basin (in Polish), *Zeszyty Naukowe Uniwersytetu Mikotaja Kopernika Geografia*, **24**, 3-24. [stbdn

Nigra, J.O. 1974. Relative mobility of sand dunes as a function of grain mineralogy, *International Journal of Biometeorology*, **18**, (2), 111-112. [sdmo

Niigata Ancient Dune Research Group 1974. Niigata sand dune and archaeological relics - the geohistory of the formation of the Niigata sand dunes, Part **I**, (in Japanese), *Quaternary Research (Japan)*, **13** (2), 57-70. [stbdn

Niigata Ancient Dune Research Group 1978. The sand of the Niigata sand dunes: the geohistory of the formation of the Niigata sand dunes, Part **II**, (in Japanese), *Quaternary Research (Japan)*, **17** (1), 25-38. [stbdn abstract in Busche *et al.*, 1984

Nikiforov, L.G. 1960a. The question of the genesis of sand dunes developed in the area of marine transgression (southwestern Turkmenia), *Moskovskogo Universitieta, Vestnik, Seriya Geograficheskaya*, **18****

Nikiforov, L.G. 1960b. The existence of an outlet of the Uzboy through the Abzhaib, *Moskovskogo Universitieta, Vestnik, Seriya Geograficheskaya*, May-June, 69-72** [dune

Niklewski, B. 1952. Materials to the knowledge of the ecological conditions of the vegetation of the coastal dunes near Debki (on the Piasnica) (in Polish), *Prace Komisji Matematyczno-Przyrodniczego Poznanskie Towarzystwo Nauk*, **B 3**, 117-138. [dnveg codn

Niknam, F. and Ahranjani, B. 1976. *Dunes and development in Iran*, Ministry of Agriculture and Natural Resources, Iran, Forestry and Range Organization, 21 pp. [dnuse abstract in Busche *et al.*, 1984

Nikolayev, F.K. 1973. Results of forest crop growing in Surkhandarya sands, *Tashkentskogo Sel'skokhozyaystvennogo Instituta, Nauchnyye Trudy*, **42**, 37-49. [dnuse

Nikolayev, V.N. 1975. The protection of highways from sand drifts in the Murgabskaya plain, *Problemy Osvoeniya Pustyn*, (1), 92-95. [dnuse

Nikolayev, V.N. 1982. Experience of development and rational management of desert rangelands, in *Combating desertification in the USSR: problems and experience*, Centre for International Projects, UNEP/COM, Moscow, 120 pp. [dnveg dnuse

Nikolayev, V.N., Amangel'dyev, A.A. and Smetankina, V.A. 1975. Dynamics of the capacity of Turkmenistan desert pastures in harvest varying years, *Problems of Desert Development*, (5), 10-17. [dnveg dnuse

Nikolayev, V.N., Amangel'dyev, A.A. and Smetankina, V.A. 1977. *Desert rangelands: forage evaluation* (in Russian), Nauka, Moscow, 112** [dnveg dnuse

Ni Lamnha, E. 1982. The vegetation of salt marshes and sand dunes at Malahide Island, Co. Dublin, *Journal of Life Sciences, Royal Dublin Society*, **3**, 111-130. [dnveg codn

Nir, D. 1970. Problèmes du Quaternaire de la région de Plechete (plaine côtière méridionale), Israël, *Méditerranée*, **3**, 237-252. [codn

Nishikawa, M., Tanaka, K. and Ikeda, 1975. Studies on the fixation of drifting sand. 3. Relation between

sand surface moisture and control of drifting sand (in Japanese), *Bulletin of the Tottori University Forests*, **8**, 63-82. [sdmo dnuse

Nishizawa, K. 1978. Old sand dunes in the Nobi Plain (in Japanese), *Journal of Geography*, (Tokyo), **87** (4), 42-46. [stbdn

Noakes, F.C.T. 1932. Desert roads, *Royal Engineer's Journal*, **46**, 515-521. [dunelog ripple

Noel, Commandant 1923. Notes sur la formation des dunes dans le sud-oranais et dans l'Erg occidental, *S.G.D.* septembre et décembre, 195-210.

Noest, V. 1987. *Stabilisatie van stuifduinen. De rol van vegetatie en dynamiek van het substraat*, unpublished M.Sc. dissertation, University of Amsterdam, and Dune Water Works, the Hague, ** [codn dnveg

Nøkkentved, C. 1938. An investigation into the protective effect of wind fences and the choice of suitable types of natural fences, *Hedeselskabets Tidsskrift*, Viborg, **59** (4) 79-89. [wneroc but see Phillips and Willetts ! dnuse

Norberg, P. 1980. Mineralogy of a podzol formed in sandy materials in northern Denmark, *Geoderma*, **24** (1), 25-43. [dnsol

Nordin, C.F.Jr. 1971. *Statistical properties of dune profiles*, *United States Geological Survey, Professional Paper*, **462-F**, 41 pp. [dunelog ? dune ?

Nordin, C.F.Jr. and Algert, J.H. 1966. Spectral analysis of sand waves, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **92**, 95-114. [dunelog

Nordin, C.F.Jr. and Richardson, E.V. 1968. Statistical description of sand waves from streambed profiles, *Bulletin of the International Association of Scientific Hydrologists*, **13**, 25-32. [dunelog

Nordstrom, K.F. 1987. Shoreline changes on developed barriers, in *Cities on the beach*, Eds. Platt, R.H., Pelczarski, S.G. and Burbank, B.K.R., *Geography Research Paper*, **224**, University of Chicago, 65-79. [codn

Nordstrom, K.F., 1989. Dune grading along the Oregon coast, USA: a changing environmental policy, *Applied Geography*, **8** (8), 101-116. [codn dnuse

Nordstrom, K.F. and Loststein, E.L. 1989. Perspectives on resource use of dynamic coastal dunes, *Geographical Review*, **79** (1), 1-12. [dnuse codn

Nordstrom, K.F. and McCluskey, J.M. 1982. *The effects of structures on dune dynamics at Fire Island National Seashore*, Final Report, Center for Coastal and Environmental Studies, Rutgers University, New Brunswick, NJ, 70 pp. [dnuse codn

Nordstrom, K.F. and McCluskey, J.M. 1984. Considerations for the control of house construction in coastal dunes, *Coastal Zone Management Journal*, **12**, 385-402. [dnuse codn

Nordstrom, K.F. and McCluskey, J.M. 1985. The effects of houses and sand fences on the eolian sediment budget at Fire island, New York, *Journal of Coastal Research*, **1** (1), 39-46. [codn dnuse

Nordstrom, K.F., McCluskey, J.M. and Rosen, P.S. 1986. Aeolian processes and dune characteristics of a developed shoreline: Westhampton Beach, New York, in *Aeolian geomorphology*, Ed. Nickling, W.G., *Proceedings of the 17th Annual Binghampton Symposium on Geomorphology*, Allen and Unwin, London, 131-147. [codn dnuse

Nordstrom, K.F. and Psuty, N.P. 1980. Dune district management: a framework for shorefront protection and land use control, *Coastal Zone Management Journal*, **7**, 1-23. [dnuse codn

- Nordstrom, K.F. and Psuty, N.P. 1983. The value of coastal dunes as a form of shore protection in California, USA, *Coastal Zone '83*, American Society of Civil Engineers, New York, 873-885. [dnuse codn]
- Norem, H. 1975. *Designing highways situated in areas of drifting snow, Draft Translation*, **503**, United States Army Cold Regions Research Engineering Laboratory, Hanover, NH, 141 pp. [dnuse]
- Norris, R.M. 1956. Crescentic beach cusps and barchans, *Bulletin of the American Association of Petroleum Geologists*, **40** (7), 1681-1686. [dune]
- Norris, R.M. 1966. Barchan dunes of Imperial Valley, California, *Journal of Geology*, **74** (3), 292-306.
- Norris, R.M. 1969. Dune reddening and time, *Journal of Sedimentary Petrology*, **39** (1), 7-11. [dnsol]
- Norris, R.M., Keller, E.A. and Mayer, G.L. 1979. Geomorphology of the Salton Basin, California, selected observations, in *Geological excursions in the southern California area*, Ed. Abbott, P.L., Department of Geological Sciences, San Diego State University, 19-46. [dune]
- Norris, R.M. and Norris, K.S. 1957. Origin of the Algodones dunes of southeastern California (abstract), *Bulletin of the Geological Society of America*, **68** (12), 1838-1839.
- Norris, R.M. and Norris, K.S. 1961. Algodones dunes of southeastern California, *Bulletin of the Geological Society of America*, **72** (2), 605-620.
- Norris, R.M. and Norris, K.S. 1962. Stages in oxidation coloration in dune and barrier sands - a comment, *Bulletin of the Geological Society of America*, **73** (10), 1285-1286. [dnsol]
- Norrman, J.O. 1981. Coastal dune systems, in *Coastal dynamics and scientific sites*, Eds. Bird, E.C.F. and Koike, K, International Geographical Union / Komazawa University, 119-157. [codn abstract in Busche *et al.*, 1984 annexe]
- Norrman, J.O., Peterson, A. and Peterson, T. 1974. *Dynamorfologiska undersokningar i sodra Halland, Satens naturvardsverk*, **SNV PM 50**, Uppsala Universitetet Naturgeografiska Institutionen (UNGI), Uppsala, 247 pp. [codn dnuse]
- Norrman, J.O., Peterson, A. and Peterson, T. 1975. Coastal dunes in Sweden, *Coastal Research Notes*, **4**, 3-5. [codn dnuse]
- Nossin, J.J. 1962. Coastal sedimentation in northeast Johore (Malaya), *Zeitschrift für Geomorphologie*, **6**, 296-316. [codn]
- Nossin, J.J. 1964. Beach ridges on the east coast of Malaya, *Journal of Tropical Geography*, **18**, 111-117. [codn ?]
- Nossin, J.J. 1965. Analysis of younger beach ridge deposits in eastern Malaya, *Zeitschrift für Geomorphologie*, **9**, 186-208. [codn]
- Nowaczyk, B. 1967. Dunes and eolian cover sands between Skoki and Miescisko (in Polish), *Badania Fizygeograficzne nad Polska Zachodnia*, **A 19**, 197-209. [stbdn]
- Nowaczyk, B. 1968. Age of dune at Popowo Koscielne near Skoki in the light of pollen analysis and archaeological findings (in Polish), *Badania Fizygeograficzne nad Polska Zachodnia*, **A 21**, 167-179. [stbdn]
- Nowaczyk, B. 1976a. Eolian cover sands in central-west Poland, *Quaestiones Geographicae*, **3**, 57-77. [stbdn abstract in Niessen, *et al.* 1984]

- Nowaczyk, B. 1976b. *The genesis and development of inland dunes in the western part of the Warsaw - Berlin pradolina in the light of examinations in the structure, granulation and stratigraphy of the deposits which built them* (in Polish), Prace Komisji Geograficzno - Geologicznej, Poznańskie Towarzystwo Przyjaciół Nauk, **16**, 109 pp. [stbnd abstract in Niessen, *et al.* 1984 and Busche *et al.*, 1984]
- Nowaczyk, B. 1977. Eolian cover-sands: the prevailing notions on their morphology and structural and textural properties, *Przegląd Geograficzny*, **49** (3), 573-580. [stbnd]
- Nowaczyk, B., Pazdur, A., Pazdur, M.F. and Awiśuk, R. 1985. Stratigraphy and conditions of dune development at Pomorsko near Sulenchów in the light of new research works (in Polish), *Badania Fizygeograficzne nad Polską Zachodnią*, **A 35**, 103-127. [stbnd]
- Nowaczyk, B. and Pazdur, M.F. 1982. An attempt at dating by the ^{14}C method of fossil soils from the dune at Troszyn near Wolin, *Roczniki Geologiczne*, **33**, 3-4, 145-158. [stbnd dnsol]
- Nowaczyk, B. and Tobolski, K. 1968. Age of dune at Popowo Koscielne near Skoki in the light of pollen analysis and archaeological findings (in Polish), *Badania Fizygeograficzne nad Polską Zachodnią*, **21**, 167-179. [stbnd]
- Nowakowska, E. 1980. *Vascular flora of the coastal dunes of the Hel Spit in the interval Władysławowo - Jastarnia*, unpublished M.Sc. dissertation, ** Gdynia, ** [codn dnveg]
- Nowel, W., Atandsov, O. and Erd, K. 1972. Neue Ergebnisse zur Dünenbewegung im Baruther Urstromtal, geologische Untersuchungen einer Sandlagerstätte im Raum Cottbus, *Zeitschrift für Angewandte Geologie*, **18** (9), 410-418. [new data on dune migration in the ice-marginal Baruth valley, geology of a sand deposit at Cottbus stbnd]
- Nowicka, I. 1958. Les dunes du le sandr de Brda (in Polish, French summary), *Zeszyty Naukowe Uniwersytetu Mikołaja Kopernika w Toruniu (Geografia)*, **4**, 27-45. [stbnd]
- Noy, T. 1971. *Halutza Dunes: prehistoric survey*, Israel Museum, Jerusalem, ** [stbnd]
- Noyalet, A. 1978. Utilisation des images météosat: genèse et évolution d'une tempête de sable sur l'ouest Africain, *La Météorologie*, **14**, 113-115. [sdmo abstract in Busche *et al.* 1984]
- Nummedal, D. 1983. Barrier islands, in *Handbook of coastal processes and erosion*, Ed. Komar, P.D., CRC, Boca Raton, 77-54. [codn]
- Nunnayev, A.N. 1979. Water budget of barchan sands in southeastern Karakum, *Problems of Desert Development*, (1), 58-64. [dnhyd abstract in Busche *et al.*, 1984]
- Nurmukhamedov, A. 1973. *Timber reclamation of sands in the reservoir zone of the Karakum Canal Imeni V.I.Lenin* (in Russian), Turkmen Academy of Sciences, Ashkhabad, 19 pp. [dnuse]
- Nuryev, B.N. 1967. The use of K-4 polymer for shifting sands fixation, *Problemy Osvoeniya Pustin*, (2), 85-88. [dnuse glue]
- Nuryev, B.N., *et al.* 1969. Shifting sand fixation with clayey suspensions treated with K-4 and PAA polymers and latex, *Problemy Osvoeniya Pustin*, (5), ** [dnuse]
- Nuryev, B.N., Babayev, M.G., Aripov, E.A. and Kapurov, K. 1985. Stabilization of mobile sands with an asphalt emulsion paste, *Problems of Desert Development*, (2), 90-92. [dnuse glue]
- Oades, J.M. 1989. "Non-wetting" sands, *Biennial Report*, **1986-7**, Waite Agricultural Institute, Adelaide, 8-15. [dnsol]
- Oakley, K.P. 1952. Dating the Libyan Desert silica glass, *Nature*, **170** (4324), 447-449. [sand]

- Obeid, M.M. 1978. The impact of human activities and land use practices on the grazing lands in the Sudan, *Proceedings of the 1st International Rangeland Congress*, Ed. Hyder, D.N., Society for Range Management, Denver, Colorado, 48-51. [dnuse dnveg]
- Obeid, M. and Seif el Din, A. 1971. Ecological studies of the vegetation of the Sudan. III. The effect of simulated rainfall distribution at different isohyets of the regeneration of *Acacia senegal* (L) Wild. on clay and sandy soils, *Journal of Applied Ecology*, **8**, 203-216. [dnveg abstract in Busche *et al.*, 1984]
- Obeid, M.M. and Mahmoud, A. 1971. Ecological studies in the vegetation of the Sudan: the ecological relationships of the vegetation of Khartoum province, *Vegetatio*, **23**, 177-198. [dnveg]
- O'Brien, M. and Rindlaub, B.D. 1936. The transportation of sand by wind, *Civil Engineering*, **6** (5), 325-327. [sdmo]
- O'Brien, R.F. 1972. The barchans of the southern Namib: a grain-size analysis, *Proceedings of the 4th South African Geographical Congress*, 22-31. [sand or R.J.]??
- Obrutschev, V.A. 1911. ** dunes or loess** *Zur Frage der Entstehung des Lösses*, Tomsk, ** ??
- Odar, F. 1962. Scale factors for simulation of drifting snow, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **88** (HY1), 1-16. [sdmo]
- Odynsky, W. 1958. U-shaped dunes and effective wind directions in Alberta, *Canadian Journal of Soil Science*, **38**, 56-62. [stbdn abstract in Niessen, *et al.* 1984 or **35** ??
- Oertel, G.F. 1974. A review of the sedimentologic role of dunes in shoreline stability, *Bulletin of the Georgia Academy of Sciences*, **32**, 48-56. [codn]
- Oertel, G.F. and Larsen, M. 1976. Development sequences in Georgia coastal dunes and distribution of dune plants, *Bulletin of the Georgia Academy of Sciences*, **34**, 35-48. [codn]
- Oertel, G.F. and Leatherman, S.P., Eds. 1985. Barrier islands, *Marine Geology*, **63** (1-4), 396 pp. [codn]
- Off, T. 1963. Rhythmic linear sand bodies caused by tidal currents, *Bulletin of the American Association of Petroleum Geologists*, **47** (2), 324-341. [dunelog]
- Office of Environmental Protection, Xinjiang Autonomous Region 1977. *Tame the wind, harness the sand and transform the Gobi*, *United Nations Conference on Desertification*, **A/Conf/74/16**, Nairobi, 21 pp. [dnuse]
- Ohba, T., Miyawaki, A. and Tüxen, R., Eds. 1973. Pflanzengesellschaften der japansichen Dinen-Küsten, *Vegetatio*, **26**, 143 pp. [dnveg]
- Ohlson, B. 1957. Om flygsandfalten på Hietativat i östra Enontekiö, *Terra*, **69**, 129-13. [on the drift sand formations at the Hietatievat in eastern .. stbdn abstract in Niessen, *et al.* 1984 sdmo]
- Ohmori, H. 1980. Removal of dunes and its climatic significance in Australia (in Japanese), *Journal of Geography*, (Tokyo), **89** (3), 167-178. [stbdn]
- Ohmori, H., Iwasaki, K. and Takeuchi, K. 1983. Relationships between the recent dune activities and the rainfall fluctuations in the southern part of Australia, *Geographical Review of Japan*, **56** (3), 131-150. [sdmo RGS M 74 A/B in English dnuse]
- Okolowicz, W. 1947. Reconstruction of climate based on geomorphology (in Polish, English abstract), *Przegląd Geograficzny*, **21** (1-2), 83-91. [stbdn]
- Okolowicz, W. 1949. The geographical description of the dune Zadroze, *Studia Societas Scientorum, Torunensis*, Supplement, **1**, 7 pp. [stbdn ?]

- Okolowicz, W. 1952. Climatological criteria in geomorphological investigations in the North European lowland, (in Polish, English summary), *Z. Badania Czwartorzędu w Polsce (Polish Geological Institute Bulletin)*, **65**, 121-136. [or 1 ?? dune stbdn]
- Okolowicz, W. 1969. An attempt of characterising climatic conditions of the period of inland dunes development in Poland (in Polish, English abstract), in *Processes and forms in Polish dunes*, Ed. Galon R., Polskiej Akademii Nauk, Instytut Geografii, Prace Geograficzne, Warsaw, **75**, 19-38. [stbdn]
- Oksanen, J. 1983. Vegetation of forested inland dunes in northern Karelia, eastern Finland, *Jannales Botanici Fennici*, **20** (3), 281-295. [stbdn dnveg Jari]
- Old, K.M. and Nicolson, T.H. 1975. Electron microscopical studies of the microflora of roots of sand dune grasses, *New Phytologist*, **74**, 51-58. [dnsol codn dnveg]
- Oldham, R.D. 1903. A note on the sand hills of Clifton, near Karachi, *Memoir*, **34** (3), Geological Survey of India, 133-157. [dune codn ?]
- Oliver, F.W. 1913. Some remarks on Blakeney Point, Norfolk, *Journal of Ecology*, **1** (1), 4-15. [codn dnveg]
- Oliver, F.W. 1923-24. Scolt Head and Blakeney Point, *Transactions of the Norfolk and Norwich Naturalists Society*, **11**, 565-578. [codn dnveg]
- Oliver, F.W. and Salisbury, E.J. 19** Topography and vegetation of Blakeney Point, Norfolk, *Transactions of the Norfolk and Norwich Naturalists Society*, **9**, 485-542. [codn dnveg]
- Ollier, C.D. 1977. Outline geological and geomorphic history of the central Namib Desert, *Madoqua*, **10**, 207-212. [dune]
- Olsen, H.P., Due, P. and Clemmensen, L.B. 1989. Morphology and genesis of asymmetric adhesion warts - a new adhesion surface structure, *Sedimentary Geology*, **61** (3-4), 277-285. [dnbed ripple sdmo]
- Olson, J.S. 1951. *Vegetation-substrate relations in the Lake Michigan sand-dunes*, unpublished Ph.D. dissertation, University of Chicago, Department of Botany, **
- Olson, J.S. 1958a. Lake Michigan dune development. 1. Wind-velocity profiles, *Journal of Geology*, **66** (3), 254-263. [sdmo codn]
- Olson, J.S. 1958b. Lake Michigan dune development. 2. Plants as agents and tools in geomorphology, *Journal of Geology*, **66** (4), 345-351. [sdmo codn]
- Olson, J.S. 1958c. Lake Michigan dune development. 3. Lake level, beach and dune oscillations, *Journal of Geology*, **66** (5), 473-483. [codn]
- Olson, J.S. 1958d. Rates of succession and soil changes on Lake Michigan coastal sand dunes, *Botanical Gazette*, **119**, 125-170. [codn dnveg dnsol]
- Olsson, H. 1974. *Studies on south Swedish sand vegetation*, *Acta Phytogeographica Sueica*, **60**, 170 pp. [codn dnveg]
- Olsson, H. 1989. Dry coastal ecosystems of southern Sweden, in *Dry coastal ecosystems: Polar regions and Europe*, Ed. van der Meulen, F., *Ecosystems of the World*, **2 A**, 131-143. [dnveg dnecol codn]
- Olsson-Seffer, P. 1908. Relation of wind to topography of coastal drift sands, *Journal of Geology*, **16** (4), 549-564. [dune codn]

- Olsson-Seffer, P. 1910a. Genesis and development of sand forms on marine coasts, *Augustana Library Publications*, **7**, 10-41. [dune codn or 184 pp. ?? or 1908 ??]
- Olsson-Seffer, P. 1910b. The sand strand flora of marine coasts, *Augustana Library Publications*, **7**, 47-183. [dnveg codn]
- Olsson-Seffer, P. 1908/1909?? Genesis and development of sand formations on marine coasts, *Boletín de la Sociedad de Geografía y Estadística*, Mexico, ** [codn]
- Olsvig-Whittaker, L., Hosten, P.E., Marcus, I. and Shocat, E. 1983. Influence of grazing on sand field vegetation in the Negev desert, *Journal of Arid Environments*, **24** (1), 81-93. [dnuse dnveg]
- Ono, Tadahiro 1969. On the formation of coastal dunes from the point of view of archaeological geography in the case of western Japan (in Japanese), *Geographical Review of Japan*, **42**, 163-168. [codn]
- Onoszko, J. 1968. Calculation of aeolian transport of sand on the example of the conditions of the beach in the _eba region (in Polish), *Komunikaty Komitetu Badania Morza, Geologia-Geografia*, 327-346. [sdmo]
- Oosterveld, P. 1979. Maaien, grazen of stuiven; via natuurbeheer naar meer natuur, *Duin*, **2**, 3-8. [codn dnveg dnuse]
- Oosterveld, P. 1985. Grazing in dune areas: the objectives of nature conservation and the aims of research for nature conservation management, in *Sand dunes and the management*, Ed. Doody, P., *Focus on Nature Conservation*, **13**, Nature Conservancy Council, Peterborough, 187-203. [codn dnveg dnuse]
- Oosting, H.J. 1954. Ecological processes and vegetation of the maritime strand in the United States, *Botanical Review*, **20**, 226-262. [codn dnveg]
- Oosting, H.J. and Billings, W.D. 1942. Factors affecting vegetational zonation on coastal dunes, *Ecology*, **23** (April), 131-142. [codn dnveg or 21 ??]
- Opdyke, N.D. 1961. The palaeoclimatological significance of desert sandstone, in *Descriptive palaeoclimatology*, Ed. Nairn, A.E.M., Interscience, New York, 45-60. [dnbed]
- Opdyke, N.D. and Runcorn, S.K. 1960. Wind direction in the western United States in the Late Palaeozoic, *Bulletin of the Geological Society of America*, **71** (7), 959-972. [dnbed]
- Oppenheim, R. 1937. The Oosterduinen, *Levende Natuur*, **41**, 334-337. [dnveg codn]
- Ordemann, W. 1912. Beiträge zur morphologischen Entwicklungsgeschichte der deutschen Nordseeküste mit besonderer Berücksichtigung der Dünen tragenden Inseln, *Mitteilungen der geographischen Gesellschaft, Thür.*, **30**, 15-150. [codn]
- Oremus, P.A.I. 1979. A quantitative study of nodulation in *Hippophaë rhamnoides* L. ssp. *rhamnoides* in a coastal dune area, *Plant and Soil*, **52**, 59-68. [dnveg]
- Oremus, P.A.I. 1980. Occurrence and effective potential of the endophyte of *Hippophaë rhamnoides* L. ssp. *rhamnoides* in coastal sand-dune areas, *Plant and Soil*, **56**, 123-129. [dnveg]
- Oremus, P.A.I. and Otten, H. 1981. Factors affecting growth and nodulation of *Hippophaë rhamnoides* L. ssp. *rhamnoides* in soils from two successional stages of dune formation, *Plant and Soil*, **63**, 317-331. [codn dnveg]
- Orford, J.D. and Carter, R.W.G. 1985. Storm-generated dune armouring on a gravel barrier system, southeastern Ireland, *Sedimentary Geology*, **42** (1-2), 55-82. [codn]

- Orford, J.D. and Whalley, W.B. 1983. The use of fractal dimension to quantify the morphology of irregular particles, *Sedimentology*, **30** (5), 655-668. [sand]
- Orlovsky, G.S. 1962. Some data on sand storms in Turkmenia, *Sb. Rabot*, Ashkhabad GMO, (3), 17-41. [sdmo]
- Orme, A.R. 1973a. Barrier and lagoon systems along the Zululand coast, South Africa, in *Coastal geomorphology*, Ed. Coates, D.L., *Publications in Geography*, **7**, State University of New York, Binghamton, New York, 181-217. [codn]
- Orme, A.R. 1973b. Coastal dune systems of northwest Baja California, *Technical Report*, **0-73-1**, Department of Geography, University of California, Los Angeles, CA, 43 pp. [codn]
- Orme, A.R. 1988. Coastal dunes, changing sea level, and sediment budgets, in *Dune / beach interaction*, Ed. Psuty, N.P., *Journal of Coastal Research, Special Issue*, **3**, 127-129. [codn]
- Orme, A.R. and Tchakerian, V.P. 1986. Quaternary dunes of the Pacific coast of the Californias, in *Aeolian geomorphology*, Ed. Nickling, W.G., *Proceedings of the 17th Annual Binghamton Symposium on Geomorphology*, Allen and Unwin, London, 149-175. [codn]
- Orshan, G. 1955. A vegetation map of the sand dunes of the southern Acre plain, *Israel Exploration Journal*, **5**, 109-113. [dnveg]
- Orshan, G., Gavish, U. and Borovic, I. 1968. *Use of vegetation as an indicator for soil properties under desert conditions*, Final Technical Report, October 1965 - December 1966. Negev Institute of Arid Zone Research, Beer Sheva, United States Department of the Army, Contract DA-91-591-EC-3806, ref. **AD-680-935**, 50 pp. [dnuse dnveg abstract in Busche *et al.*, 1984]
- Orshan, G. and Zohary, M. 1962. Vegetation of the sand deserts in the western Negev of Israel, *Vegetatio*, (den Haag), **11** (3), 112-120. [dnveg]
- Ostrovskiy, I.M. 1976. The role of side winds in the formation of aeolian relief, *Zemlevedeniye*, **11** (51), 143-150. [dune or (5) ??]
- Ostrovskiy, I.M. 1977. Sands of the Obrnshev steppe in the Kara-Kum canal zone and possibilities for their reclamation (in Russian English summary), in *Aridnya Pochvy ikh Genezis, Geokhimiya, Ispol'zovanie*, Akademii Nauk, SSR, Editions Nauka, Moscow, 137-147. [dnuse dune abstract in Busche *et al.*, 1984]
- Ota, Y. and Seto, N. 1968. Note on the problem of sand dunes at the coastal area along the Sagami Bay, Ranagawa Prefecture, central Japan, *Science Reports*, Yokohama National University, (11) **14**, 35-60 [codn dnuse]
- Otterman, J. and Gornitz, V. 1983. Saltation vs soil stabilization: two processes determining the character of surfaces in arid regions, *Catena*, **10** (4), 339-362. [aeolian, sdmo]
- Otto, G.H. 1938. The sedimentation unit and its use in field sampling, *Journal of Geology*, **46** (4), 569-582. [sand]
- Otto, G.H. 1939. A modified logarithmic probability graph for the interpretation of mechanical analyses of sediments, *Journal of Sedimentary Petrology*, **9** (2), 62-76. [sand]
- Otvos, E.G.J. 1971. Relict eolian dunes and the age of the "Prairie" coastwise terrace, southeastern Louisiana, *Bulletin of the Geological Society of America*, **82** (6), 1753-1758. [stbdn]
- Oura, H., Ed. 1967. *Physics of snow and ice*, *Proceedings of the International Conference on Low Temperature Science*, **1** (2), ** [sdmo]

- Oura, H., Ishida, T., Kobayashi, D., Kobayashi, S. and Yamada, T. 1967. Studies on blowing snow, *Proceedings of the International Conference on Low Temperature Science*, **1** 2, 1099-1117. [sdmo]
- Oura, H. and Kobayashi, D. 1968. A study on drifting snow, *Publication*, **86**, International Association of Scientific Hydrology, 303-308. [sdmo]
- Ousseini, L. 1988. Morphostratigraphie et interprétation des dépôts éolien entre Sirba et Dargol dans le Moyen Niger (république du Niger), *Würzberger geographische Arbeiten*, **69**, 211-231. [stbdn pald]
- Ovchinnikov, G.D. 1970. Dune structure in northern Kazakhstan (in Russian), *Vsesoyuznoe Geograficheskoe Obschches'tvo, Izvestiya*, **102** (3), 293-294. [dnbed ?]
- Ove Arup and Partners (n.d.). *Desert sand problems and their control*, Saudi Arabia, Ministry of Communications, Technical Administration for Roads and Ports, 97 pp. [dnuse]
- Overbeck, F. 1929. Wanderdünen und Pflanzenwuchs, *Natur und Museum*, **59**, 79-80. [dune codn]
- Ovezliyev, A.O. 1969. Afforestation along the sandy banks of the Karakum Canal, *Problems of Desert Development*, (1), 20-26. [dnveg dnuse]
- Ovezliyev, A.O. 1987. Experience in sand reclamation in Turkmenistan, *Problems of Desert Development*, (5), 21-26. [dnveg dnuse]
- Ovezliyev, A.O., et al. 1972. *Fixation and afforestation of sands in the central Amudarya oasis: recommendations*, Ylym, Ashkhabad, 24 pp. [dnuse]
- Ovezliyev, A.O., et al. 1979. *Phytoreclamation in Turkmenian deserts*, Ylym, Ashkhabad, 116 pp. [dnuse]
- Ovezliyev, A.O. and Frelov, M.I. 1970. Forestry reclamation in Turkmenia, *Problems of Desert Development*, (2)m 70-77. [dnveg dnuse]
- Ovezliyev, A.O. and Lavrov, A.P. 1977. *The takyrs and sands of Turkmenistan and their reclamation for plant growing*, Turkmen Academy of Sciences, Institute of Deserts, Moscow, 22 pp. [dnveg dnuse]
- Ovezliyev, A.O. and Romanov, Y.A. 1971. Afforestation of hardened sands at the Sredneamuradar'inskiy Oasis, *Problems of Desert Development*, (2), 115-131. [dnuse stbdn]
- Ovezliyev, A.O. and Svintsov, I.P. 1972. Protection of the planned track of the fourth Karakum Canal section from sand drifts and deflation, *Problems of Desert Development*, (4), 70-75. [dnuse dnveg]
- Ovezliyev, A.O., Svintsov, I.P. and Romanov, Y.A. 1972. *Fixation and afforestation of sands at the Sredneamudar'inskiy Oasis. Recommendations*, **, Ashkhabad, 24 pp. [dnuse dnveg]
- Ovington, J.D. 1950. The afforestation of Culbin Sands, *Journal of Ecology*, **38**, 303-319. [codn dnveg dnuse]
- Ovsyannikov, L.S., Ed. 1972. *Experience in the study and development of eastern Karakums. Collection dedicated to the 50th anniversary of the Repetek Sand-Desert Station*, **, Ashkhabad, 128 pp. [dnveg dnecol dnuse]
- Ovington, J.D. 1951. The afforestation of Tentsmuir Sands, *Journal of Ecology*, **39**, 363-375. [codn dnveg dnuse]
- Oweis, I. and Bowman, J. 1981. Geotechnical considerations for construction in Saudi Arabia, *Proceedings of the American Society of Civil Engineering, Journal of the Geotechnical Engineering Division*, **107**, (GT 3), 319-338. [dnuse]
- Owen, P.R. 1964. Saltation of uniform grains in air, *Journal of Fluid Mechanics*, **20** (2), 225-242. [sdmo]

- Owen, P.R. 1980. Sand movement mechanism, in *Workshop on the Physics of Desertification*, International Centre for Theoretical Physics, Trieste, Italy, ** [sdmo]
- Owen, P.R. 1985. Erosion of dust by a turbulent wind, in *The physics of desertification*, Ed. Hassan, M.H.A., *Conference Proceedings*, Khartoum, United Nations Educational, Scientific and Cultural Organization (UNESCO), ** [sdmo]
- Owen, P.R. and Gillette, D. 1985. Wind tunnel constraint on saltation, *Proceedings of the International Workshop on the Physics of Blown Sand*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 253-270. [sdmo]
- Owens, J.S. 1918. Discussion on Mr.Harding King's paper: "Study of a dune belt", *Geographical Journal*, **51** (4), 254-256.
- Owtadolojam, E. 1978. An appraisal of the efficiency and economics of materials and methods used for sand dune stabilization in Khuzistan, Iran, *Seminar on watershed management*, Peshawar, 20-24 September, 1977, CENTO, Ankara, 206-216. [dnuse summary in Busche *et al.* 1984]
- Ozanne, P.G., Kirton, D.J. and Shaw, T.C. 1961. The loss of phosphorus from sandy soils, *Australian Journal of Agricultural Research*, **12**, 409-423. [dnuse dnsol stbdn]
- Ozenda, P. 1958. *Flore du Sahara septentrional et central*, Centre national de la Recherche scientifique, Paris, 486 pp. [2nd edition 1977 dnveg]
- Pachur, H.-J. 1966. Untersuchungen zur morphoskopischen Sandanalyse, *Berliner geographische Abhandlungen*, **4**, 33 pp. [abstract in Busche *et al.*, 1984]
- Pachur, H.-J. 1967. Beobachtungen über die Bearbeitung von feinkornigen Sandakumulationen im Tibesti-Gebirge, *Arbeitsberichte aus der Forshungstation Bardai/Tibesti*, *Berliner geographische Abhandlungen*, **5**, 23-26. [dune]
- Packer, I.J. and Ison, R.L. 1980. Stabilization of aeolian sand in the Braidwood area, *Journal of the Soil Conservation Service of New South Wales*, **36** (2), 90-99. [codn dnuse abstract in Busche *et al.*, 1984]
- Pacyk, F. 1958. *Mobile dunes of the _eba bar*, unpublished M.Sc. dissertation, ** Gda_sk, ** [codn]
- Page, K.J. 1971. Australian landform example, **20**: Riverine source-bordering sand dune, *Australian Geographer*, **11** (6), 603-605.
- Page, R. 1980. *The effects of trampling on a sand dune system*, unpublished Ph.D. dissertation, University of Wales, ** [dnuse dveg]
- Page, R.R., da Vinha, S.G. and Agnew, A.D.Q. 1985. The reaction of some sand-dune plant species to experimentally imposed environmental change: a reductionist approach to stability, *Vegetatio*, **61** (1-3), 105-114. [codn dnveg]
- Pain, C.F. 1976. Late Quaternary dune sands and associated deposits near Aotea and Kawhai Harbours, North Island, New Zealand, *New Zealand Journal of Geology and Geophysics*, **19**, 153-177. [codn]
- Palagshvili, V.M. 1974. *Use of bitumen emulsions for the fixation of shifting sands*, Railway Transportation Engineers Institute, Moscow, 24 pp. [glue dnuse]
- Pandey, S. 1969. Some aspects of the geomorphology of the Indian arid zone, *Annals of Arid Zone*, **8** (2), 196-208. [dgeom dune ?]

- Pandey, S. 1971. Some aspects of the geomorphology of the Indian arid zone, *Proceedings of the Symposium on the Arid Zone*, Eds. Roy, B.B., *et al.*, Commission of Geography, Calcutta, 28-32. [dune]
- Pandey, S. and Ghose, B. 1981. Geomorphology of Luni Basin in Rajasthan, India, *Proceedings of the 21st International Geographical Congress, Abstracts of Papers*, New Delhi, 29. [stbdn abstract in Busche *et al.*, 1984]
- Pandey, S., Singh, S. and Ghose, B. 1971. Orientation, distribution and origin of sand-dunes in the central Luni Basin, *Proceedings of the Symposium on Problems of the Indian Arid Zone*, Jodhpur (1964), 84-91. [or 91-94 ??]
- Pannekoek, A.J. 1935. Geomorphological observations in the dunes near Bergen aan Zee (in Dutch), *Levende Natuur, Special Issue (J.P.Thijssse Festschrift)*, 50-56. [codn]
- Pannewitz, ** 1832. *Anleitung zum Anbau der Sandflächen*, ** [dnuse codn]
- Panteleev, L.S. and Shishov, L.L. 1981. Genesis and properties of Jeffar Plain sands (in Russian), *Problems of Desert development*, (2), 36-45. [dune abstract in Busche *et al.*, 1984 stbdn]
- Pantin, H.M., Hamilton, D. and Evans, C.D.R. 1981. Secondary flow caused by differential roughness, Langmuir circulations, and their effects on the development of sand ribbons, *Geo-Marine Letters*, **1**, 255-260. [dunelog ripple sdmo]
- Paquerau, M. and Prenant, A. 1961. *Note préliminaire à l'étude morphologique et palynologique de la Grand Dune du Pilat (Gironde)*, *P.V. Société linéenne, Bordeaux*, **98**, 12 pp. [codn]
- Pareau, A.H. 1911. What the water works of The Hague tells us about the hydrological conditions of the dunes, *Tijdschrift Koninklijk Nederlands Aardrijkskundig Genootschap*, 2, **28**, 729-257. [codn dnhyd dnuse]
- Park, D.W., Yi, B.S., Park, Y.H. and Im, C.J. 1980. *A study on the development and use of coastal dunes of Korea*, Monograph of the Ministry of Education, Seoul, 86 pp. [codn dnuse]
- Park, D.W. and You, K.B. 1979. A study on the morphology of the coastal dunes of the western coast of Korea, *Journal of Geography of the Seoul National University*, **6**, 1-10. [codn]
- Parker, W.R. 1975. Sediment mobility and erosion on a multibarred foreshore (S.W. Lancashire, U.K.), in *Nearshore sediment dynamics and sedimentation*, Eds. Hails, J. and Carr, A., John Wiley and Sons, Chichester, 151-178. [codn]
- Parodi, L.R. 1938. *Plantas psamofilas indígenas, que pueden ser cultivadas para consolidar dunas*, Jornadas Agronomicas y Veterinarias, Universidad de Buenos Aires, 13 pp. [dnuse dnveg]
- Parrau, A. 19... Observations sur les dunes littorales de l'époque actuelle et de l'époque pliocène en Algérie et Tunisie, *Bulletin de la Société géologique de France*, 3^e Série, **18**, 245- ... [codn dnbed]
- Parrish, J.T. and Peterson, F. 1988. Wind directions predicted from global circulation models and wind directions determined from eolian sandstones of the western United States - a comparison, *Sedimentary Geology*, **56** (1-4), 261-282. [dnbed]
- Parry, D.E. and Wickens, G.E. 1981. The qozes of southern Darfur, Sudan Republic, *Geographical Journal*, **147** (3), 307-321. [stbdn dune]
- Partsch, J. 1917. Dünenbeobachtungen im Alterum, *Berichte Verhandlungen der Königliche Sächsischen Gesellschaft der Wissenschaften zu Leipzig*, 27 pp. [dune stbdn]
- Paschai, A. 1974. Quantitative Untersuchungen zur Winderosion in Dünen-feldern am Beispiel von

- Khuzestan/Südiran, in *Beiträge zur physischen Geographie Irans*, Ed. Ehlers, E., *Marburger geographische Schriften*, **62**, 67-91. [dune dnuse abstract in Busche *et al.*, 1984]
- Paskoff, R.P. 1985a. Tunisia, in *The world's coastline*, Eds. Bird, E.C.F. and Schwartz, M.L., Van Nostrand Reinhold, New York, 523-527. [codn]
- Paskoff, R.P. 1985b. *Les littoraux. Impact des aménagements sur leur évolution*, Collections géographiques, Editions Masson, Paris, 185 pp. [codn dnuse]
- Paskoff, R.P. 1987. Le delta de la Medjerda (Tunisie): presentation géomorphologique, in *Les deltas méditerranéennes*, Eds. Bethemont, J. and Villian-Gandossi, C., Centre européenne de Coordination de Recherche, Vienna, 365-379. [stbdn]
- Paskoff, R.P. 1989. Les dunes du littoral, *La Recherche*, **212**, 888-895. [codn]
- Paterson, D.R. 1981. Coastal dune management in Victoria, *Proceedings of the 5th Australian Conference on Coastal and Ocean Engineering*, Perth, 150-152. [codn dnuse abstract in Busche *et al.*, 1984]
- Patrick, G.R. and Reid, W.H. 1980. Plant succession in the parabolic interdunes at White Sands National Monument, *Arizona-Nevada Academy of Science Journal*, **15**, 12-13. [dnveg]
- Patro, B.C. and Sahu, B.K. 1974. Factor analysis of sphericity and roundness data of clastic quartz grains: environmental significance, *Sedimentary Geology*, **11** (1), 59-78. [sand]
- Patro, B.C. and Sahu, B.K. 1977. Discriminant analysis of sphericity and roundness data of clastic quartz grains in rivers, beaches and dunes, *Sedimentary Geology*, **19**, 301-311. [sand]
- Patro, C. and Behra, R.N. 1979. Cashew helps to fix sand dunes in Orissa, *Indian Farming*, **28** (12), 31-32. [dnuse dnveg]
- Patton, R.T. 1934. Coastal sand dunes, *Proceedings of the Royal Society of Victoria*, **47**, 135-157. [codn]
- Paul, K. 1944. Morphologie und vegetation der Kurische Nehrung. I. Gestaltung der Bodenformen in ihrer Abhängigkeit von der Pflanzendecke, *Acta Nova Leopoldina Carol.*, NF **13**, 217-378. [codn dnveg or 215- ??]
- Paulauskas, J. 1957. Afforestation of coastal sands in the Lithuanian SSR in the last decennium (1945-1955), *Trudy Inst. Forest Econ.*, **1957** (2), 177-183. [dnuse codn]
- Pavlik, B.M. 1980. Patterns of water potential and photosynthesis of desert dune plants, Eureka Valley, California, *Oecologia*, **46** (2), 147-154. [dnhyd dnveg abstract in Busche *et al.*, 1984]
- Pavlik, B.M. 1983. Nutrient and productivity relations of the dune grasses *Ammophila arenaria* and *Elymus mollis*. 3. Spatial aspects of clonal expansion with reference to rhizome growth and dispersal of buds, *Bulletin of the Torrey Botanical Club*, **110**, 271-279. [dnveg codn]
- Pawluk, S. and Dudas, M.J. 1982. Pedological investigation of a grey luvisol developed from eolian sand, *Canadian Journal of Science*, **62** (1), 49-60. [dnsol]
- Peabody, F.E. 1947. Current crescents in the Triassic Moenkopi Formation, *Journal of Sedimentary Petrology*, **17** (2), 73-76. [dnbed ?]
- Peacock, J.D. 1966. Contorted beds in the Permo-Triassic aeolian sands of Morayshire, *Bulletin of the Geological Survey of Great Britain*, **24**, 157-162. [dnbed]
- Pearsall, W.H. 1934. North Lancashire sand dunes, *Naturalist*, **764**, 201. [codn dnveg]

- Pedersen, A. 1947. Vegetation of coastal dunes on Fanø, *Botanisk Tidsskrift*, **50**, 1-34. [dnveg codn]
- Peel, R.F. 1979. Geomorphological observations in western Tibesti, 1961, in *Festschrift für Wolfgang Meckelein*, Eds. Borchert, C. and Grotz, R., *Stuttgarter geographische Studien*, **93**, 53-66. [dune]
- Peeters, L. 1983. Les dunes continentales de la Belgique, *Bulletin de la Société belge de la Géologie*, **52**, 51-62. [stbdn]
- Pei Zhangqin, Guo Guoping, Yang Fazeng and Liu Weitung 1983. The testament of sand stabilization by asphalt emulsions, *Journal of Desert Research*, **3**, 3-29. [dnuse glue]
- Peignot, Lt. 1913. Notice sur la subdivision de Zigueï, *La Géographie*, **27**, 322-323. [stbdn Chad nice maps of transverse dunes]
- Pejta, P. 1947. *Coastal dunes and forests and the stabilization of coasts (in Polish)*, Instytutu Badawczy Les_ictwa, Wydawnictwa Pomocnicze Techniczno-Gospodarcze, **B 11**, 71 pp. [dnuse codn]
- Pelisek, J. 1963. Pleistozäne Dünensande in der tschechoslovakischen sozialistischen Republik, *Eiszeitalter und Gegenwart*, **14**, 216-223. [stbdn]
- Pemadasa, M.A. and Lovell, P.H. 1974. The mineral nutrition of some dune annuals, *Journal of Ecology*, **62**, 647-657. [codn dnveg]
- Pemadasa, M.A. and Lovell, P.H. 1976. Effects of the timing of the life-cycle on the vegetative growth of some dune annuals, *Journal of Ecology*, **64**, 213-222. [codn dnveg]
- Peoples' Republic of China, Sinkiang Uighur Autonomous Region, Office of Environmental Protection 1977. *China: tame the wind, harness the sand and transform the Gobi. Summary report on the experiences of the Sinkiang Turfan people in combatting Desertification*, United Nations Conference on Desertification (UNCOD), August 29 - September 9, Nairobi, **A/CONF/74/16**, 21 pp. [dnuse abstract in Busche *et al.*, 1984]
- Pernarowski, L. 1958. Les recherches sur les dunes de la Basse Silésie (in Polish, French abstract), in *Wydny srodalowe Polski*, **1**, Ed. Galon, R., PWN, Warsaw, 171-199. [or Pernarewski ?? stbdn]
- Pernarowski, L. 1959. Summary: notes on sorting of aeolian sand (in Polish), *Czaspismo Geograficzne*, **30**, 33-60.
- Pernarowski, L. 1960. Application of statistical methods in investigating dune forms, *Przeg_l_d Geograficzny, Supplement*, **32**, 57-66.
- Pernarowski, L. 1961. Sand-hills formation in the light of the dead dunes in Lower Silesia, *Abstracts of Papers, Proceedings of the 6th Congress*, International Quaternary Research Association (INQUA), Warsaw, 65. [stbdn]
- Pernarowski, L. 1962. O procesach wydmocworczych w swietle, badan urtwalonych form wydmouch Delnego Slaska, *Czaspismo Geograficzne*, **33** (2), 175-197. [The processes of dune formation in view of conditions in Lower Silesia stbdn]
- Pernarowski, L. 1966. Glacial and postglacial atmospheric circulation in the light of the directions of dune-forming winds (in Polish, English abstract), *Czaspismo Geograficzne*, **37** (1), 2-24. [stbdn]
- Pernarowski, L. 1968. The dune area in the Opole region (in Polish), in *Studia geograficzno fizyczne a obszaru opolszczyzny. T. Opole*, Instytut Slaski, 102-134. [stbdn]
- Perrin, R.M.S., Davies, H. and Fysh, M.D. 1974. Distribution of Late Pleistocene aeolian deposits in eastern and southern England, *Nature*, **248** (5446), 320-323. [stbdn abstract in Niessen, *et al.* 1984]

- Perruset, M. 1954. *Les vents de sable en Tunisie, Météorologie national*, Service météorologique de Tunisie, Tunis, 8 pp. [sdmo]
- Perszke, M. 1963. *The dunes in the region of Krynica Morska* (in Polish), unpublished M.Sc. dissertation, ** Torun, 187 pp. [codn]
- Perthuisot, P. and Jauzein, A. 1975. Sebkhas et dunes d'argile; enclave endoreique du Pont du Fahs, Tunisie, *Revue de Géographie physique et de Géologie dynamique*, **17** (3), 295-306. [stbdn]
- Pesce, A. 1971. Erg Idrisi and Hamada Ibn Battutah: two "new" geographical features of southeastern Libya, *Symposium on the Geology of Libya*, University of Libya, Faculty of Science, Tripoli, 351-363. [dune]
- Peterfreund, A.R. 1981. Visual and infrared observations of wind streaks on Mars, *Icarus*, **45** (2), 447-467. [dune]
- Peters, J.R. 1943. Continental drift and ancient sand dunes, *Science*, **98** (2533), 60. [dnbed]
- Petersen, M. 1942. Wanderdünen auf der Leba-Nehrung an der ospommerschen Küste, *Umschau*, **46**, 201-203. [dune codn]
- Peterson, F. 1988. Pennsylvanian to Jurassic eolian transportation systems in the western United States, *Sedimentary Geology*, **56** (1-4), 207-360. [dnbed]
- Peterson, F. and Pipiringos, G.N. 1979. Stratigraphic relations of the Navajo Sandstone to Middle Jurassic formations, southern Utah and northern Arizona, *United States Geological Survey, Professional Paper*, **1035-B**, 1-43. [dnbed]
- Peterson, K.M. and Billings, W.D. 1978. Geomorphic processes and vegetational change along the Meade River sand bluffs in northern Alaska, *Arctic*, **31**, 7-23. [stbdn dune abstract in Niessen, *et al.* 1984 dnveg]
- Petitjean, L. 1937a. *Carte mensuelles de la répartition des vents de sables et de pluies au Sahara, Mémoire*, **27**, Office national météorologique de France, ** [sdmo]
- Petitjean, L. 1937b. *Généralités sur les vents de sable et pluies de boue, Mémoire*, **27**, Office national météorologique de France, ** [sdmo]
- Petrov, M.P. 1933. Kornevje sistemy ratsenii peschanoi pustyni Karakumy, ikh raspredelenie i vzaimootnosheniia v sviazi s ekologicheskimi usloviiami (English summary), *Trudy Po Prinladnoi Botanike, genetike I Selektzii*, Serii 1 (1), 113-208. [dune dnveg ? abstract in Busche *et al.*, 1984]
- Petrov, M.P. 1939. Bewegte Sande der Wüste, ihre Wanderungen und Akumulationsformen, *Izvestiya Gos Geografii*, **71** (8), ** [dune]
- Petrov, M.P. 1940. The relief of mobile sands in deserts and semi-deserts, and the rules of their formation (In Russian), *Transactions of the Institute of Geography of the ** SSR*, **36**, ** [dune]
- Petrov, M.P. 1948. Le relief des barkhanes des déserts et ses rapports de sa genèse avec la théorie, *Akademii Nauk, SSSR, Instituta Geografii, Vestnik*, **39**, 184-** [dune]
- Petrov, M.P. 1950. *Shifting sands and their control*, Akademii Nauk, SSSR Press, ** 454 pp. [dnuse dune]
- Petrov, M.P. 1959a. Afforestation and sand fixation in the Chinese People's Republic, *Lesnoe Khosaistve*, (8), ** [dnuse]
- Petrov, M.P. 1959b. *Ordos: description physico-géographique (in Chinese), Publication*, **2**, Recueil Comptes rendus de Travaux d'Exploration Complexe de Déserts de Sable de la Chine, Peking, ** [dune]

Petrov, M.P. 1961a. The mineralogical and granulometric composition of the eolian sands of the Ordos, the eastern Alashan and the middle Yellow River (in Russian), *Leningradskogo Universiteta, Vestnik*, **6**, *Seriya Geologii i Geografii*, (1), **

Petrov, M.P. 1961b. *Geographic explorations in the deserts of central Asia*, United States Joint Publications Research Service, JPRS **9221**, 31 pp. [or 7221 dune]

Petrov, M.P. 1962. On the grain size and mineral composition of sands in East Central Asian deserts (in Russian), ** dunes *Leningradskogo Universiteta, Vestnik*, **12**, *Seriya Geologii i Geografii*, **2**, 65-**

Petrov, M.P. 1966a. *The deserts of central Asia. 1. The Ordos, Alashan and Perishan*, Nauka, Leningrad, United States, Department of Commerce, Joint Publications Research Service, JPRS **39.145**. Washington, DC, 357 pp. [dune]

Petrov, M.P. 1966b. A review of the literature on the reclamation of desert and semi-desert sands in the USSR for 1965 (in Russian), *Akademiia Nauk, Turkmenskoi SSR, Izvestiya, Seria Biologicheskikh Nauk*, **6**, 79-87. [dnuse abstract in Busche *et al.*, 1984]

Petrov, M.P. 1967. *The deserts of central Asia. 2. The Hoshi Corridor, Tsaidam and Tarim Basin*, United States, Department of Commerce, National Technical Information Service, United States of America, JPRS **39145**, Washington, DC, 335 pp. [dune na soas]

Petrov, M.P. 1971a. Sand stabilization in arid lands: protection of agricultural and settlement areas, in *Food, fiber and the arid lands*, Eds. McGinnies, W.G., Goldman, B.J. and Paylore, P., University of Arizona Press, Tucson, AZ, 355-368. [dnuse geog qtos xf 75 mcg]

Petrov, M.P. 1971b. Die innerasiatischen Wüsten im Vergleich zu den Vebrigen Ariden raumen der nordlichen afroasiatischen Wüsten-Region, in *Die Sahara und ihre Rangebiete*, Ed. Schiffers, H., Band Physiogeographie, IFD Institut für Wirtschaftsforschung, München, *Afrika-Studien*, **60**, 51-58. [dune ?]

Petrov, M.P. 1971c. Results and prospects of the afforestation of shifting sands in USSR deserts and semi-deserts (1960-1968) (in Russian), in *Desert natural conditions and shifting sands*, Ylym, Ashkhabad, 89-104. [dnuse]

Petrov, M.P. 1973a. Sand deserts and semideserts of the USSR and prospects of their development during 1972, *Problems of Desert Development*, (5), 81-90. [dnuse]

Petrov, M.P. 1973b. *Deserts of Turkmenistan and development of them. Bibliography, 1950-1965*, Ashkhabad, ** [dnuse]

Petrov, M.P. 1973c. Review article: sand deserts and semi-deserts of the U.S.S.R. and prospects of their development during 1972, *Problems of Desert Development*, (5), 81-90. [dnuse]

Petrov, M.P. 1974. *World experience on shifting sands fixation and afforestation in the deserts of the globe*, LSU (Leningrad State University ??) Press, ** [dnuse]

Petrov, M.P. 1976. *Deserts of the world*, Translated by Lavott, R., John Wiley and Sons, Chichester, 447 pp. [geog f 22 pet also soas or 1975 ?? dune]

Petrov, M.P., Movchan, B.N. and Derevyanko, V.G. 1979. A two-dimensional space-frequency spectral analysis of the periodic structure of a wind dune (in Russian), *Vestnik Leningradskogo Universiteta Geologiya-Geografiya*, **6** (1), 108-110.

Petrov, V.I. 1983. Shifting sand dunes stabilization in RSFSR arid zone, *Problems of Desert Development*, (5), 1983. 60-62. [dnuse]

- Petruchevskii, B.A. 1937. De l'origine des trains de sable du Karakum, *Gosudarstvennoe Geograficheskoe Obschches'tvo, Izvestiya*, **69** (6), 956-967. [dune]
- Pettijohn, F.J., Potter, P.E. and Siever, R. 1987. *Sand and sandstone*, 2nd Edition, Springer-Verlag, New York, 618 pp. [geol e 57 pet dnbed]
- Péwé, T.L. 1974. Geomorphic processes in Polar deserts, in *Polar deserts and modern man*, Eds. Smiley, T.L. and Zumberge, J.H., University of Arizona Press, Tucson, AZ, 33-52. [dune]
- Péwé, T.L. 1975. *Quaternary geology of Alaska, United States Geological Survey, Professional Paper*, **835**, 145 pp. [dune abstract in Niessen, *et al.* 1984]
- Péwé, T.L., Ferrians, O.J.Jr., Nichols, D.R. and Karlstrom, T.N.V. 1965. Central and southern Alaska, in *Guidebook for Field Conference F*, Eds. Schultz, C.B. and Smith, H.T.U., International Quaternary Research Association (INQUA), **VIII**th Congress, Nebraska Academy of Sciences, Lincoln, NB, 141 pp. [stbdn]
- Péwé, T.L., Hopkins, D.M. and Giddings, J.L. 1965. The Quaternary geology and archaeology of Alaska, in *The Quaternary of the United States*, Eds. Wright, H.E. and Frey, D.G., Princeton University Press, Princeton, NJ, 355-373. [stbdn abstract in Niessen, *et al.* 1984]
- Pfeifer, L. and Grunert, J. 1989. Heavy mineral associations in dune sands and soils in the Sahel and the Sudan (Niger, Burkina Faso, Togo), in *Palaeoecology of Africa and the surrounding islands*, **20**, Ed. Heine, K., Balkema, Rotterdam, 55-68. [dnsol]
- Phillips, C.J. and Willetts, B.B. 1978. A review of selected literature on sand stabilization, *Coastal Engineering*, **2** (2), 133-147. [dnuse abstract in Busche *et al.*, 1984]
- Phillips, C.J. and Willetts, B.B. 1979. Predicting sand deposition at porous fences, *Proceedings of the American Society of Civil Engineers, Journal of the Waterways, Port, Coastal, Oceanic Division*, **105** (WW1), 15-31. [dune abstract in Busche *et al.*, 1984]
- Phillips, J.A. 1882. The red sands of the Arabian desert, *Quarterly Journal of the Geological Society of London*, **38**, 110-113. [dune dnsol]
- Phillips, J.R.H. 1962. Berrigan Sandhills - studies in stabilization, *Journal of the New South Wales Soil Conservation Service*, **18**, 56-61. [dnuse dnveg or philips ??]
- Pias, J. and Guichard, E. 1957. Origines et conséquences de l'existence d'un cordon sableux dans le partie sud-ouest de la cuvette tchadienne, *Comptes rendus de l'Académie des Sciences, Paris*, **244**, 791-793. [codn ? stbdn ?]
- Picard, L. and Avnimeleche, M. 1937. On the geology of the central coastal plain, *Bulletin the Geology Department*, **4**, Hebrew University of Jerusalem, 1-45. [codn]
- Picard, X. 1977. Estudio de un campo de dunas en la region de Concinetas, Goajira Venezoland, in *Tema 1. Estratigrafia, palentologia y sedimentacion, Congreso Geologica Venezuela*, **5** (1), 33-44. [dune]
- Picha, F. 1978. Deposition and diagenetic history of Pleistocene and Holocene eolitic sediments and sabkhas in Kuwait, Persian Gulf, *Sedimentology*, **25** (3), 427-50.
- Pickard, J. 1972. Rate of movement of transgressive sand dunes at Cronulla, New South Wales, *Journal of the Geological Society of Australia*, **19** (2), 213-216. [codn dune]
- Pickersgill, A.O. and Hunt, G.E. 1979. The formation of martian lee waves generated by a crater, *Journal of Geophysical Research*, **84** (B14), 8317-8331. [dune]

Pickworth Farrow, E. 1917. On the ecology of the vegetation of Breckland. III. General effects of rabbits on the vegetation, *Journal of Ecology*, **5**, 1-18. [dnveg]

Pidgeon, I.M. 1940. The ecology of the central coastal area of New South Wales. III. Types of primary succession, *Proceedings of the Linnaean Society of New South Wales*, **65**, 221-249. [codn dnveg]

Pierce, J.W. 1969. Sediment budget along a barrier island chain, *Sedimentary Geology*, **3** (1), 5-16. [codn]

Pierce, W.D. 1939. The fauna and flora of the El Segundo sand dunes. 5. Biotic factors affecting plant growth, reproduction and succession on the sand dunes, *Southern California Academy of Sciences, Bulletin*, **38**, 39-42. [codn dnveg]

Pieters, J.B. 1989. The policy of the Dutch government towards dune conservation, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J.H., SPB Academic, The Hague, 231-238. [codn dnuse]

Pilarczyk, L. 1958. Les dunes situées entre Warta et la Notec (in Polish, French Summary), in *Wydmysładowe Polski*, **II**, Ed. Galon, R., PWN, Warszawa, 87-93. [stbdn]

Pilarczyk, L. 1959. Researches on the geomorphology of the vicinity of Gorzow Wlkp (in Polish, English abstract), *Badania Fizyograficzne nad Polska Zachodnia*, **5**, 97-109. [stbdn]

Pilarczyk, L. 1961a. Koscianki. Dunes in the eastern part of the area of the Warta and the Notec, *Proceedings of the 6th INQUA Congress, Guidebook of Excursion A. the Great Poland Lowland*, 28-31. [stbdn]

Pilarczyk, L. 1961b. La morphologie et l'âge des dunes de la partie et de l'interfluve Warta-Notec, *Abstracts of Papers, Proceedings of the 6th Congress*, International Quaternary Research Association (INQUA), Warsaw, 66. [stbdn]

Pilarczyk, L. 1962. Remarks on some morphological features and age of dunes of the east part of the Warta-Notec interfluve (in Polish, English abstract), *Badania Fizyograficzne nad Polska Zachodnia*, **A 9**, 147-157. [stbdn or **29** ??]

Pilarczyk, L. 1976. The Warta-Notec interfluve as a dune field with regard to terraces and other surfaces (in Polish), *Badania Fizyograficzne nad Polska Zachodnia*, **A 29**, 45-80. [stbdn]

Pilgrim, G.E. 1908. The geology of the Persian Gulf and adjoining portions of Persia and Arabia, *Memoirs*, **34**, Geological Survey of India, 7-54. [sand dune]

Pilkey, O.H., Morton, R.W. and Luternauer, J. 1967. The carbonate fraction of beach and dune sands, *Sedimentology*, **8**, 311-327. [codn]

Pinto, C., Silovsky, E., Henley, F., Rich, L., Parcell, J. and Boyer, D. 1972. *The Oregon dunes. NRA resource inventory*, Forest Service, Pacific Northwest Region, United States Department of Agriculture, Portland, 294 pp. [codn]

Piotrowska, H. 1979. Natural resistance against mechanical destruction in plant communities on Baltic coast dunes, *Zeszyty Naukowe Uniwersytetu Gdańskiego, Biologia*, **1**, 5-14. [codn dnveg]

Piotrowska, H. 1988. The dynamics of the dune vegetation on the Polish Baltic coast, *Vegetatio*, **77** (1-3), 169-176. [codn dnveg]

Piotrowska, H. 1989. Natural and anthropogenic changes in sand dunes and their vegetation on the southern Baltic coast, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J.H., SPB Academic, The Hague, 33-40. [codn dnveg dnuse]

- Piotrowska, H. and Chojnacki, W. 1965. Psammophilous vegetation of the Wolin Island and that of southeastern Uznam, *Badania Fizyograficzne nad Polska Zachodnia*, **16**, 123-170. [codn dnveg]
- Piotrowska, H. and Stasiak, J. 1982a. The plant communities on the dunes of the Vistula Spit and their anthropogenic changes, *Fragmenta Floristica Geobotanica*, **28**, 161-180. [codn dnveg]
- Piotrowska, H. and Stasiak, J. 1982b. The natural and anthropogenic zonal changes of vascular flora on the non-forest coastal dunes of the Vistula Spit, *Fragmenta Floristica Geobotanica*, **28**, 371-396. [codn dnveg]
- Pissart, A. 1966. Le rôle géomorphologique du vent dans la région de Mould Bay (Île Prince Patrick - N.W.T. Canada), *Zeitschrift für Geomorphologie*, NF **10**, 226-236. [dune stbdn abstract in Niessen, *et al.* 1984]
- Pissart, A. 1970. The importance of wind in the geomorphology of the Mould Bay area, Prince Patrick Island (N.W.T. Canada), in *Processes and methods in Canadian geography: geomorphology*, Eds. Nelson, J.G. and Chambers, M.J., Methuen, London, ** [dune]
- Pissart, A. 1975. Banks Island, North West Territory: pingos, wind action and periglacial structures, in *Report of activities, Quaternary sedimentology and geomorphology, Canadian Geological Survey Paper*, **75-1 (A)**, 479-481. [stbdn abstract in Niessen, *et al.* 1984]
- Pissart, A., Ed. 1976a. *Géomorphologie de la Belgique*, Laboratoire de Géologie et Géographie Physique, Université de Liège, 224 pp. [stbdn]
- Pissart, A. 1976b. Les dépôts et la morphologie périglaciaires de la Belgique, in *Géomorphologie de la Belgique*, Ed. Pissart, A., Laboratoire de Géologie et Géographie Physique, Université de Liège, 115-135. [stbdn abstract in Niessen, *et al.* 1984]
- Pissart, A., Vincent, J.-S. and Edlund, S.A. 1977. Dépôts et phénomènes éoliens sur l'Île de Banks, territoires du Nord-ouest, Canada, *Canadian Journal of Earth Science*, **14** (11), 2462-2480. [dune abstract in Busche, *et al.* 1984, abstract in Niessen, *et al.* 1984 stbdn]
- Pitaud, G. 1967. L'hydrologie et la végétation dans les dunes du littoral aquitain, *Bulletin of the International Society of Scientific Hydrology*, **12**, 27-36. [codn dnhyd dnveg]
- Pizzey, J.M. 1975. Assessment of dune stabilisation at Camber, Sussex, using air photographs, *Biological Conservation*, **7** (4), 275-288. [codn dnveg dnuse]
- Plitcha, W. 1970. The relationship of age to podsolization degree of soils formed from dune sand on the Swina sand bars, *Studia Societa Scientiarum Torunensis, Geographia-Geologia*, **C 7** (3), 1-64. [dnsol stbdn]
- Pluis, J.L.A. and de Winder, G.B.M. 1989. Spatial patterns in algae colonization of blowouts, *Catena*, **16** (4-5), 499-506. [codn dnveg]
- Plyter, P., Dawson, J., Luoma, A., Peterson, A. and Kunkler, K. 1966. *Thirty-one years of progress, 1935-1966, Warrenton Dune*, Soil and Water Conservation District, Clatsop County, Oregon, ... [codn dnuse]
- Podbielkowski, Z. 1962. *The plants on dunes* (in Polish), Państwowe Zakłady Wydawnictw Szkolnych, Warsaw, 126 pp. [dnveg]
- Podgornov, A.S. 1980. *Shifting sands fixation with binding substances: a review*, ** Moscow, ** [dnuse glue]
- Podgornov, A.S. and Kim, V.I. 1972. Nerosine, an effective preparation for sand fixation along tracks of main gas pipelines, *Problems of Desert Development*, (1), 81-84. [dnuse glue]

- Poe, E. 1945. Lashing down the dunes, *United States Department of Agriculture, Soil Conservation Service*, (July), 3-6. [dnuse]
- Poelman, J.N.B., Bouma, J. and Wösten, J.H.M. 1989. Significance of low-chroma mottles in drained sandy soils in the Netherlands, *Journal of the Soil Science Society of America*, **53** (2), 591-592. [dnsol]
- Poinsot, C. 1989. Conservation and development of coastal dunes of the Nord-Pas de Calais seashore, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J.H., SPB Academic, The Hague, 261-268. [codn dnuse]
- Polianski, W. 1956. *Pleistocene in the Vistula Gap across the southern uplands*, *Geological Studies*, **9**, Polish Institute of Geology, Warsaw, ** [stbdn]
- Poldervaart, A. 1957. Kalahari sands, *Proceedings of the 3rd Panafrican Congress on Prehistory*, Livingstone, 1955, 106-114. [dune]
- Polkanova, L.P. 1978. Eolian relief (in Russian), in *Osnovy Metodiki Strukturno-Geomorfologicheskikh Issledovaniy pri Neftegazoposkovykh Rabotakh*, Eds. Maksimov, S.P., *et al.*, Vsesnoyuznyy Nauchno-Issledovatel'skiy Geolograzvedochnyy Neftyanoy Institut, Trudy, Moscow, 198: 177-195. [dune]
- Pollack, J.B., Haberle, R., Greeley, R. and Iversen, J.D. 1976. Estimates of the wind speeds required for particle movement on Mars, *Icarus*, **29** (3), 395-417. [sdmo]
- Pollet, H. 1929. Sur l'électricité atmosphérique au cours des vents de poussière du nord del la Chine, *Comptes rendus de l'Académie des Sciences, Paris*, **188**, 406** [sdmo]
- Polyakova, A.I. 1967. New method for the growing of protective vegetation on the shifting sands of the Terek-Kuma interfluvium (in Russian), in *Upgrading forest belt effectiveness in the struggle against droughts and soil erosion*, Kolos, Moscow, 113-117. [dnuse]
- Pompeckj, J.F. 1906. Barchane in Süd-Peru, *Zentralblatt für Mineralogie, Geologie und Paläontologie*, Stuttgart, 373-378. [dune]
- Pool, R.J. 1914. A study of the vegetation of the Sand Hills of Nebraska, *Minnesota Biological Studies*, **4** (3), 189-312. [dnveg abstract in Busche *et al.*, 1984]
- Poole, F.G. 1962. Wind directions in the Late Palaeozoic to Middle Mesozoic time on the Colorado Plateau, in *Short Papers in geology, hydrology and topography*, *United States Geological Survey, Professional Paper*, **450-D**, 147-151. [dnbed]
- Poole, F.G. 1964. Palaeowinds in the western United States, in *Problems in palaeoclimatology*, Ed. Nairn, A.E.M., Interscience, New York, 394-405. [dnbed]
- Popkes, M. 1986. *Untersuchungen zum Abbruch von Dünen und Kliffs bei Sturmfluten*, unpublished M.Sc. dissertation, **, Braunschweig, ** [codn]
- Porarinnsson, S. 1981. Hellnaskngi og aldur hans, *Jokull*, **31**, 74-80. [dune]
- Porter, J.J. 1962. Electron microscopy of sand surface textures, *Journal of Sedimentary Petrology*, **32** (1), 124-125.
- Porter, M.L. 1986. Sedimentary record of erg migrations, *Geology*, **14** (6), 497-500. [dnbed]
- Porter, M.L. 1987. Sedimentology of an ancient erg margin: the Lower Jurassic Aztec Sandstone, southern Nevada and southern California, *Sedimentology*, **34** (4), 661-680. [dnbed]
- Poser, H. 1948a. Äolische Ablagerungen und Klima des Spätglazials in Mittel- und Westeuropa, *Naturwissenschaften*, **35**, 269-276; 307-312. [dune stbdn brief abstract in Busche *et al.*, 1984]

- Poser, H. 1948b. Boden- und Klima-Verhältnisse in Mittel- und West-Europa während der Würmeiszeit, *Erdkunde*, **2** (1-3), 53-68. [stbnd dnsol]
- Poser, H. 1950. Zur Rekonstruktion der spätglazialen Luftdruckverhältnisse in Mittel und Westeuropa auf Grund der vorzeitlichen Binnendünen, *Erdkunde*, **4** (1-2), 81-88. [dune stbnd]
- Potter, P.E. 1967. Sand bodies and sedimentary environments: a review, *Bulletin of the American Association of Petroleum Geologists*, **51** (3), 337-365. [dnbed]
- Potts, E.A. 1968. *The geomorphology of the sand dunes of South Wales with special reference to Gower*, unpublished Ph.D. dissertation, University of Wales, 3 volumes, 348 pp. [codn]
- Poupeau, G., Souza, J.H. and Rivera, A. 1985. Thermoluminescence dating of Pleistocene sediments. A review of some preliminary results on sand formations from Brazil, in *Quaternary of South America and the Antarctic peninsula*, **3**, Ed. Rabassa, J., Balkema, Rotterdam, 9-42. [codn stbnd ?]
- Poupon, J. 1957. Une expérience de fixation des dunes dans l'extrême-sud de Madagascar, *Revue de Bois et Forêts des Tropiques*, **55**, 9-19. [codn dnuse abstract in Busche *et al.*, 1984]
- Powers, M.C. 1953. A new roundness scale for sedimentary particles, *Journal of Sedimentary Petrology*, **23** (2), 117-119. [sand]
- Powers, R.W., Ramirez, L.F., Redmond, C.D. and Elberg, E.L.Jr. 1966. *Geology of the Arabian Peninsula: sedimentary geology of Saudi Arabia*, United States Geological Survey, Professional Paper, **560-D**, 147 pp. [dune]
- Powlowski, M.A. 1903. Les villes disparues et la côte du Pays de Médoc, *Bulletin de Géographie historique et Descriptive*, 323-369. [dnuse codn]
- Prakash, M. and Chowdhary, M. 1957. Reclamation of sand dunes in Rajasthan, *Indian Forester*, **83** (8), 492-496. [dnuse]
- Prakash, M. and Pathank, S. 1957. Brick planting in shifting sands of west Rajasthan, *Indian Forester*, **83** (8), 224-225. [dnuse]
- Pratje, O. 1942. Das Verhalten der Dünen beim Ostwärtswandern der ostfrieschen Inseln, *Geologische Rundschau*, **33**, 8-15. [codn]
- Prego, A.J., *et al.* 1964. Forestacion de medianos en la region Pampeana, *Publicacion*, **78**, Instituto de Suelos y Agrotecnica, 17 pp. [dnuse]
- Prego, A.J., *et al.* 1966. *Estabilizacion de medianos mediante forestacion en la region Pampeana*, *Publicacion*, Inta. Instituto de Suelos y Agrotecnica, Publicaion, **100**, 17 pp. [dnuse]
- Prego, A.J., Ruggiero, R.A., Alberti, F.R. and Prohaska, F.J. 1971. Stabilization of sand dunes in the semi-arid Argentine Pampas, in *Food, fiber and the arid lands*, Eds. McGinnies, W.G., Goldman, B.J. and Paylore, P., University of Arizona Press, Tucson, AZ, 369-392. [dnuse Geog qtos XF 75 MCG abstract in Busche *et al.*, 1984]
- Prenant, A. 1951. Morphologie de la plaine de la Zousfana, *Travaux de l'Institut de Recherches sahariennes*, **7**, 23-68. [dune]
- Prescott, J.A. and Piper, C.S. 1932. The soils of the South Australian mallee, *Transactions of the Royal Society of South Australia*, **56**, 118-146. [stbnd dnsol]
- Prescott, J.R. 1983. Thermoluminescence dating of sand dunes at Roonka, South Australia, *PACT*

(*Journal of the European Study Group on Physical, Chemical and Mathematical Techniques Applied to Archaeology*), **9**, 505-512. [stbdn]

Prescott, J.R.V. and White, H.P. 1960. Sand formations in the Niger Valley between Niamey and Bourem, *Geographical Journal*, **126** (2), 200-203. [stbdn abstract in Busche *et al.*, 1984]

Prestel, D.J. and El-Baz, F. 1979. Microscopic characteristics of quartz sand from the arid environment of the Gilf Kebir, southwest Egypt, *Reports of Planetary Geology Program, 1978-1979*, **TM-80339**, National Aeronautics and Space Administration (NASA), Washington, DC, 293-295.

Prestel, D.J., Wainwright, J.E. and El-Baz, F. 1979. Mineralogy and morphology of the coatings on sand grains from the Gilf Kebir, southwestern Egypt (abstract), *EOS, Transactions of the American Geophysical Union*, **60** (46), 872.

Prestel, D.J., Wainwright, J.E. and El-Baz, F. 1980. Studies of coatings on sand grains from the Gilf Kebir, southwestern Egypt (abstract), *Reports of Planetary Geology Program, 1978-1979*, **TM-81776**, National Aeronautics and Space Administration (NASA), Washington, DC, 238-240.

Preusser, H. 1976. *The landscapes of Iceland: types and regions*, Junk, The Hague, 363 pp. [dune abstract in Niessen, *et al.* 1984]

Pribly, V. 1970. Dunes in the Abu Roasch and Giram el Ful near Kahira (in Czech), *Cesoslovenska polecnost Zemepisna Sbornik*, **75**, 163-166.

Pribly, V. 1972. Geomorphology of eolian sands in Czechoslovakia (in Czech), *Cesloslovenska Akademiya Ved, Rospravy Rada Matematickych Pcirodnich Ved.*, **82** (1), 69 pp. [dune stbdn]

Price, A. 1984. The application of digital terrain models to the geomorphological analysis of sand dunes, *Swansea Geographer*, **21**, 97-101. [codn]

Price, V.J. 1974. A dune is reborn, *Soil Conservation*, **39**, 41-46. [codn dnuse]

Price, W.A. 1933. The role of diastrophism in the topography of Corpus Cristi County, Texas, *Bulletin of the American Association of Petroleum Geologists*, **17** (8), 907-962. [dune stbdn or 1936 ?? stbdn]

Price, W.A. 1947. Geomorphology of depositional surfaces, *Bulletin of the American Association of Petroleum Geologists*, **31**, 1784-1800. [dune ?]

Price, W.A. 1949. Pocket gophers as architects of mima (pimple) mounds of the western United States, *Texas Journal of Science*, **1**, 1-17. [stbdn dune?]

Price, W.A. 1950. Saharan sand dunes and the origin of the longitudinal dune: a review, *Geographical Review*, **40** (3), 462-465.

Price, W.A. 1958. Sedimentology and Quaternary history of South Texas, *Transactions of the Gulf Coast Association of Geological Societies*, **8**, 410-475. [dune codn]

Price, W.A. 1959. The barchans of southern Peru: a review (of Finkel, 1959), *Geographical Review*, **50** (4), 585-586. [dune]

Price, W.A. 1962. Stages of oxidation coloration in dune and barrier sands with age (abstract), *Bulletin of the Geological Society of America*, **73** (10), 1281-1283. [comment by Norris, R.M. and Norris, S.K.S., *Ibid.*, 1285. dnsol]

Price, W.A. 1963. Physico-chemical and environmental factors in clay-dune genesis, *Journal of Sedimentary Petrology*, **33** (3), 766-778. [stbdn]

- Price, W.A. 1964. The sand ridge deserts of Australia (review), *Geographical Review*, **54** (1), 118-120. [dune]
- Price, W.A. 1969. Clay dune, in *Encyclopedia of geomorphology*, Ed. Fairbridge, R.W., Reinhold, New York, 1295. [stbdn]
- Price, W.A. and Kornicker, L.S. 1961. Marine and lagoonal deposits in clay dunes, Gulf Coast, Texas, *Journal of Sedimentary Petrology*, **31** (2), 245-255. [sand stbdn]
- Price, W.I.J. 1961. The effects of the characteristics of snow fences on the quantity and shape of the deposited snow, *Publication*, **54**, International Association of Scientific Hydrology (IASH-AIHS), 89-98. [dune dnuse]
- Priesmeier, K. 1970. Form und Genese der Dünen des Listlands auf Sylt, *Naturwissenschaftlicher Verien für Schleswig-Holstein, Schriften*, **40**, 11-51. [codn abstract in Busche *et al.*, 1984]
- Priesmeier, K. 1973. Barchane als Küstdünen bei Maspalomas auf Gran Canaria, *Mitteilungen der geographische Gesellschaft der München*, **58**, 69-77. [codn dune]
- Prill, R.C. 1968. Movement of moisture in the unsaturated zone in a dune area, southwestern Kansas, *United States Geological Survey, Professional Paper*, **600-D**, 1-9. [dnuse dnhyd stbdn abstract in Busche *et al.*, 1984]
- Prishchepa, A.V. 1984. The wind erosion status of sandy surfaces in the zone of phase of the Kara Kum Canal, *Problems of Desert Development*, (2), 79-83. [dnuse]
- Prokopovich, N.P. 1980. Discussion: engineering geology of arid areas, *Bulletin of the Association of Engineering Geology*, **17**, 95-99. [dnuse]
- Pronskus, J. 1923. *The Kursiu Nerija, the Sahara of Lithuania* (in Lithuanian), Rytas, Klaipeda, 51 pp. [dune codn]
- Prusinkiewicz, Z. 1961. Forest-soil problems in the region of coastal dunes of the Swina Gateway (in Polish, English abstract), *Badania Fizygeograficzne nad Polska Zachodnia*, **7**, 147-157. [stbdn dnsol dnuse codn]
- Prusinkiewicz, Z. 1969. The soils of inland dunes in Poland (in Polish, English abstract), in *Procesy i formy wydmowe w Polsce*, Ed. Galon, R., *Polskiej Akademii Nauk, Instytut Geografii, Prace Geograficzne*, Warsaw, **75**, 117-144. [stbdn dnsol]
- Prusinkiewicz, Z. and Norysiewicz, B. 1966. Problem of age of podzols on brown dunes of bay bars of river Swina in the light of a palynological analysis and dating by radiocarbon, (In Polish, English abstract), *Zeszyty Naukowe, Uniwersytetu Mikotaja Kopernika*, **14**, *Geografia*, **5**, 75-88. [stbdn dnsol]
- Pryor, W.A. 1971a. Reservoir inhomogenities of some Recent sand bodies, *Society of Petroleum Engineers, American Institute of Mining, Metallurgy and Petroleum Engineering, Preprint Paper, SPE*, **3607**, 12 pp. [dnbed dnuse]
- Pryor, W.A. 1971b. Petrology of Weissliegende sandstones in the Harz and Werra-Fulda areas, Germany, *Geologische Rundschau*, **60**, 524-552. [dnbed]
- Pryor, W.A. 1971c. Grain shape, in *Procedures in sedimentary petrology*, Ed. Carver, R.E., John Wiley and Sons, New York, 131-158. [sand]
- Pryor, W.A. 1973. Permeability-porosity patterns and variations in some Holocene sand bodies, *Bulletin of the American Association of Petroleum Geologists*, **57** (1), 162-189. [dnbed]

- Psuty, N.P. 1966. Beach-ridge development in Tabasco, Mexico, *Annals of the Association of American Geographers*, **55** (1), 112-124. [codn]
- Psuty, N.P. 1967. *The geomorphology of beach ridges in Tabasco, Mexico*, *Coastal Studies Series*, **18**, Louisiana State University Press, Baton Rouge, 51 pp. [codn]
- Psuty, N.P. 1969. Beach nourishment by eolian processes, Paracas, Peru, *Proceedings of the 10th Meeting of the New York-New Jersey Division, Association of American Geographers*, **3**, 117-123. [codn sdm]
- Psuty, N.P. 1986. Principles of dune-beach interaction related to coastal management, *Thalassas*, **4**, 11-15. [codn dnuse]
- Psuty, N.P., Ed. 1988a. *Beach-dune interaction*, *Journal of Coastal Research, Special Issue*, **3**, 136 pp. [codn]
- Psuty, N.P. 1988b. Sediment budget and beach / dune, *Journal of Coastal Research, Special Issue*, **3**, 1-4. [codn]
- Psuty, N.P. 1988c. Balancing reaction and environmental system in a 'natural area', Perdido Key, Florida, USA, *Ocean and Shoreline Management*, **11**, 395-408. [codn]
- Psuty, N.P. 1989a. Foredune mobility and stability, Fire Island, New York, U.S.A., in *Coastal dunes process and morphology*, Eds. Nordstrom, K.F. Psuty, N.P. and Carter R.W.G. John Wiley and Sons, New York, 159-176. [codn]
- Psuty, N.P. 1989b. An application of science to management problems in dunes along the Atlantic coast of the U.S.A., in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 289-307. [codn dnuse]
- Psuty, N.P. and Allen, J.R. 1987. Analysis of dune crestline changes, Fire Island, New York, U.S.A., in *International Geomorphology 1986*, **I**, Ed. Gardiner, V., John Wiley and Sons, Chichester, 1169-1183. [codn]
- Psuty, N.P., Allen, J.R. and Starcher, R. 1988. Spatial analysis of dune crest mobility, Fire Island National Seashore, New York, in *Dune/beach interaction*, Ed. Psuty, N.P., *Journal of Coastal Research, Special Issue*, **3**, 115-120. [codn]
- Psuty, N.P., Beckwith, W. and Craig, A.K. 1968. *1000 selected references to the geography, oceanography, geology, ecology, and archaeology of coastal Peru and adjacent areas*, Paracas Papers, **, **1**, 52 pp. [dune]
- Psuty, N.P. and Millar, S.W.S. 1989. Coastal dunes: a question of zonality, *Essener geographische Arbeiten*, **18**, 149-169. [codn]
- Pugh, H.L.D. 1950. *Snow fences*, *Road Research Technical Paper*, **19**, Road Research Laboratory, Her Majesty's Stationery Office, London, ** [dnuse abstract in Busche *et al.*, 1984]
- Pugh, H.L.D. and Price, W.I.J. 1954. Snow drifting and the use of snow fences, *Polar Record*, **7**, 4-23. [dnuse dunelog]
- Pullan, R.A. 1964. The recent geomorphological evolution of the south central part of the Chad basin, *Journal of the West African Science Association*, **9**, 115-139. [stbdn]
- Pullan, R.A. 1969. Geomorphology and pedological investigations in the south central part of the Chad basin, Nigeria, *Palaeoecology of Africa*, **4**, 49-52. [stbdn dnsol]
- Puls, W. 1981. Numerical simulation of bed form mechanics, *Mitteilungen des Institut für Meereskunde der Universität von Hamburg*, **24**, 147 pp. [dunelog]

- Pulvertaft, T.C.R. 1985. Eolian dune and wet interdune sedimentation in the Middle Proterozoic Dala Sandstone, Sweden, *Sedimentary Geology*, **44** (1-2), 93-111. [dnbed]
- Pumpelly, R. 1866. *Geological researches in China, Mongolia and Japan during the years 1862 to 1865, Contribution*, **202**, Smithsonian Institution of Washington, 162 pp. [dune ?]
- Pumpelly, R., Ed. 1908. *Explorations in Turkestan*, 2 volumes, *Publication*, **73**, Carnegie Institute of Washington, 303, ** pp. [dune ? soas main FDG.L1]
- Purcell, F.A.Jr. 1965. *Elephant-head sand shadows near Palm Springs Station, California*, unpublished Report, University of Southern California, 17 pp. [dune]
- Purdie, R. 1984. *Land systems of the Simpson Desert region, Division of Water and Land Resources Series*, **2**, Commonwealth Scientific and Industrial Organization (CSIRO), Melbourne, 71 pp. [dune]
- Purer, E. 1936. Studies of certain sand dune plants of southern California, *Ecological Monographs*, **6**, 1-87. [dnveg]
- Putzer, H. 1962. *Geologie von Paraguay*, Gebrüder Borntraeger, Berlin, 184 pp. [stbdn ?]
- Pye, K. 1980. *Geomorphological evolution of coastal dunes in a humid tropical environment, North Queensland*, unpublished Ph.D. dissertation, University of Cambridge, 413 pp. [codn]
- Pye, K. 1981. Rate of dune reddening in a humid tropical climate, *Nature*, **290** (5807), 582-584. [dnsol very brief abstract in Busche *et al.*, 1984]
- Pye, K. 1982a. Morphological development of coastal dunes in a humid tropical environment, Cape Bedford and Cape Flattery, North Queensland, *Geografiska Annaler*, **A 64** (3-4), 212-227. [codn abstract in Busche *et al.*, 1984]
- Pye, K. 1982b. Morphology and sediments of the Ramsay Bay sand dunes, Hinchinbrook Island, North Queensland, *Proceedings of the Royal Society of Queensland*, **93**, 31-47. [codn]
- Pye, K. 1982c. Negatively skewed aeolian sands from a humid tropical coastal dunefield, northern Australia, *Sedimentary Geology*, **31**, 249-266.
- Pye, K. 1982d. Characteristics and significance of some humate-cemented sands (humicretes) at Cape Flattery, Queensland, Australia, *Geological Magazine*, **119** (3), 229-242. [dnsol]
- Pye, K. 1982e. SEM observations on some sand fulgurites from northern Australia, *Journal of Sedimentary Petrology*, **52** (3), 991-998.
- Pye, K. 1983a. Formation and history of Queensland coastal dunes, *Zeitschrift für Geomorphologie, Supplement Band*, **45**, 175-204. [codn abstract in Busche *et al.*, 1984]
- Pye, K. 1983b. Dune formation on the humid tropical sector of the North Queensland Coast, Australia, *Earth Surface Processes and Landforms*, **8** (4), 371-381. [codn abstract in Busche *et al.*, 1984 annexe]
- Pye, K. 1983c. Coastal dunes, *Progress in Physical Geography*, **7** (4), 531-546. [codn]
- Pye, K. 1983d. Formation of quartz silt during humid tropical weathering of dune sands, *Sedimentary Geology*, **34**, 267-282.
- Pye, K. 1983e. Coastal dune formations of northern Cape York Peninsula, Queensland, *Proceedings of the Royal Society of Queensland*, **94**, 33-39. [codn]
- Pye, K. 1983f. Early post-depositional modification of aeolian sands, in *Eolian sediments and processes*,

Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 197-221. [stbnd dune dnsol]

Pye, K. 1983g. Red beds, in *Chemical sediments and geomorphology: precipitates and residua in the near-surface environment*, Eds. Goudie, A.S. and Pye, K., Academic Press, London, 227-263. [dnsol]

Pye, K. 1983h. Post-depositional reddening of Late Quaternary coastal dune sands, north-eastern Australia, in *Residual deposits*, Ed. Wilson, R.C.L., Blackwell, Oxford, 117-129. [dnsol inst of arch ba 10 wil]

Pye, K. 1984a. Models of transgressive dune building episodes and their relationship to Quaternary sea-level changes: a discussion with reference to evidence from eastern Australia, in *Coastal research: U.K. perspectives*, Ed. Clark, M., Geobooks, Norwich, 81-104. [codn]

Pye, K. 1984b. An SEM and electron micro-probe study of the nature and origin of iron oxide-cemented duric layers (petroferic horizons) on the Late Quaternary coastal dune formations of northeastern Australia, in *Scanning electron microscopy in geology*, Eds. Whalley, W.B. and Krinsley, D.H., Geobooks, Norwich, ** [dnsol]

Pye, K. 1985. Controls on fluid threshold velocity, rates of aeolian sand transport and dune grain size parameters along the Queensland coast, *Proceedings of the International Workshop on the Physics of Blown Sand*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 483-509. [codn sdmo]

Pye, K. and Bowman, G.M. 1984. The Holocene marine transgression as a forcing function in episodic dune activity on the eastern Australian coast, in *Coastal geomorphology in Australia*, Ed. Thom, B.G., Academic Press, Sydney, 179-196. [codn]

Pye, K. and French, P.W. 1983. *Targets for coastal habitat re-creation*, *English Nature Science*, **13**, EN, Peterborough, ** [dnuse dnveg]

Pye, K. and Jackes, B. 1981. Vegetation of the coastal dunes at Cape Bedford and Cape Flattery, North Queensland, *Proceedings of the Royal Society of Queensland*, **92**, 37-47. [stbnd dune codn dnveg]

Pye, K. and Krinsley, D.H. 1986. Diagenetic carbonate and evaporite minerals in Rotliegend aeolian sandstones from the southern North Sea: their nature and relationship to secondary porosity development, *Clay Minerals*, **21** (4), 443-457. [dnbed]

Pye, K. and Paine, A.M. 1984. Nature and source of aeolian deposits near the summit of Ben Arkle, northwest Scotland, *Geologie en Mijnbouw*, **63** (1), 13-18. [sand ?]

Pye, K. and Rhodes, E.G. 1985. Holocene development of an episodic transgressive dune barrier, Ramsay Bay, North Queensland, Australia, *Marine Geology*, **64** (3-4), 189-202. [codn]

Pye, K. and Singhvi, A.K. 1982. Thermoluminescence dating of sand dunes: discussion and reply, *Nature*, **299** (5881), 376.

Pye, K. and Smith, A.J. 1988. Beach and dune erosion and accretion on the Sefton coast, northwest England, *Journal of Coastal Research, Special Issue*, **3**, 33-36. [codn dnuse]

Pye, K. and Switsur, V.R. 1981. Radiocarbon dates from the Cape Bedford - Cape Flattery dunefield, North Queensland, *Search*, **12** (7), 225-226. [codn]

Pyritz, E. 1972. *Binnendünen und Flugsanbedenen in niedersächsischen Tiefland*, *Göttinger geographische Abhandlungen*, **61**, 153 pp. [stbnd abstract in Niessen, *et al.* and Busche *et al.*, 1984]

- Pyritz, E. 1974. Aeolische Prozesse an einer Binnendünen im Allertal, niedersaechsisches Tiefland, *Akademie der Wissenschaften in Göttingen, mathematische-physikalische Klasse Abhandlungen*, **3** (29), 221-225. [Eolian processes on an inland dune in the Aller Valley in the Lower Saxony lowland stbdn sdmo]
- Quade, J. 1986. Late Quaternary environmental changes in the upper Las Vegas valley, Nevada, *Quaternary Research*, **26** (2), 340-357. [stbdn dune ?]
- Quedens, G. 1967. Die Dünen von Amrum. Ein Bemerkenswertes Kapital modernen Naturschutzes, *Nordfriesland*, **3** (1), 33-35. [codn dnuse]
- Quené, F. 1926. *The dunes between Zandvoort straatweg and Langevelderlan, including their flora and fauna (geology, hydrology, ecology)*(in Dutch), Natuur, Leiden, 101 pp. [codn dnveg]
- Queney, P. 1945. Observations sur les rides formées par le vent à la surface du sable dans les ergs sahariennes, *Annales de Géophysique*, **1**, 279-282. [ripple]
- Queney, P. 1953. Classification des rides de sable et théorie ondulatoire de leur formation, in *Actions éoliennes, phénomènes d'évaporation et d'hydrologie superficielle dans les régions arides, Colloques internationaux*, **35**, Centre nationale de la Recherche scientifique (CNRS), Paris, 179-195. [ripple same as in ?? 1951. *Colloque d'Alger*, mars 1951. abstract in Busche *et al.*, 1984]
- Queney, P. and Dubief, J. 1943. Action d'un obstacle ou d'un fossé sur un vent chargé de sable, *Travaux de l'Institut de Recherches sahariennes*, **2**, 169-176. [dune]
- Quian, Z. 1986. *Investigation and programme of control of sand dunes at Yan Qiao on the railway from Qinghai to Tibet*, Internal Report for the N.W. Institute, China Academy of Railway Sciences, 8 pp. [dnuse quoted in Hesp *et al.* 1989.
- Quinn, C.M. 1977. *Sand dunes: formation, erosion and management*, An Foras Forbatha, Dublin, 92 pp. [codn dnuse]
- Rabasso, V.J. 1975. Environmental significance of Mitare clay dunes, northwestern Venezuela, (abstract), *Annual Meeting Abstracts*, **2**, American Association of Petroleum Geologists and the Society of Economic Palaeontologists and Mineralogists, 61. [stbdn]
- Rabsky, K. 1984. Eolian sands temperature conditions on the _eba Bar, *Sprawozdania Poznanskie Towarzystwo Przyjaciol Nauk Matematyczno-Przyrodniczego*, **100**, 170-173. [dnhyd codn]
- Rachkovskaya, S.I. and Gunne, P.D. 1980. On complex site investigations in the Transaltai Gobi (in Russian), *Problemy Osvoeniya Pustyn*, (2), 5-12. [dune or Rachakovska ??]
- Racinowski, R. 1964. Mechanical reworking of quartz grains in glacial, aqueous and aeolian environments, *Przegł_d Geologiczny*, **12**, 483-485. [sand]
- Radok, U. 1968. *Deposition and erosion of snow by the wind, Research Report*, **230**, Cold region Research Engineering Laboratory, United States Army, Hanover, NH, 23 pp. [sdmo dunelog]
- Radok, U. 1970. Boundary processes of drifting snow, *Publication*, **13**, Department of Meteorology, University of Melbourne, 1-21. [sdmo]
- Radok, U. 1977. Snow drift, *Journal of Glaciology*, **19** (81), 123-139. [sdmo dunelog]
- Radulescu, N.A.L. 1968. Caractères physico-géographiques, fixation et mise en valeur actuelle des dunes de Roumanie, *Revue Roumaine de Géologie, Géophysique et Géographie, Série Géographie*, **12** (1-2), 73-78. [codn dnuse]
- Radulescu-Ivan, D. 1965. Contributions to the ecologic characterisation of the sand dune vegetation along the Black Sea shore (in Romanian), *Studii Cercetari de Biologie, Seria Botanica*, **17**, 301-*** [codn dnveg]
- Rae, J. 1884. Wind sand ripples, *Nature*, **29**, 357.

- Ragutzki, G. 1973. Strand- und Dünensicherung der Ostfriesischen Inseln, *N. Arch. Niedersächsischen*, **22**, 176-192. [codn]
- Ragutzki, G. 1981. Bodenstabilisierung von Dünensanden als Aufwuchshilfe für Strandhafer Saat, *Jahrsbericht der Forschungsstelle, Insel- und Küstenschutz*, **34**, 31-61. [codn dnsol dnuse]
- Rahir, E. 1930. Les actions du vent et de la mer dans les dunes, *Bulletin de la Société royale belge*, **54**, 143-152. [codn]
- Raine, J.K. 1974a. *Modelling the natural wind: wind protection by fences*, unpublished Ph.D. dissertation, University of Canterbury, ** [dnuse]
- Raine, J.K. 1974b. Wind protection by model fences in simulated atmospheric boundary layers, *Proceedings of the 5th Australasian Conference on Hydraulics and Fluid Mechanics*, Canterbury, New Zealand, 200-210. [dnuse abstract in Busche *et al.* 1984]
- Raine, J.K. and Stevenson, D.C. 1977. Wind protection by model fences in a simulated atmospheric boundary layer, *Journal of Industrial Aerodynamics*, **2**, 159-180. [dnuse]
- Rakhmatov, Yu.B. and Nazarov, I.K. 1982. Main types of eolian sands of Karakul delta and problems of their development, *Problems of Desert Development*, (1) 46-50. [dune dnuse]
- Ramaley, P. 1939. Sand-hill vegetation of northeastern Colorado, *Ecological Monographs*, **9** (1), 1-51. [dnveg stbdn abstract in Busche *et al.* 1984]
- Ramaswamy, C. and Kailasanathan, K. 1971. Prolonged spells of non-convective sand storms in the Rajasthan Desert during the south-west monsoon, *Vayu Mandal*, **1** (2), 78-83. [sdmo abstract in Busche *et al.*, 1984]
- Ramírez-Díaz L. and Tores Martínez A. 1977. Tipología y dinámica de los complejos ambientes del sistema de dunas móviles de la Reserva Biológica de Doñana (Huelva), *Boletín de la Estación Central de Ecología*, Sevilla, **6** (11), 3-11. [dnveg codn abstract in Busche *et al.* 1984]
- Randall, R.E. 1973. Calcium carbonate in dune soils: evidence for geomorphic changes, *Area*, **5**, 308-310. [dnsol]
- Randell, D. 1959. The dune system and dune slack habitat, *Journal of Ecology*, **47**, 571-601. [codn dnveg]
- Range, P. 1927a. Geologie der Küstenwüste Südwestafrikas zwischen dem Kuiseb und der Luderitzbucht - Eisenbahn, *Proceedings of the 14th International Geological Congress*, Madrid, **3**, 901-905. [dune ?]
- Range, P. 1927b. Die Küstenwüste zwischen Lüderitzbucht und Swakopmund in Südwestafrika, *Petermanns geographisches Mitteilungen*, **11/12**, 344-353. [dune]
- Range, P. 1936a. Explanatory note to the geological sketch map of the western part of the Kalahari, *South African Geographical Journal*, **19**, 58-60. [dune stbdn]
- Range, P. 1936b. The western Kalahari, *South African Geographical Journal*, **19**, 58-60. [dune soas per 89/164339]
- Ranwell, D.S. 1958. Movement of vegetated sand dunes at Newborough Warren, Anglesey, *Journal of Ecology*, **46**, 83-100. [codn abstract in Busche *et al.*, 1984]
- Ranwell, D.S. 1959. Newborough Warren, Anglesey, I. The dune system and dune-slack habitat, *Journal of Ecology*, **47**, 571-602. [codn dnveg]
- Ranwell, D.S. 1960a. Newborough Warren, Anglesey. II. Plant associations and succession cycles of the sand dune and dune-slack environment, *Journal of Ecology*, **48**, 117-141. [codn dnveg]

Ranwell, D.S. 1960b. Newborough Warren, Anglesey. III. Changes in the vegetation on parts of the dune system after the loss of rabbits by myxamatoxis, *Journal of Ecology*, **48**, 385-395. [codn dnveg]

Ranwell, D.S. 1972. *The ecology of salt marshes and sand dunes*, Chapman and Hall, London, 258 pp. dnveg codn abstract in Busche *et al.*, 1984

Ranwell, D.S. 1975. Management of salt marsh and coastal sand dune vegetation, in *Estuarine research. II. Geology and engineering*, Ed. Cronin, L.E., Academic, New York, 471-483. [codn dnuse dnveg geol c 65 est]

Ranwell, D.S., Ed. 1974. *Sand dune machair*, Report of a Seminar at the Coastal Ecology Research Station, Institute of Terrestrial Ecology, Norwich, 27 pp. [codn dnveg nansl or ull]

Ranwell, D.S. 1975. **, in *Management of saltmarsh and dune vegetation*, Ed. Eugene, L., *Estuarine Research*, **2**, ** [codn dnuse]

Ranwell, D.S. 1976. The dunes of St. Ouens Bay, Jersey. An ecological survey, *Annual Bulletin of the Société jersiaise*, **21**, 381-391. [dnveg]

Ranwell, D.S., Ed. 19** *Sand dune machair. 1. Report on Meeting*, The University of Aberdeen, 24-25 September, 1975, Institute of Terrestrial Ecology, Cambridge, ** [codn dnveg]

Ranwell, D.S., Ed. 1977. *Sand dune machair. 2. Report on Meeting*, The University of Aberdeen, 24-25 September, 1975, Institute of Terrestrial Ecology, Cambridge, 24 pp. [codn dnveg]

Ranwell, D.S., Ed. 1980. *Sand dune machair. 3*, Institute of Terrestrial Ecology, Norwich, The University of Aberdeen, 24-25 September, 1975, Institute of Terrestrial Ecology, Cambridge, ** [codn dnveg]

Ranwell, D.S. and Boar, R. 1986. *Coast dune management guide*, Natural Environment Research Council (NERC), Institute of Terrestrial Ecology (ITE), 105 pp. [codn dnuse TPL R 96 Ran]

Rasmussen, K.R. 1989. Some aspects of flow over coastal dunes, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 129-147.

Rasmussen, K.R. and Mikkelsen, H.E. 1988. Aeolian transport in a boundary-layer wind tunnel, *Geoskifter*, **29**, Institute of Geology, University of Aarhus, 24 pp. [sdmo]

Rasmussen, K.R., Sørensen, M. and Willetts, B.B. 1985. Measurement of saltation and wind strength on beaches, *Proceedings of the International Workshop on the Physics of Blown Sand*, Aarhus, May 28 31, Eds. Barndorff Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 301 326. [sdmo]

Rasulov, M. 1967. Deserts of the western part of the Karshi Steppe (in Russian), *Uzbekistankoe Geograficheskoe Obschches'tvo Izvestiya*, **10**, 73-78. [dune dnuse abstract in Busche *et al.*, 1984]

Ratcliffe, F.N. 1937. *Further observations on soil erosion and sand drift, with special reference to south western Queensland*, Pamphlet, **70**, Commonwealth Scientific and Industrial Organization (CSIRO), Government Printer, Melbourne, 28 pp. [sdmo]

Rathjens, C. 1928. Löss in Tripolitanien, *Zeitschrift der Gesellschaft Erdkunde, Berlin*, **5/6**, 211-228. [stbdn]

Rathjens, C. 1957. Physisch-geographische Beobachtungen im nordwestunischen Trockengebiet, *Erdkunde*, **11** (2), 49-58. [dune]

Rat'kovskiy, S.P. 1973. Deflation causing factors and the process of natural growth on sands in central Asian deserts (in Russian), *Nauchnyye Trudy Srednenilkh* (Tashkent), **15**, 3-11. [dune stbdn ?]

Rat'kovskiy, S.P. and Berdyklichev, K.B. 1973. Prospects for the development of forest reclamation in the

- Turkmen SSR (in Russian), in *Protective forest growing in Turkmenistan*, **, Ashkhabad, 101-108. [dnuse]
- Ratner, B. 1950. A method for eliminating directional bias in wind roses, *Monthly Weather Review*, **78**, 185-188. [sdmo]
- Raudkivi, A.J. 1963. Study of sediment ripple formation, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **89**, 15-33. [dunelog not '63, **89** 15]
- Raudkivi, A.J. 1966. Bedforms in alluvial channels, *Journal of Fluid Mechanics*, **26** (3), 507-514. [dunelog]
- Raudkivi, A.J. 1976. *Loose boundary hydraulics*, Pergamon, Oxford, 397 pp. [Engi CP 50 Rau Chapter 4: Sand Transport by air (46-53) sdmo dunelog 1st Edition, 1967 ??]
- Raukas, A. 1968. Composition and stratification of dune sands in Estonia (in Estonian), *Eesti Geografia Selts Aastaraamat*, **1966**, 72-88. [dnbed]
- Raupp, H.M. and Argus, G.W. 1982. *The Lake Athabasca sand dunes of northern Saskatchewan and Alberta, Canada. I. Land and vegetation*, *Publications in Botany*, **12**, National Museums of Canada, Ottawa, 96 pp. [dnveg or raup ??]
- Ravikovitch, S. 1935. The movement of colloidal clay in red sandy soils - a factor interfering with normal soil properties, *Hadar*, **7**, **. [dnsol]
- Ravikovitch, S. 1953. The aeolian soils of the northern Negev, in *Desert research, Proceedings of the International Symposium*, May 7-14, 1952, *Special Publication*, **2**, Research Council of Israel, Jerusalem, 404-433. [ucl store and rgs dnsol]
- Ravikovitch, S., Pines, F. and Dan, J. 1957. Soils of the central and southern Negev, *Ford Foundation Research Projects*, 211-238. [dnsol]
- Ravikovitch, S. and Ramati, B. 1957. The formation of brown-red sandy soils from shifting sands along the Mediterranean coast of Israel, *Ktarim*, **7**, 79-82. [codn dnuse dnsol]
- Razaret, L. 1951. Sur le littoral ouest de la Pointe de Beauduc (delta du Rhône), *Comptes rendus de l'Académie des Sciences, Paris*, **232**, 2030-2031. [codn ?]
- Ray, T.K. and Baski, S.K. 1978. Coastal sand dunes on Fraserganj Island, West Bengal, *Indian Journal of Earth Sciences*, **5** (1), 127-128. [codn]
- Read, D.J. 1989. Mycorrhizas and nutrient cycling in coastal dune ecosystems, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 111-126. [codn dnveg]
- Read, J.F. 1974. Calcrete deposits and Quaternary sediments, Edel Province, Shark Bay, Western Australia, *Bulletin of the American Association of Petroleum Geologists*, **22**, 250-282. [codn dnsol **not 1974 58, 250**]
- Reclus, E. 1962. Le littoral de la France, *Revue des Deux Mondes*, **42**, 901-936. [codn dnuse]
- Redding, J. and Lord, A. 1982. Designing for the effects of windblown sand along the new Jeddah-Riyadh-Dammam expressway, *Arup Journal*, **17**, 11-15. [dnuse sdmo also 1981, *Proceedings of a Symposium on Geotechnical problems in Saudi Arabia*, 363-395.
- Reding, L.M., Williams, S., Leach, R., White, B.R. and Greeley, R. 1981. Surface roughness effects on aeolian processes: wind tunnel experiments, *Reports of Planetary Geology Program*, **TM-84211**, National Aeronautics and Space Administration (NASA), Washington, DC, 195-196. [sdmo]
- Reed, R.D. 1930. Recent sands of California, *Journal of Geology*, **38** (3), 223-245. [dune]

- Reed, W.E., Le Fever, R. and Moir, G.J. 1975. Depositional environment interpretation from settling velocities (psi) distribution, *Bulletin of the Geological Society of America*, **86** (9), 1321-1328. [sand]
- Reeckmann, S.A. and Gill, E.D. 1981. Rates of vadose diagenesis in Quaternary dunes and shallow marine calcarenites, Warnambool, Victoria, Australia, *Sedimentary Geology*, **30**, 157-172. [dnbed, codn dnsol]
- Rees, A.I. 1968. The production of preferred orientation in a concentrated dispersion of elongated and flattened grains, *Journal of Geology*, **76** (4), 457-465. [dnbed sand]
- Reeves, C.C.Jr. 1965. Chronology of west Texas pluvial lake dunes, *Journal of Geology*, **73** (3), 504-508.
- Reiche, P. 1938. An analysis of cross-lamination: the Coconino Sandstone, *Journal of Geology*, **46** (7), 905-932. [dnbed]
- Reichert, R. 1989. Desertification in the Sahel: the exposing of the "old erg" of an earlier Sahara, *Natural Sciences and Development*, **30**, 104-113. [stbdn]
- Reid, D.G. 1985. Wind statistics and the shape of sand dunes, *Proceedings of the International Workshop on the Physics of Blown Sand*, Aarhus, May 28 31, Eds. Barndorff Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 393 419.
- Reifenberg, A. 1950. Man-made dune encroachment on Israel's coast, *Transactions of the 4th International Congress of Soil Science*, Amsterdam, **1**, 325-327. [dnuse codn abstract in Busche *et al.*, 1984]
- Reifenberg, A. 1952. The soils of Syria and Lebanon, *Journal of Soil Science*, **3** (1), 68-88. [dnsol]
- Reimnitz, E. and Maurer, D.K. 1979. Eolian sand deflation as a cause for gravel barrier islands in Arctic Alaska, *Geology*, **7** (10), 507-510. [codn]
- Reineck, H.-E. 1955. Haftrippeln und Haftwarzen, Ablagerungsformen von Flugsand, *Senckenbergiana Lethaea*, **38**, 347-357. [ripple or **36** ??]
- Reineck, H.-E. and Singh, I.B. 1980. *Depositional sedimentary environments, with reference to terrigenous clastics*, Springer-Verlag, Berlin, 439 pp. [dnbed geol e 58 rei abstract in Busche *et al.*, 1984]
- Reinhard, H. 1954. Kliffanddünen und Brandunshöhlen der Insel Hiddensee, *Wissenschaftliche Zeitschrift der Ernst-Moritz-Arndt-Universität, Greifswald, mathematische-naturwissenschaftliche Reihe*, **3** (8), 595-605. [codn]
- Reinke, J. 1903a. Die Entwicklungsgeschichte der Dünen an der Westküste von Schleswig, *Sitzungsberichte Preußische Akademie der Wissenschaften*, Berlin, **13**, 281-295. [codn or reincke ??]
- Reinke, J. 1903b. Die Entwicklungsgeschichte der Dünen an der Westküsten des Herzogtums und Küstenzrströmung, *Wissenschaftliche Meersunters. Abt. Kiel*, NF **8**, Erg.H., 1-79. [codn or reincke ??]
- Reinke, J. 1911. Studien über die Dünen unserer Ostseeküste. I. Die neuvorpommensche Nehrung, *Wissenschaftliche Meersunters. Abt. Kiel*, NF **12**, 315-330. [codn]
- Reinke, J. 1912a. Studien über die Dünen unserer Ostseeküste. II. Der Abschnitt zwischen Memel und der russischen Grenze, *Wissenschaftliche Meersunters. Abt. Kiel*, NF **14**, 83-** [codn]
- Reinke, J. 1912. Studien über die Dünen unserer Ostseeküste. III. Die Kurische Nehrung, *Wissenschaftliche Meersunters. Abt. Kiel*, NF **14**, ** -100. [codn]
- Reinke, J. 1913. Studien über die Dünen unserer Ostseeküste. IV. Usedom und Wolin, *Wissenschaftliche Meersunters. Abt. Kiel*, NF **15**, 95-103. [codn]
- Reinke, J. 1915. Studien über die Dünen unserer Ostseeküste. V. Hinterpommern (Erste Hälfte), *Wissenschaftliche Meersunters. Abt. Kiel*, NF **17**, 281-291. [codn]

- Reinke, J. 1920. Studien über die Dünen unserer Ostseeküste. VI. Hinterpommern (Zweite Hälfte), *Wissenschaftliche Meeresunters. Abt. Kiel.*, NF **18**, 145-155. [codn]
- Reinking, R.L. and Gephart, G.D. 1978. Pattern of revegetation of a shoreline dune area, Allegan County, Michigan, *Michigan Academy of Science*, **11** (2), 147-155. [codn dnveg]
- Reizes, J.A. 1978. Numerical study of continuous saltation, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **104** (HY9), 1305-1321. [sdmo]
- Rempel, P. 1936. The crescentic sand dunes of the Salton Sea and their relation to vegetation, *Ecology*, **17**, 347-358. [dnveg]
- Rentenaar, R. 1977. De Nederlandse duinen in de middeleeuwse bronnen tot omstreeks 1300, *Geografische Tijdschrift*, NS **11**, 361-376. [codn stbdn the dunes of the Netherlands in the middle ages until about 1300]
- Restall, A.A. 1964. Sand dune reclamation on Woodhill Forest, *New Zealand Journal of Forestry*, **9** (2), 154-161. [dnuse]
- Retgers, J.W. 1891. The composition of the dune sand of the Netherlands (in Dutch), *Verhandel Koninklijk Nederlands Aardrijkskundig Wetenschaap*, **29**, 1-48.
- Retgers, J.W. 1895. Über die mineralogische und chemische zusammensetzung der dünen sand Hollands und über die wichtigkeit Fluss- und Meerssanduntersuchungen in Allgemeinen, *Neues Jahrbuch für Mineralogie, Geologie und Paläontologie*, **1**, 16-74. [stbdn sand]
- Rex, R.V., Margolis, S.W. and Murray, B. 1970. Possible interglacial dune sands from 300 m water depth in the Weddell Sea, Antarctica, *Bulletin of the Geological Society of America*, **81** (11), 3465-3472. [abstract in Niessen, *et al.* 1984]
- Reynaud, P.A. and Roger, P.A. 1981. Variation saisonnières de la flore algale et de l'activité fixatrice d'azote dans un sol engorgé de bas de dune, *Revue Ecol. Biol. Sol.*, **18**, ** [dnsol dnveg]
- Rezk, M.R. 190. Vegetation change from a sand dune community to a salt marsh as related to soil characters in Mariut District, Egypt, *Oikos*, **21** (2), 341-343. [dnveg codn abstract in Busche *et al.* 1984]
- Rhoades, E.D. 1964. Water intake on a sandy range as affected by twenty years of differential cattle stocking rates, *Journal of Range Management*, **17**, 185-190. [dnhyd dnuse]
- Rhodes, E.G. 1982. Depositional model for a chenier plain, Gulf of Carpentaria, Australia, *Sedimentary Geology*, **29**, 201-221. [codn]
- Riabichin, E.L. 1969. Experimental investigations with the sand-traps in field conditions (in Russian), *Problemy Osvoeniya Pustyn*, (4), 33-37. [sdmo]
- Ricard, M.D. 1980. Barchans on the move (abstract), in *Henry Mountain Symposium*, Ed. Ricard, M.D., *Publication*, **8**, Utah Geological Association, 243-244. [dune or Rickard ??]
- Ricciuti, E.R. 1979. Roving sands of the Arctic, *Audubon*, **81** (2), 44-53. [dune abstract in Busche *et al.*, 1984]
- Rich, J.L. 1910. Physiography of the Bishop Conglomerate, southwestern Wyoming, *Journal of Geology*, **18** (7), 601-632. [dune]
- Richards, K.J. 1980. The formation of ripples and dunes on an erodible bed, *Journal of Fluid Mechanics*, **99** (3), 597-618. [dunelog]
- Richards, K.J. 1986. Turbulent flow over topography with applications to sand wave development, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 435-461. [dunelog]

- Richards, K.J. and Taylor, P.A. 1981. A numerical model of flow over sand waves in water of infinite depth, *Geophysical Journal of the Royal Astronomical Society*, **65**, 103-128. [dunelog]
- Richardson, J.G., Sangree, J.B. and Snider, R.M. 1988. Aeolian dunes, *Journal of Petroleum Technology*, **40** (1), 11-12. [dnbed]
- Richardson, J.L. 1984. Field observation and measurement of water repellency for soil surveyors, *Soil Survey Horizons*, **25**, 32-36. [dnsol dnhyd]
- Richter, K. 1940. Geochronologische Bedeutung der Flugsandsrhythmen an der pommernschen Küste, *Abhandlungen der pommernschen Naturforschung Gesellschaft Dohniana*, **19**, 84-90. [sdmo codn ?]
- Richter, R. 1931. Wind und Wellen, Sand und Strand vor Boden- und Henkenhagen, *Unser Pommernland*, **16**, 55-59. [codn]
- Rickert, D.A. and Tedrow, J.C.F. 1967. Pedologic investigations on some eolian deposits in northern Alaska, *Soil Science*, **104** (4), 250-262. [dnsol stbdn abstract in Niessen, *et al.* 1984]
- Ridgway, K. and Rupp, R. 1970. Whistling sand of Porth Oer, Caernarfon, *Nature*, **226** (5241), 158. [singing sand]
- Ridgway, K. and Scotton, J.B. 1972. Whistling sands and seabed sand transport, *Nature*, **238**, 212-213. [singing sand]
- Rieman, H.M. 1978. Barchans, *Lapidary Journal*, **32** (8), 1844-1847. [dune 1878 ??]
- Ries, H. and Conant, G.D. 1931. The character of sand grains, *Transactions of the American Foundryman's Association*, **2**, 353-392.
- Riezebos, P.A., Boulton, G.S., Van Der Meer, J.J.M., Ruegg, G.H.J., Beets, D.J., Castel, I.I.Y., Hart, J., Quinn, I., Thornton, M. and Van Der Wateren, F.M. 1986. Products and effects of modern eolian activity on a nineteenth century glacier-pushed ridge in West-Spitzbergen, Svalbard, *Arctic and Alpine Research*, **18** (4), 389-396. [dune]
- Rifai, M.F. and Smith, K.V.H. 1971. Flow over triangular elements simulating dunes, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **97** (HY7), 963-977.
- Rigby, J.K. and Hamblin, W.K., Eds. 1972. *Recognition of sedimentary environments, Special Publication*, **16**, Society of Economic Palaeontologists and Mineralogists, 340 pp. [dnbed sand]
- Righi, D. and Wilbert, J. 1984. Les sols podzolisés des Landes de Gascogne (France): repartition et caractères principaux, *Science du Sol*, **4** 253-264. [dnsol]
- Rigler, J.K., Collins, M.B. and Williams, S.J. 1981. A high-precision, digital recording sedimentation tower for sands, *Journal of Sedimentary Petrology*, **51** (2), 642-644. [abstract in Busche *et al.* 1984]
- Rihan, J.R. and Gray, A.J. 1985. Ecology of the hybrid marram grass *x-Calammophila baltica* in Britain, *Vegetatio*, **61** (1-3), 203-208. [codn dnveg]
- Riley, D.H. 1976. *Magilligan Dunes, County Londonderry. Classification of the vegetation*, unpublished Ph.D. dissertation, The New University of Ulster, Coleraine, ** [dnveg codn]
- Riley, D.H. 1984. Grazing and changes in dune grassland in Co Londonderry 1969-1980, *Irish Naturalists' Journal*, **21**, 288-296. [dnuse dnveg codn]
- Riley, M.C. 1941. Projection sphericity, *Journal of Sedimentary Petrology*, **11** (2), 94-97. [sand]
- Rim, M. 1949. *Dune sand movement and the formation of red sandy soils in Palestine*, (in Hebrew), unpublished Ph.D. dissertation, Hebrew University of Jerusalem, ** [dnuse date?? 1948?]

Rim, M. 1950. *Sorting mechanisms of sand and soil material related to geomorphological phenomena in Israel's coastal area*, ** [codn]

Rim, M. 1950-1. Sand and soil in the coastal plain of Israel, *Israel Exploration Journal*, **1** (1), 33-48. [dune stbdn codn dnsol]

Rim, M. 1951. The influence of geophysical processes on the stratification of sandy soils, *Journal of Soil Science*, **2** (2), 188-195. [dnbed]

Rim, M. 1952. The collection of sand and dust carried by the atmosphere, *Bulletin of the Research Council of Israel*, **2**, 195-197. [dune sdmo]

Rim, M. 1953. Les classements des minéraux du sable par les agents naturels sur les dunes, in *Action éoliennes, Colloques Internationaux*, **35**, Centre national de la Recherche scientifique, Paris, 261-276. [sand sdmo abstract in Busche *et al.*, 1984]

Rim, M. 1958. Simulation by dynamical model of sand tract morphologies in Israel, *Bulletin of the Research Council of Israel*, **G 7** (2-3), 123-133. [dune]

Ritchie, W. 1972. The evolution of coastal sand dunes, *Scottish Geographical Magazine*, **88** (1), 19-35. [codn brief abstract in Busche *et al.*, 1984]

Ritchie, W. 1974. Environmental problems associated with pipeline landfall in coastal dunes at Cruden Bay, Aberdeenshire, Scotland, *Proceedings of the Coastal Engineering Conference*, Copenhagen, 2568-2580. [codn dnuse]

Ritchie, W. 1976. The meaning and definition of machair, *Transactions of the Botanical Society of Edinburgh*, **42**, 431-440. [codn dnveg]

Ritchie, W. 1977. Machair development and chronology in the Uists and adjacent islands, *Proceedings of the Royal Society of Edinburgh*, **B 77**, 107-122. [codn]

Ritchie, W. 1978. The economic viability of some coastal dunes, *Shore and Beach*, **46** (2), 21-24. [dnuse codn abstract in Busche *et al.*, 1984]

Ritchie, W. 1979. Machair development and chronology in the Uists and adjacent islands, *Proceedings of the Royal Society of Edinburgh*, **B 77**, 107-122. [codn]

Ritchie, W. 1985. Scottish beaches and dunes: a national survey for recreational management purposes, in *Gambling with the shore, Proceedings of the 9th Annual Conference of the Coastal Society*, Atlantic City, N.J., ** [codn dnuse]

Ritchie, W. 1989a. Restoration of coastal dunes breached by pipeline landfalls in north-east Scotland, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 247-265. [codn dnuse]

Ritchie, W. 1989b. Scottish coastal dunes - a baseline inventory and methods for the analysis of the effects of climatic change, in *Landscape-ecological impact of climatic change*, Eds. van der Meulen, F., Jungerius, P.D. and De Groot, R.S., Dutch Ministry of Environment, 1-6. [codn dnuse]

Ritchie, W. and Mather, A. 1969. *The beaches of Sutherland*, Department of Geography, University of Aberdeen, ** [codn dnuse abstract in Busche *et al.*, 1984]

Ritchie, W. and Mather, A. 1971. Conservation and use: case study of the beaches of Sutherland, Scotland, *Biological Conservation*, **3** (3), 199-207. [codn dnuse]

Ritchie, W. and Mather, A. 1977. *Beaches of the Highlands and Islands of Scotland*, Report for the Countryside Commission for Scotland, Department of Geography, University of Aberdeen, 201 pp. [codn dnuse f 53 MXP/Mat]

- Ritchie, W. and Mather, A. 1984. *Beaches of Scotland*, Report for the Countryside Commission for Scotland, Department of Geography, University of Aberdeen, **. [codn dnuse]
- Ritchie, W. and Penland, S. 1982. The interrelationship between overwash and aeolian processes along the barrier coastline of south Louisiana, *1st International Conference on Meteorology and Air/Sea Interaction of the Coastal Zone*, American Meteorological Society, Boston, 358-362. [sdmo codn]
- Ritchie, W. and Penland, S. 1988a. Rapid dune changes associated with overwash processes on the deltaic coast of south Louisiana, *Marine Geology*, **81** (1-4), 97-112. [codn]
- Ritchie, W. and Penland, S. 1988b. Cyclical changes in the coastal dunes of southern Louisiana, *Journal of Coastal Research, Special Issue*, **3**, 111-114. [codn]
- Ritchie, W., Rose, N. and Smith, J.S. 1978. *Beaches of north-east Scotland*, Report for the Countryside Commission for Scotland, Department of Geography, University of Aberdeen, 278 pp. [or R,S and R ?? codn dnuse]
- Ritchie, W. and Walton, K. 1972. The evolution of the sands of Forvie and the Ythan estuary, in *North East Scotland: Geographical Essays*, Ed. Clapperton, C.M., Department of Geography, University of Aberdeen, 12-16. [codn]
- Ritter, E. 1898. Les dunes, *Le Globe (Bulletin de la Société géographique de Genève)*, **37**, 22-31.
- Ritter, J.R. 1964. *Beach-dune ridges of San Diego County, California*, unpublished M.Sc. dissertation, **, San Diego, CA, 67 pp. [codn]
- Ritter, W. 1971/72. Sandberge und Oasen in der Nefud Thuwayrat, Saudi Arabien, *Geographische Jahresberichte aus Österreich*, **34**, 65-76. [dune dnuse]
- Rivas Martínez, S., Costa, M., Castroviejo, S. and Valdes, E. 1980. Vegetation of Doñana (in Spanish), *Lazaroa*, **2**, 5-189. [dnveg]
- Roa Morales, P. 1973. Genesis of dunes of the central plains of Venezuela (abstract), *Congress of the International Union of Quaternary Research*, **9**, 248-249. [stbdn ?]
- Robbins, R.G. 1953. Bryophyte flora of a dune area in New Zealand, *Vegetatio*, **4**, 1-31. [dnveg]
- Robert, A. and Richards, K.S. 1988. On the modelling of sand bedforms using the semivariogram approach, *Earth Surface Processes and Landforms*, **13** (5), 459-473. [dunelog]
- Roberts, F.J. and Carson, B.A. 1971. Water repellence in sandy soils of southwestern Australia, *Australian Journal of Soil Research*, **10**, 35-42. [dnsol or Carbon or 1972 ??]
- Roberts, D.V. and Melickian, G.E. 1970. Geologic and other natural hazards in desert areas, *Dames and Moore Engineering Bulletin*, **37**, 1-12. [dnuse sdmo]
- Roberts, H.H., Ritchie, W. and Mather, A. 1973. Cementation of high latitude dunes, *Coastal Studies Bulletin*, **7**, Louisiana State University, 95-112. [codn dnsol]
- Roberts, J.M. 1970. The wandering sands, *Americas*, **22** (8), 9-14. [codn dune]
- Robertson, D.A. 1955. *The ecology of the sand dune vegetation of Ross Links, Northumberland, with special reference to secondary succession in the blowouts*, unpublished Ph.D. dissertation, Durham University, ... [codn dnveg]
- Robertson-Rintoul, M.J. 1985. *The morphology and dynamics of parabolic dunes within the context of the coastal dune systems of mainland Scotland*, unpublished D. Phil. dissertation, University of Oxford, **

- Robinson, A.H.W. 1980. The sandy coasts of south-west Anglesey, *Transactions of the Anglesey Antiquarian Society and Field Club*, 37-66. [codn]
- Robinson, G.H. and Rich, C.I. 1960. Characteristics of the multiple yellowish-red bands common to certain soils in the southeastern United States, *Proceedings of the Soil Science Society of America*, **24** (3), 226-230. [dnbed dnsol]
- Robinson, M.D. and Seely, M.K. 1980. Physical and biotic environments of the southern Namib dune system, *Journal of Arid Environments*, **3** (3), 183-203. [dnveg abstract in Busche *et al.*, 1984]
- Rochette, J.C. and Cailleux, A. 1971. Dépôts niveo-éoliens annuels à Post-de-Balène, Nouveau Québec, *Revue de Géographie, Montreal*, **25** (1), 35-41. [stbdn abstract in Niessen, *et al.* 1984]
- Roderkerk, E.C.M. 1961. *Recreation, recreation supply and nature protection in the Kennemeer dunes*, unpublished Ph.D. dissertation, ** Wageningen, 223 pp. [dnuse]
- Roederer, P. 1970. Phénomènes éoliens sur argiles salées près de Diego-Suarez (abstract), *Comptes rendus de la Semaine malagache géologique*, Comité national malagache de Géologie, 87-88. [stbdn ?]
- Roethel, J. 1981. Sand dunes tell story of the ages, *Natural Resources Register*, **1** (3), 16-17.
- Rogers, A.W. 1934. The build of the Kalahari, *South African Geographical Journal*, **17**, 3-12. [stbdn]
- Rogers, A.W. 1936. The surface geology of the Kalahari, *Transactions of the Royal Society of South Africa*, **24** (1), 57-80. [stbdn or 1937 ??]
- Rogers, A.W. 1940. Pans, *South African Geographical Journal*, **22**, 55-60. [stbdn]
- Rogers, J. 1977. *Sedimentation on the continental margins of the Orange River and the Namib Desert*, *Bulletin*, **7**, Joint Geological Survey / University of Cape Town Marine Geoscience Group, 162 pp. [dune]
- Rogers, J. and Tankard, A.J. 1974. Surface textures of some quartz grains from the west coast of southern Africa, *Proceedings of the South African Electron Microscopy Society*, **4**, 55-56. [sand]
- Rogge, H.J. 1965. Die Beziehungen zwischen der Entwicklung der Düne und des Strandes und der Veränderungen des Sedimentbestandes, des Schwermineralverteilung, erläutert an Beispielen der Ostseeküste der DDR, *Bergakademie*, **17**, 551-552. [codn]
- Rognon, P. 1979. Evolution du relief et paléoclimat depuis 40 000 ans sur le bordure nord du Sahara, *Bulletin de l'Association de Géographes français*, **56** (462-463), 205-214. [dune]
- Rognon, P. 1982. Pluvial and arid phases in the Sahara: the role of non-climatic factors, *Palaeoecology of Africa*, **12**, 45-62. [dune stbdn]
- Rognon, P. and Coudé-Gaussen, G. 1987. Reconstruction paléoclimatique à partir des sédiments du Pléistocène supérieur et de l'Holocène du nord de Fuerteventura (Canaries), *Zeitschrift für Geomorphologie*, NF **31** (1), 1-19. [dune]
- Rognon, P., Coudé-Gaussen, G., Bergametti, G. and Gomes, L. 1989. Relationship between the characteristics of soils, wind energy and dust near the ground in the Western Sandsea (N.W. Sahara), in *Palaeoclimatology and palaeometeorology: modern and past problems of global atmospheric transport*, Eds. Leinen, M. and Sarnthein, M., Kluwer Academic, Dordrecht, 167-184. [dune sdm]
- Rognon, P., Coudé-Gaussen, G., Le Coustumer, M.N., Balouet, J.C. and Occhietti, S. 1989. Le massif dunaire de Jandia (Fuerteventura, Canaries): évolution de paléoenvironnements de 20 000 BP à l'actuel, *Bulletin de l'Association française pour l'Etude du Quaternaire*, **1**, 31-37. [dune codn]
- Rohde, H. 1978. The history of the German coastal area, *Küste*, **32**, 6-19. [codn]

- Rohdenburg, H. and Sabelberg, U. 1980. Northwestern Sahara margin: terrestrial stratigraphy of the Upper Quaternary and some palaeoclimatic implications, *Palaeoecology of Africa*, **12**, 267-275. [dune]
- Rohrlich, V. and Goldsmith, V. 1984. Sediment transport along the southeastern Mediterranean: a geologic perspective, *Geo-Marine Letters*, **4**, 99-103. [codn]
- Rolland, G. 1882. Sur les grandes dunes de sable du Sahara, *Bulletin de l'Association de Géographes français*, Série 3, **10**, 30-47. [or 1881 ??]
- Rolland, G., Blanc, E. and Garnier, J. 1891. Les dunes au Sahara, *Comptes rendus de la Société géographique française*, 46-47.
- Romanov, N.N. 1960. Sand storms in central Asia, *Tr. Tash. GU*, **174**, 198-** [sdmo]
- Romanov, Y.A. 1969. *Experiment in the development of protective forest vegetation on cover sands of Sredneamurda'Inski oasis* (in Russian), dissertation summary, Turkmen Academy of Sciences, Ashkhabad, 15 pp. [dnuse dnveg]
- Romanova, M.A. 1960. Photometric properties of sand of the Karakum and Kazyl Kum Deserts, *Doklady Akademii Nauk, SSSR, Earth Sciences Section*, **132**, 681-684 (Russian); 636-639 (English). [dune ?]
- Romanova, M.A. 1964. Region stability of sand deposits of central Karakums by spectral luminance, *Doklady Akademii Nauk, SSSR*, **156**, 1095. [dune]
- Romanova, M.A. 1968. Spectral luminescence of sand deposits as a tool in land evaluation, in *Land evaluation*, Ed. Stewart, G.A., Macmillan, Sydney, 342-348. [geog h 73 ste dnuse dune]
- Romanova, M.A. 1971. *Present day sand deposits of central Karakum: application of regression equations to palaeogeographic synthesis* (in Russian), Akademii Nauk, SSSR, Geologicheskii Institut, 256 pp. [dune]
- Romer, E. 1906. Quelques remarques sur les dunes fossiles de notre plaine diluviale (in Polish, French abstract), *Kosmos*, **31**, 334-362. [stbdn]
- Romer, E. 1907. Einige Bemerkungen über fossile Dünen, *Verhandlungen der geologische Anst.*, (Wien), 48-55. [stbdn]
- Romeril, M.G. 1989. Dune management on Les Quennevais, Jersey, Channel Islands, G.B., in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Scientific, The Hague, 255-260. [codn dnuse]
- Ronca, L.B. and Green, R.R. 1970. Aeolian regimes on the surface of Venus, *Astrophysics and Space Science*, **8**, 59-65. [sdmo]
- Rosa, B. 1963. *O rozwoju morfologicznym wybrzeza Polski w swietle dawnych form brzegowych*, *Studia Societatis Scientorum Torunensis, Geographia et Geologia*, **5**, 172 pp. [codn on the morphological development of the Polish coast in the light of old beach forms]
- Rosa, B. and Plichta, R. 1972. Stegna. Coastal dunes, in *Guidebook of the excursion, September 24-26*, Ed. Galon, R., *Subcommission on Shorelines in Northwestern Europe, International Conference*, International Quaternary Research Association (INQUA), Torun, 11-12. [codn]
- Rosato, A., Prinz, F., Strandburg, K.J. and Swendsen, R.H. 1987. Monte Carlo simulation of particulate matter segregation, *Powder Technology*, **49** (1), 59-69. [sdmo sand]
- Rosato, A., Strandburg, K.J., Prinz, F. and Swendsen, R.H. 1987. Why Brazil nuts are on top: size segregation of particulate by shaking, *Physical Review Letters*, **58** (10), 1038-1040. [sdmo sand]

- Rosberg, J.E. 1895. Någa dynbildingar på Bottaniska vikens ostkust, *Vetenskapliga Meddelanden af Geografiska Föeningen I Finland*, **2**, 78-96. [codn dnveg]
- Roscher, B. 1989. Bestimmung der Pläowindrichtung mittels Runzelmarken am Beispiel einer Platte aus der oligozänen Baid-Formation (SW-Saudi-Arabien), *Zeitschrift der deutschen geologische Gesellschaft*, **140**, 383-392. [dnbed]
- Rosen, P.S. 1979a. An efficient, low-cost eolian sampling system, *Scientific and Technical Notes, Current Research, Part A, Paper*, **78-1A**, Geological Survey of Canada, 531-532. [sdmo or 1978 ??]
- Rosen, P.S. 1979b. Aeolian dynamics of a barrier island, in *Barrier islands*, Ed. Leatherman, S.P., Academic Press, New York, 81-98. [codn]
- Rosen, P.S., Barnett, E.S., Goldsmith, V., Shideler, G.L., Boule, M. and Goldsmith, Y.E. 1977. Internal geometry of foredune ridges, Currituck Spit area, Virginia/North Carolina, in *Coastal processes and resulting forms of sediment accumulation, Currituck Spit, Virginia/North Carolina*, Ed. Goldsmith, V., SRAMSOE **143**, Virginia Institute of Marine Science, Gloucester Point, VA, 30.1-30.16. [codn]
- Rosenan, E. 1953a. "Seif" dune alignment and wind direction in Sinai and the Negev, Eretz Israel (in Hebrew), *Liff Memorial Volume, Series 2*, Israel Exploration Society, 4 pp.
- Rosenan, E. 1953b. Discussion of Bagnold (1953a), in *Desert Research: International Symposium Proceedings, Special Publication*, **2**, Research Council of Israel, 94. [dune]
- Rosenan, E. 1954. The direction of seif dunes and wind in Sinai and Negev (in Hebrew), ** 4 pp. [same as 1953??]
- Rosengren, N. 1981. Dune systems on cusplate forelands, East Gippsland, Victoria, *Proceedings of the Royal Society of Victoria*, **92**, (1), 137-147. [codn abstract in Busche *et al.*, 1984]
- Ross, G.M. 1983a. Proterozoic eolian quartz arenites from the Hornby Bay Group, Northwest Territories, Canada: implication for Precambrian eolian processes, *Precambrian Research*, **20**, 149-169. [dnbed]
- Ross, G.M. 1983b. Bigbear Erg: a Proterozoic intermontane eolian sand sea in the Hornby Bay Group, Northwest Territories, Canada, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 483-519. [dnbed]
- Roszbacher, L.A. 1985. The Algodones dune chain, Imperial County, California, in *Geology and thermal energy of the Salton Trough*, Ed. Herber, L.J., State Polytechnic University, Pomona, CA, 156-160.
- Rossby, C.G. 1943. Some applications of boundary-layer theory to the physical geography of the Middle West, *Annals of the New York Academy of Sciences*, **44**, 3-12. [dune]
- Rostagno, C.M. and del Valle, H.F. 1988. Mounds associated with shrubs in the aridic soils of northeastern Patagonia: characteristics and probable genesis, *Catena*, **15** (3-4), 347-359. [dnsol dune dnveg mima pimple]
- Rostler, F.S. and Kunkel, W.M. 1964. Soil stabilization, *Ind. Engineering Chem.*, **56**, 27-33. [dnuse glue]
- Rostler, F.S. and Vallerger, B.A. 1960. *A manual on control of dust and wind erosion with Coherex*, Golden Bear Oil Co. Bakersfield, California, ** [dnuse glue]
- Roszkó, L. 1969. Some comment on dunes in western part of Grudziadz basin (in Polish, English abstract), in *Processes and forms in Polish dunes*, Ed. Galon, R., Polskiej Akademii Nauk, Instytut Geografii, *Prace Geograficzne*, Warsaw, **75**, 163-180. [stbnd]
- Roth, E. 1900. Die deutschen Dünen und ihr Bau, *Globus*, **78** (3), 48-52. [dune stbnd]

- Roth, E.S. 1960. The silt-clay dunes at Clark Dry Lake, California, *Compass*, **38**, 18-27. [stbdn]
- Roth, J. 1916. Die Aufforstungen der ungarischen Flugsandsgebiete, *Fortwiss, Centralbl.*, Berlin, **60**, 377-402; 464-487; 523-532. [dnuse]
- Roth, R. and Tuchtenhagen, M. 1975. Die Abschätzung der bodennahen Windgeschwindigkeiten zur Beurteilung von Windersionsgefahr, *Meteorologische Rundschau*, **28** (4), 121-125. [sdmo. estimating wind speeds close to the ground as a means of judging the risk of wind erosion v brief abstract in Busche *et al.*, 1984]
- Roth, R. and Tuchtenhagen, M. 1978. Evaluating near-ground wind velocities in considering the risk of wind erosion, *Applied Sciences and Development*, **11**, 122-130. [sdmo. abstract in Busche *et al.*, 1984]
- Rotnicki, K. 1970. *Main problems of inland dunes in Poland based on investigations of the dune at Weglewice* (in Polish), *Poznanskie Towarzystwo Przyjaciół Nauk, Prace Komisji Geograficzni Geologiczni*, **11** (2), 146 pp. [stbdn abstract in Niessen, *et al.* 1984]
- Rotnicki, K. and Lomborinchen, R. 1978. Eolian forms and deposits in the Bahan-Nuurin-Khotnor basin in the Khangai Mountains, *Bulletin de l'Académie polonaise des Sciences, Série des Sciences de la Terre*, **25** (3-4), 133-139. [dune stbdn]
- Rotnicki, K. and Tobolski, K. 1969. Main phases of dune-forming processes in Grablow Basin, based on stratigraphy of dune near Weglewice (in Polish, English abstract), in *Procesy i formy wydmowe w Polsce*, Ed. Galon, R., Prace Geograficzne, Warsaw, **75**, 239-247. [stbdn]
- Rothwell, P. 1985. Management problems on Ainsdale Sand Dunes, National Nature Reserve, in *Sand dunes and their management*, Ed. Doody, P., *Focus on Nature Conservation*, **13**, Nature Conservancy Council, Peterborough, 151-158. [codn dnuse]
- Rowan, W. 1913. Note on the food plants of rabbits on Blakeney Point, *Journal of Ecology*, **1** (1), 53-54. [dnveg codn]
- Rowe, J.S. and Abouguendia, Z.M. 1982. The Lake Athabasca sand dunes of Saskatchewan: a unique area, *The Musk-Ox*, **30**, 1-22. [or Row ??]
- Rowe, J.S. and Hermesh, R. 1974. Saskatchewan's Athabaska Sand Dunes, *Nature Canada*, **3**, 19-23. [dnecol abstract in Niessen, *et al.* 1984]
- Rowlands, P., Johnson, H., Ritter, E. and Endo, A. 1982. The Mojave Desert, in *Handbook of the deserts of North America*, Ed. Bender, G.L., Greenwood, Westport Connecticut, 103-162. [dune]
- Roy, B.B., Ghose, B. and Pandey, S. 1967. Landscape-soil relationships in Chothan Block in Barmer District in western Rajasthan, *Journal of the Indian Society of Soil Science*, **15**, 53-59. [dune dnsol]
- Rozema, J., Bijwaard, P., Prast, G. and Broekman, R. 1985. Ecophysiological adaptations of coastal halophytes from foredunes and salt marshes, *Vegetatio*, **62** (1-3), 499-521. [codn dnveg]
- Rozema, J., Laan, P., Broekman, R., Ernst, W.H.O. and Appello, C.A.J. 1985. On the lime transition and decalcification in the coastal dunes of the province of North Holland and the island of Schiermonnikoog, *Acta Botanica Neerlandica*, **34** (4), 393-411. [dnveg dnsol codn]
- Rozycki, S.Z. 1967. Le sens de vent portant la poussière de loess, à la lumière de l'analyse des formes d'accumulation en Bulgarie et Europe centrale, *Revue de Géomorphologie dynamique*, **17**, 7-9. [stbdn]
- Rozycki, S.Z. 1968. The directions of winds carrying loess dust as shown by analysis of accumulative loess forms in Bulgaria, in *Loess and related deposits of the world*, Eds. Shultz, C.B. and Frye, J.C., University of Nebraska Press, Lincoln Nebraska, 235-246. [stbdn]

- Ruangpanit, N. 1978. Primary productivity of sandhills grassland, *Dissertation Abstracts International*, **B 38** (10), ... [dnveg Colorado]
- Rubey, W.W. 1938. The force required to move particles on a stream bed, *United States Geological Survey, Professional Paper*, **189-E**, 120-141. [sdmo]
- Rubin, D.M. 1984. Factors determining desert dune type - discussion, *Nature*, **309** (5963), 91-92. [reply to Wasson and Hyde]
- Rubin, D.M. 1987. *Cross-bedding, bedforms and palaeocurrents, Concepts in Sedimentology and Palaeontology*, **1**, Society of Palaeontologists and Mineralogists, 187 pp. [dnbed]
- Rubin, D.M. 1988. *Computer programs for simulating bedforms and cross-bedding*, Society for Economic Palaeontologists and Mineralogists, Tulsa, OA, 187 pp. [dune dnbed]
- Rubin, D.M. and Hunter, R.E. 1981. Dune size in palaeodeserts of the Colorado Plateau (abstract), *Bulletin of the American Association of Petroleum Geologists*, **65** (5), 983.
- Rubin, D.M. and Hunter, R.E. 1982. Bedform climbing in theory and nature, *Sedimentology*, **29** (1), 121-138. [dune dnbed]
- Rubin, D.M. and Hunter, R.E. 1983. Reconstructing bedform assemblages from compound crossbedding, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 407-427. [dnbed]
- Rubin, D.M. and Hunter, R.E. 1984. Origin of first-order bounding surfaces - reply, *Sedimentology*, **31** (1), 128-232. [dnbed]
- Rubin, D.M. and Hunter, R.E. 1985. Why deposits of longitudinal dunes are rarely recognised in the geologic record, *Sedimentology*, **32** (1), 147-157. [dnbed]
- Rubin, D.M. and Hunter, R.E. 1987. Bedform alignment in directionally varying flows, *Science*, **237** (4812), 276-278. [dune]
- Rubin, D.M. and Ikeda, H. 1989. Flume experiments on the alignment of transverse, oblique, and longitudinal bedforms (abstract), *Proceedings of the 28th International Geological Congress*, **2**, 728. [dune]
- Rubin, D.M. and McCulloch, D.S. 1980. Single and superimposed bedforms: a synthesis of San Francisco Bay and flume observations, *Sedimentary Geology*, **26**, 207-231. [dnbed dunelog]
- Rudge, W.A.D. 1914. On the electrification produced during the raising of a cloud of dust, *Proceedings of the Royal Society of London*, **A 90** (618), 256-272. [sdmo]
- Ruegg, G.H.J. 1981. Sedimentary features and grain size of glacio-fluvial and periglacial Pleistocene deposits in the Netherlands and adjacent parts of West Germany, *Verhandlungen naturwissenschaftliche Vereinigung Hamburg*, **24**, 133-154. [stbdn sand dnbed]
- Ruegg, G.H.J. 1983. Periglacial eolian evenly laminated sandy deposits in the Late Pleistocene of NW Europe, in *Eolian sediments and landforms*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 455-482. [dnbed stbdn]
- Ruhle, E. 1961. *Geomorphology of Poland*, ** [review in *Czwartorzed Europy Sridkowki i Wschodnief*, 623-673. dune]
- Rumpel, D.A. 1985. Successive aeolian saltation: studies of idealized collisions, *Sedimentology*, **32** (2), 267-280. [sdmo]

Runhaar, J. 1989. Coastal defence analysis: Texel, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Scientific, The Hague, 197-206. [codn dnuse

Runhaar, J., Stevers, R.A.M. and de Haes, H.A.U. 1985. Political analysis of coastal defence, Texel (in Dutch), *Landschap*, **2**, 88-96. [dnuse

Rusnak, G.A. 1957. The orientation of sand grains under conditions of "unidirectional" fluid flow, *Journal of Geology*, **65** (4), 384-409.

Russell, J.S. and Rhoades, H.F. 1956. Water table as a factor in soil formation, *Soil Science*, **82**, 319-382. [dnsol

Russell, R.D. and Taylor, R.E. 1937. Bibliography on roundness and shape of sedimentary rock particles, *Report of the Committee on Sedimentation*, National Research Council, 65-80. [sand

Russell, J.L. 1981. Fluvial, eolian and estuarine-lagoonal depositional environments of south Texas, in *Modern depositional environments of sands in South Texas*, Eds. Sterling, C.E., *et al.*, convention field trip, Corpus Christi Geological Society, 35-41. [dnbed

Russell, R.J. 1932. Landforms of the San Geronio Pass, southern California, *University of California, Publications in Geography*, **6**, 106-114. [dune

Rust, U. 1979. Über Konvergenzen in Wüstenrelief am Beispiel der Südwestafrikanischen Namibwüste, *Mitteilungen der geographische Gesellschaft in München*, **64**, 201-216. [dune?

Rust, U. 1980. Models in geomorphology - Quaternary evolution of the actual relief pattern of coastal, central and northern Namib Desert, *Proceedings of the 5th South African Society for Quaternary Research, Palaeontologia Africana*, **23**, 173-184. [dune

Rust, U. 1984. Geomorphic evidence of Quaternary environmental changes in Etosha, in *Late Cainozoic palaeoclimates of the southern hemisphere*, Ed. Vogel, J.C., Balkema, Rotterdam, 279-286. [stbdcn ?

Rust, U. and Schmidt, H.H. 1981. Der Fragekreis Jungquarterer Klimaschwankung im Südwestafrikanischen Sektor des heute Aride Südlichen Afrika, *Mitteilungen der geographische Gesellschaft in München*, **66**, 142-174. [dune ?

Rust, U., Schmidt, H.H. and Dietz, K.R. 1984. Palaeoenvironments of the present day arid south western Africa 30 000 - 5 000 BP: results and problems, in *Palaeoecology of Africa*, **16**, Eds. Coetzee, J.A. and van Zinderen Bakker, E.M.Sr., Balkema, Rotterdam, 109-148. [stbdcn ?

Rust, U. and Wieneke, F. 1973. Die Rundungsgradanalyse nach Reichelt als Feldmethode in Trockengebieten, *Petermanns geographische Mitteilungen*, **117** (2), 118-123. [analysis of the degree of roundness proposed by Reichelt as a field method in arid regions sand

Rust, U. and Wieneke, F. 1976. Geomorphologie der küstennahen zentralen Namib (Südwestafrika), *Münchener geographische Abhandlungen*, **19**, 1-74. [dune?

Rust, U. and Wieneke, F. 1980. A reinvestigation of some aspects of the evolution of the Kuiseb River valley upstream of Gobabeb, South West Africa, *Madoqua*, **12**, 163-173. [dune

Rutford, R.H. and Calkin, P.F. 1974. Reversing barchans of the Victoria Valley, Antarctica: Discussion, *Bulletin of the Geological Society of America*, **85** (6), 1011-1012. [dune abstract in Niessen, *et al.* 1984

Rutin, J. 1983. *Erosional processes on a coastal sand dune*, *De Blink, Noordwijkerhout, The Netherlands*, Dissertatie Universiteit van Amsterdam, *Publicaties van het Fysische Geografisch en Bodenkundig Laboratorium van de Universiteit van Amsterdam*, **35**, Kaal, B.V., Amsterdam, 144 pp. [codn dnveg

- Rutten, L. 1910. Die Entstehung von Dünenpfannen und Dünenälern, *Petermanns geographische Mitteilungen*, **56** (1), 139. [dune]
- Rutten, M.G. 1954. Deposits of cover sand and loess in the Netherlands, *Geologie en Mijnbouw*, N.S., **16**, 127-129. [stbdn]
- Ruz, M.-H. 1988. Les crêtes littorales sableuses dunifiées du sudest Irlande comparées a celles du massif armoricain (France), *Zeitschrift für Geomorphologie, Supplement Band*, **73**, 73-86. [codn]
- Ruz, M.-H. 1989. Recent evolution of the southeast barrier coast of Ireland, *Journal of Coastal Research*, **5** (5), 523-540. [codn]
- Ruzyla, K. 1977. Stratigraphic analysis of the Navajo Sandstone: a discussion, *Journal of Sedimentary Petrology*, **47** (1), 489-491. [dnbed]
- Ryabikhin, E.L. 1973. Some sand-bearing wind parameters (in Russian), *Problems of Desert Development*, (3), 49-54. [sdmo abstract in Busche *et al.*, 1984]
- Ryabikhin, E.L. 1974. *Dynamics of eolian sands and protection of the foundation supports of power transmission lines from sand blowing (based on the example of the northern part of the west-Turkmen depression)* (in Russian), dissertation proposal, Kazakh State University, Alma Ata, 22 pp. [dnuse]
- Ryabikhin, E.L. 1977. On the propagation rate of desert dunes (abstract), *TGO*, Ashkhabad, 34-36. [dune]
- Ryabikhin, E.L., Bayramov, S.B. and Kazakova, L.N. 1975. Dynamics of shifting sands in Dardzhakum massif (western Turkmenistan), *Problems of Desert Development*, (1), 34-39. [dune sdmo]
- Sabban, P. 1897. Die Dünen der südwestlichen Heide Mecklenbergs und über die mineralogische Zusammenstehung diluvier und alluvialer Sande, *Mitteilungen der Mecklenbergs geologischen Landesanstalt*, **8**, 1-52. [stbdn]
- Saccardy, L. 1953. Fixation des dunes sur le littoral méditerranéen de l'Afrique du Nord, in *Actions éoliennes, phénomènes d'évaporation et d'hydrologie superficielle dans les régions arides, Colloques internationaux*, **35**, Centre nationale de la Recherche scientifique (CNRS), Paris, 277-286. [codn dnuse abstract in Busche *et al.*, 1984]
- Sack, D. 1987. Geomorphology of the Lynndyl Dunes, west-central Utah, in *Cainozoic geology of western Utah*, Eds. Kopp, R.S. and Cohenour, R.E., *Publication*, **16**, Utah Geological Association, 291-299.
- Saffman, P.G. 1965. The lift on a small sphere in a slow shear flow, *Journal of Fluid Mechanics*, **22** (2), 385-400. [sdmo]
- Sagan, C. 1973. Sandstorms and eolian erosion on Mars, *Journal of Geophysical Research*, **78** (20), 4155-4161. [sdmo]
- Sagan, C. and Bagnold, R.A. 1975. Fluid transport on Earth and aeolian transport on Mars, *Icarus*, **26** (2), 209-218. [sdmo]
- Sagan, C., Pieri, D., Fox, P., Arvidson, R.E. and Guinness, E.A. 1977. Particle motion on Mars inferred from the Viking Lander cameras, *Journal of Geophysical Research*, **82** (28), 4430-4438. [sdmo]
- Sagan, C., Veverka, J., Fox, P., Dubisch, R., Lederberg, J., Levinthal, E., Quam, L., Tucker, R., Pollack, J.B. and Smith, B.A. 1973. Variable features on Mars: preliminary Mariner 9 television results, *Icarus*, **17** (2), 346-372. [dune]
- Sagan, C., Veverka, J., Fox, P., Dubisch, R., French, R., Gierasch, P., Quam, L., Lederberg, J., Levinthal,

- E., Tucker, R. and Pollack, J.B. 1973. Variable features on Mars, 2. Mariner 9 global results, *Journal of Geophysical Research*, **78** (20), 4163-4196. [dune]
- Sagan, C., Veverka, J. and Gierasch, P. 1971. Observational consequences of martian wind regions, *Icarus*, **15** (2), 253-278. [sdmo]
- Sagan, C., Veverka, J., Steinbacher, R., Quam, L., Tucker, R. and Eross, B. 1974. Variable features on Mars. IV. Pavonis Mons, *Icarus*, **22** (1), 24-47. [sdmo]
- Sagga, A.M.S. 1986. *Variations in sand grain size and shape over barchan dunes in the Jafurah Desert, Saudi Arabia*, unpublished Ph.D. dissertation, University of Lancaster, **
- Sagert, G. 1976. *Dünen-Insel Scharhörn*, **, Hannover, ** [codn]
- Sagoe, K.M.-O. and Visser, G.S. 1977. Population breaks in grain-size distributions of sand - a theoretical model, *Journal of Sedimentary Petrology*, **47** (1), 285-310.
- Sahu, B.K. 1964. Depositional mechanisms from the size analysis of clastic sediments, *Journal of Sedimentary Petrology*, **34** (1), 73-83. [sand]
- Sahu, B.K. 1982. Multigroup discrimination of river, beach and dune sands using roundness statistics, *Journal of Sedimentary Petrology*, **52** (3), 779-785.
- Said, R. 1983. Remarks on the origin of the landscape of the eastern Sahara, *Journal of African Earth Sciences*, **1** (2), 153-158. [dune]
- Saini, B.S. 1971. Building design and planning for self-sustaining communities in remote localities of Australia's arid zone, in *Food, fiber, and the arid lands*, Eds. McGinnies, W.G., Goldman, B.J. and Paylore, P., University of Arizona Press, Tucson, AZ, 103-122. [dnuse geog qtos xf 75 mcg]
- Saini, B.S. and Borrack, G.C. 1968. Control of wind-blown sand and dust by building design and town planning in the arid zone, *Proceedings of the 3rd Australian Building Research Conference*, Melbourne, 1967, 221-224. [sdmo dnuse]
- Sainsbury, C.L. 1956. Wind-induced stone tracks, Prince of Wales Island, Alaska, *Bulletin of the Geological Society of America*, **67** (12), 1659-1660. [sdmo]
- Saint-Jours, B. 1901. L'âge des dunes et des étangs de Gascogne, *Bulletin de la Société de Géographie Commerciale de Bordeaux*, ** 49-**. [codn pald]
- Saint-Jours, B. 1913a. L'industrie préhistorique sur les dunes du Médoc et l'âge des dunes, *Revue Hist. Bord. Département Gironde*, **6**, 313-328. [codn]
- Saint-Jours, B. 1913b. La fixité de côte landaise. Dunes et étangs, *Revue de la Société géographique et Commerciale de Bordeaux*, **39**, 129-142. [codn]
- Saint-Jours, B. 1933. Les dunes de Gascogne, *Comptes rendus du 13^{ème} Congrès international de Géographie*. **2**, Paris, 713-716. [codn]
- Sakamoto-Arnold, C.M. 1981. Eolian features produced by the December, 1977 windstorm, southern San Joaquin Valley, California, *Journal of Geology*, **89** (1), 129-137. [dune sdmo]
- Salaun-Penquer, G., Nassar, C. and Guillaume, R. 1983. Resolution of equations governing the saltation motion in the air, in *Mechanics of sediment transport*, Eds. Sumer, B.M. and Muller, A., *Proceedings of Euromech*, **156**, Balkema, Rotterdam, 49-54. [sdmo abstract in Busche *et al.*, 1984]
- Sale, G.N. 1948. Note on sand dune fixation in Palestine, *Empire Forestry Journal*, **27**, 60-61. [codn dnuse]

Sallenave, H. 1955. Le reboisement de la zone littorale d'une forêt de dunes, *Revue forestière française*, **7** (1), 39-48. [dnuse dnveg codn]

Salisbury, E.J. 1922. The soils of Blakeney Point: a study of soil reaction and succession in relation to the plant covering, *Annals of Botany* (London), **36** (143), 391-431. [codn dnsol]

Salisbury, E.J. 1933. On the day temperatures of sand dunes in relation to the vegetation at Blakeney Point, Norfolk, *Transactions of the Norfolk and Norwich Naturalists Society*, **13**, 333-355. [codn dnveg dnsol dnhyd]

Salisbury, E.J. 1925. Note on the edaphic succession in some dune soils with special reference to the time factor, *Journal of Ecology*, **13**, 322-328. [codn dnsol]

Salisbury, E.J. 1952. *Downs and dunes: their plant life and environment*, Bell, London, 328 pp. [codn bot 83 b sal]

Sall, M. 1973. La côte nord de la Presqu'île du Cap-Vert. Nouvelles observations de la géomorphologie dynamique, *Bulletin de l'Institut fondamental de l'Afrique noire*, **A 35** (4), 741-763. [dune]

Sallenger, A.H.Jr. 1979. Inverse grading and hydraulic equivalence in grain-flow deposits, *Journal of Sedimentary Petrology*, **49** (2), 553-562. [dune dnbed]

Salman, A.H.P.M. 1982. Coastal cutback threatens Texel dunes (in Dutch), *Duin*, **5** (3), 3-11. [codn dnuse]

Salman, A.H.P.M. 1988. The protection of the western dunes of The Hague (in Dutch), *Duin*, **11** (4), 109-111. [codn dnuse]

Salman, A.H.P.M. 1989. The role of the Foundation for Dune Conservation (Stichting Duinbehoud), in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Scientific, The Hague, 239-248. [codn dnuse geog e 20 meu]

Salman, A.H.P.M. and Roeloffzen, T. 1981. Dune valleys on Ameland destroyed (in Dutch), *Duin*, **4** (3), 7-9. [codn dnuse]

Salomon, J.N. 1978. Sur la présence de la vieille dune jaune dans la région de Morombe (Sud-Ouest de Madagascar), *Revue de Géographie de Madagascar*, **33**, 77-79. [stbdn abstract in Busche *et al.*, 1984]

Saltiel, M. 1963. *Sand dune stabilisation for the protection of engineering structures, Technical Report, 2*, Tahal, Water Planning for Israel, Government of Israel, United Nations Special Fund (UNSF) / Food and Agriculture Organization of the United Nations (FAO), Tel Aviv, ** [dnuse]

Samojlov, I.W. 1956. *Die Flussmündungen*, Translated by Tutenberg, F., Ed. Taubert, H., Geographie, Kartographie Austalt, Haak, Gotha, 647 pp. [dune stbdn 231-233.]

Samuelsson, C. 1926. *Studien über die Wirkung des Windes in den kalten und genassugten Erdeilen*, *Bulletin of the Geological Institute of the University of Uppsala*, 20 pp. [dune stbdn]

Sand Movement Control Committee 1982. *Sand movement control in Saudi Arabia*, Saudi Arabian National Center for Science and Technology, Riyadh, Rabia Althani, **1402**, 12 pp. [dnuse]

Sanders, J.E. and Kumar, N. 1975. Evidence of shoreface retreat and in-place 'drowning' during Holocene submergence of barriers, shelf off Fire Island, New York, *Bulletin of the Geological Society of America*, **86** (1), 65-76. [codn]

Sandford, K.S. 1933a. Geology and geomorphology of the southern Libyan Desert, *Geographical Journal*, **82** (3), 213-219. [dune]

- Sandford, K.S. 1933b. Geology and geomorphology of the south Libyan Desert (abstract), *International Geological Congress*, **2**, Washington, DC, 779. [dune]
- Sandford, K.S. 1935. Geological observations on the N.W. frontier of the Anglo-Egyptian Sudan, *Quarterly Journal of the Geological Society of London*, **91**, 323-381. [dune]
- Sandford, K.S. 1953. Notes on sand dunes and artesian water in Egypt and the Sudan, *Geographical Journal*, **119** (3), 363-366. [dnhyd ?]
- Sanjaume, E. 1979. La Devesa del Salar hacia una solución definitiva, *Cuadernos de Geografia*, **25**, 202-204. [codn dnuse]
- Sanjaume, E. 1988. The dunes of Salar, Valencia, Spain, *Journal of Coastal Research, Special Issue*, **3**, 63-70. [codn]
- Sankary, M.N. and Goodin, J.R. 1988. Ecology of chenopodiaceae shrubs and their breeding for forage, fuel, wood production and sand dune fixation in the Arabian Mediterranean-type arid areas, in *Arid lands: today and tomorrow*, Eds. Whitehead, E.E., Hutchinson, C.F., Timmermann, B.N. and Varady, R.G., Westview, Boulder, 149-166. [dnuse geog ari 216 reserve dnveg]
- Sapozhnikova, S.A. 1970. Map-diagram of the number of days with sand storms in the hot zone of the USSR and the neighbouring territories, *Trudy NIIAK*, **65**, 61-69; and *Report*, **HT-23-0027**, United States Army Foreign and Technology Center, Charlottesville, VA, ** [sdmo]
- Sargos, R. 1949. *Contribution à l'histoire du boisement des Landes de Gascogne*, Delmas, Bordeaux, 836 pp. [codn dnveg dnuse]
- Sarnthein, M. 1978a. Sand deserts during the last glacial maximum and climatic optimum, *Nature*, **272** (5648), 43-46. [dune stbdn]
- Sarnthein, M. 1978b. Neogene sand layers off north-west Africa: composition and source environments, in *Initial reports of the deep sea drilling project*, **41**, Eds. Lancelot, Y. and Seibold, E., United States Government Printing Office, Washington, DC, 939-959. [dnbed]
- Sarnthein, M. and Diester-Haass, L. 1977. Eolian sand turbidites, *Journal of Sedimentary Petrology*, **47** (2), 868-890. [dnbed]
- Sarnthein, M., Seibold, E. and Rognon, P., Eds. 1980. *Sahara and Surrounding Seas: Symposium Proceedings*, Mainz, 1979, *Palaeoecology of Africa*, **12**, Balkema, Rotterdam, 408 pp. [dune stbdn Geog. Q 32 PAL abstract in Busche *et al.*, 1984]
- Sarnthein, M., Tetzlaff, G., Koopmann, B., Wolter, K. and Pflaumann, U. 1981. Glacial and interglacial wind regimes over the eastern tropical Atlantic and North-West Africa, *Nature*, **293** (5829), 193-196. [dune stbdn]
- Sarnthein, M., Thiede, J., Pflaumann, U., Erlenkenser, J., Futterer, D., Koopmann, B., Lange, H. and Seibold, E. 1982. Atmospheric and ocean circulation patterns off northwest Africa during the last 25 million years, in *Geology of the northwest African continental margin*, Eds. Von Rad, V., Hunz, K., Sarnthein, M. and Seibold, E., Springer-Verlag, Heidelberg, 545-604. [stbdn dune]
- Sarnthein, M. and Walger, K. 1974. Der äolische Sandstrom aus der W-Sahara zur Atlantikküste, *Geologische Rundschau*, **63** (3), 1065-1087. [dune]
- Sarre, R.D. 1984. *Sand movement from the intertidal zone and within coastal dune systems by aeolian processes*, unpublished D.Phil dissertation, University of Oxford, ** [sdmo codn]
- Sarre, R.D. 1987. Aeolian sand transport, *Progress in Physical Geography*, **11** (2), 157-182. [sdmo]

- Sarre, R.D. 1988a. Evaluation of aeolian sand transport equations using intertidal zone measurements, Saunton Sands, England, *Sedimentology*, **35** (4), 671-679. [sdmo codn]
- Sarre, R.D. 1988b. Aeolian sand transport, *Progress in Physical Geography*, **11** (2), 155-182. [sdmo]
- Sarre, R.D. 1989a. The morphological significance of vegetation and relief on coastal foredune processes, *Zeitschrift für Geomorphologie, Supplement Band*, **73**, 17-31. [codn dnveg sdmo]
- Sarre, R.D. 1989b. Aeolian sand drift from the intertidal zone on a temperate beach: potential and actual rates, *Earth Surface Processes and Landforms*, **14** (3), 247-258. [sdmo]
- Sasaki, S. 1962. On windblown soils in Massachusetts, *Pedorojiso*, **6**, 18-25. [stbdn ?]
- Sasse, E. 1988. Zur Vegetation der Küstendünen Mittelnorwegens, *Norden*, **6**, 13-39. [dnveg]
- Sasse, E. and Thannheiser, D. 1988. Die Pflanzengesellschaften der Küstendünen der westlichen kanadischen Arktis, in *Neue Ergebnisse der Küstenforschung*, Eds. Schipull, K. and Thannheiser, D., *Hamburger geographische Studien*, **44**, 193-206. [dnveg]
- Satoh, I. 1967a. Studies on some peculiar environmental factors related to cultivation in sand dune field, *Journal of the Faculty of Agriculture, Tottori University*, **5** (1), 1-41. [dnuse dnsol]
- Satoh, I. 1967b. *Test on the fixation of sand dunes in the New Valley*, Technical Report, Food and Agriculture Organisation of the United Nations (FAO), Rome, ... [dnuse]
- Saucier, R.T. 1978. Sand dunes and related eolian features of the Lower Mississippi River alluvial valley, *Geoscience and Man*, **19**, 23-40. [stbdn abstract in Busche *et al.*, 1984]
- Saunders, B.G.R. 1968. The physical geography of the Manawatu sand country, *New Zealand Geographer*, **24**, ** [stbdn ?]
- Saunders, R.S. and Blewett, D.T. 1987. Mars north polar dunes: possible formation from low density sediment aggregates, *Astronom. Vestnik*, **21**, 181-188.
- Saunderson, H.C. 1981. Tunnel transformation of antidunes, *Physical Geography*, **2** (2), 125-145. [dunelog]
- Sautter, E.H. 1964. Potassium-bearing feldspars in some soils of the Sand Hills of Nebraska (note), *Proceedings of the Soil Science Society of America*, **28** (5), 709-710. [stbdn dnsol]
- Savage, R.P. 1963. Experimental study of dune building with sand fences, in *Coastal engineering, Proceedings of the 8th International Conference on Coastal Engineering*, Mexico City, 380-396. [codn dnuse]
- Savage, R.P. and Woodhouse, W.W.Jr. 1969. Creation and stabilization of coastal barrier dunes, in *Coastal engineering, Proceedings of the 11th Conference on Coastal Engineering*, **1**, American Association of Civil Engineers, 671-700. [also *Reprint*, **3-69**, United States Army Corps of Engineers, Coastal Engineering Research Center, 29 pp. [codn dnuse abstract in Busche *et al.*, 1984 or 1968 ??]
- Savage, S.M., Martin, J.P. and Letey, J. 1969. Contribution of some soil fungi to natural and heat-induced water repellency in sand, *Proceedings of the Soil Science Society of America*, **33** (3), 405-409. [dnsol dnveg dnhyd]
- Savat, J. 1982. Common and uncommon selectivity in the process of fluid transportation: field observations and laboratory experiments on bare surfaces, in *Aridic soils and geomorphic processes*, Ed. Yaalon, D.H., *Catena, Supplement*, **1**, 139-159. [sdmo dnhyd ? abstract in Busche *et al.*, 1984 annexe]

- Savory, B.M. 1965. Sand of Kalahari-type in Sesheke District, Northern Rhodesia, in *Science and medicine in central Africa*, Ed. Snowball, G.J., Pergamon, Oxford, 189-200. [stbdn geog qg 44 sno
- Sawicki, L. 1923a. Quelques remarques sur le gisement de surface de la dune "Górki" à _widry Wielkie (in Polish, French abstract), *Wiadomosci archeologiczne*, **8**, 49-52. [stbdn
- Sawicki, L. 1923b. Les dunes considérées du point de vue des trouvailles préhistoriques (in Polish, French abstract), *Wiadomosci archeologiczne*, **8**, 139-148. [stbdn
- Sawicki, L. 1959. Le problème de l'âge des dunes (in Polish, French summary), in *Wydmy srodladowe Polski*, **I**, Ed. Galon, R., PWN, Warszawa, 53-71. [stbdn or 1958 ??
- Saxena, S.K. and Singh, S. 1976. Some observations on the sand dunes and vegetation of Bikaner District in western Rajasthan, *Annals of Arid Zone*, **15** (4), 313-322. [dnveg abstract in Busche *et al.*, 1984
- Sayles, R.W. 1931. Bermuda during the Ice Age, *Proceedings of the American Academy of Arts and Sciences*, **66**, 381-468. [codn
- Schaasma, H. 1942. Pine anchors for wandering dunes, *Christian Science Monitor*, pt 6. (October), ** [dnuse
- Schaber, G.G., Berlin, G.L. and Brown, W.E. 1976. Variations in surface roughness within Death Valley, California: geologic evaluation of 25-cm wavelength radar images, *Bulletin of the Geological Society of America*, **87** (1), 29-41. [sdmo
- Schad, S. and Thomae, M. 1975. *Untersuchungen im Littoral an der Süküste des Greifswalder Boddens unter Berücksichtigung von Kliff und Düne sowie Uferschutzbauten im Zeitraum August 1974 bis April 1975*, unpublished M.Sc. dissertation, Greifswald, 249 pp. [codn
- Schaffer, G. and Reuss, K. 1976. Wirkung von Bodenrüngungshilfsmitteln bei der mutterbodenlosen Begrünung eines Sandammes, *Zeitschrift für Kulturtechnik und Flurbereinigung*, **17** (6), 341-348. [glue dnuse abstract in Busche *et al.* 1984
- Schattner, I. 1955. The geomorphology of the Palestine coast, *Israel Exploration Journal*, ** 199-** [codn ?
- Scheffner, N.W. 1989. Dune erosion frequency of storm occurrence relationships, *Coastal Zone '89*, American Society of Civil Engineers, New York, 595-606. [codn
- Scheidegger, A.E. 1961. Theory of aeolian features, in *Theoretical geomorphology*, Ed. Scheidegger, A.E., Springer-Verlag, Berlin, 287-291. [geol c 5 sch dune sdmo
- Schelling, J. 1957. Herkunft, Aufbau und Bewertung der Flugsande im Binnenlande, *Erdkunde*, **11** (2), 129-135. [stbdn ?
- Schenk, C.J. 1982. *Analysis of stratification produced by eolian sand ripples*, unpublished M.Sc. dissertation, University of Michigan, Ann Arbor, ** [dnbed
- Schenk, C.J. 1983. Textural and structural characteristics of some experimentally formed eolian strata, in *Eolian sediments and landforms*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 41-49. [dnbed
- Schenk, C.J. and Fryberger, S.G. 1988. Early diagenesis of eolian dune and interdune sands at White Sands, New Mexico, *Sedimentary Geology*, **55** (3), 109-120. [sand dnbed dnsol
- Schenze, W. 1968. Binnendünenbildungen Südlich von Weisswasser, *Geologie*, (Berlin), **17** (4), 473-474. [stbdn

- Schermer, A. 1935. Dunes and culture of Schoorl (in Dutch), *Levende Natuur*, **40**, 179-194. [codn dnuse]
- Scherz, C.F. 1876. Eine Wanderung durch Borkum's Dünen, *Ostfriesischen Monastbl.*, **4**, 1-14. [codn]
- Schiffers, H. 1957. Borkou et ses habitants, *Travaux de l'Institut de Recherches sahariennes*, **15**, 67-88. [dune]
- Schiffers, H., Ed. 1971a. *Die Sahara und ihre Randgebiete, Darstellung eines Naturgrossraumes Gesamtbearbeitung. 1. Physiographie*, Weltforum Verlag, Munich, 674 pp. [dune]
- Schiffers, H., Ed. 1973a. *Die Sahara und ihre Randgebiete, Darstellung eines Naturgrossraumes Gesamtbearbeitung. 3. Regionalgeographie*, Weltforum Verlag, Munich, 746 pp. [dune]
- Schiffers, H., Ed. 1973b. Die Südgrenze der Sahara und ihr Südliches Randgebeite, in *Die Sahara und ihre Randgebiete, Darstellung eines Naturgrossraumes Gesamtbearbeitung. 3. Regionalgeographie*, Ed. Schiffers, H., Weltforum Verlag, Munich. 654-728. [dune stbdn]
- Schild, R. 1969. On the archaeological stratigraphy of the inland dunes, in *Dune processes and forms in Poland (in Polish)*, Ed. Galon, R., Polskiej Akademii Nauk, Instytut Geografii, *Prace Geograficzne*, Warsaw, **75**, 145-162. [dune stbdn]
- Schirmer, H. 1903. Lois du transport des sables mouvants, *La Géographie*, 307-308. [dune sdmo
summary of von Cholnoky, E. 1903 in RGS]
- Schlee, J., Uchupi, E. and Trumbill, J.V.A. 1964. Statistical parameters of Cape Cod beach and eolian sand, *United States Geological Survey, Professional Paper*, **501-D**, D 118-D 122. [codn]
- Schlegel, G.C.J., von Harmse, H.J. and Brunke, O. 1989. Granulometric and mineralogic characteristics of the Kalahari Sand of southern Africa, *South African Journal of Geology*, **92**, 207-222.
- Schlichting, H. 1936. Experimentelle Untersuchungen zum Rauigkeits-problem, *Ingenieur-Archiv*, **7** (1), 1-34. [sdmo translated in *NACA Technical Memorandum*, **823-514**, **]
- Schmalz, R.F. 1968. Formation of red beds in modern and ancient deserts, *Bulletin of the Geological Society of America*, **79** (2), 277-280. [dnbed dnsol]
- Schmidt, H. 1940. Vorgeschichtliche Grabhügel unter den Dünen der Insel Sylt, *Geologie der Meere und Binnengewasser*, **4**, 42-54. [codn or **6**, 125-134, 1943 ??]
- Schmidt, R. 1971. Die Weichselzeit im Übergangsbereich Zwischenloess und Treibsand in Nordsachsen (Grossenhainer Gebiet), *Seskoslovenska Akademiya Ved., Geograficky Ustav, Zpravy*, **8** (6), 1-23. [stbdn
codn ?]
- Schmidt, R.A. 1980. Threshold windspeeds and elastic impact in snow transport, *Journal of Glaciology*, **26** (94), 453-467. [sdmo]
- Schmidt, R.A. 1981. Estimates of threshold windspeed from particle sizes in blowing snow, *Cold Region Science and Technology*, **4**, 187-193. [sdmo]
- Schmidt, R.A. 1982a. Properties of blowing snow, *Revue of Geophysics and Space Physics*, **20**, 39-44. [sdmo]
- Schmidt, R.A. 1982b. Vertical profiles of wind speed, snow concentration, and humidity in blowing snow, *Boundary-Layer Meteorology*, **23**, 223-246. [sdmo]
- Schmidt, R.A. 1984. Measuring particle size and snowfall intensity in blowing snow, *Cold Regions Science and Technology*, **9**, 121-129. [sdmo]

- Schmidt, R.A. 1986. Transport rate of drifting snow and the mean wind speed profile, *Boundary-Layer Meteorology*, **34** (3), 213-241. [sdmo]
- Schmidt, R.H.Jr. and Marston, R.A. 1983. The Samalyuca dune field, Chihuahua, Mexico, in *Geology and mineral resources of north-central Chihuahua*, Ed. Clark, K.F., El Paso Geological Society, **14**, 417-423.
- Schmidt-Thomé, P. 1987. *Helgoland. Seine Dünen-Inseln, die umgebenden Klippen und Meeresgründe*, *Slg. Geol. Führ.*, **82**, Borntraeger, Berlin, 111 pp. [codn]
- Schmitt, G. 1913. Le Sahara occidental. Régions au nord et au nord-ouest de l'Adrar mauritanéen, *La Géographie*, **27**, 241-261. [dune]
- Schneider, H.E. 1970. Problems of quartz grain morphology, *Sedimentology*, **14**, 325-335. [sand]
- Schneidhauer, W. 1940. Gravitative Auslerevorgänge bei der Sedimentation von Sanden, *Chemie der Erde*, ** [dune dnbed]
- Schoeller, H. 1945a. Le Quaternaire de la Saoura et du Grand Erg Occidental, *Travaux de l'Institut de Recherches sahariennes*, **3**, 57-71. [dune]
- Schoeller, H. 1945b. L'hydrologie d'une partie de la vallée de la Saoura et du Grand Erg Occidental, *Bulletin de la Société géologique de France*, 5ème Série **15**, 563-585. [dnhyd dune]
- Schoeller, H. 1959. *Arid zone hydrology: recent developments*, *Arid Zone Research*, **12**, United Nations Educational, Scientific and Cultural Organization (UNESCO), Paris, ** [geog xf 23 sch ?? or store dnhyd]
- Schoeller, M. 1965. La teneur en chlore de l'eau de la nappe des sables des Landes du Bassin de l'Eyre, *Bulletin of the International Society of Scientific Hydrology*, **10**, 5-10. [dnhyd]
- Schoeneich, K. 1958. Remarks on the morphology of dunes in the vicinity of Warsaw (in Polish, English abstract), *Przegł_d Geologiczny*, **6**, 40-42. [stbnd]
- Schoeneich, K. 1959. Attempt of genetic classification of dune forms in vicinity of Warsaw (in Polish, English abstract), *Kwartalnik Geologiczny*, **3**, 1051-1061. [stbnd]
- Schofield, C.J. 1975. Sea-level fluctuations cause periodic postglacial progradation, south Kaipara Barrier, North Island, New Zealand, *New Zealand Journal of Geology and Geophysics*, **18**, 295-316. [codn or J.C. ??]
- Scholle, P.A. and Spearing, B. 1982. *Sandstone depositional environments*, *Memoir*, **31**, American Association of Petroleum Geologists, Tulsa, OA, 410 pp. [geog qtos se 37 sch dnbed]
- Scholz, H. 1972. The soils of the central Namib Desert with special consideration of the soils in the vicinity of Gobabeb, *Madoqua*, Series II, **1**, 35-51. [dune dnsol sand dnbed]
- Schoorl, H. 1963. Pieterssen's map of the Oogduinen from the year 1606, *West-Friesland's Oud en Nieuw*, **30**, 132-137. [codn]
- Schou, A. 1945. *Det marine forland*, *Folia Geographica Dannica*, **4**, Royal Danish Geographical Society, Copenhagen, 236 pp. [codn ?]
- Schou, A. 1952. Direction determining influence of the wind on shoreline simplification and coastal dunes, *Proceedings of the 17th International Geographical Union*, Washington, 37-373. [codn]
- Schou, A. 1974. Formation and soil characteristics of dunes, in *Report on the FAO/DANIDA inter-regional training centre on heathland and sand dune afforestation*, Food and Agriculture Organization of

the United Nations (FAO) / Danish International Development Agency (DANIDA), Denmark and Libya, 26 August to 21 September 1973. FAO, Rome, 37-41. [dnsol]

Schultz, C.B. 1981. History of the Nebraska, USA, Sand Hills in relation to worldwide desertification, *91st Annual Meeting*, Nebraska Academy of Sciences and Affiliated Societies, Lincoln, April 10-11, 35 pp. [stbdn dnuse]

Schultz, C.B. and Smith, H.T.U., Eds. 1965. *Guidebook for Field Conference D: central Great Plains, VII Congress*, International Quaternary Research Association (INQUA), U.S.A., Nebraska Academy of Sciences, Lincoln, 124 pp. [stbdn]

Schultz, J.D. 1980. *Geomorphology, sedimentology and Quaternary history of the eolian deposits, east central San Juan Basin, northwest New Mexico*, unpublished M.Sc. dissertation, University of New Mexico, ** [dune stbdn?]

Schultz, J.D. and Wells, S.G. 1981. Geomorphology of the Chaco dune field, northeastern New Mexico, *Geological Society of America, Abstracts with Programs*, **13** (2), 105. [abstract in Busche *et al.* 1984]

Schülz, E. and Whitney, J.W. 1985. *Vegetation on the northern Arabian shield and adjacent sand seas*, United States Geological Survey, Open-File Report, **OF-0116**, 45 pp. [dnveg]

Schulz, E.F., Wide, R.H. and Albertson, M.L. 1954. *Influence of shape on the fall velocity of sedimentary particles*, *Sediment Series*, **5**, United States Army, Corps of Engineers, Missouri River Division, Fort Collins, Colorado, 161 pp. [sand]

Schulze, F.W.O. 1910. Dünenbau, in *Dünenbuch*, Eds. Solger, F., Graebner, P., Thienemann, J., Speiser, P. and Schulze, F.W.O., Enke, Stuttgart, 377-404. [dune codn ?]

Schumann, J. 1859. Die wandernden Dünen auf der kurischen Nehrung, *Petermanns geographische Mitteilungen*, **5**, 196-197. [codn dune]

Schütte, H. 1905. Ein neu entstandenes Düneneiland zwischen Aussenjade und Aussenweser, *Jahrbücher des Vereins für Naturkunde Unterweser*, **1903/1904**, 31-42. [codn]

Schütz, L. and Jaenicke, R. 1974. Particle number and mass distributions above 10^{-4} cm radius in sand and aerosols of the Sahara desert, *Journal of Applied Meteorology*, **13** (8), 863-870.

Schwan, J. 1986. The origin of horizontal alternating bedding in Weichselian aeolian sands in northwestern Europe, *Sedimentary Geology*, **49** (1-2), 73-108. [dnbed]

Schwan, J. 1987. Sedimentologic characteristics of a fluvial-to-aeolian succession in Weichselian Talsand in Emsdal (F.R.G.), *Sedimentary Geology*, **52** (3-4), 273-290. [dnbed]

Schwan, J. 1988. The structure and genesis of Weichselian to Early Holocene sand sheets in western Europe, *Sedimentary Geology*, **55** (3-4), 197-232. [dune]

Schwan, J. 1989. Grain fabrics of natural and experimental low-angle aeolian sand deposits, *Geologie en Mijnbouw*, **68** (2), 211-219. [dnbed]

Schwartz, M.L., Ed. 1973. *Barrier islands, Benchmark Papers in Geology*, **9**, Dowden, Hutchinson and Ross, Stroudsburg, PA, 451 pp. [codn or M.J. ??]

Schwartz, M.L. 1971. The multiple causality of barrier islands, *Journal of Geology*, **79** (1), 91-94. [codn]

Schwartz, M.L., Ed. 1982. *The encyclopedia of beaches and coastal environments*, Hutchinson and Ross, New York, 940 pp. [codn geol a 2 ecy]

Schwarz, E.H.L. 1906. Natural mounds in Cape Colony, *Geographical Journal*, **27** (1), 67-69. [dune ?]

- Schwarzbach, M. 1974. Geologische Taetigkeit des Windes, in *Lehrbuch der Allgemeinen Geologie: Festland, Meer*, **1**, Ferdinand Enke Verlag, Stuttgart, 260-290. [Geologic function of wind dune]
- Schwendiman, J.L. 1977. Coastal sand dune stabilization in the Pacific Northwest, USA, *International Journal of Biometeorology*, **21**, 256-266. [dnveg dnuse codn]
- Schweigger, E. 1949. Vientos marinos y su influencia en el continente, *Boletin del Societa Geologica del Perú*, **48**, 113-174. [sdmo dune ? Erwin]
- Scott, A.J. and Hayes, M.O. 1964. *Playa lake and clay dunes. Depositional environments*, Corpus Christi Geological Society, University of Texas, Corpus Christi, TX, 38 pp. [stbdn]
- Scott, G.R. 1965. The Quaternary sequence east of the Front Range near Denver, Colorado, *Guidebook for One-Day Field Conferences, Boulder Area, Colorado*, **9**, International Quaternary Research Association (INQUA), *VIII Congress, U.S.A.*, 48-55. [stbdn]
- Scott, G.R. 1960. Subdivision of the Pleistocene alluvium east of the Front Range near Denver, Colorado, *Bulletin of the Geological Society of America*, **71** (10), 1541-1544. [stbdn]
- Scott, I.D. and Dow, K.W. 1937. Dunes of the Herring Lake embayment, Michigan, *Michigan Academy of Sciences, Papers*, **22**, 437-450. [codn]
- Scott, W.D. and Carter, D.J. 1986. Logarithmic profile in wind erosion – an algebraic solution, *Boundary-Layer Meteorology*, **34** (3), 303-310. [sdmo]
- Scott-Wendt, J.W., Chase, R.G. and Hossner, L.R. 1988. Soil chemical variability in sandy ustalfs in semiarid Niger, West Africa, *Soil Science*, **145** (6), 414-419. [dnsol stbdn]
- Seaton, D. 1968. Bornish blow-out, *Scottish Agriculture*, summer, 145-148. [codn dnuse]
- Seeliger, M.T. and Zimmerman, D.L. 1978. Deep replacement of fertilizers best for vegetative stablization of coastal calcareous sands, *4th Australian Conference on Coastal and Ocean Engineering*, 243-244. [codn dnsol dnveg dnuse abstract in Busche *et al.* 1984]
- Seely, M.K. 1975. Namib dune coast reconnaissance, *Namib und Meer*, **5**, 15-26. [dnveg]
- Seely, M.K. 1976. Sand solidified by gemsbok urine as selected burrow sites by gerbils, *Zool. Afr.*, **12**, 246-248. [dnsol]
- Seely, M.K. 1978. The Namib dune desert: an unusual ecosystem, *Journal of Arid Environments*, **1** (2), 117-128. [dune dnveg abstract in Busche *et al.*, 1984]
- Seely, M.K., de Vos, M.P. and Louw, G.N. 1977. Fog catchment sand trenches constructed by tenebrionid beetles, *Lepidochora*, from the Namib desert, *Science*, **193**, 484-486. [decol dnveg]
- Seely, M.K. and Louw, G.N. 1980. First approximation of the effects of rainfall on the ecology and energetics of a Namib dune ecosystem, *Journal of Arid Environments*, **3** (1), 25-54. [dnveg abstract in Busche *et al.*, 1984]
- Seevers, P.M. and Drew, J.V. 1973. Evaluation of ERTS-1 imagery in mapping and managing soil and range resources in the Sand Hills region of Nebraska, *Symposium on Significant Results Obtained from the Earth Resources Technology Satellite*, **1**, Section A, National Aeronautics and Space Administration (NASA), Goddard Space Flight Center, New Carrollton, MD, 87-89. [dnuse dnveg geol a 9 nat ? brief abstract in Busche *et al.*, 1984]
- Seevers, P.M., Lewis, D.T. and Drew, J.V. 1974. Application of ERTS-1 imagery in mapping and managing soil and range resources in the Sand Hills region of Nebraska, *Earth Resources Technology*

Satellite, Type II Report, **1**, Section A, National Aeronautics and Space Administration (NASA), Goddard Space Flight Center, Greenbelt, MD, 225-232. [geog d 50 sym, geol a 9 nat dnuse dnsol]

Seevers, P.M., Lewis, D.T. and Drew, J.V. 1975. Use of ERTS-1 imagery to interpret the wind erosion in Nebraska's Sand Hills, *Journal of Soil and Water Conservation*, **30** (4), 181-184. [dnuse]

Segerstrom, K. 1962. Deflated marine terrace as a source of dune chains, Atacama Province, Chile, *United States Geological Survey, Professional Paper*, **450-C**, 91-93.

Seifert, A. 1953. Die jüngste geologische Entwicklung der Helgoländer Düne, *Natur und Volk*, **83**, 311-317. [codn]

Selassi, M.L. 1983. *Lutte contre l'ensablement des palmeraies du sud de Maroc*, Rapport sur la Consultation en Météorologie, United Nations Development Programme (UNDP) / Food and Agriculture Organization of the United Nations (FAO), Rome, 49 pp. [dnuse]

Selby, M.J., Rains, R.B. and Palmer, P.W. 1973. Eolian deposits of the ice-free Victoria Valley, southern Victoria Land, Antarctica, *New Zealand Journal of Geology and Geophysics*, **17** (3), 543-562. [dune abstract in Niessen, *et al.* 1984]

Selim, A.A. 1974. Origin and lithification of the Pleistocene carbonates of the Salum area, western coastal plain of Egypt, *Journal of Sedimentary Petrology*, **44** (1), 70-78. [codn dnsol]

Selivanov, Y.I. 1961. *Forms of aeolian sand accumulations in the western part of Central Asia*, Moskovskogo Universitieta, Vestnik, ** [dune]

Selivanov, Y.I. 1969. The eolian sands of Mongolia and their origin, (in Russian), *Moskovskiy Universitieta, Vestnik, Seriya Geografii*, **24** (5), 75-83. [dune]

Sellards, E.H., Tharp, B.C. and Hill, R.T. 1923. Investigations of the Red River made in connection with the Oklahoma-Texas boundary suit, *Bulletin*, **2327**, University of Texas, 37-59. [stbdn]

Selzk, M.H. and El-Baz, F. 1979. Temporal changes as depicted on orbital photographs of arid regions of Africa, in *Apollo-Soyuz Test Project: Earth observations and photography*, **SP-412, 2**, National Aeronautics and Space Administration (NASA), Washington, DC, 263-272. [dune]

Semeniuk, V. 1985. The age structure of a Holocene barrier dune system and its implications for sea-level history reconstructions in southwestern Australia, *Marine Geology*, **67** (3-4), 197-212. [codn]

Semeniuk, V. and Glassford, D.K. 1988. Significance of aeolian limestone lenses in quartz sand formations: an interdigitation of coastal and continental facies, Perth Basin, southwestern Australia, *Sedimentary Geology*, **57** (3-4), 199-209. [dnbed codn]

Semeniuk, V. and Johnson, D.P. 1982. Recent and Pleistocene beach/dune sequences, western Australia, *Sedimentary Geology*, **32**, 301-328. [codn]

Semeniuk, V. and Meagher, T.D. 1981a. Calcrete in Quaternary coastal dunes in southwestern Australia: a capillary rise phenomenon associated with plants, *Journal of Sedimentary Petrology*, **51** (1), 47-68. [codn dnsol abstract in Busche *et al.* 1984]

Semeniuk, V. and Meagher, T.D. 1981b. The geomorphology and surface processes of the Australind-Leschenault inlet coastal area, *Journal of Royal Society of Western Australia*, **64** (1), 33-51. [codn]

Semeniuk, V. and Searle, D.J. 1985. Distribution of calcrete in coastal sands in relation to climate, southwestern Australia, *Journal of Sedimentary Petrology*, **55** (1), 86-95. [dune dnsol]

Semikhova, O.A. and Alekseeva, L.N. 1973. Plant respiration in a sandy desert (in Russian), *Problemy Osvoeniia Pustyn*, (3), 66-70. [dnveg abstract in Busche *et al.* 1984]

Semrau, I. 1965. *Influence of the aeolian transport on the sanding of the mouth of the _eba*, *Materiały Instytutu Morskiej*, (in Polish), **H 74**, Gdańsk, 23 pp. [sdmo dnuse codn]

Sen, A.K. 1977. Aerial photo interpretation to analyse the land use pattern of sand dunes, *Geographical Review of India*, **39** (4), 346-352. [dgeog abstract in Busche *et al.* 1984 dnuse stbdn]

Seneca, E.D., Woodhouse, W.W.Jr. and Broome, S.W. 1976. *Dune stabilization with Oenanthus amarus along the North Carolina coast*, **MR 76-3**, United States Army Corps of Engineers, Coastal Engineering Research Center, Ft. Belvoir, VA, ** [codn dnuse abstract in Busche *et al.*, 1984]

Sengupta, S. 1975. Size-sorting during suspension transportation - lognormality and other characteristics, *Sedimentology*, **22** (2), 257-274. [sand]

Senkevich, B.I. 1976. *On the origin of basic forms of aeolian relief of sand deserts* (in Russian), **, Ashkhabad, ** [dune]

Senkevich, B.N. 1963. K eksperimentalnym issledvaniyam struktury vetropeschanova potakov aerodynamicheskoy trube, *Izvestiya Akademija Nauk, Turkmenskoj SSR*, (4), 30-35. [wnerop from Pasak sdmo ?]

Sentenac, A. and Haverbeke, L. 1986. *Inventaire des sites ensablés ou gravement menacés par l'ensablement, nécessitant une intervention urgente. Lutte curative, Nouakchott, Mauritanie*. Food and Agriculture Organization of the United Nations, (FAO), Rome, **O-FO--UNO/MAU/002/UNSO**, 243 pp. [dnuse]

Seppälä, M. 1969. On the grain size and roundness of wind-blown sands in Finland as compared with some central European samples, *Bulletin of the Geological Society of Finland*, **41**, 165-181. [stbdn abstract in Niessen, *et al.* 1984]

Seppälä, M. 1971. Evolution of eolian relief of the Kaamasjoki-Kiellajoki River basin in Finnish Lapland, *Fennia*, **104**, 4-88. [dune stbdn abstract in Niessen, *et al.* 1984]

Seppälä, M. 1972a. Location, morphology and orientation of inland dunes in northern Sweden, *Geografiska Annaler*, **A 54** (2), 85-104. [abstract in Niessen, *et al.* 1984 also *Publication*, **59**, Instituti Geographici Universitatis Turkuensis, 20 pp.

Seppälä, M. 1972b. Some remarks on the formation of scratch circles on wind-blown sand, *Bulletin of the Geological Society of Finland*, **44** (2), 131-132. [dune dnbed]

Seppälä, M. 1972c. Location, morphology and orientation of inland dunes in northern Sweden, *Publication*, **59**, Instituti Geographici Universitatis Turkuensis, 20 pp. [stbdn]

Seppälä, M. 1973. On the formation of periglacial sand dunes in northern Fennoscandia, *Abstracts Volume, 9th Congress*, International Quaternary Research Association (INQUA), Christchurch, New Zealand, 318-319. [stbdn abstract in Niessen, *et al.* 1984]

Seppälä, M. 1974. Some quantitative measurements of present-day deflation of Hietatievat, Finnish Lapland, *Abhandlungen der Akademie der Wissenschaften in Göttingen, Mathematisch-Physikalische Klasse*, **III, 29**, 208-220. [sdmo abstract in Niessen, *et al.* 1984 and Busche *et al.*, 1984]

Seppälä, M. 1975. International research programme for periglacial sand dune studies - a recommendation, *Quaestiones Geographicae*, **2**, 139-143. [stbdn abstract in Niessen, *et al.* 1984]

Seppälä, M. 1981. Forest fires as activator of geomorphic processes in Kuttanen esker-dune region, northernmost Finland, *Fennia*, **159** (1), 221-288. [sdmo stbdn]

Seppälä, M. 1984. Deflation measurements on Hietatievat, Finnish Lapland, in *Northern ecology and*

- resource management*, Eds. Olson, R., Geddes, F. and Hastings, R., The University of Alberta Press, Edmonton, 39-49. [dnuse stbdn]
- Seppälä, M. 1987. Periglacial phenomena in northern Fennoscandia, in *Periglacial processes and landforms in Britain and Ireland*, Ed. Boardman, J., Cambridge University Press, Cambridge, 45-55. [dune stbdn]
- Seppälä, M. and Lindé, K. 1978. Wind tunnel studies of ripple formation, *Geografiska Annaler*, **A 60** (1-2), 29-40.
- Serkhenov, E. 1969. Some data on the geomorphic study and mapping of sands using aeromethods (in Russian), *Problemy Osvoeniya Pustyn*, (5), 30-36. [dune]
- Serret, M. 1933. L'Ouaddai, physionomie du pays: les facteurs d'érosion, *Comptes rendus du 13^{ème} Congrès international de Géographie*, **2**, Paris, 685-687. [dune stbdn]
- Seth, S.K. 1978. The desiccation of the Thar Desert and its environs during the protohistorical and historical periods, in *The environmental history of the Near and Middle East since the last ice age*, Ed. Brice, W.C., Academic Press, London, 279-305. [stbdn]
- Setlow, L.W. 1978. Age determination of reddened coastal dunes by scanning electron microscopy, in *Scanning electron microscopy in the study of sediments*, Ed. Whalley, W.B., Geoabstracts, Norwich, 283-306. [codn sand dnsol]
- Sevenet, Lt. 1943. Etude sur le Djouf (Sahara occidental), *Bulletin de l'Institut français de l'Afrique noire*, **5** (1-4), 1-26. [dune]
- Sevon, W.D. 1966. Distinction of New Zealand beach, dune and river sands by their grain size distribution characteristics, *New Zealand Journal of Geology and Geophysics*, **9** (3), 212-223. [codn]
- Sevon, W.D. 1968. First and second degree regression correlation of the size analysis statistical parameters of Trask, Inman, Folk and Ward and Friedman, *Journal of Sedimentary Petrology*, **38** (1), 238-240. [sand]
- Shackley, M. 1982. Namin IV and the Acheulean technocomplex in the central Namib Desert, South West Africa, *Palaeoecology of Africa*, **14**, 151-160. [dune]
- Shaidae, G. and Niknam, F. n.d. *Conservation and resources in Iran*, Ministry of Agriculture, Forestry and Range Organization, Iran, 50 pp. [dnuse abstract in Busche *et al.* 1984]
- Shaler, N.S. 1894. Phenomena of beach and dune sands, *Bulletin of the Geological Society of America*, **5**, 207-212.
- Shamshina, V.A. 1973. *Use of nerosine and other fixative chemicals in restoring fodder lands on sandy soils around the Caspian Sea*, dissertation summary, Volgograd Agricultural Institute, Volgograd, 19 pp. [dnuse glue]
- Shankar, V. and Dadhich, N.K. 1977. Effects of long-term closure on changes in dune vegetation, *Annals of Arid Zone*, **16** (3), 381-386. [dnveg dnuse abstract in Busche *et al.*, 1984]
- Shankar, V. and Saxena, S.K. 1978. Effect of long-term closure on vegetation development under various habitat conditions, *Annual Report, 1976*, Central Arid Zone Research Station (CAZRI), Jodhpur, 85-87. [dveg graz dnveg dnuse abstract in Busche *et al.*, 1984]
- Sharif, M. 1960. Mastung Sand Dunes – their formation and control, *Proceedings, Symposium on soil erosion and its control in arid and semiarid zones*, Karachi, 1957, 285-307. [dnuse]

- Sharp, M. and Gomez, B. 1985. Processes of debris comminution in the glacial environment and implications for quartz sand micromorphology, *Sedimentary Geology*, **46** (1), 33-47.
- Sharp, R.P. 1962. Measurements on desert dunes - a testing of some concepts (abstract), *Special Paper*, **73**, Geological Society of America, 238-239.
- Sharp, R.P. 1963. Wind ripples, *Journal of Geology*, **71** (5), 617-636. [sdmo abstract in Busche *et al.*, 1984]
- Sharp, R.P. 1964. Wind-driven sand in the Coachella valley, California, *Bulletin of the Geological Society of America*, **75** (9), 785-804. [ripple dune sdmo abstract in Busche *et al.*, 1984]
- Sharp, R.P. 1966. Kelso Dunes, Mojave Desert, California, *Bulletin of the Geological Society of America*, **77** (10), 1045-1074. [abstract in Busche *et al.*, 1984]
- Sharp, R.P. 1968. Surface processes modifying Martian craters, *Icarus*, **8** (3), 472-480. [dune?]
- Sharp, R.P. 1978. The Kelso Dune complex, in *Aeolian features of southern California: a comparative planetary geology guidebook*, Eds. Greeley, R., Womer, M.B., Papson, R.P. and Spudis, P.D., Office of Planetary Geology, National Aeronautics and Space Administration (NASA), Washington, DC, 53-64.
- Sharp, R.P. 1979. Intradune flats of the Algodones chain, Imperial Valley, California, *Bulletin of the Geological Society of America*, **90** (10), 908-916. [dnbed dune]
- Sharp, R.P. 1980. Wind-driven sand in the Coachella valley, California -further data, *Bulletin of the Geological Society of America*, **91** (12), 724-230. [sdmo]
- Sharp, R.P. 1982. Kelso Dunes, in *Geologic excursions in the California Desert*, Ed., Cooper, J.D., Geological Society of America, 83-87.
- Sharp, R.P. and Saunders, R.S. 1978. Aeolian activity in westernmost Coachella Valley and at Garnet Hill, in *Aeolian features of southern California: a comparative planetary geology handbook*, Eds. Greeley, R., Womer, M.B., Papson, R.P. and Spudis, P.D., Office of Planetary Geology, National Aeronautics and Space Administration (NASA), Washington, DC, 9-27. [dune abstract in Busche *et al.*, 1984]
- Sharp, W.E. 1960. The movement of playa scrapers by the wind, *Journal of Geology*, **68** (5), 567-572. [sdmo]
- Sharp, W.M. 1953. A re-evaluation of plant communities within the Pheasant Range in the Nebraska Sandhills, *Ecology*, **34** (4), 771-777. [dveg]
- Shaw, M.W. 1985. Sand dunes in Scotland - The Scottish Coastal Survey, in *Sand dunes and their management*, Ed. Doody, P., *Focus on Nature Conservation*, **13**, Nature Conservancy Council, Peterborough, 99-131. [codn dnveg]
- Shaw, P.A. 1985. Late Quaternary landforms and environmental change in northeastern Botswana: the evidence of Lake Ngami and the Mababe Depression, *Transactions of the Institute of British Geographers*, NS **10** (3), 333-346. [stbdn]
- Shaw, P.A. and Cooke, H.J. 1986. Geomorphic evidence for the Late Quaternary palaeoclimates of the middle Kalahari and northern Botswana, *Catena*, **13** (4), 349-359. [stbdn]
- Shaw, P.A., Cooke, H.J. and Thomas, D.S.G. 1988. Recent advances in the study of Quaternary landforms in Botswana, *Palaeoecology of Africa*, **19**, 15-26. [stbdn]
- Shea, J.H. 1974. Deficiencies of clastic particles of certain sizes, *Journal of Sedimentary Petrology*, **44** (4), 985-1003. [sand]

- Shell Construction Service 1969. Shell Sandfix, *Shell Bitumen Review*, **28**, ** [glue wneroc]
- Shepard, F.P. and Wanless, H.R. 1971. *Our changing coastlines*, McGraw-Hill, New York, 579 pp. [codn geog f 53 DRb/ she Francis]
- Shepard, F.P. and Young, R. 1961. Distinguishing between beach and dune sands, *Journal of Sedimentary Petrology*, **31** (2), 196-214. [codn]
- Shepherd, M.J. 1970. *Coastal geomorphology of the Myall Lakes area, New South Wales*, unpublished Ph.D. dissertation, University of Sydney, ** [codn]
- Shepherd, M.J. 1981. The Rockingham coastal barrier system of Western Australia, *Western Geographer*, **5**, 67-81. [codn]
- Shepherd, M.J. 1987a. Holocene alluviation and transgressive dune activity in the lower Manawatu Valley, New Zealand, *New Zealand Journal of Geology and Geophysics*, **30** (2), 175-187. [codn]
- Shepherd, M.J. 1987b. Sandy beach ridge profiles as indicators of changing coastal processes, *14th New Zealand Geographical Conference and 56th ANZAAS Congress*, 106-112. [codn]
- Sheridan, D. 1978. Dirt motorbikes and dune buggies threaten deserts, *Smithsonian*, **9**, 66-75. [dnuse abstract in Busche *et al.*, 1984]
- Sherman, D.J. 1989. Measuring aeolian sediment transport (abstract), *2nd International Geomorphological Congress*, Frankfurt, ** 263-** [sdmo]
- Sherman, D.J. and Nordstrom, K.F. 1985. Beach scarps, *Zeitschrift für Geomorphologie*, **29** (2), 139-152. [codn ?]
- Sherwood, R.T.B. and Risser, P.G. 1980. Annotated checklist of the vascular plants of Little Sahara State Park, Oklahoma, *Southwestern Naturalist*, **25** (3), 323-338. [dnveg arid lands abstracts 1982, 1093]
- Shideler, G.L. 1974. Evaluation of textural parameters as beach-dune environmental discrimination along the Outer Banks barrier, North Carolina, *Southeast Geology*, **73**, 43-58. [sand codn]
- Shideler, G.L. and Smith, K.P. 1984. Regional variability of beach and foredune characteristics along the Texas Gulf coast barrier system, *Journal of Sedimentary Petrology*, **54** (2), 507-526. [codn]
- Shields, A. 1936. *Anwendung der Ähnlichkeitsmechanik und der Turbulenzforschung auf die Geschiebebewegung*, *Mitteilungen der preussischen Versuchsanstalt für Wasserbau und Schiffbau*, **26**, Berlin, 26 pp. [sdmo]
- Shinn, E.A. 1973. Sedimentary accretion along the leeward SE coast of the Qatar peninsula, Persian Gulf, in *The Persian Gulf*, Ed. Purser, B.H., Springer-Verlag, Berlin, 199-209. [dune geol xk 7 pur]
- Shinn, E.A., Holmes, C.W., Hudson, J.H., Robbin, D.M. and Lidz, B.H. 1987. Non-oolitic, high energy carbonate sand accumulation: the quicksands, southwest Florida Keys (abstract), in *Symposium on South Florida geology*, Ed. Maurrasse, F.J., *Memoir*, Miami Geological Society, 3, December 1987, 14-15. [codn]
- Shirmamedov, M. 1974. Timber growing perspectives on the sands of west Turkmenistan, *Problems of Desert Development*, (3), 88-90. [dnuse dnveg]
- Shirmamedov, M. 1978. Protection of railways against sand drift in western Turkmenistan, *Problems of Desert Development*, ** 86-89. [dnuse sdmo]
- Shlemon, R.J. 1978. Quaternary soil-geomorphic relationships, southeastern Mojave Desert, California

and Arizona, in *Quaternary soils*, Ed. Mahaney, W.C., Geobooks, Norwich, 187-207. [dune dnsol geog f 50 mah]

Short, A.D. 1987. Modes, timing and volume of Holocene cross-shore and aeolian sand transport, southern Australia, in *Coastal Sediments '87*, Ed. Kraus, N.C., American Society of Civil Engineers, New York, 1925-1937. [codn sdmo]

Short, A.D. 1988a. Holocene coastal dune formation in South Australia: a case study, *Sedimentary Geology*, **55** (1-2), 121-143. [codn]

Short, A.D. 1988b. The South Australia coast and Holocene sea-level transgression, *Geographical Review*, **78** (2), 119-136. [codn]

Short, A.D. 1988c. Wave, beach, foredune and mobile dune interactions in southeast Australia, *Journal of Coastal research, Special Issue*, **3**, 5-10. [codn]

Short, A.D. 1988d. Modes, timing and volume of Holocene cross-shore and aeolian sediment transport, southern Australia, *Coastal Sediments '87*, **, 1925-1937. [codn sdmo]

Short, A.D. and Hesp, P.A. 1982. Wave, beach and dune interactions in southeastern Australia, *Marine Geology*, **48** (3-4), 259-284. [codn]

Short, A.D. and Hesp, P.A. 1984. Beach and dune morphodynamics of the southeast coast of South Australia, *Technical Report*, **84/1**, Coastal Studies Unit, Department of geography, University of Sydney, 124 pp. [codn]

Short, A.D. and Wright, D. 1984. Morphodynamics of high energy beaches: an Australian perspective, in *Coastal geomorphology in Australia*, Ed. Thom, B.G., Academic Press, Sydney, 43-68. [codn ? geog sa 22 tho]

Short, A.M. 1949. *Sand control, Dhahran District: recommendations for location of sand fences*, ARAMCO, ** [dnuse]

Short, A.M. 1950. *Long-range sand control, Abqaiq*, ARAMCO, ** [dnuse Saudi same as ??: *Sand control, Dhahran District: long-range program*, **]

Shotton, F.W. 1937. The Lower Bunter sandstones of North Worcestershire and East Shropshire, *Geological Magazine*, **74**, 534-553. [dnbed]

Shotton, F.W. 1956. Some aspects of the New Red desert in Britain, *Liverpool and Manchester Geological Journal*, **1**, 450-465. [dnbed]

Shreve, F. 1938. The sandy areas of the North American desert, *Association of Pacific Coast Geographers, Yearbook*, **4**, 11-14. [dune]

Shuisky, Y.D. 1976. Contemporary eolian processes on sand spits of the Black Sea limans (in Russian), *Rept. Acad. Sci. USSR*, **226**, 190-193. [sdmo codn dune ?]

Shuisky, Y.D. 1986. Studies of aeolian processes on seashores of the Soviet Union, *Geografiska Annaler*, **A 68** (1-2), 33-40. [sdmo dune codn ?]

Shuisky, Y.D. and Karasiov, L.M. 1983. Eolian processes in coastal accumulative forms of the western Crimea (in Russian), *Trans. Geogr. Soc. USSR*, **115**, 503-508. [codn sdmo dune ?]

Shuisky, Y.D. and Vykhovanets, G.V. 1983. On influence of stretch land on eolian processes within sandy coasts of the Black Sea (in Russian), in *Geography and Natural Resources*, **2**, 78-84. [codn sdmo dune ?]

- Shul'zhenko, A.A. 1973. Forest crops in technogenic sands (in Russian), in *Protective timber growing on sandy territories in Central Asia, Nauchniyye Trudy Sredneaznikh*, (Tashkent), **15**, 21-32. [dnuse dnveg]
- Siddique, H.N. 1966. Provenance of the dune sands of the Balasore coast, Orissa, *Geological Survey of India, Records*, **94** (2), 229-244. [abstract in Busche *et al.*, 1984]
- Sidorenko, A.V. 1956. Differentiation éolienne de la matière dans les déserts, *Akademii Nauk, SSSR, Izvestiya, Seriya Geograficheskaya*, **3**, 3-32. [comment by Tricart, J., in *Revue de Géomorphologie dynamique*, 1958, **9**, 29. [sand]
- Sidwell, R. 1938. Sand and dust storms in the vicinity of Lubbock, Texas, *Economic Geography*, **14** (2), 99-102. [sdmo dnuse]
- Sidwell, R. and Tanner, W.F. 1938. Quaternary dune-building in central Kansas (abstract), *Bulletin of the Geological Society of America*, **49**, 139. [not **49**]
- Siever, R. 1988. *Sand*, Freeman, Scientific American Library, San Francisco, CA, 237 pp. [geol e 57 sie]
- Sigleo, W.R. and Colhoun, E.A. 1982. Terrestrial dunes, man and the Late Quaternary environment in southern Tasmania, *Palaeogeography, Palaeoclimatology, Palaeoecology*, **39** (1-2), 87-121. [stbdn dune abstract in Busche *et al.*, 1984]
- Silvester, R. 1981. How sand dunes originate, *5th Australian Conference on Coastal and Ocean Engineering*, Perth, 146-147. [codn abstract in Busche *et al.*, 1984]
- Simon, G.M. 1963. Forêts et dunes de la côte charentaise, *Revue forestière française*, **15** (5), 367-374. [codn dnuse dnveg]
- Simonett, D.S. 1949. Sand dunes near Castlereagh, New South Wales, *Australian Geographer*, **5** (1), 3-10.
- Simonett, D.S. 1951. On the grading of dune sands near Castlereagh, New South Wales, *Journal and Proceedings of the Royal Society of New South Wales*, **84**, 71-79.
- Simonett, D.S. 1960. Development and grading of dunes in western Kansas, *Annals of the Association of American Geographers*, **50** (3), 216-241. [sand]
- Simonett, D.S. 1975. *Examples and potentials for monitoring dune sands and dune migration*, Food and Agriculture Organization of the United Nations (FAO), Rome, **WS-F9454**, 8 pp. [dnuse]
- Simonett, D.S., Cochrane, G.R., Morain, S.A. and Egbert, P.E. 1969. Environmental mapping with spacecraft photography: a central Australian example, *United States Geological Survey, Interagency Report*, **NASA-172**, 1-47. [dune]
- Simons, D.B. and Richardson, E.V. 1961. Forms of bed roughness in alluvial channels, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **87**, 87-105. [dunelog sdmo]
- Simons, D.B. and Richardson, E.V. 1966. *Resistance to flow in alluvial channels*, *United States Geological Survey, Professional Paper*, **422-J**, 61 pp. [dunelog sdmo]
- Simons, D.B., Richardson, E.V. and Albertson, M.L. 1961. *Flume studies using medium sand (0.45 mm)*, *United States Geological Survey, Water-Supply Paper*, **1948-A**, ** [not **1948** dunelog sdmo]
- Simons, D.B., Richardson, E.V. and Nordin, C.F.Jr. 1965a. Bedload equation for ripples and dunes, *United States Geological Survey, Professional Paper*, **462-H**, H 1-H 9. [sdmo]
- Simons, D.B., Richardson, E.V. and Nordin, C.F.Jr. 1965b. Sedimentary structures generated by flow in

alluvial channels, *Special Publication* **12**, Society of Economic Palaeontologists and Mineralogists, 34-52. [dunelog dnbed]

Simons, F.S. 1956. A note on Pur-Pur dune, Viru Valley, Peru, *Journal of Geology*, **64** (5), 517-521.

Simons, F.S. and Eriksen, G.E. 1953. Some desert features of northwest central Peru, *Sociedad Geologica del Peru, Boletin*, **26**, 229-245. [ripple dune]

Simons, P. 1973. Der Östen der Sahara, in *Die Sahara und ihre Randgebiete, Darstellung eines Naturgrossraumes Gesamtbearbeitung. 3. Regionalgeographie*, Ed. Schiffers, H., Weltforum Verlag, Munich. 433-435. [dune]

Simpson, E.L. 1983. *The geometry and structure of interdune deposits at White Sands National Monument, New Mexico*, unpublished M.Sc. dissertation, University of Nebraska, 83 pp. [dnbed]

Simpson, E.L. and Loope, D.B. 1985. Amalgamated interdune deposits, White Sands, New Mexico, *Journal of Sedimentary Petrology*, **55** (3), 361-365. [dnbed]

Simpson, R.L. 1989. Turbulent boundary layer separation, *Annual Review of Fluid Mechanics*, **21**, 205-234. [dunelog]

Sindowski, K.H. 1956. Korngrößen und Kornformen. Auslese beim Sandtransport durch Wind (nach Messungen auf Norderney), *Geologisches Jahrbuch*, **71**, 517-526. [sdmo codn ripple abstract in Busche *et al.*, 1984]

Sindowski, K.H. 1957. Die synoptische Methode des Kornsummenvergleiches zur Ausdeutung fossiler Sedimentansräum, *Geologisches Jahrbuch*, **73**, 235-275. [sand]

Singer, A. and Shachnai, E. 1972. The micromorphology and clay mineralogy of sandy palaeosoils from the coastal plain of Israel, in *Etudes sur le Quaternaire dans le Monde, 8th Congress. 1*, International Quaternary Research Association (INQUA), Paris, 1969, 391-394. [dnsol]

Singh, H.P. 1976. Improving moisture storage in sandy soils by subsurface moisture barrier, in *Arid zone research and development*, Ed. Mann, H.S., Scientific Publishers, Jodhpur, 245-252. [dnuse dnhyd dnsol]

Singh, R. and Joshi, M.C. 1979. Floristic composition and life forms of the sand dune herbaceous vegetation at Narhar near Pilani, Rajasthan, *Indian Journal of Ecology*, **6** (1), 9-19. [dnveg stbdn abstract in Busche *et al.* 1984]

Singh, S., Ed. 1977a. *Geomorphic investigations of Rajasthan Desert, Monograph, 7*, Central Arid Zone Research Institute, Jodhpur, 44 pp. [stbdn dune]

Singh, S. 1977b. Sand dunes and palaeoclimate in Jodhpur District, western Rajasthan (India), *Man and Environment*, **1**, 7-15. [stbdn abstract in Busche *et al.*, 1984]

Singh, S. 1978. Sand dunes and palaeoclimate in the Jodhpur district, *Annual Report*, 1976, Central Arid Zone Institute (CAZRI), Jodhpur, 51-52. [stbdn abstract in Busche *et al.*, 1984]

Singh, S. 1982. Types and formation of sand dunes in Rajasthan desert, in *Perspectives in geomorphology*, Ed. Sharma, H.S., Concept, New Delhi, 165-183. [stbdn]

Singh, S., Ghose, B. and Kar, A. 1978. Geomorphic changes as evidence of palaeoclimate and desertification in Rajasthan Desert, India (Luni Development Block - a case study), *Man and Environment*, **2**, 1-13. [stbdn]

Singh, S., Ghose, B. and Vats, P.C. 1972. Genesis, orientation and distribution of sand dunes in arid and semi-arid regions of India, *Annual Report*, Central Arid Zone Research Institute (CAZRI), Jodhpur, 50-53. [stbdn]

- Singh, S., Ghose, B. and Vats, P.C. 1978. Distribution and morphology of sand dunes in Nagaur District, *Annual Report*, 1976, Central Arid Zone Research Institute (CAZRI), Jodhpur, 49-50. [stbdn abstract in Busche *et al.*, 1984]
- Singh, S. and Kaith, D.S. 1978. Size distribution of surface sand grains in obstacle sand dunes of Jodhpur District, *Annual Report*, 1976, Central Arid Zone Research Institute (CAZRI), Jodhpur, 50-51. [stbdn abstract in Busche *et al.*, 1984]
- Singh, S., Pandey, S. and Ghose, B. 1966. Geomorphology of Siwana development block in Barmer District, *Annals of Arid Zone*, **5** (2), 118-126. [stbdn]
- Singh, S., Pandey, S. and Ghose, B. 1971. Geomorphology of the middle Luni basin of western Rajasthan, *Annals of Arid Zone*, **10** (1), 1-14. [stbdn]
- Singh, S. and Saxena, S.K. 1978. Quantitative account of the vegetation on the sand dunes of Jodhpur District, *Annual Report*, 1976, Central Arid Zone Research Institute (CAZRI), Jodhpur, 52-53. [dnveg abstract in Busche *et al.*, 1984]
- Singhvi, A.K. 1982. Thermoluminescence dating of sand dunes, *Nature*, **299** (5881), 376. [pald]
- Singhvi, A.K., Deraniyagala, S.U. and Sengupta, D. 1986. Thermoluminescence dating of Quaternary red sand beds: a case study of coastal dunes in Sri Lanka, *Earth and Planetary Science Letters*, **80** (1-2), 139-144. [codn]
- Singhvi, A.K., Sharma, P. and Agarwal, D.P. 1982. Thermoluminescence dating of sand dunes in Rajasthan, India, *Nature*, **295** (5847), 313-315. [stbdn brief abstract in Busche *et al.*, 1984]
- Singhvi, A.K. and Wagner, G.A. 1986a. Thermoluminescence dating of young sedimentary deposits, in *Dating young sediments*, Eds. Hurford, A.J., Jager, E. and Tencate, I.A.M., *Technical Publication*, **16**, CCOP (UN), Technical Secretariat, Bangkok, ** [stbdn]
- Singhvi, A.K. and Wagner, G.A. 1986b. Thermoluminescence dating and its applications to young sedimentary deposits, *Proceedings of the Workshop at Beijing*, Eds. Hurford, A.J., Jager, E. and ten Cate, J.A.M., 159-197. [stbdn]
- Sinkiang Uighur Autonomous Region, Office of Environmental Protection 1980. Tame the wind, harness the sand and transform the Gobi, in *Desertification*, Eds. Biswas, M.R. and Biswas, A.K., Pergamon Oxford, 163-177. [dnuse]
- Sipkes, C. 1935. On the distribution of the dune flora (in Dutch), *Levende Natuur, Special Issue (J.P.Thijss-Festschrift)*, 86-90. [codn dnveg]
- Sipkes, C. 1965. Dunes and drift dikes on Goersee (in Dutch), *Levende Natuur*, **68**, 295-299. [codn dnveg]
- Sivakov, V.G. 1973. Quantitative prediction of sand drift in the area of a highway on the basis of meteorological data, *Problems in Desert Development*, (3), 83-87. [sdmo dnuse abstract in Busche *et al.*, 1984]
- Skarregaard, P. 1989. Stabilisation of coastal dunes in Denmark, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Scientific, The Hague, 151-162. [codn dnuse]
- Skocek, V. and Saadallah, A.A. 1972. Grain size distribution, carbonate content and heavy minerals in eolian sands, southern desert, Iraq, *Sedimentary Geology*, **8** (1), 29-43.
- Skvarcek, A. 1981. Geomorphological conditions of the Borska Nizina Lowland (in Czech), *Acta Fac.*

Rerum Nat. Univer. Comenianae Geogr. Tchechoslo., **19**, 165-183. [stbdcn abstract in Busche *et al.*, 1984 annexe

Skytén, R. 1978. Sand och dynsträndernas vegetation och dess nedslitning, *Nordenskiöld-samfundets Tidskrift*, **38**, 37-49. [dnveg codn ? Roland

Slater, A.J. and Wearne, A.H. 1978. Reconstruction of a dunal system, *Proceedings of the 4th Australian Conference on Coastal and Ocean Engineering*, Adelaide, 75-81. [codn dnuse abstract in Busche *et al.*, 1984

Slatkine, A. and Pomerancblum, ** 1958. Contribution to the study of Pleistocene in the coastal plain of Israel: unstable heavy minerals as criteria of depositional environment, *Bulletin of the Geological Survey of Israel*, **19**, 11-**. [sand codn

Slatter, R.J. 1978. Ecological effects of trampling on sand dune - ecdysis failure, *Journal of Biological Education*, **12** (2), 89-96. [dnuse dnveg

Sless, J.B. 1955. Coastal sand drift control, *Journal of the Soil Conservation Service of New South Wales*, **11**, 172-186. [codn dnuse

Sless, J.B. 1955. Coastal sand drift, *Journal of the Soil Conservation Service of New South Wales*, **13** (4), 146-158. [codn dnuse

Sless, J.B. 1958. Coastal sand drift. II. Control measures, *Journal of the Soil Conservation Service of New South Wales*, **14** (3), 50-68. [codn dnuse

Slingerland, R.L. 1977. The effects of entrainment on hydraulic equivalence relationships of light and heavy minerals in sands, *Journal of Sedimentary Petrology*, **47** (2), 753-770. [sdmo

Sloet van Oldruitenborgh, C.J.M. 1976. Duinstruwlen in het Deltagebied, *Mededelingen Landbouwhogeschool*, Wageningen, 76-78. [codn dnuse

Smalley, I.J. 1963. Compaction of buried sands, *Nature*, **197** (4871), 966-967. [dust dnbed

Smalley, I.J. 1964. Representation of packing in a clastic sediment, *American Journal of Science*, **262** (2), 242-248. [sand

Smalley, I.J. 1966. Formation of quartz sand, *Nature*, **211** (5048), 476-479.

Smalley, I.J. 1970. Cohesion of soil particles and the intrinsic resistance of simple soil systems to wind erosion, *Journal of Soil Science*, **21** (1), 154-161. [sdmo

Smalley, I.J. and Vita-Finzi, C. 1968. The formation of fine particles in sandy deserts and the nature of 'desert' loess, *Journal of Sedimentary Petrology*, **38** (3), 766-774.

Smart, F.J. 1948-49. *A survey of the sands country of Kordofan*, Report of the Research Division, Ministry of Agriculture, Sudan Government, ** [dnuse dnsol stbdcn

Smith, B.J. and Whalley, W.B. 1981. Late Quaternary drift deposits in north central Nigeria examined by scanning electron microscopy, *Catena*, **8** (3-4), 345-367. [sand stbdcn abstract in Busche *et al.*, 1984 annexe

Smith, C.R. and Metzler, S.P. 1983. The characteristics of low-speed streaks in the near-wall region of a turbulent boundary layer, *Journal of Fluid Mechanics*, **129** (1), 27-54. [sdmo

Smith, D.B. 1971. Discussion: W.A.Pryor, Petrology of the Weissliegendes sandstones in the Harz and Werra-Fulda areas, Germany, *Geologisches Rundschau*, **60**, 1600-1602. [dnbed

- Smith, D.B. 1972. The Lower Permian in the British Isles, in *Rotliegend: essays on European Lower Permian*, Ed. Falke, H., Brill, Leiden, 1-33. [dnbed]
- Smith, D.B. and Francis, E.A. 1967. *Geology of the country between Durham and West Hartlepool: explanation of one-inch sheet 27, NS*, Geological Survey of Great Britain, Her Majesty's Stationary Office, London, 354 pp. [pald dnbed]
- Smith, D.D. and Snead, R.E. 1961. Thick eolian prism of probable Middle to Late Pleistocene age near Karachi, West Pakistan (abstract), *Special Papers*, **68**, Geological Society of America, 274. [dune codn title and author order ?? not 72, 1961 or 68 1957.]
- Smith, D.G. 1977. Canada's boreal desert: the Athabaska sand dunes, a geomorphological anomaly and inventory (abstract), *Great Plains - Rocky Mountain Geographical Journal*, **6** (2), 406.
- Smith, D.G. 1978. *The Athabaska Sand Dunes: a physical inventory*, Indian and Northern Affairs, National Parks Branch, Canada, Contract: **77-31**, 27-45. [abstract in Niessen, *et al.* 1984]
- Smith, D.G. 1980. Saskatchewan's sand dunes: a touch of Araby, *Canadian Geographical Magazine*, **100** (5), 24-29. [abstract in Niessen, *et al.* 1984]
- Smith, D.M., Twidale, C.R. and Bourne, J.A. 1975. Kappakoola Dunes - aeolian landforms induced by man, *Australian Geographer*, **13** (2), 90-96. [dnuse]
- Smith, H.T.U. 1938a. Sand dune cycle in western Kansas (abstract), *Bulletin of the Geological Society of America*, **50** (12), 1934-1935. [stbnd]
- Smith, H.T.U. 1938b. Quaternary dune building in central Kansas (abstract), *Proceedings of the Geological Society of America*, (1937), 115. [stbnd not '38, **50**, 115 or '37, **48**, 115]
- Smith, H.T.U. 1940a. Geologic studies in southwestern Kansas, *Bulletin of the Kansas State Geological Survey*, **34**, 153-168. [stbnd dune]
- Smith, H.T.U. 1940b. Review of "A tentative classification of sand dunes" by F.A. Melton, *Journal of Geomorphology*, **3** (4), 359-361.
- Smith, H.T.U. 1941. Review: "Dunes of the Western Navajo County" by Hack, J.T., *Journal of Geomorphology*, **4** (3), 250-252.
- Smith, H.T.U. 1942. Sand dune stratification (abstract), *Bulletin of the Geological Society of America*, **53** (12), 1852. [dnbed]
- Smith, H.T.U. 1943. The physics of blown sand and desert dunes -a review, *Geographical Review*, **33** (1), 170-172.
- Smith, H.T.U. 1946. Sand dunes, *Transactions of the New York Academy of Science*, Series 2, **8** (6), 197-199.
- Smith, H.T.U. 1949a. Physical effects of Pleistocene climatic changes on non-glaciated areas: eolian phenomena, frost action and stream terracing, *Bulletin of the Geological Society of America*, **60** (8), 1485-1516. [dune stbnd]
- Smith, H.T.U. 1949b. Dune forms of western Nebraska (abstract), *Bulletin of the Geological Society of America*, **60** (11), 1920. [stbnd]
- Smith, H.T.U. 1951. *Photo-interpretation studies in the Sand Hills of Nebraska*, Naval Research Project, **NR 089-016**, Lawrence KA, 49 pp. [stbnd]

- Smith, H.T.U. 1953. Classification of dunes, in *Deserts actuels et anciens, Comptes rendus du 19th Congrès international géologique*, Algiers, Section **7**, Fasc. 7. 105.
- Smith, H.T.U. 1954a. Eolian sand on desert mountains (abstract), *Bulletin of the Geological Society of America*, **65** (12), 1306-1307. [dune]
- Smith, H.T.U. 1954b. Analysis of dune areas for geographical purposes (abstract), *Annals of the Association of American Geographers*, **44** (3), 281-282.
- Smith, H.T.U. 1956a. Giant composite barchans of the northern Peruvian deserts (abstract), *Bulletin of the Geological Society of America*, **67** (12), 1735. [dune]
- Smith, H.T.U. 1956b. Use of aerial photography for interpretation of dune history in Nebraska, *4th International Congress on the Quaternary*, Rome-Pisa, Actes, 153-158. [stbnd or 1953 ??]
- Smith, H.T.U. 1959. Coastal sand dunes in Oregon and Washington (review of Cooper, W.S. 1958), *Geographical Review*, **50** (1), 113-115. [codn]
- Smith, H.T.U. 1960. *Physiography and photo-Interpretation of coastal sand dunes, Final Report*, Contract **NONN-2242(00) ONR**, 26 pp. [codn]
- Smith, H.T.U. 1963. *Eolian geomorphology, wind direction and climatic change in North Africa: final report*, United States Air Force Cambridge Research Laboratory, Geophysics Research Directorate, Contract AF 19(628) - 298, **AFCRL-63-443**, 49 pp. [dune abstract in Busche *et al.*, 1984]
- Smith, H.T.U. 1965a. Dune morphology and chronology in central and western Nebraska, *Journal of Geology*, **73** (4), 557-578. [abstract in Niessen, *et al.* 1984 stbnd]
- Smith, H.T.U. 1965b. Nebraska dunes compared with those of North Africa and other regions, in *Loess and related eolian deposits of the world*, Eds. Schultz, C.B. and Frye, J.C., *Proceedings of the 7th Congress of the International Association for Quaternary Research*, **12**, 29-67. [abstract in Niessen, *et al.* 1984 stbnd and Busche *et al.*, 1984]
- Smith, H.T.U. 1966b. Windeformte Geröllwellen in der Antarktis, *Umschau*, **66** (19), 334. [ripple abstract in Busche *et al.*, 1984]
- Smith, H.T.U. 1967. *Past versus present wind action in the Mojave Desert region, California*, **67-0683**, Air Force Cambridge Research Laboratories, 26 pp. [dune or 1968 ?? abstract in Busche *et al.*, 1984]
- Smith, H.T.U. 1970. Playas and related phenomena in the Saharan region, in *Playa Lake Symposium*, Ed. Reeves, C.C.Jr., *Publication*, **4**, International Committee on Arid and Semi-Arid Lands Studies, 305-334. [or 1972, 63-87 ??]
- Smith, H.T.U. and Messenger, C. 1959a. *Geomorphic studies of the Provincetown Dunes, Cape Cod, Mass: Technical Report. 1*. Contract **NONR-2242(00)**, Office of Naval Research, Geography Branch, University of Massachusetts, Amhurst, MA, ** [codn]
- Smith, H.T.U. and Messenger, C. 1959b. Sand dunes and shore-line history in the Provincetown area, Cape Cod, Massachusetts (abstract), *Bulletin of the Geological Society of America*, **70** (12), 1667. [codn abstract in Niessen, *et al.* 1984]
- Smith, J.G. ** General Features of the Sand Hills, *Publication*, **2**, Botanical Survey of Nebraska, ** [dnveg]
- Smith, O.W., *et al.* 1947. Stabilization of sand dunes in the Pacific Northwest, *Bulletin of the Washington Agricultural Experimental Station*, **492**, 1-16. [dnuse codn]
- Smith, R.S.U. 1970. *Migration and wind regime of small barchan dunes within the Algodones chain*,

Imperial County, California, unpublished, master's dissertation, University of Arizona, Tucson, AZ, 125 pp.

Smith, R.S.U. 1972. Barchan dunes in a seasonally-reversing wind regime, southeastern Imperial County, California, *Geological Society of America, Abstracts with Program*, **4**, 240-241.

Smith, R.S.U. 1975. Eolian transport of sand on actively accreting slip face of a sand dune northwest of Winnemucca, Nevada, *Geological Society of America, Abstracts with Program*, **7**, 377.

Smith, R.S.U. 1977. Barchan dunes: development persistence and growth in a multi-directional with regime, southeastern Imperial County, California, *Geological Society of America, Abstracts with Program*, **9**, 502.

Smith, R.S.U. 1978a. Actual versus inferred wind regime of dunes: a test in the Algodones Dune Chain, southeastern, California, *Geological Society of America, Abstracts with Program*, **10**, 494-495.

Smith, R.S.U. 1978b. The Algodones Dune Chain, Imperial County California, in *Abstracts for the Planetary Geology field Conference on Eolian Processes*, **TM-78455**, National Aeronautics and Space Administration (NASA), Washington, DC, 43-44.

Smith, R.S.U. 1978c. Field trip to dunes at Superstition Mountain, in *Aeolian features of southern California: a comparative planetary geology guidebook*, Eds. Greeley, R., Womer, M.B., Papson, R.P and Spudis, P.D., Office of Planetary Geology, National Aeronautics and Space Administration (NASA), Washington, DC, 65-71.

Smith, R.S.U. 1978d. Guide to selected features of aeolian geomorphology in the Algodones dune chain, Imperial County, California, in *Aeolian features of southern California: a comparative planetary geology guidebook*, Eds. Greeley, R., Womer, M.B., Papson, R.P and Spudis, P.D., Office of Planetary Geology, National Aeronautics and Space Administration (NASA), Washington, DC, 74-98. [abstract in Busche *et al.*, 1984

Smith, R.S.U. 1978e. Barchan dunes: development, persistence and growth in a multidirectional wind regime, southeastern Imperial County, California, in *Abstracts for the Planetary Geology Field Conference on Aeolian Processes, Manual*, **78**, National Aeronautics and Space Administration (NASA), Washington, DC, 455.

Smith, R.S.U. 1979. Wind regime of sand dunes in Imperial Valley, California (abstract), *Technical Memorandum*, **TM-80339**, National Aeronautics and Space Administration (NASA), Washington, DC, 275-276.

Smith, R.S.U. 1980a. Granule-armored sand dunes (abstract), *Report of the Planetary Geology Program*, **TM-82385**, National Aeronautics and Space Administration (NASA), Washington, DC, 318.

Smith, R.S.U. 1980b. Maintenance of barchan size in the southern Algodones Dune chain, Imperial County, California (abstract), *Reports of Planetary Geology Program*, **TM-81776**, National Aeronautics and Space Administration (NASA), Washington, DC, 253-254.

Smith, R.S.U. 1980c. "Zig-zag" dunes on Mars and Earth, *International Geological Congress Abstracts*, **26** (3), 1252.

Smith, R.S.U. 1981a. Seasonally reversing transverse dunes in the California desert: an analogy for some reversing dunes on Mars, *Technical Memorandum*, **TM-84211**, National Aeronautics and Space Administration (NASA), Washington, DC, 249-250.

Smith, R.S.U. 1981b. Birth and death of barchan dunes in southern Algodones dune chain, California and Mexico, *Geological Society of America, Abstracts with Programs*, **13** (2), 107. [abstract in Busche, *et al.* 1984

- Smith, R.S.U. 1982. Sand dunes in North American Deserts, in *Reference handbook on the deserts of North America*, Ed. Bender, G.L., Greenwood, Westport, CN, 481-524. [geog qtos ta 20 ben
- Smith, R.S.U. 1984. Aeolian geomorphology of the Devils Playground, Kelso Dunes and Silurian Valley, California, in *Surficial geology of the eastern Mojave Desert*, Ed. Dohrenwend, J.C., Geological Society of America, Boulder, CO, 162-173. [dune
- Smith, W.A. 1977. The Surfers' Paradise beach replenishment project - a case study, *3rd Australian Conference on Coastal and Ocean Engineering*, Melbourne, 190-195. [codn dnuse abstract in Busche *et al.*, 1984
- Smith, W.J., Whicker, ** W. and Meyer, H.R. 1982. Review and categorization of saltation, suspension and resuspension models, *Nuclear Safety*, **23**, ** [sdmo
- Smith, W.O. 1967. Infiltration in sands and its relation to groundwater recharge, *Water Resources Research*, **3**, 539-555. [dnuse dnhyd
- Smith, W.O. 1980. Infiltration in sands and its relation to groundwater recharge, in *Water in the unsaturated zone, Proceedings, Wageningen Symposium*, **2**, United nations, Educational, Scientific and Cultural Organisation (UNESCO), Paris, 851-865. [dnhyd abstract in Busche *et al.* 1984
- Smith, W.O., Olsen, H.W., Bagnold, R.A. and Rice, J.C. 1966. Certain flows of air and water in sands during infiltration, *Soil Science*, **10** (1), 45-56. [dnsol dnhyd
- Snacken, F. 1956. Eolian sand transport along the Belgian beach (in Flemish), *Natuurwetenschaap Tijdschrift*, **1956**, 89-99. [sdmo
- Snead, R.E. 1966. Physical geography reconnaissance, the Las Bela coastal plain, West Pakistan, *Coastal Studies Series*, **13**, Louisiana State University, 118 pp. [dune codn
- Snead, R.E. 1967. Note, in *Earth resource studies from spacecraft*. **2**, United States Army Corps of Engineers/National Aeronautics and Space Administration (NASA), Washington, DC, ** [dune
- Snead, R.E. and Frishman, S.A. 1968. Origin of sands on the east side of the Las Bela Valley, West Pakistan, *Bulletin of the Geological Society of America*, **79** (11), 1671-1676. [dune abstract in Busche *et al.*, 1984
- Sneh, A. 1988. Permian dune patterns in northwestern Europe challenged, *Journal of Sedimentary Petrology*, **58** (1), 44-51. [dnbed
- Sneh, A. and Weissbrod, T. 1983. Size-frequency distribution on longitudinal dune ripple flank sands compared to that of slipface sands of various dune types, *Sedimentology*, **30** (5), 717-726.
- Snyder, M.R. and Pinet, P.R. 1980. Morphological differences of coastal dunes created with straight and zig-zag sand fencing: implications regarding erosion along Westhampton beach, Long Island, *Geological Society of America, Abstracts with Program*, **12**, 84. [dnuse codn
- Snyder, M.R. and Pinet, P.R. 1981. Dune construction using two multiple sand-fence configurations: implications regarding protection of eastern Long Island's south shore, *Northeastern Geology*, **3/4**, 225-234. [dnuse codn
- So, C.L. 1982. Wind-induced movements of beach sand at Port-Sea, Victoria, *Proceedings of the Royal Society of Victoria*, **94** (1-2), 61-68. [codn sdmo abstract in Busche *et al.*, 1984 annexe
- Soares de Carvalho, G. 1952. Les époques d'éolisation du Pléistocène dans la bordure Meso-Cénozoïque du Portugal, *Memorias e Noticias*, **33**, Laboratorio Minerlogico Geologico, Universidade de Coimbra, 53-58. [dune stbdn

- Soares de Carvalho, G. 1961. *Geologia do deserto de Mocamedes, Memoir*, Serie 26, **2**, Junta Investigaciones de Ultramar, ** [dune]
- Soares de Carvalho, G. 1988. Research on the coastal zone of Minho, NW Portugal, *Journal of Coastal Research, Special Issue*, **3**, 53-56. [codn]
- Sohn, H.Y. and Moreland, C. 1968. The effect of particle size distribution on packing density, *Canadian Journal of Chemical Engineering*, **46**, 162-167. [sdmo sand]
- Sokolov, N.A. 1894. *Die Dünen. Bildung, Entwicklung und innerer Bau*, Springer, Berlin, 298 pp. [dune or Sokolow ??]
- Solger, F. 1908. Über Parabeldünen, *Zeitschrift der deutschen geologische Gesellschaft*, **60**, 54-59. [stbdn codn dune]
- Solger, F. 1910a. Studien über nordostdeutsche Inlanddünen, *Forschungen zur deutschen Landes und Volkskunde*, **19** (1), 1-89. [dune stbdn]
- Solger, F. 1910b. Geologie der Dünen, in *Dünenbuch*, Eds. Solger, F., Graebner, P., Thienemann, J., Speiser, P. and Schulze, F.W.O., F. Enke, Stuttgart, 7-179. [dune]
- Solger, F. 1911. Über neue Beobachtungen an brandenburgischen Talsanddünen, *Zeitschrift der deutschen geologische Gesellschaft*, **62**, 31-64. [stbdn]
- Solger, F. 1920. Beobachtungen über Flugsandsbildung, *Zeitschrift der deutschen geologische Gesellschaft, Monatsberichte*, **72** (6-7), 168-180. [codn dune ripple]
- Solger, F. 1923. Die Dünen des Danziger Küstengebietes, *Schriften für naturforschungs Gesellschaft*, Danzig, NF, **16**, 42-53. [stbdn or **6** ??]
- Solger, F., Graebner, P., Thienemann, J., Speiser, P. and Schulze, F.W.O., Eds. 1910. *Dünenbuch*, F.Enke Verlag, Stuttgart, 404 pp. [dnveg dune codn]
- Sombroek, W.G. and Zonneveld, I.S. 1971. Ancient dune fields and fluvial deposits in the Rima-Sokoto basin (NW Nigeria), *Soil Survey Paper*, **5**, Netherlands Soil Survey Institute, Wageningen, 109 pp. [stbdn]
- Sørensen, M. 1985. Estimation of some aeolian saltation transport parameters from transport rate profiles in *International Workshop on the Physics of Blown Sand, Proceedings*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 141-190. [sdmo]
- Sørensen, M. 1986. *Statistical analysis of data from a wind tunnel experiment using radioactive grains, Research Report*, **141**, Department of Theoretical Statistics, University of Aarhus, ** [sdmo]
- Sørensen, M. 1987. *Radioactive tracer studies of grain progress in aeolian sand transport. A statistical analysis, Research Report*, **4**, Department of Theoretical Statistics, University of Aarhus, ** [or 1988 or no 141 ?? sdmo]
- Sothorn, E.J., Randerson, P.F., Williams, A.T. and Dixon, J. 1985. Ecological effects of recreation at Merthyr Mawr dunes, South Wales, in *Focus on nature conservation*, **3**, Ed. Doody, P., Nature Conservancy Council, Peterborough, 217-238. [codn dnuse dnveg eileen]
- Soulères, G. 1963. Protection contre le sable par palplanches, *Revue forestière française*, **15** (5), 419-430. [wneroc sdmo dnuse]
- Sourdat, M. and Gense, C. 1970. Les sables rouges de la région de Tulear: observations stratigraphiques, analysés par diffractions aux rayons-X, *Comptes rendus du Semaine malagache géologique*, **1968-1969**, 99-108. [sand codn ? dnsol]

Southard, J.B., Boguchwal, L.A. and Romea, R.D. 1980. Test of scale modelling of sediment transport in steady unidirectional flow, *Earth Surface Processes*, **5** (1), 17-24. [dunelog sdmo]

Southard, J.B. and Dingler, J.R. 1971. Flume study of ripple propagation behind mounds on flat beds, *Sedimentology*, **16**, 251-263. [dunelog]

Southard, J.B., Walker, J.D. and Nozette, S.D. 1982. Wind-tunnel modelling of transport threshold and saltation on Venus (abstract), *Proceedings of the 11th International Congress, International Association of Sedimentologists*, Hamilton, Ontario, 63. [sdmo]

Spaw, R.H. 1978. Late Pleistocene carbonate bank deposition, Cozumel Island, Quintana, Mexico, *Transactions of the Gulf Coast Association of Geological Societies*, **28**, 601-620. [codn]

Specht, R.L. 1957a. Dark Island Heath (Ninety-mile Plain, South Australia). I. Definition of the ecosystem, *Australian Journal of Botany*, **5**, 52-73. [dnsol dveg dnveg ?]

Specht, R.L. 1957b. Dark Island Heath (Ninety-mile Plain, South Australia). II. The effects of microtopography on climate, soils and vegetation, *Australian Journal of Botany*, **5**, 86-102. [dnsol dnveg ?]

Specht, R.L. 1957c. Dark Island Heath (Ninety-mile Plain, South Australia). III. The root systems, *Australian Journal of Botany*, **5**, 103-114. [dnsol dnveg ?]

Specht, R.L. 1957d. Dark Island Heath (Ninety-mile Plain, South Australia). IV. Soil moisture patterns produced by rainfall interception and stem-flow, *Australian Journal of Botany*, **5**, 137-150. [dnsol dnveg ?]

Specht, R.L. 1957e. Dark Island Heath (Ninety-mile Plain, South Australia). V. The water relationships in heath vegetation and pastures on the Makin, *Australian Journal of Botany*, **5**, 151-172. [dnsol dnveg ?]

Specht, R.L. 1975. The effect of fertilizers on sclerophyll (heath) vegetation – the problem of revegetation after sand-mining of high dunes, *Science, Technology, Soc.*, **6** (11-12), 459-461. [dnuse dnveg codn ?]

Specht, R.L., Rayson, P. and Jackman, M.E. 1958. Dark Island Heath (Ninety-mile Plain, South Australia). VI. Pyric succession, *Australian Journal of Botany*, **5**, 103-114. [dnsol dnveg ?? date etc ?]

Spencer, D.W. 1963. The interpretation of grain-size distribution curves of clastic sediments, *Journal of Sedimentary Petrology*, **33** (1), 180-189. [sand]

Sperling, C.H.B. and Goudie, A.S. 1975. The miliolite of western India: a discussion of the aeolian and marine hypotheses, *Sedimentary Geology*, **13** (1), 71-75. [sand codn]

Sperling, W. 1939. Natürliche Dünenentstehung und Künstliche Dünenpflege, *Geologie der Meer und Binnengewässer*, **3**, 552-569. [dune dnuse? codn]

Spreitzer, H. 1963. Die Zentrale Namib, *Mitteilungen der Österreichischen geographischen Gesellschaft*, **105**, 340-356. [dune]

Sprigg, R.C. 1959. Stranded sea beaches and associated sand accumulations of the upper South East, *Transactions of the Royal Society of South Australia*, **82**, 183-95. [codn dune]

Sprigg, R.C. 1961. The Pleistocene subfossil deserts of Australia, *Arid Zone Newsletter*, **1960-61**, Commonwealth Scientific and Industrial Research Organization (CSIRO), 44. [stbdn]

Sprigg, R.C. 1979. Stranded and submerged sea-beach systems of southeastern South Australia and the aeolian desert cycle, *Sedimentary Geology*, **22** (1), 53-97. [dune codn]

- Sprigg, R.C. 1980. Alternating wind cycles of the Quaternary era and their influences on aeolian sedimentation in and around the dune deserts of southeastern Australia, *Loess Commission Workshop*, International Quaternary Research Association (INQUA), Canberra, 39 pp. [stbnd same as :1982. in *Quaternary dust mantles of China, New Zealand and Australia*, Ed. Wasson, R.J., *Workshop Proceedings*, 1980, Australian National University, Canberra, 211-240.
- Sprung, A. 1897a. Studien über den Wind und seine Beziehungen zum Luftdruck. I. Zur Mechanik der Luftbewegungen, *Arch. deutsches Seewarte*, **2** (1), 1-33. [sdmo ?
- Sprung, A. 1897b. Studien über den Wind und seine Beziehungen zum Luftdruck. II. Empirische Untersuchungen über die Beziehung zwischen Windstärke und Gradient und deren tägliche Periode, mit besonderer Berücksichtigung des deutschen Küstengebietes, *Arch. deutsches Seewarte*, **2** (2), 1-24. [sdmo ?
- Squarer, D. 1970. Friction factors and bedforms in fluvial channels, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **96** (HY4), 995-1017. [dunelog curved channels have 15x sed flow of straight !!!
- Squires, D.E. 1963. Carbon 14 dating of the fossil dune sequences of Lord Howe Island, *Australian Journal of Science*, **25** (9), 412-413. [codn
- Staff, H. 1906. Wind und Schnee, *Deutsches und österreichischer Alpenvereins*, **37**, 45-** [dune sdmo ?
- Stankowski, W. 1959a. Ciemierów dune in the Pyzdry Basin (in Polish, English abstract), *Badania Fizjograficzne nad Polska Zachodnia*, **5**, 129-139. [stbnd
- Stankowski, W. 1959b. Results of investigations on dunes in the Szczecin Basin (in Polish, English abstract), *Sprawozdania Poznanskie, Towarzystwo Przyjaciół Nauk*, **1**, 87 pp. [stbnd
- Stankowski, W. 1960. Phases of development of dunes near Skwierzyna (in Polish, English abstract), *Sprawozdania Poznanskie Towarzystwo Przyjaciół Nauk*, **1**, 96-97. [stbnd
- Stankowski, W. 1961. Results hitherto obtained in investigation of dunes in Szczecin Basin (in Polish, English abstract), *Czasopismo Geograficzne*, **32** (57), 57-76. [stbnd and/or *Sprawozdania Poznanskie Towarzystwo Przyjaciół Nauk*, **1**, 87.
- Stankowski, W. 1962a. Le développement morphologique des dunes de la Pologne Nord-Ouest étudié à l'exemple des territoires choisis (in Polish, French abstract), *Sprawozdania Poznanskie Towarzystwo Przyjaciół Nauk, (TPN)*, **1**, 134-139. [stbnd
- Stankowski, W. 1962b. Influence of the dynamical structure of the wind and vegetation on the development of the dune forms on the example of northwestern Poland (in Polish, *7th Congress of Polish Geol. Soc*, Gda_sk, 86-90. [dune stbnd
- Stankowski, W. 1963. Eolian relief of north-west Poland on the ground of chosen regions (in Polish, English abstract), *Poznanskie Towarzystwo Przyjaciół Nauk, Prace Komisji Geograficzno-Geologicznej*, **4** (1), 146 pp. [stbnd
- Stankowski, W. 1964. Deflation in northwestern Poland in its chronological aspect, *Przegląd Geograficzne*, **36** (2), 327-332. [pald stbnd dune
- Stankowski, W. and Szafranski, F. 1963. Fossil soil in dune near Nowy Tomysl (in Polish, English abstract), *Badania Fizjograficzne nad Polska Zachodnia*, **2**, 317-322. [dnsol stbnd
- Stannard, M.E. 1953. Sand dunes in the Heiruder District (Australia), *Journal of the Soil Conservation Service of New South Wales*, **9**, 110-**
- Stannard, M.E. 1959. Wind studies in western New South Wales, *New South Wales, Soil Conservation Service, Journal*, **15** (1), 25-** [dune?

Stapor, F.W. 1973. Heavy mineral concentrating processes and density/shape/size equilibria in marine and coastal dune sands of the Apalachicola, Florida region, *Journal of Sedimentary Petrology*, **43** (2), 396-407. [codn sdm]o

Stapor, F.W., May, J.P. and Barwis, J. 1983. Eolian shape-sorting and aerodynamic traction equivalence in the coastal dunes of Hout Bay, Republic of South Africa, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 149-164. [sands codn]

Stapor, F.W. and Tanner, W.F. 1975. Hydrodynamic implications of beach, beach ridge and dune grain size studies, *Journal of Sedimentary Petrology*, **45** (4), 926-931. [sand]

Staring, W.C.H. 1856. *De bodem van Nederland*, **, Harlem, ** [codn dnsol I, 310-341 and 424-431.

Staring, W.C.H. 1858. *Voormaals en Thans: Opstellen over Neêrlands Gronsgesteldheid*, **, Harlem, ** [codn quoted in Marsh: *Man and nature* p. 411.

Stasiak, J. 1986. The need of psammophytes protection at the Polish Baltic shore, *Zeszyty Naukowe, Uniwersytetu Gda_ski, Biol.*, **7**, 47-63. [dnuse dnveg]

Stearns, C.E. 1976. The wind directions of the Pleistocene dunes near Essaouira, Morocco: a discussion, *Palaeogeography, Palaeoclimatology, Palaeoecology*, **19**, 255-256. [stbnd codn]

Stearns, H.T. 1970. Ages of dunes on Oahu, Hawaii, *Occasional Papers*, **24**, Bernice P. Bishop Museum, 51-72. [codn]

Steele, B.R. 1987. *Depositional environments of the White Rim Sandstone member of the Cutler Formation, Canyonlands National Park, Utah*, *Bulletin of the United States Geological Survey*, **1592-B**, 20 pp. [dnbed]

Steele, R.P. 1982. A case study of an aeolian sandstone: the Permian yellow sands of N.E. England (abstract), in *11th International Congress on Sedimentology, Abstracts of papers*, 170. [dnbed]

Steele, R.P. 1983. Longitudinal draa in the Permian Yellow Sands of North-East England, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 543-550. [dnbed]

Steele, R.P. 1985. Early Permian (Rotliegendes) palaeowinds of the North Sea - comment *Sedimentary Geology*, **45** (3-4), 293-297. [dnbed comment on Glennie]

Steele, T.A. 1940. Grass and associated vegetation to reclaim Oregon's coastal sand dunes, *United States Department of Agriculture, Soil Conservation Service*, (August), 43-44. [dnuse dnveg]

Steensrup, K.J.V. 1894. Om Klitterens Vandring, *Meddelelser Dansk Geol. Förening*, Copenhagen, **1**, 1-14. [dune]

Steers, J.A. 1937. The Culbin Sands on Burghead Bay, *Geographical Journal*, **90** (6), 498-528. [codn]

Steers, J.A. 1946. Coastal dunes, in *The coastline of England and Wales*, Cambridge University Press, Cambridge, 502-515. [codn geog ja 20]

Steers, J.A. 1959. Archaeology and physiography in coastal studies, in *2nd Coastal Geography Conference*, Louisiana, 317-340. [codn brgeom]

Steers, J.A. 1960. *Scolt Head Island*, 2nd edition Heffer, Cambridge, 269 pp. [codn]

- Steers, J.A. 1964. *The coastline of England and Wales*, 2nd edition, Cambridge University Press, Cambridge, 750 pp. [codn 1st published 1948 - 644 pp.]
- Steers, J.A. and Haas, J.A. 1964. An aid to the stabilization of sand dunes: experiments at Scolt Head Island, Norfolk, *Geographical Journal*, **130** (2), 265-267. [codn dnuse]
- Steers, J.A. and Jensen, H.A.P. 1953. Winterton Ness, *Transactions of the Norfolk and Norwich Naturalists' Society*, **17**, 259-274. [codn]
- Stefanovits, P. 1968. Sand regions and their economic value (in Hungarian), *Foldrajzi Kozlemenyek*, **16**, 223-228. [dnuse stbdn]
- Steffen, E.-M. 1983. Untersuchungen zur Morphologie und Genese der aeolischen Akkumulationsformen der Östasahara mit Hilfe der Fernerkundung, *Berliner geowissenschaftliche Abhandlungen*, **A 45**, 137 pp. [dune abstract in Busche *et al.*, 1984 annexe]
- Steffen, W.K. 1936. Dunes of Voorne (in Dutch), *Levende Natuur*, **41**, 212-214. [codn]
- Steidtmann, J.R. 1973a. Ice and snow in eolian sand dunes of southwestern Wyoming, *Science*, **179** (4075), 796-798. [dnbed abstract in Niessen, *et al.* 1984]
- Steidtmann, J.R. 1973b. Structures in the moist, cold-climate sand dunes of southwestern Wyoming, *Wyoming Geological Association Guidebook*, **24th Annual Field Conference**, 209-214. [abstract in Niessen, *et al.* 1984 dnbed]
- Steidtmann, J.R. 1974. Evidence of eolian origin of cross-stratification in sandstone of the Casper Formation, southernmost Laramie Basin, Wyoming, *Bulletin of the Geological Society of America*, **85** (12), 1835-1842. [dnbed]
- Steidtmann, J.R. 1977. Stratigraphic analysis of the Navajo Sandstone: a discussion, *Journal of Sedimentary Petrology*, **47** (1), 484-489. [dnbed]
- Steidtmann, J.R. 1982a. Size-density sorting of sand-size spheres during deposition from bedload transport and implications concerning hydraulic equivalence, *Sedimentology*, **29** (6), 877-883. [sdmo]
- Steidtmann, J.R. 1982b. Structures in the moist, cold-climate sand dunes of southwestern Wyoming, *Special Paper*, **192**, Geological Society of America, 83-87. [dnbed]
- Steidtmann, J.R. and Haywood, H.C. 1973. Mechanism for large scale deformation in eolian dunes (abstract), *Bulletin of the American Association of Petroleum Geologists*, **57** (4), 806. [dnbed]
- Steidtmann, J.R. and Haywood, H.C. 1982. Settling velocities of quartz and tourmaline in eolian sandstone strata, *Journal of Sedimentary Petrology*, **52** (2), 395-401. [dnbed sand]
- Stein, M.A. 1898. *Through Asia*, Methuen, London, ** [dune]
- Stein, M.A. 1912. *Ruins of desert Cathay: personal narrative of explorations in central Asia and westernmost China*, 2 volumes, Macmillan, London, 546; 517 pp. [dune FLS C 72 ste Sir Aurel]
- Stembridge, J.R.Jr. 1978. Vegetated coastal dunes: growth detected from aerial infrared photography, *Remote Sensing of Environment*, **7**, 73-76. [codn abstract in Busche *et al.*, 1984]
- Stengel, I. 1988. *Windrippeln als Indikatoren für Sandtransport, Dünendynamik und Dünenmorphologie - Beispiele der Ténéré (Republik Niger)*, unpublished M.Sc. dissertation, Würzburg, 234 pp. [dune ripple]
- Stengel, I. and Busche, D. 1989. Windrippeln als Indikatoren für Sandtransport und Dünendynamik am Beispiel von Lansdünen in der Ténéré (Republik Niger), *Zeitschrift für Geomorphologie, Supplement Band*, **74**, 13-32. [sdmo dune]

- Stepanov, A.M. 1965. *Sand deserts of Uzbekistan, their afforestation and fixation*, **, Tashkent, 16 pp. [dnuse]
- Stepanov, A.M. 1968. On the width of the protection zone of projects in the fixation and afforestation of shifting sands, *Problems of Desert Development*, (4), 3-9. [dnuse]
- Stepanov, A.M. 1971. The effect of shelter on the temperature and moisture of desert sands, *Soviet Geography*, **12** (10), 695-701. [dnhyd dnsol abstract in Busche *et al.*, 1984]
- Stephens, C.G. and Crocker, R.L. 1946. Composition and genesis of lunettes, *Transactions of the Royal Society of South Australia*, **70**, 302-312. [stbdn or Stephens alone ??]
- Stephens, J.H. 1974. Stabilization of eolian sands in Saudi Arabia's Al Hasa oasis, *Journal of Soil and Water Conservation*, **29** (3), 129-133. [dnuse abstract in Busche *et al.*, 1984]
- Sterckx, J. 1974. Aeolian features in the landscape of Barotseland, *Photo Interpretation*, **5**, 6-7. [stbdn]
- Stetling, C.E. and van de Werken, M.G. 1981. Clay dunes: unique eolian deposits of the semi-arid region of South Texas, in *Modern depositional environments of sands in South Texas; 1981 Convention Field Trip*, Eds. Stetling, C.E., *et al.* Geological Society of Texas, 47-52. [stbdn]
- Stevens, J.H. 1973. Managing Middle East soils, *Geographical Magazine*, **45**, 462. [dnsol dnuse]
- Stevens, J.H. 1974. Stabilization of aeolian sands in Saudi Arabia's Al Hasa oasis, *Journal of Soil and Water Conservation*, **29** (3), 129-132. [dnuse]
- Stevenson, E.B. 1931. The dunes of the Manistique area, *Papers*, **14**, Michigan Academy of Sciences, 457-485. [codn]
- Stevens, R. 1982. North Hollands dune reservation: preserving management continued (in Dutch), *Duin*, **5** (1), 11-15. [codn dnuse dnveg]
- Stewart, C.J. and Davidson-Arnott, R.G.D. 1988. Morphology, formation and migration of longshore sandwaves, Long Point, Lake Erie, Canada, *Marine Geology*, **81** (1-4), 63-77. [codn]
- Stewart, W.D. and Walker, R.G. 1980. Eolian coastal dune deposits and surrounding marine sandstones, Rocky Mountain Supergroup (Lower Pennsylvanian), southeastern British Columbia, *Canadian Journal of Earth Science*, **17**, 1125-1140. [dnbed]
- Stewart, W.D.P. 1967. Transfer of biologically fixed nitrogen in a sand dune slack region, *Nature*, **214** (5088), 603-604. [dnsol codn abstract in Busche *et al.*, 1984 annexe]
- Stoetz, A.D. and Brown, R.L. 1957. Stabilizing sand dunes, *United States, Department of Agriculture, Yearbook*, 321-326. [codn dnuse]
- Stokes, W.L. 1961. Fluvial and eolian sandstone bodies in the Colorado Plateau, in *Geometry of sandstone bodies, a Symposium*, Eds. Peterson, J.A. and Osmond, J.C., American Association of Petroleum Geologists, Tulsa, OA, 151-178. [dnbed]
- Stokes, W.L. 1964. Eolian varving in the Colorado Plateau, *Journal of Sedimentary Petrology*, **34** (2), 429-432. [dnbed]
- Stokes, W.L. 1968. Multiple parallel-truncation bedding planes -a feature of wind-deposited sandstone formations, *Journal of Sedimentary Petrology*, **38** (2), 510-515. [dnbed]
- Stoll, F.E. 1931. Die Wanderdünen bei Langsaciem am Rigaschen Strande, *Zeitschrift. Pilzkde.*, NF **5**, 174-181. [codn dune]

Stone, R.O. and Summers, H.J. 1972. *Study of subaqueous and subaerial ripples, Final Report, 1st February, 1967 - 31st January 1972. Report, USC-Geology-72-1*, University of California, Los Angeles, Department of Geological Sciences, 293 pp. [dunelog or 274 pp. ??

Storrier, R.R. and Stannard, M.E., Eds. 1980. *Aeolian landscapes in the semi-arid zone of southwestern Australia*, Australian Society of Soil Science, Riverina Branch, 250 pp. [stbdn SA 22 STO

Story, R. 1982. *Notes on parabolic dunes, winds and vegetation in northern Australia, Technical Paper, 43*, Division of Water and Land Resources, Commonwealth Scientific and Industrial Organization (CSIRO), 33 pp. [codn stbdn dnveg

Stout, J.P. 1980. *First aid for damaged beaches and dunes, MASGP-80-003-02*, Mississippi-Alabama Sea Grant Consortium, 5 pp. [dnuse codn

Stoutjesdijk, Ph. 1959. *Heaths and inland dunes of the Veluwe. A study on some of the relations existing between soil, vegetation and microclimate*, dissertation, University of Utrecht, *Wentia*, **5**, 1-95. [stbdn dnsol dnveg

Stow, C.D. 1969. Dust and sand storm electrification, *Weather*, **24** (4), 134-140. [sdmo abstract in Busche *et al.*, 1984 annexe

Strack, D. and Stapf, K.R.G. 1980. Ist der Kreuznacher Sandstein des Rotliegenden äolisch oder Fluvial entstanden ? *Geologische Rundschau*, **69** (3), 892-921. [dnbed

Strain, P.L. and El-Baz, F. 1982. Sand distribution in the Kharga depression of Egypt. Observations from Landsat images, *Proceedings of the International Symposium on Remote Sensing of Environment*, ****** 101-102. [dune

Straka, H. 1975. Sur les changements de la végétation dunaire dans la partie septentrionale de l'Île de Sylt (Schleswig-Holstein - Allemagne du Nord), in *Colloques phytosociologiques, 1, La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 159-166. [dnveg codn abstract in Busche *et al.*, 1984

Strasser, A., Davaud, E. and Jedoui, Y. 1989. Carbonate cements in Holocene beachrock: example from Bahiret el Biban, southeastern Tunisia, *Sedimentary Geology*, **62** (1), 89-100. [codn

Straw, A. 1963. Some observations on the 'cover sands' of North Lincolnshire, *Transactions of the Lincolnshire Naturalists Union*, **15** (4), 260-269. [abstract in Niessen, *et al.* 1984 stbdn

Stremme, H. 1942. Der Einfluß des Grundwassers auf die Bodenbildung des Heubuder Dünengebietes, *Schriften der Landeskundliche Forschungsstelle*, Danzig-Westpreußen, **3**, **1**, 29-40. [dnhyd codn dnsol

Strickland, E.L. 1981. Eolian stratigraphy of the west central equatorial region of Mars: Viking Lander 1 and orbiter color observations, *Memoir*, **84211**, National Aeronautics and Space Administration (NASA), Washington, DC, 225-227. [dune

Striem, H.L. 1954. The "seifs" on the Israeli-Sinai border and the correlation of their alignment, *Bulletin of the Research Council of Israel*, **4** (2), 195-198. [dune

Stuart, A. 1924. The petrology of dune sands in South Wales, *Proceedings of the Geologists' Association*, **35**, 316-331. [codn

Stuart, A. 1927. Notes on South Wales dune sands, *Proceedings of the Swansea Scientific and Field Naturalists Society*, **1**, 16-******

Stuntz, S.C. 1911. Bibliography of eolian geomorphology, in *The movement of soil material by wind*, Ed. Free, E.E., *United States Bureau of Soils Bulletin*, **68**, 174-263. [dune

Stuyfzand, P.J. 1984. Groundwater quality evolution in the upper aquifer of the coastal dune area of the western Netherlands, *Publication*, **150**, International Association of Scientific Hydrology (IASH-AIHS), 87-98. [codn dnhyd]

Stuyfzand, P.J. 1988. Hydrochemical evidence of fresh and salt water intrusions in the coastal dunes aquifer system of the western Netherlands (in Flemish), *Natuurwetenschaap Tijdschrift*, **70**, 9-29. [codn dnhyd]

Stuyfzand, P.J. 1989. Quality changes of River Rhine and Meuse water upon basin recharge in the Netherlands coastal dunes, in *Artificial recharge of groundwater*, Eds. Johnson, A.I. and Finlayson, D.J., *Proceedings of an International Symposium*, Anaheim, CA, 235-247.

Stuyfzand, P.J. and Moberts, F.M.L. 1987. De bijzondere hydrologie van kwelplassen in duinen met kunstmatige infiltratie, *H₂O*, **3**, 52-57. [codn dnuse]

Stuyfzand, P.J. and Stuurman, R.J. 1985. Experimenteel bewijs en modelering van een stationaire regenwaterlens op kunstmatig geïnfiltreerd oppervlaktewater, *H₂O*, **18**, 408-415. [codn dnuse]

Subramaniam, A.R. and Kesava Rao, A.V.R. 1981. Dew fall in sand dune areas of India, *9th International Congress of Biometeorology, Abstracts*, Eds. Overdiek, D., Muller, J. and Lieth, H., 197-200. [dnhyd abstract in Busche *et al.*, 1984]

Südermann, J., Vollmer, H.-J. and Puls, W. 1989. A numerical model for dune dynamics, in *Coastal Engineering, Proceedings of the 17th Coastal Engineering Conference*, 1584-1598.

Sullivan, R., Lee, J. and Greeley, R. 1987. Development of wind tunnel techniques for the solution of problems in planetary aeolian processes, *Reports of the Planetary Geology and Geophysics Program-1986, Technical Memorandum*, **89810**, National Aeronautics and Space Administration (NASA), Washington DC, 276-278. [sdmo]

Sulma, T. 1952. Investigations of plant assemblages and stabilization of the coastal dunes (in Polish), *Technologia Gospodarki Morskiej*, **2** (4), 177-181. [dnveg dnuse codn]

Sulzlee, C. 1963. Les dunes d'Essaouira, *Revue forestière française*, **15** (5), 401-418. [codn dnuse abstract in Busche *et al.*, 1984]

Sumer, B.M. 1985. The mechanics of sediment suspension in turbulent boundary-layer flows, in *International Workshop on the Physics of Blown Sand, Proceedings*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 191-224. [sdmo]

Sumer, B.M. and Müller, A., Eds. 1983. *Mechanics of sediment transport*, Balkema, Rotterdam, ** [sdmo]

Sunamura, T. and Horikawa, K. 1977. Sediment budget in Kujukuri coastal area, Japan, *Coastal Sediments*, '77, American Society of Civil Engineers, Charleston, 475-487. [codn]

Sundborg, Å. 1955. Meteorological and climatological conditions for the genesis of aeolian sediments, *Geografiska Annaler*, **A 37** (1-2), 94-111. [sand dnbed sdmo abstract in Busche *et al.*, 1984]

Sung-Chiao, C. and Xing, J. 1982. Origin and development of the shamo sand deserts and the gobi stony deserts of China, in *The geological story of the world's deserts*, Ed. Smiley, T.L., University of Uppsala Press, Uppsala, 79-91. [dune]

Sus, N.I. 1958. Some information on the reclamation of sands (in Russian), *Vestnik Sel'skohkozyaistvennoi Nauki*, **10**, 66-72. [dnuse abstract in Busche *et al.*, 1984 or 1960 *Referativnyi Zhurnal, Biologiya*, 1960, (44397), ?? **]

- Suslov, S.P. 1961. *Physical geography of Asiatic Russia*, Translated by Gershevsky, N.D. Freeman, London, 594 pp. [original 1947 dune]
- Suter, J. 1943. *Sand road construction (Yuma desert, Arizona-California)*, unpublished report, Standard Oil Company of California (October), ** [dnuse]
- Suter, K. 1973. Die Mitte; der Westliche Teil, in *Die Sahara und ihre Randgebiete, Darstellung eines Naturgrossraumes Gesamtbearbeitung. 3. Regionalgeographie*, Ed. Schiffers, H., Weltforum Verlag, Munich, 167-255. [dune]
- Sutherland, A.J. 1967. Proposed mechanism for sediment entrainment by turbulent flows, *Journal of Geophysical Research*, **72** (24), 6183-6194. [sdmo]
- Sutton, J.C. and Sheppard, B.R. 1976. Aggregation of sand dune soil by endomycorrhizal fungi, *Canadian Journal of Botany*, **54**, 326-333. [sdmo dnveg codn]
- Suzuki, I. 1978. The Erg Occidentale and sand dunes along the Wadi Saoura in the northern Sahara (in Japanese), *Chikyu Kagaku -Earth Sciences*, **32** (2), 11-**
- Svasek, J.N. and Terwindt, J.H.J. 1974. Measurement of sand transport by wind on a natural beach, *Sedimentology*, **21**, 311-322. [sdmo abstract in Busche *et al.*, 1984]
- Svetlishchev, N.M. 1969. 70-year experience in the development of the Terek-Kuma sands (in Russian), *Novocherkasskogo Inzh.-Meliorativnogo Instituta, Trudy*, **2**, 117-123. [dnuse]
- Svinitsov, I.P. 1968. *Shifting sands in the western parts of the low Karakums and their phytoreclamation*, candidate dissertation, Academy of Sciences, Turkmen SSR, Ashkhabad, 20 pp. [dnuse dune]
- Svinitsov, I.P. 1969. The motion of sands in the western part of the low Karakum (in Russian), *Problems of Desert Development*, (1), 12-19. [dune sdmo]
- Svinitsov, I.P. 1972. Protection of highways from sand drifts in the Karakums (in Russian), *Avtomobil'nyye Dorogi*, **12**, 18-20. [dnuse]
- Svinitsov, I.P. 1981. Afforestation and reclamation of sands, in *The Soviet experience in desertification control*, Nauka Publications, Moscow, 86-106. [dnuse]
- Svinitsov, I.P. and Dobrin, L.G. 19 ** Certain peculiarities of shifting sands movement in the Amu Darya River valley, *Problemy Osvoeniya Pustin*, (2), 26-32. [dune]
- Swan, B. 1979a. Sand dunes in the humid tropics: Sri Lanka, *Zeitschrift für Geomorphologie*, NF **23** (2), 152-171. [codn abstract in Busche *et al.*, 1984]
- Swan, B. 1979b. The presence of sand dunes in a tropical low-energy zone, Friday Island, Torres Strait (Australia), *Revue de Géomorphologie dynamique*, **28** (2), 61-72. [codn abstract in Busche *et al.*, 1984]
- Swan, B. 1980. Aerial variations in textures of shore sands, Sri Lanka, *Journal of Tropical Geography*, **37**, 72-85. [codn ??]
- Swan, B. 1981. Dunes of Friday Island, Torres Strait, North Queensland, *Singapore Journal of Tropical Geography*, **2** (2), 114-128. [codn]
- Swan, L.W. 1980. The aeolian region of the Himalaya and the Tibetan Plateau, *Proceedings of the Symposium on Qinghai, Xizang (Tibet) Plateau*, Academia Sinica, Beijing, 25 May to 1st June, 1980. 283. [dune ?]

- Swanson, W.M. 1961. The Magnus effect: a summary of investigations to date, *Transactions of the American Society of Mechanical Engineers, Journal of Basic Engineering*, **83**, 461-470. [sdmo]
- Swart, D.H. and Reynecke, P.G. 1988. The role of driftsands at Waenhuiskrans, South Africa, *Journal of Coastal Research, Special Issue*, **3**, 97-102. [codn]
- Swart, H. 1986. Prediction of wind-driven transport rates, *Proceedings of the 20th Coastal Engineering Conference*, Ed. Edge, B., American Society of Civil Engineers, New York, 1595-1611. [sdmo]
- Swarup, K. and Joshi, M.C. 1980. Analysis of structure and function of a barchanoid sand dune ecosystem near Pilani, Rajasthan, in *Arid zone research and development*, Ed. Mann, H.S., Scientific, Jodhpur, 165-173. [dveg abstract in Busche *et al.*, 1984]
- Sweet, A.T. and ** odson, C.H. 1930. *Soil survey of the Longmount area, Colorado, Series 1930*, **29**, Bureau of Chemistry and Soils, United States Department of Agriculture, 35 pp. [dnsol dune]
- Sweet, M.L. 1989. *Eolian dune airflow dynamics: implications for dune migration, deposits and spacing*, unpublished Ph.D. dissertation, University of Texas, Austin, TX, 190 pp. [dnbed]
- Sweet, M.L., Nielson, J., Havholm, K. and Farrelley, J. 1988. Algodones dune field of southern California: case history of a migrating modern dune field, *Sedimentology*, **35** (6), 939-952.
- Swift, D.J.P. 1975. Barrier island genesis: evidence from the central Atlantic shelf, *Sedimentary Geology*, **14** (1), 1-13. [codn]
- Swift, D.J.P., Byers, D.S. and Krinsley, D.L. 1969. Eolian periglacial sand in northern Nova Scotia, Canada (abstract), *Geological Society of America, Special Paper*, **101**, 279. [stbdn abstract in Niessen, *et al.* 1984]
- Swift, D.J.P. and Freeland, G.L. 1978. Current lineations and sand waves on the inner shelf, Middle Atlantic Bight of North America, *Journal of Sedimentary Petrology*, **48** (4), 1257-1266. [dunelog]
- Swift, D.J.P., Freeland, G.L. and Young, R.A. 1979. Time and space distribution of megaripples and associated bedforms, Middle Atlantic Bight, North American Atlantic Shelf, *Sedimentology*, **26** (3), 389-406. [dunelog]
- Swift, D.J.P., Molina, B.F. and Jackson, R.G. III 1978. Intermittent structure of the atmospheric boundary layer made visible by entrained sediment: example from the Copper River Delta, Alaska, *Journal of Sedimentary Petrology*, **48** (3), 897-900. [sdmo abstract in Busche *et al.*, 1984]
- Swinehart, J.B. 1972a. Through a dune darkly, or structure as seen in the Nebraska Sand Hills (abstract), *Proceedings of the Nebraska Academy of Sciences*, **82**, 45. [stbdn]
- Swinehart, J.B. 1972b. Preliminary results of shallow drilling in the Nebraska Sand Hills, *Proceedings of the Nebraska Academy of Sciences*, **83**, **. [stbdn]
- Swinehart, J.B., Goeke, J. and Winter, T.C. 1988. Field Guide and hydrology of the Nebraska Sand Hills, Professional Contributions of the Colorado School of Mines, in *Field trip guide book, Centennial Meeting*, Ed. Holden, G.S., Geological Society of America Denver, Colorado, 370-394. [stbdn dnhyd]
- Swinehart, J.B., Souders, V.L., DeGraw, H.M. and Diffendal, R.F.Jr. 1985. Cenozoic paleogeography of western Nebraska, in *Cenozoic paleogeography of the west-central United States*, Ed. Flores, R.M. and Kaplan, S.S., Rocky Mountain Section of the Society of Economic Paleontologists and Mineralogists, Denver, CO, 209-229. [stbdn]
- Syers, J.K., Adams, J.A. and Walker, T.W. 1970. Accumulation of organic matter in a chronosequence of soils developed on wind-blown sand in New Zealand, *Journal of Soil Science*, **21** (1), 146-153. [codn dnsol]

- Syers, J.K., Jackson, M.L., Berkheiser, V.E., Clayton, R.N. and Rex, R.W. 1969. Eolian sediment influence on pedogenesis during the Quaternary, *Soil Science*, **107** (6), 421-427. [codn dnsol]
- Syers, J.K. and Walker, T.W. 1969. Phosphorus transformations in a chronosequence of soils developed on wind-blown sand in New Zealand, I. Total and organic phosphorus, *Journal of Soil Science*, **20** (1), 57-64. [codn dnsol]
- Sykes, G. 1937. *The Colorado Delta, Publication*, **460**, Carnegie Institute of Washington, ** [dune]
- Sykes, M.T. and Wilson, J.B. 1988. An experimental investigation into the response of some New Zealand sand dune species to salt spray, *Annals of Botany* (London), **62** (2), 159-166. [codn dnveg]
- Sykes, R.I. 1980. An asymptotic theory of incompressible flow over a small hump, *Journal of Fluid Mechanics*, **101** (3), 647-670. [dunelog]
- Szawernowski, P. 1956. Drifting sand into the port of W_adys_awowo (in Polish), *Technologia Gospodarki Morskiej*, 215-219. [sdmo dnuse]
- Szczypek, T. 1976. Wydmy okolic Zaniemyska, *Geographia Studiae et Dissertationes*, **1**, 67-88. [dune stbdn ?]
- Szczypek, T. 1980. Piaski eoliczne okolic Sierwiera, *Geographia Studiae et Dissertationes*, **3**, 44-68. [dune stbdn ?]
- Tabler, R.D. 1974. New engineering criteria for snow fence systems, *Transport Research Record*, **506**, 65-78. [sdmo dune dnuse]
- Tabler, R.D. 1980a. Geometry and density of drifts formed by snow fences, *Journal of Glaciology*, **26**, (94), 405-419. [dune dnuse]
- Tabler, R.D. 1980b. Self-similarity of wind profiles in blowing snow allows outdoor modelling, *Journal of Glaciology*, **26** (94), 421-431. [dune dnuse]
- Tada, F. 1963. Geomorphological study of sand dunes in the Kunshan Desert, Inner Mongolia (abstract), *Bulletin de la Société h  l  nique de G  ographie*, **4**, 172-173.
- Tada, F. 1975. A historical sketch of sand dune research in Japan seen from the standpoint of earth science, *Quaternary Research* (Tokyo), **14** (4), 177-182.
- Tada, F., Naganuma, N., Ayuba, G., *et al.* ** Research on the relationship between the formation of sand dunes and intercalated humic layers, *Quaternary Research* (Tokyo), **10** (3), 124-133.
- Tag El Din, S.S. 1986. Some aspects of sand stabilization in Egypt, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Neijhof, Dordrecht, 118-126. [dnuse]
- Taira, A. and Scholle, P.A. 1979a. Origin of bimodal sands in some modern environments, *Journal of Sedimentary Petrology*, **49** (3), 777-786.
- Taira, A. and Scholle, P.A. 1979b. Discrimination of depositional environment using settling tube data, *Journal of Sedimentary Petrology*, **49** (3), 787-800. [sand]
- Takahara, H. 1966. Frequency analysis of singing sand, *Journal of the Acoustical Society of America*, **39**, 402-403.
- Takahara, H. 1973. Sounding mechanism of singing sand, *Journal of the Acoustical Society of America*, **53**, 634-639.

- Takahara, H. and Butsuri, O. 1965. ** singing sand **, *Journal of Applied Physics (Japan)*, **34**, 364-365.
- Takahashi, S. 1985. Characteristics of drifting snow at Mizuko Station, Antarctica, *Annals of Glaciology*, **6** (6), 71-75. [sdmo]
- Takeuchi, M. 1980. Vertical profile and horizontal increase of drift-snow transport, *Journal of Glaciology*, **26** (94), 481-492. [sdmo]
- Talbot, M.R. 1980. Environmental responses to climatic change in the West African Sahel over the past 20 000 years, in *The Sahara and the Nile*, Eds. Williams, M.A.J. and Faure, H., Balkema, Rotterdam, 37-62. [stbdn]
- Talbot, M.R. 1981. Holocene changes in tropical wind intensities and rainfall: evidence from southeast Ghana, *Quaternary Research*, **16** (2), 201-220. [stbdn abstract in Busche *et al.*, 1984]
- Talbot, M.R. 1984. Late Pleistocene rainfall and dune building in the Sahel, *Palaeoecology of Africa*, **16**, Balkema, Rotterdam, 203-214. [stbdn]
- Talbot, M.R. 1985. Major bounding surfaces in aeolian sandstones: a climatic model, *Sedimentology*, **32** (2), 257-266. [dnbed]
- Talbot, M.R. and Williams, M.A.J. 1978. Erosion of fixed dunes in the Sahel, Central Niger, *Earth Surface Processes and Landforms*, **3** (2), 107-113. [stbdn]
- Talbot, M.R. and Williams, M.A.J. 1979. Cyclic alluvial fan sedimentation on the flank of fixed dunes, Janjari, central Niger, *Catena*, **6**, 43-62. [stbdn]
- Tale, G.P. 1904. Sketch of the Baluchistan Desert and part of eastern Persia, *Memoir*, **21** (2) Geological Survey of India, ** [dune ?]
- Talmage, S.B. 1932. The origin of the gypsum sands of the Tula Rosa River (abstract), *Bulletin of the Geological Society of America*, **43** (2), 185-186. [dune]
- Tanaka, H. 1967. Ancient coastal dunes on the coast of Japan, *Geological Society of Japan*, **73**, 121. [codn]
- Tanner, W.F. 1956. Size and roundness in sediments: a discussion, *Bulletin of the Geological Society of America*, **67** (5), 535-536. [sand]
- Tanner, W.F. 1959. Examples of departure from the Gaussian in geomorphic analysis, *American Journal of Science*, **257** (6), 458-460. [sand]
- Tanner, W.F. 1962. Geomorphology and the sediment transport system, *Southeastern Geology*, **4**, 113-126. [sdmo]
- Tanner, W.F. 1963a. Spiral flows in rivers, shallow seas, dust devils and models, *Science*, **139** (3556), 41-42. [sdmo]
- Tanner, W.F. 1963b. Origin and maintenance of ripple marks, *Sedimentology*, **2**, 307-311.
- Tanner, W.F. 1964. Eolian ripple marks in sandstone, *Journal of Sedimentary Petrology*, **34** (2), 432-433.
- Tanner, W.F. 1965. Upper Jurassic palaeogeography of the Four Corners Region, *Journal of Sedimentary Petrology*, **35** (3), 564-574. [dnbed]
- Tanner, W.F. 1966. Numerous eolian ripple marks from the Entrada Formation, *Mountain Geologist*, **3**, 133-134. [dnbed]

- Tanner, W.F. 1967. Ripple mark indices and their uses, *Sedimentology*, **9**, 89-104.
- Tanner, W.F. 1980. Non-dune aeolian sand in Indian mounds, *Sedimentary Geology*, **25**, 223-230. [dnbed
- Tarr, W.A. 1935. Concretions in the Champlain Formation of the Connecticut Valley, *Bulletin of the Geological Society of America*, **46** (10), 1493-1534. [ripple dnbed
- Task Committee on Preparation of Sedimentation Manual 1965a. Sediment transportation mechanics: nature of sedimentation problems (progress report), *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **91** (HY2), 251-266. [sdmo
- Task Committee on Preparation of Sedimentation Manual 1965b. see Benedict, P.C., *et al.*
- Task Committee on Preparation of Sedimentation Manual 1970. Sediment measurement techniques. E. Airborne sediment, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **96** (HY1), 29-41. [sdmo
- Taubert, K. 1978. Nigers Kampf mit der Wüste, *BP-Kurier*, 1978, (I/II), 28-35. [dnuse brief abstract in Busche *et al.*, 1984
- Tavernier, R., Ameryckx, J., Snacken, F. and Farasyn, D. 1970. *Coast, dunes, polders, Atlas of Belgium, Sheet 17*, 32 pp. [codn
- Taylor, J.A. 1967. The Shirdley Hill Sands, in *Essays in geography*, Ed. Lawton, R.W. and Steel, D.W., University of Liverpool Press, Liverpool, 441-459. [stbdn
- Tchakerian, V.P. 1989. *Late Quaternary aeolian geomorphology, east-central Mojave Desert, California*, unpublished Ph.D. dissertation, University of California, Los Angeles, CA, 174 pp. [stbdn dune
- Tear, F.J. 1925. Sand dune reclamation in Palestine, *Empire Forestry Journal*, **4**, 24-38. [dnuse ? 1927, **6**, 85-93. ??
- Teller, J.T. 1972. Aeolian deposits of clay sand, *Journal of Sedimentary Petrology*, **42** (3), 648-686. [stbdn sdmo abstract in Niessen, *et al.* 1984
- Teller, M.R. and Lancaster, N. 1985. History of sediments at Khommabes, central Namib desert, *Madoqua*, **14**, 409-420. [dune or 1986 ??
- Teller, M.R. and Lancaster, N. 1986. Interdune lacustrine deposits of the Namib Sand Sea, Namibia, *Proceedings of the 12th International Congress of Sedimentology: Abstracts*, Australia, 98. [dnbed
- ten Cate, J.A.M. 1920. The Netherlands dunes, regarded in connection with ground movements, *Koninklijk Nederlands Aardrijkskundig Genootschap Geografisch Tijdschrift*, **37**, 437-357. [codn
- ten Cate, J.A.M. 1969. Valley coversand ridge, a new morphological element in the Guelders Valley, *Biuletyn Peryglacjalny*, **20**, 345-354. [stbdn
- ten Cate, J.A.M., Koster, E.A., van der Meer, J.J.M. and de Veer, A.A. 1981. Maarlveld and his significance to physical geography, in *A review of the published work of Prof Dr. G.C. Maarlveld, dedicated to him on his retirement from the University of Amsterdam*, **, 377-400. [stbdn abstract in Niessen, *et al.* 1984
- Terasmae, J. and Mott, R.J. 1959. Notes on sand dunes near Prescott, Ontario, *Revue canadienne de Géographie*, **13**, 135-141. [stbdn abstract in Niessen, *et al.* 1984
- Terry, M. 1957. The Canning Basin of Western Australia, *Geographical Journal*, **123** (2), 157-166. [dune

- Tesch, P. 1920a. Dune studies. 1. The provenance of dune sand (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Tijdschrift*, 2, **37**, 163-175. [codn]
- Tesch, P. 1920b. Dune studies. 2. The opening of the pass of Calais (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Tijdschrift*, 2, **37**, 740-742. [codn]
- Tesch, P. 1920c. Dune studies. 3. The origin of the beach ridge (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Tijdschrift*, 2, **37**, 742-745. [codn]
- Tesch, P. 1920d. The meaning of Blaupot ten Cate concerning the construction of our dunes in connection with ground movements (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Tijdschrift*, 2, **37**, 633-638. [codn]
- Tesch, P. 1921a. Dune studies. 4. The difference between the young and the old dune landscapes (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Tijdschrift*, 2, **38**, 39-49. [codn]
- Tesch, P. 1921b. Dune studies. 5. The characteristics of the old dune landscapes (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Tijdschrift*, 2, **38**, 216-225. [codn]
- Tesch, P. 1921c. Dune studies. 6. The old age of the young dune landscapes (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Tijdschrift*, 2, **38**, 390-396. [codn]
- Tesch, P. 1922a. Dune studies. 7. The positive level change of the Netherlands coast in the Holocene (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Tijdschrift*, 2, **39**, 66-76. [codn]
- Tesch, P. 1922b. Dune studies. 8. The swamp at the base of the Holocene low series in North and South Holland (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Tijdschrift*, 2, **39**, 580-585. [codn]
- Tesch, P. 1923a. Dune studies. 9. The dune landscape of Bergen and Schoorl (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Tijdschrift*, 2, **40**, 15-25. [codn]
- Tesch, P. 1923b. Dune studies. 10. Sand transport along the southern North Sea coast (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Tijdschrift*, 2, **40**, 163-169. [codn]
- Tesch, P. 1927. Dune studies. 11. The dune coast and the river mouths (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Tijdschrift*, 2, **44**, 1-15. [codn]
- Tesch, P. 1928. Dune studies. 12. The difference between the old and the young dune landscapes and the Holocene level change (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Tijdschrift*, 2, **45**, 76-79. [codn]
- Tesch, P. 1930. Dune studies. 13. The substrate of the two dune landscapes and the growth of the continuous swamp in the lagoon (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Tijdschrift*, 2, **47**, 169-178. [codn]
- Tesch, P. 1935. *The formation of the Netherlands dune coast*, *Uitgeverij Nederlands Natuurhistorische Verhandel*, **4**, Wolters, Groningen, 86 pp. [codn]
- Tevis, L. 1958a. Germination and growth of ephemerals induced by sprinkling a sandy desert, *Ecology*, **39**, 681-688. [dnveg]
- Tevis, L. 1958b. A population of desert ephemerals germinated by less than one inch of rain, *Ecology*, **39**, 688-695. [dnveg]
- Thaarup, P. 1953. *Klitplantagerne. 100 år efter plantningens begyndelse*, ** [codn dnuse]

- Thaarup, P. 1954. The afforestation of the sand dunes of the western coast of Jutland, *Advancement of Science*, **11**, 38-41. [codn dnuse dnveg]
- Thalen, D.C.P. 1971. Variations in some salt marsh and dune vegetations in the Netherlands with special reference to gradient situations, *Acta Botanica Neerlandica*, **20** (3), 327-342. [dnveg codn]
- Thanheiser, D. 1978. Pflanzensociologische Beobachtungen an ostkanadischen Küsten-Dünengebieten, *Hoppea, Denkschr. Regensburg Botan. Gesellschaft*, **37**, 357-379. [dnveg codn]
- Thanheiser, D. 1981. *Die Küsenvegetation Ostkanadas*, *Münstersche geographische Arbeiten*, **10**, 210 pp. [dnveg codn abstract in Busche *et al.* 1984]
- Thanheiser, D. 1988. Die Pflanzengesellschaften der isländischen Küstendünen, *Norden*, **6**, 1-12. [dnveg codn]
- Thatcher, A.C. and Westman, E. 1975. Succession following mining on high dunes of coastal south-east Queensland, *Proceedings of the Ecological Society of Australia*, **9**, 17-33. [codn dnuse dnveg]
- Theilen, B. 1978. Untersuchungen an Binnendünen nordlich des Steinhuder Meeres, *Naturhistorische Gesellschaft zu Hannover Berichte*, **121**, 7-28. [dune stbdn]
- Thesleff, A. 1895. Dynbildingar i Oestra Finland, *Medelelser Geog. Fören. Finl.*, **2**, 36-77. [dune formations in eastern Finland stbdn]
- Thijsse, J.P. 1910. *Yellow dunes* (in Dutch), Verkade Album, Zaandam, 100 pp. [reprinted 1976 Zomer and Keunig, Wageningen codn dnveg ?]
- Thijsse, J.P. 1934. Young forest in the dunes (in Dutch), *Levende Natuur*, **39**, 105-110. [dnveg]
- Thijsse, J.P. 1938. The dunes of The Hague (in Dutch), *Levende Natuur*, **43**, 193-201. [dnveg]
- Thijsse, J.P. 1939. Flash fans on the dunes (in Dutch), *Levende Natuur*, **43**, 321-324. [dnveg]
- Thom, A.S. 1971. Momentum absorption by vegetation, *Quarterly Journal of the Royal Meteorological Society*, **97**, 414-428. [sdmo]
- Thom, B.G. 1965. Late Quaternary coastal morphology of the Port Stephens - Myall Lakes area, NSW, *Journal and Proceedings of the Royal Society of New South Wales*, **98**, 22-36. [codn rgs]
- Thom, B.G. 1967a. Coastal and fluvial landforms: Harry and Marion Counties, South Carolina, *Technical Report*, **44**, Coastal Studies Institute, Louisiana State University, 1-75. [codn]
- Thom, B.G. 1967b. Humate in coastal geomorphology, *Coastal Studies Bulletin*, **1**, 15-17. [codn dnsol]
- Thom, B.G. 1975. Modification of coastal and deltaic terrain subsequent to deposition, *Zeitschrift für Geomorphologie, Supplement Band*, **22**, 145-170. [codn]
- Thom, B.G. 1978. Coastal sand deposition in southeast Australia during the Holocene, in *Landform evolution in Australia*, Eds. Davies, J.L. and Williams, M.A.J., Australian National University Press, Canberra, 197-214. [codn]
- Thom, B.G. 1984. Transgressive and regressive stratigraphies of coastal sand barriers in southeast Australia, *Marine Geology*, **56**, 137-158. [codn]
- Thom, B.G., Bowman, G.M. and Polach, H. 1978. *Holocene age structure of coastal sand barriers in New South Wales, Australia*, Faculty of Military Studies / Department of Geography, University of New South Wales, Duntroon, 86 pp. [codn or T,P&B ??]

Thom, B.G., Bowman, G.M. and Roy, P.S. 1981. Late Quaternary evolution of coastal sand barriers, Port Stephens-Myall Lakes area, central New South Wales, Australia, *Quaternary Research*, **15**, 345-364. [codn abstract in Busche *et al.*, 1984

Thom, B.G. and Roy, P.S. 1985. Relative sea levels and coastal sedimentation in southeast Australia in the Holocene, *Journal of Sedimentary Petrology*, **55** (2), 257-264. [codn ?

Thomas, A.S. 1963. Further changes in vegetation since the advent of myxomatosis, *Journal of Ecology*, **51**, 151-186. [codn dnveg

Thomas, D.S.G. 1982. Evidence of Quaternary palaeoclimates in western Zimbabwe - a preliminary assessment, *Southern African Conference of the Commonwealth Geographical Bureau*, Lusaka, 9th-15th June, ** [stbnd

Thomas, D.S.G. 1984a. *Late Quaternary environmental change in central southern Africa, with particular reference to extensions of the arid zone*, D.Phil. dissertation, University of Oxford, 560 pp. [stbnd

Thomas, D.S.G. 1984b. Ancient ergs of the former arid zones of Zimbabwe, Zambia and Angola, *Transactions of the Institute of British Geographers*, NS **9** (1), 75-88. [stbnd

Thomas, D.S.G. 1985. Evidence of aeolian processes in the Zimbabwean landscape, *Transactions of the Zimbabwe Scientific Association*, **62**, 45-55. [stbnd

Thomas, D.S.G. 1986a. Dune pattern statistics applied to the Kalahari dune desert, southern Africa, *Zeitschrift für Geomorphologie*, NF **30** (2), 231-242. [stbnd

Thomas, D.S.G. 1986b. The response diagram and ancient desert sands - a note, *Zeitschrift für Geomorphologie*, NF **30** (3), 363-369. [sand

Thomas, D.S.G. 1986c. Ancient deserts revealed, *Geographical Magazine*, **58**, 11-15. [stbnd

Thomas, D.S.G. 1987a. The roundness of aeolian quartz sand grains, *Sedimentary Geology*, **52** (1-2), 149-153.

Thomas, D.S.G. 1987b. Discrimination of depositional environments in the Mega-Kalahari, in *Desert sediments, ancient and modern*, Eds. Frostick, L. E. and Reid, I., *Special Publication*, **35**, Geological Society of London, Blackwell, Oxford, 293-306. [geol e 58 fro stbnd dnbed sand

Thomas, D.S.G. 1987c. Arid geomorphology, *Progress in Physical Geography*, **11** (3), 419-431. [dune

Thomas, D.S.G. 1988a. The nature and depositional setting of arid and semi-arid Kalahari sediments, central southern Africa, *Journal of Arid Environments*, **14** (1), 17-26. [sand dnbed stbnd

Thomas, D.S.G. 1988b. Analysis of linear dune sediment-form relationships in the Kalahari dune desert, *Earth Surface Processes and Landforms*, **13** (6), 545-553. [dnbed stbnd

Thomas, D.S.G. 1988c. The geomorphological role of vegetation in the dune systems of the Kalahari, in *Geomorphological studies in South Africa*, Eds. Dardis, G.F. and Moon, B.P., Balkema, Rotterdam, 145-158. [geog qw 22 dar stbnd sdmo dnveg

Thomas, D.S.G., Ed. 1989a. *Arid zone geomorphology*, Belhaven, London, 350 pp. [dune sdmo

Thomas, D.S.G. 1989b. Aeolian sand deposits, in *Arid zone geomorphology*, Ed. Thomas, D.S.G., Belhaven, London, 232-261.

Thomas, D.S.G. 1989c. Reconstructing ancient arid environments, in *Arid zone geomorphology*, Ed. Thomas, D.S.G., Belhaven, London, 312-334. [dnbed stbnd

- Thomas, D.S.G. and Goudie, A.S. 1984. Ancient ergs of the southern hemisphere, in *Late Cainozoic palaeoenvironments of the southern hemisphere*, Ed. Vogel, J.C., Balkema, Rotterdam, 407-418. [stbdn]
- Thomas, D.S.G. and Martin, H.E. 1987. Grain size characteristics of linear dunes in the southwestern Kalahari: discussion, *Journal of Sedimentary Petrology*, **57** (3), 572-573. [sand]
- Thomas, D.S.G. and Shaw, P.A. 1988. Recent advances in the study of Quaternary landforms in Botswana, *Journal of African Earth Sciences*, **7** (4), 611-618. [title ?? stbdn]
- Thomas, P. 1981. North-south asymmetry of eolian features in martian polar regions: analysis based on crater-related wind markers, *Icarus*, **48** (1), 76-90. [dune]
- Thomas, P. 1982. Present wind velocity on Mars: relation to large longitudinally zoned sediment deposits, *Journal of Geophysical Research*, **87** (B12), 9,999-10,008. [dune]
- Thomas, P. 1984. Martian inter-crater splotches: occurrence, morphology and colors, *Icarus*, **57** (2), 205-227. [dune]
- Thomas, P. and Veverka, J. 1979. Seasonal and secular variation of windstreaks on Mars: an analysis of Mariner 9 and Viking data, *Journal of Geophysical Research*, **84** (B14), 8131-8146. [dune]
- Thomas, P., Veverka, J. and Campos-Marquetti, R. 1979. Frost streaks in the South Polar Cap of Mars, *Journal of Geophysical Research*, **84** (B9), 4621-4633. [dune]
- Thomas, P., Veverka, J., Gineris, D. and Wong, L. 1984. "Dust" streaks on Mars, *Icarus*, **60** (1), 161-179. [dune ?]
- Thomas, P., Veverka, J., Lee, S. and Bloom, A. 1981. Classification of wind streaks on Mars, *Icarus*, **45** (1), 124-153. [dune ?]
- Thomas, P.C. and Weitz, C. 1989. Sand dune materials and polar layered deposits on Mars, *Icarus*, **81** (1), 185-215.
- Thomas, Y.-F. 1975. *Actions éoliennes en milieu littoral - la Pointe de la Courbe, Mémoires*, **29**, Laboratoire de Géomorphologie de l'Ecole des hautes Etudes, 202 pp. [codn sdmo abstract in Busche *et al.*, 1984]
- Thomas, Y.-F. 1979. Influence du tapis végétal sur les débits solides éoliens littoraux, in *Les côtes atlantiques d'Europe, évolution, aménagement, protection*, Brest, 15-16 mai, 1979, *Actes et Colloques*, **9**, Publications du Centre national pour l'Exploration des Océans (CNEXO), 297-302. [sdmo dneg abstract in Busche *et al.*, 1984]
- Thomasson, M. 1981. Groupements végétaux de la plaine de Tuléar: la plage et les dunes vives littorales, *Madagasc. Revue de Géographie*, **38**, 53-66. [codn dneg]
- Thompson, C.H. 1981. Podzol chronosequences on coastal dunes in eastern Australia, *Nature*, **291** (5810), 59-61. [codn dnsol abstract in Busche *et al.*, 1984]
- Thompson, C.H. 1983. Development and weathering of large parabolic dune systems along the subtropical coast of eastern Australia, *Zeitschrift für Geomorphologie, Supplement Band*, **45**, 205-225. [codn dnsol abstract in Busche *et al.*, 1984]
- Thompson, C.H. and Bowman, G.M. 1984. Subaerial denudation and weathering of vegetated coastal dunes in eastern Australia, in *Coastal geomorphology in Australia*, Ed. Thom, B.G., Academic Press, London, 263-290. [codn dnsol]

- Thompson, C.H. and Hubble, G.D. 1977. Sub-tropical podzols (spodosols and related soils) of coastal eastern Australia, *Proceedings of the CLIMatrops Conference, Kuala Lumpur*, 203-213. [dnsol codn]
- Thompson, C.H. and Ward, W.T. 1975. Soil landscapes of North Stradbroke Island, *Proceedings of the Royal Society of Queensland*, **86**, 8-14. [dnsol codn]
- Thompson, D.B. 1969. Dome-shaped aeolian dunes in the Frodsham member of the so-called "Keuper" Sandstone Formation (Scythian? Anisian; Triassic) at Frodsham, Cheshire (England), *Sedimentary Geology*, **3**, 263-289. [dnbed]
- Thompson, D.B. 1970. The stratigraphy of the so-called "Keuper" Sandstone Formation (Scythian - ? Anisian) in the Permo-Triassic Cheshire Basin, *Quarterly Journal of the Geological Society of London*, **126**, 151-181. [dnbed]
- Thompson, D.G. 1932. *The Mojave Desert, California, a geographic, geologic and hydrologic reconnaissance*, United States Geological Survey, Professional Papers, **578**, 759 pp. [dune]
- Thompson, D.J. 1987. Criteria for the selection of stochastic models of particle trajectories in turbulent flows, *Journal of Fluid Mechanics*, **180**, 529-556. [sdmo]
- Thompson, W.O. 1932. Original structures of beaches, bars and dunes, *Bulletin of the Geological Society of America*, **48** (6), 723-751. [dnbed]
- Thórarinsson, S. 1981. Sitthvad ur Sudurlandsferdum, *Jokull*, **31**, 65-81. [dune notes on an excursion to southern Iceland brief abstract in Busche *et al.*, 1984 annexe]
- Thorn, C.E. and Darmody, R.G. 1980. Contemporary eolian sediments in the alpine zone, Colorado Front Range, *Physical Geography*, **1** (2), 162-171. [stbdn dune abstract in Niessen, *et al.* 1984 and Busche *et al.*, 1984]
- Thorn, C.E. and Darmody, R.G. 1985. Grain-size distribution of the insoluble component of contemporary eolian deposits in the Alpine zone, Front Range, Colorado, *Arctic and Alpine Research*, **17** (4), 433-442. [sand]
- Thorp, J. and Smith, H.T.U. 1952. *Map of the Pleistocene eolian deposits of the United States, Alaska and parts of Canada, Scale 1: 2 500 000*, Geological Society of America, ** [stbdn]
- Thortensen, D.C., McKenzie, F.T. and Ristvet, B.L. 1972. Experimental vadose and phreatic cementation of skeletal carbonate sand, *Journal of Sedimentary Petrology*, **42** (1), 162-167. [dnsol codn ?]
- Thoulet, J. 1881. Etude minéralogique d'un dune saharien, *Bulletin de la Société minéralogique de France*, **4**, 262-268. [sand]
- Threat, R.L. 1959. The wind at work, *Natural History*, **68**, 257-265. [dune ? sdmo ?]
- Tikkanen, M. 1981. Georelief, its origin and development in the coastal area between Pori and Uusikaupunki, south-western Finland, *Fennia*, **159** (2), 253-333. [codn]
- Tilho, J. 1911. *Documents scientifique de la Mission Tilho*, Ministère des Colonies, Imprimerie nationale, 3 volumes, **I**, 269 pp.; **II**, 632 pp.; **III**, 484 pp. [dune or 1910-1914 ??]
- Tilho, J. 1920. The exploration of Tibesti, Erdi, Borku and Ennedi in 1912-17, *Geographical Journal*, **56** (2), 81-99; (3), 161-183. [dune]
- Tilho, J. 1925. Sur l'aire probable d'extension maximum de la mer paléotchadienne, *Comptes rendus de l'Académie des Sciences, Paris*, **181**, 643-646. [stbdn]

Timm, W. 1966. Die Entwicklung der Dünen auf dem Haken Alt-Bessin (Hiddensee), *Wissenschaftliche Zeitschrift der Universität Rostock, mathematische-naturwissenschaftliche Reihe*, **15**, 7-8, 935-939. [codn]

Timmermans, P.D. 1939. On the first phases of the origin of the Dutch dune coast (in Dutch), *Geologie en Mijnbouw*, NS **1**, 291-297.

Tinbergen, N. 1927. The dunes of Hoek van Holland, *Levende Natuur*, **23**, 129-135. [codn dnveg]

Tinker, J. 1977. Sudan challenges the sand dragon, *New Scientist*, **73** (1040), 24 February, 448-450. [dnuse abstract in Busche *et al.*, 1984 annexe]

Tinley, K.L. 1985. *Coastal dunes of South Africa*, *South African Report*, **109**, South African National Scientific Programmes, 300 pp. [codn]

Tobolewski, Z. 1978. Lichen communities on grey dunes, in *Guide to the Polish international excursion*, Ed. Wojterski, T., *Univ. Poznan Biologia*, **11**, 112-115. [codn dnveg]

Tobolski, K. 1962. An investigation to determine the age of the dunes in the area between the rivers Warta and Notec applying the palynological method (in Polish, English abstract), *Badania Fizygeograficzne nad Polska Zachodnia*, **10**, 233-273. [stbdn]

Tobolski, K. 1966. The late-glacial and Holocene history of vegetation in the dune area of the middle Prosna valley, *Poznanskie Towarzystwo Przyjaciół Nauk, Sprawozdania Wydziału Matematyczno-Przyrodniczego, Prace Komisji Biol.*, **32**, 69 pp. [stbdn]

Tobolski, K. 1969. Dune-forming stages in the light of palynological examinations - Problems dealing with the number of stages and the characteristic of their history (in Polish, English abstract), in *Procesy i formy wydmowe w Polsce*, Ed. Galon, R., *Prace Geograficzne*, Polskiej Akademii Nauk, Instytut Geografii, Warsaw, **75**, 101-116. [stbdn]

Tobolski, K. 1972. Age and origin of the dunes at the south-east shore of the Lake Łebsko, *Badania Fizygeograficzne nad Polska Zachodnia*, **B 25**, 135-146. [stbdn]

Tobolski, K. 1975. Succession of vegetation on drifting sands of Finnish Lapland dunes, *Quaestiones Geographicae*, **2**, 157-168. [dnveg stbdn]

Tobolski, K. 1980. The fossil soils of the coastal dunes on the Łeba Bar and their palaeogeographical interpretation, *Quaestiones Geographicae*, **6**, 83-97. [codn dnsol]

Todd, D.K. and Huisman, A. 1959. Groundwater flow in the Netherlands coastal dunes, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **85**, 63-81. [dnhyd codn]

Toimil, L.J. and Reitmnitz, E. 1979. A herringbone bedform pattern of possible Taylor-Gortler flow origin seen in sonographs, *Sedimentary Geology*, **22**, 219-228. [dunelog]

Tolchel'nikov, Y.S. 1962. Calcium sulphate and carbonate neoformations in sandy desert soils, *Soviet Soil Science*, 1962, 643-650. [dnsol]

Tomioka, W., Amano, Y. and Sasaki, T. 1974. The ancient sand dunes of the plain to the southwest of Lake Mashu, Hokkaido (in Japanese, *Quaternary Research (Tokyo)*, **13** (1), 9-19. [stbdn]

Tomuschat, E. and Ziegenspeck, H. 1929. Beiträge zur Kenntnis der ostpreussischen Dünen, *Schr. der königsburger gelehrten Gesellschaft*, 115 pp. [stbdn codn or: *Schriften der Königsberger Gelehrten Gesellschaft naturwissenschaftlichen Klasse*, **6** (4), 101-216.

Toobey, P.F., Wick, G.L. and Isaacs, J.D. 1977. The motion of a small sphere in a rotating velocity field: a possible mechanism for suspending particles in turbulence, *Journal of Geophysical Research*, **82** (15), 2096-2100. [sdmo]

- Torobin, L. and Gauvin, W. 1960. Fundamental aspects of solids-gas flow. IV. The effects of particle rotation, roundness and shape, *Canadian Journal of Chemical Engineering*, **38**, 142-153. [sdmo]
- Torquato, J.R. 1970. Origin and evolution of the Mocamedes Desert, Angola, *Boletim*, **7** (2), Instituto de Investigacao Cientifica de Angola, 29-38. [dune]
- Torquato, J.R. 1972. Origin and evolution of the Mocamedes Desert, Angola, in *African geology: Quaternary rocks and geomorphology of Angola, Chad, Côte d'Ivoire, Nigeria and Sahara*, Department of Geography University of Ibadan, 449-459. [dune]
- Torrent, J. and Schwertmann, U. 1987. Influence of hematite on the color of red beds, *Journal of Sedimentary Petrology*, **57** (4), 682-694. [dnsol]
- Tosio Cho and Tomohisa Yanu 1969. Irrigation systems in sand dune areas and water resources (in Japanese), *Geographical Review of Japan*, **42**, 176-179. [dnuse]
- Townsend, C.W. 1925. *Sand dunes and salt marshes*, Page, Boston, ** [codn dnveg]
- Trainer, F.W. 1961. Eolian deposits of the Matanuska Valley agricultural area, Alaska, *Bulletin of the United States Geological Survey*, **1121-C**, 34 pp. [dune stbdn abstract in Niessen, et al. 1984]
- Trask, P.D. 1931. Compaction of sediments, *Bulletin of the American Association of Petroleum Geologists*, **15**, 271-276. [sand dnbed]
- Traves, D.M. and Casey, J.N. 1956. Exploring for oil in the Canning Basin Desert (Western Australia), *Walkabout*, **1956**, 10-14. [dnuse dune]
- Travis, W.G. 1915. Marram grass and dune formation on the Lancashire coast, *Lancashire and Cheshire Naturalist*, **8**, 313-320. [codn dnveg]
- Traylor, I.R. 1981. Deserts as battlefields (abstract), *Proceedings of the Association for Arid Lands Studies*, **4**, 18. [dnuse]
- Trembaczowski, J. 1948. Origin of beach- and dune-sands in Pulawy (in Polish), *Universitatis Mariae Curie-Sklodowska, Annales*, Lublin, **B 3**, ** [codn]
- Trembaczowski, J. 1966. Barchany polnocnego brzegu jeziora Char us Nuur w kotlinie wielkich jezior, Zachodnia Mongolia, *Annalles Universitatis Mariae Curie-Skłodowska*, Lublin, **B 21**, 87-110. [dune Barchans of the northern margin of the Lake Char us Nuur basin of the great lakes (western Mongolia) or 1968 ??]
- Trembaczowski, J. 1969. Characteristics and morphology of sediments in the Great Lake Basin, western Mongolia (abstract), in *Abstrakay Prac Habilitacyjnych i' Doktorskich, 1968*, Polskiej Akademii Nauk, Instytut Geografii, Dokumentacja Geograficzna, **6**, 56. [dnbed sand]
- Trembaczowski, J. 1976. Sand dunes of the region of Borig del els (NW Mongolia) (in Polish), *Geografia Studia et Dissertationes, Uniwersitetu S_aski*, **6**, 21-52.
- Trenk, P. 1910. In der Dünen der Namib, *Dt. Kolonialbil*, **21**, 230-236. [dune]
- Trew, M.J. 1973. The effect and management of trampling on sand dunes, *Journal of Environmental Planning and Pollution Control*, **1**, 131-149. [codn dnuse]
- Tricalinos, J. 1928. Wind ripples, *Petermanns geographische Mitteilungen*, **74** (9-10), 266-271. [dune ripple]
- Tricalinos, J. 1930. Über die Entstehung der Dünen, *Prak. Akad. Athen.*, **5**, 133-140. [dune or Trikanos ??]

- Tricart, J. 1951. L'évolution morphologique du littoral des Bas-Champs Picards, *Revue de Géomorphologie dynamique*, **2**, 49-65. [codn]
- Tricart, J. 1954. Une forme de relief climatique: les sebkhas, *Revue de Géomorphologie dynamique*, **5**, 97-191. [dune stbdn]
- Tricart, J. 1955. Nouvelles observations sur les sebkhas de l'Aftout es-Sahel Mauritanien et du delta du Sénégal, *Revue de Géomorphologie dynamique*, **6**, 177-187. [dune? stbdn]
- Tricart, J. 1958. Analyse de "Differentiation éolienne de la matière dans les déserts" de A.V. Sidorenko, *Revue de Géomorphologie dynamique*, **9** (1-2), 29. [sand sdm]
- Tricart, J. 1959. Présentation d'une feuille de la carte géomorphologique du delta du Sénégal au 1: 50 000, *Revue de Géomorphologie dynamique*, **11**, 106-116. [stbdn]
- Tricart, J. 1961a. Le modelé du Quadulatero Ferifero, sud de Belo Horizonté, Brésil, *Annales de Géographie*, **70** (379), 255-272. [dune?]
- Tricart, J. 1961b. *Notice explicative de la carte géomorphologique du Delta du Sénégal*, Mémoire **8**, Bureau de Recherche géologique et minière (BRGM), 118 pp. [stbdn]
- Tricart, J. 1967. Etude des faciès d'une dune gypseuse (Sud d'Oran, Algérie), *Bulletin de la Société géologique de la France*, 7^e Série, **9**, 865-875. [dnbed]
- Tricart, J. 1969. Actions éoliennes dans la Pampa Deprimada, (Republica Argentina), *Revue de Géomorphologie dynamique*, **19** (4), 178-189. [dune]
- Tricart, J. 1974. Existence des périodes sèches au Quaternaire en Amazonie et dans les régions voisines, *Revue de Géomorphologie dynamique*, **23** (4), 145-158. [stbdn]
- Tricart, J. 1981. Géomorphologie et Quaternaire d'après une image R.B.V.: la vallée du Sénégal entre Bogué et Podor (Sénégal), *Annales de Géographie*, **90** (499), 311-326. [stbdn abstract in Busche *et al.*, 1984 annexe]
- Tricart, J. and Alfonsi, P.P. 1981. Actions éoliennes récentes aux abords du delta de l'Orenoque, *Bulletin de l'Association de Géographes français*, (475-476), 75-82. [dune]
- Tricart, J. and Brochu, M. 1955. Le grand erg ancien du Trarza et Cayor (sud-ouest de la Mauritanie et nord du Sénégal), *Revue de Géomorphologie dynamique*, **4**, 145-176. [dune stbdn]
- Tricart, J. and Cailleux, A. 1964. *Le modelé des régions sèches*, Le Cours de Sorbonne, Centre de Documentation Universitaire, Paris, 2 volumes, 129; 179 pp. [or 1960, 179 pp. ?? dune store 703 e 20 tri]
- Tricart, J., Cardoso da Silva, T. and Brochu, M. 1960. Etude géomorphologique du Projet d'Aménagement du Lac Faguebine (République du Mali), *Sols africains*, **5** (3), 207-289. [stbdn]
- Tricart, J. and Mainguet, M. 1965. Caractéristiques granulométriques de quelques sables éoliens du désert pérouvien: aspects de la dynamique des barchans, *Revue de Géomorphologie dynamique*, **15** (7-9), 110-121. [sand dune abstract in Busche *et al.*, 1984]
- Trichet, J. 1963. Description d'une forme d'accumulation de gypse par voie éolienne dans le sud Tunisien, *Bulletin de la Société géologique de la France*, 7^e Série, **5**, 617-621. [dune]
- Trichet, J. 1967. Etude des faciès d'une dune gypseuse, sud d'Oran, Algérie, *Bulletin de la Société géologique française*, Série 7, **9** (364), 865-875.

- Trimble, D.E. and Carr, W.J. 1976. *Geology of the Rockland and Arban Quadrangles, Power County, Idaho*, *Bulletin of the United States Geological Survey*, **1121-C**, 34 pp. [dune or 115 pp ??]
- Trimble, S. 1978. *Great Sand Dunes: the shape of the wind*, Southwest Parks and National Monuments Association, **, 32 pp.
- Tromp, S.W. 1932. Grain-size investigation of the dune sand in Meijndel (in Dutch), *Verhandel der Geologie-Mijnbouw, General Geologie Serie*, **9**, 153-170. [codn]
- Trossel, C.J. 1981. Aeolian sand control in Saudi Arabia as experienced by Aramco, *Proceedings of a Symposium on Geotechnical Problems in Saudi Arabia*, 329-360. [dnuse]
- Trousdale, W. 1967. Lands of the Sistan sands, *Middle East*, **7** (7), 7-14. [dune abstract in Busche *et al.*, 1984]
- Troutman, B.M. 1980. A stochastic model for particle sorting and related phenomena, *Water Resources Research*, **16** (1), 65-76. [sand sdmo]
- Trusheim, F. 1936. Kleine Beobachtungen an Ripplen, *Natur und Volk*, **66**, 288-293.
- Trushkovskii, A.A. 1970. Soil formations in eolian sands in the Caspian lowland between the Volga and Ural Rivers, in *Genesis and classification of semi-desert soils*, Ed. Ivanova, Y.N., Israel Scientific Translation Program, Jerusalem, 181-241. [dune stbdn dnsol]
- Tschapek, M. 1984. Criteria for determining the hydrophylity-hydrophobicity of soils, *Zeitschrift für Pflanzenernährung und Bodenkunde*, **147**, 137-149. [dnsol dnhyd]
- Tseo, G. 1986. *Longitudinal dunes: their genesis and ordering*, unpublished Ph.D. dissertation, University of Adelaide, 153 pp.
- Tsoar, H. 1970. *The dunes of El-Arish, northern Sinai, (in Hebrew)*, unpublished M.Sc. dissertation, Hebrew University of Jerusalem, **
- Tsoar, H. 1974. Desert dunes, morphology and dynamics, El-Arish, northern Sinai, *Zeitschrift für Geomorphologie, Supplement Band*, **20**, 41-61. [abstract in Busche *et al.*, 1984]
- Tsoar, H. 1975. Specific sampling of ripples and micro-features on desert dunes, *Proceedings of the 10th International Congress of Sedimentology*, Nice, **3**, 101-105. [dune sand]
- Tsoar, H. 1976. Characterisation of sand dune environments by their grain-size, mineralogy and surface texture, in *Geography in Israel*, Ed. Amiran, D., Jerusalem, 327-343. also, *International Geography, '76. Section 1, Geomorphology and Palaeogeography, 23rd International Geographical Congress*, 231-235. [abstract in Busche *et al.*, 1984]
- Tsoar, H. 1978a. *The dynamics of longitudinal dunes, Final Technical Report*, **DA-ERO 76-G-072**, European Research Office, United States Army, London, 171 pp.
- Tsoar, H. 1978b. *Dynamics of longitudinal dunes*, (in Hebrew) unpublished Ph.D. dissertation, Hebrew University, Jerusalem, **
- Tsoar, H. 1982a. Internal structure and surface geometry of longitudinal (seif) dunes, *Journal of Sedimentary Petrology*, **52** (3), 823-831. [dnbed abstract in Busche *et al.*, 1984 annexe]
- Tsoar, H. 1982b. Simulation of echo and climbing dunes in a wind-tunnel (abstract), *Proceedings of the 11th International Congress of Sedimentologists*, Hamilton, Ontario, **
- Tsoar, H. 1983a. Dynamic processes acting on a longitudinal (seif) sand dune, *Sedimentology*, **30** (4), 567-578.

Tsoar, H. 1983b. Wind tunnel modelling of echo and climbing dunes, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 247-260.

Tsoar, H. 1984. The formation of seif dunes from barchans - a discussion, *Zeitschrift für Geomorphologie*, NF **28** (3), 99-104.

Tsoar, H. 1985. Profiles analysis of sand dunes and their steady state signification, *Geografiska Annaler*, **A 67** (1-2), 47-59.

Tsoar, H. 1986a. Two-dimensional analysis of dune profiles and the effect of grain size on sand dune morphology, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 94-108. [sand

Tsoar, H. 1986b. The advance mechanism of longitudinal dunes, in *Physics of desertification*, Eds. El-Baz, F. and Hassan, M.H.A., Martinus Nijhof, The Hague, 241-250.

Tsoar, H. 1989. Linear dunes - forms and formation, Progress in Physical Geography, 13, 507-528.

Tsoar, H. and Greeley, R. 1980a. Estimates of characteristic grain sizes for martian dunes, *Lunar and Planetary Science*, **11**, 1167-1171. [sand

Tsoar, H. and Greeley, R. 1980b. Dunes related to obstacles on Earth and Mars: observation and simulation, *Reports of Planetary Geology Program*, **TM-81776**, National Aeronautic and Space Administration (NASA), 369-370.

Tsoar, H., Greeley, R. and Peterfreund, A.R. 1979. Mars: the North Polar Sand Sea and related wind patterns, *Journal of Geophysical Research*, **84** (B14), 8167-8180. [dune

Tsoar, H. and Møller, J.-T. 1986. The role of vegetation in the formation of linear sand dunes, in *Aeolian geomorphology*, Ed. Nickling, W.G., *Binghampton Symposia in Geomorphology, International Series*, **17**, Allen and Unwin, Boston, 75-97. [dnveg

Tsoar, H., Rasmussen, K.R., Sørensen, M. and Willetts, B.B. 1985. Laboratory studies of flow over dunes, in *International Workshop on the Physics of Blown Sand, Proceedings*, Eds. Barndorff-Nielsen, O.E., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoirs*, **8**, Department of Theoretical Physics, Institute of Mathematics, University of Aarhus, 327-350.

Tsoar, H. and Yaalon, D.H. 1983. Deflection of sand movement on a sinuous longitudinal (seif) dune: use of fluorescent dye as a tracer, *Sedimentary Geology*, **36** (1), 25-40.

Tsoar, H. and Zohar, Y. 1985. Desert dune sand and its potential for modern agricultural development in *Desert development*, Ed. Gradus, Y., Reidel Dordrecht, 184-192. [dnuse geog xf 72 gra

Tsuchiya, Y. 1969a. Mechanics of successive saltations of a sand particle on a granular bed in a turbulent stream, *Bulletin of the Disaster Prevention Research Institute*, Kyoto University, **19**, 31-44. [sdmo

Tsuchiya, Y. 1969b. On the mechanics of saltation of a spherical sand particle in a turbulent stream, *Proceedings of the 13th Congress of the International Association of Hydraulic Research, Bulletin of the Disaster Prevention Research Institute*, Kyoto University, 191-198. [sdmo

Tsuchiya, Y. 1970. Successive saltation of a sand grain by wind, *Coastal Engineering* (2, ch 87), *Proceedings of the 12th Coastal Engineering Conference*, American Society of Civil Engineers, 1417-1227. [sdmo, ripple abstract in Busche *et al.*, 1984

Tsuchiya, Y. and Kawata, Y. 1972. Characteristics of saltation of sand grains in wind, *Proceedings of the 13th Coastal Engineering Conference*, 1617-1625. [sdmo

- Tsuriell, E.D. 1959. *Physiological-ecological studies on *Ammophila arenaria* as a pioneer plant for Israel's sand dunes*, unpublished Ph.D. dissertation, Hebrew University, Jerusalem, ** [codn dnveg]
- Tsuriell, E.D. 1960. Micro-climatical factors in relation to plant transpiration of *Ammophila arenaria* in the semi-arid sand dunes of Israel, *2nd International Biometeorological Congress*, London, ** [codn dnveg]
- Tsuriell, E.D. 1961. Fixing of shifting sand dunes, *La-Yaaran*, **11** (2), 12-13. [dnuse]
- Tsuriell, E.D. 1963. Influence of wind velocities upon transpiration of *Ammophila arenaria*, *Abstracts, International Congress of Biometeorology*, Pau, ** [dnveg]
- Tsuriell, E.D. 1966. *Sand dune stabilization in Israel*, mimeo, Soil Conservation Department, Ministry of Agriculture, Tel-Aviv, 22 pp. [dnuse]
- Tsuriell, E.D. 1969. Town refuse material for sand dune use in the semi-arid zone, *Abstracts, International Congress on Arid Lands in a Changing World*, Tucson, AZ, 3-13 June, ** [dnuse]
- Tsuriell, E.D. 1971. Collection and conservation of desert and sand binding plants, *Plant Genetics Newsletter*, Food and Agriculture Organisation of the United Nations (FAO), **25**, 23-26. [dnuse dnveg]
- Tsuriell, D.E. 1974a. Sand binding and desert plants, *International Journal of Biometeorology*, **18** (2), 85-181. [dnuse codn dnveg something wrong with this and next reference ED. ?? or ?? Sand dune stabilization in Israel, *International Journal of Biometeorology*, **18**, 89-93.
- Tsuriell, D.E. 1974b. *Report on sand dune stabilization in Israel*, **TF-INT. 56 (DEN)**, Food and Agriculture Organization of the United Nations (FAO) / Danish Funds-In-Trust, 26 pp. [dnuse long abstract in Busche *et al.*, 1984]
- Tsuriell, D.E. 1981. Impact of low air humidity on desert plants, in *9th International Congress of Biometeorology, Osnabruk, Abstracts Volume*, Eds. Mueller, A. and Lieth, H., 201-203. [dveg abstract in Busche *et al.* 1984]
- Tucker, R.W. and Vacher, H.L. 1980. Effectiveness of discriminating beach, dune and river sands by moments and the cumulative weight percentages, *Journal of Sedimentary Petrology*, **50** (2), 165-172.
- Tuesink, M.F. 1989. *Depositional analysis of an eolian-fluvial environment: the intertonguing of the Kayenta Formation and Navajo Sandstone in southwestern Utah*, unpublished M.Sc. dissertation, ** Flagstaff, AZ, 189 pp. [dnbed]
- Tuora, J. 1956. The formation of artificial sand dunes as a means of coastal protection, *Civil Engineering*, February, 185-187. [codn dnuse]
- Turnel, J. ** La percolation dans les sables, dune maritimes de Normandie, *Bulletin du Musée Histoire naturelle*, 2^{ème} Série, **22**, 664-671. [codn dnuse dnhyd]
- Turner, B.R. 1972. Silica diagenesis in the Molteno Sandstone, *Transactions of the Geological Society of South Africa*, **75**, 55-66. [dnbed dnsol ?]
- Turner, J.S., Carr, S.G.M. and Bird, E.C.F. 1962. The dune succession at Corner Inlet, Victoria, *Proceedings of the Royal Society of Victoria*, NS **75** (1), 17-33. [codn dnveg]
- Tüxen, R. 1967. Pflanzensoziologische Beobachtungen an südwest-norwigischen Küsten-Dünengebieten, *Aquilo. Ser. Botan.*, **6**, 241-272. [dnveg]
- Tüxen, R. 1970. Pflanzensoziologische Beobachtungen an isländischen Düngesellschaften, *Vegetatio*, **20**, 251-278. [dnveg]

Tüxen, R. and Ohba, T. 1975. La végétation des dunes côtières du Japon, in *Colloques phytosociologiques*, **1**, *La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, Cramer, Vaduz, 5-15. [dnveg codn]

Twenhofl, W.H. 1943. Origin of the Black Sands of southwestern Oregon, *Bulletin of the Oregon Department of Geology and Mineral Industries*, **24**, 25 pp. [codn]

Twenhofl, W.H. 1945. The rounding of sand grains, *Journal of Sedimentary Petrology*, **15** (2), 59-71.

Twenhofl, W.H. 1946. Mineralogical and physical composition of the sands of the Oregon coast from Coos Bay to the mouth of the Colorado River, *Bulletin of the Oregon Department of Geology and Mineral Industries*, **30**, 64 pp. [codn]

Twidale, C.R. 1972a. Evolution of sand dunes in the Simpson Desert, Central Australia, *Transactions of the Institute of British Geographers*, **56**, 77-109.

Twidale, C.R. 1972b. Landform evolution in the Lake Eyre region, Australia, *Geographical Review*, **62** (1), 40-70. [dune]

Twidale, C.R. 1978. Singing sands, in *Encyclopaedia of geomorphology*, Eds. Fairbridge, R.W. and Bourgeois, J., van Nostrand Reinhold, New York, 994-995.

Twidale, C.R. 1980. The Simpson Desert, central Australia, *South African Geographical Journal*, **62** (1), 3-17. [dune abstract in Busche *et al.*, 1984]

Twidale, C.R. 1981a. Age and origin of longitudinal dunes in the Simpson and other sand ridge deserts, *Die Erde*, **112** (3-4), 231-241. [abstract in Busche *et al.*, 1984]

Twidale, C.R. 1981b. Landforms of northeastern South Australia, in *The far northeast of South Australia*, Ed. Foale, M.R., Nature Conservation Society of South Australia, Adelaide, 7-14. [dune]

Twidale, C.R. and Wopfner, H. 1981. Aeolian landforms of central Australia, a discussion, *Zeitschrift für Geomorphologie*, NF **25** (3), 353-358. [dune]

Tye, R.S. 1983. Impact of Hurricane David and mechanical dune restoration on Folly Beach, South Carolina, *Shore and Beach*, **51** (2), 3-9. [dnuse codn]

Tyler, T.F. 1979. Laboratory studies of sand patterns resulting from current movements, in *A study of global sand seas*, Ed. McKee E.D., *United States Geological Survey, Professional Papers*, **1052**, 171-186. [dunelog sdmo wind abstract in Busche *et al.*, 1984]

Udden, J.A. 1890. The mechanical composition of wind deposits, *Augustana Library Publication*, **1**, 69 pp. [sand or 1898 ??]

Udden, J.A. 1894. Erosion, transportation and sedimentation performed by the atmosphere, *Journal of Geology*, **2** (2), 318-331. [dune sdmo]

Udden, J.A. 1896. Dust and sand storms in the West, *Popular Science Monthly*, **49**, 655-664. [sdmo]

Udden, J.A. 1914. The mechanical composition of clastic sediments, *Bulletin of the Geological Society of America*, **25**, 655-744. [sand]

Udden, J.A. 1916. Notes on ripple-marks, *Journal of Geology*, **24** (2), 123-129.

Udo de Haes, H.A. 1982. De gevolgen van waterwinning in de duinen, in *Wadden-duinen-delta*, Eds. Wolff, W.J. and Dijkema, K., Centre for Agricultural Publication and Documentation (Pudoc), Wageningen, 133-156. [codn dnuse dnhyd]

- Udo de Haes, H.A., Baaijens, G.J. and van Dijk, H.W.J. 1980. Drinkwaterwinning en natuurbehoud: conflicten en mogelijkheden tot integratie, *H₂O*, **13** (19) 441-448. [codn dnhyd dnuse]
- Uggla, H. and Piascik, H. 1967. Studies on soil wind erosion by means of deflameters, *Transactions of the 8th International Congress of Soil Science, 1964*, **2**, 679-690. [sdmo]
- Uhden, R. 1932. Bechenformen und Dünengebiete der Libyschen Wüste, *Carl Uhlig Festschrift*, Ed. Hohenloher, F., Rau, Ohringen, 106-128. [dune]
- Uliczka, K. and Dette, H.H. 1987. Prototype investigation on time-dependent dune recession and beach erosion, *Proceedings of the Conference on Coastal Sediments, 1987*, **2**, American Society of Civil Engineers, New York, 1430-1444. [codn]
- Ungar, J.E. and Haff, P.K. 1987. Steady state saltation in air, *Sedimentology*, **34** (2), 289-300. [sdmo]
- United Nations Conference on Desertification (UNCOD) 1977. *China: tame the wind, harness the sand and transform the Gobi. Summary report on the experiences of the Sinkiang Turfan people in combatting Desertification*, Peoples' Republic of China, Sinkiang Uighur Autonomous Region, Office of Environmental Protection, **A/CONF 74/16**, 21 pp. [dnuse]
- United Nations Sudano-Sahelian Office (UNSO), Eds. 1981. *Medium and long-term program for sand dune fixation in Mauritania: phase I - analysis of nature and extent of sand movements and development of an approach* (UNSO), New York, ** pp. [dnuse]
- United States, Bureau of Land Management 1977a. *California desert plan program: planning area analysis*, United States Department of the Interior, Riverside, CA, ** pp. [dnuse]
- United States, Bureau of Land Management 1977b. *The California desert conservation area plan*, United States Department of the Interior, Sacramento, CA, ** pp. [dnuse]
- United States Department of Agriculture (USDA), Soil Conservation Service, n.d. *Building, planting and maintaining coastal sand dunes*, *Conservation Information*, **82**, United States Government Printing Office, Washington, DC, ** pp. [codn dnuse]
- United States Army, Corps of Engineers 1975. *Shore protection manual*, Coastal Engineering Research Center, 3 volumes, ** pp. [codn dnuse geog e 20 uni abstract in Busche *et al.* 1984]
- United States Department of Agriculture, Soil Conservation Service 1977. 'Cape' American beachgrass: conservation plant for mid-Atlantic sand dunes, *Program Aid*, **1152**, United States Government Printing Office, Washington, DC, ** pp. [codn dnuse]
- United States Department of Agriculture, Soil Conservation Service 1982. 'Atlantic' coastal panicgrass, *Program Aid*, **1318**, United States Government Printing Office, Washington, DC, ** pp. [codn dnveg dnuse]
- Urbaniak, U. 1962. The structure of a dune in Goren Duzy (in Polish, English abstract), *Przegląd Geograficzny*, **34** (4), 747-758. [dnbed stbdn]
- Urbaniak, U. 1966. Skład mineralny piasków wydmych w Kotlinie Płockiej, *Przegląd Geograficzny*, **38** (3), 435-453. [Mineral composition of dune sands from the Plock Basin stbdn]
- Urbaniak, U. 1967. *Dunes of the Plock basin* (in Polish, English abstract), *Prace Geograficzne*, Instytut Geografii, Polskiej Akademii Nauk, **61**, 79 pp. [stbdn abstract in Niessen, *et al.* 1984]
- Urbaniak, U. 1969a. Disturbances in the stratification of dunes in the Plock basin (in Polish, English abstract), in *Procesy i formy wydmy w Polsce*, Ed. Galon, R., *Prace Geograficzne*, Warszawa, Instytut Geografii PAN, **75**, 209-237. [dnbed stbdn]

- Urbaniak, U. 1969b. Problematics of dunes in Poland, in *Processes and forms in Polish dunes*, Ed. Galon, R., Polskiej Akademii Nauk, Instytut Geografii, *Prace Geograficzne*, Warsaw, **75**, 355-368. [stbdn]
- Urbaniak, U. 1969c. Les sables de couverture, les cryoturbations et les fractures dans les dunes du bassin de Plock, *Biuletyn Peryglacyjny*, **19**, 299-422. [dnbed abstract in Niessen, *et al.* 1984 stbdn]
- Urbaniak-Biernacka, U. 1973a. Organogenic pseudomorphoses in dunes (in Polish), *Przegląd Geograficzny*, **45** (3), 535-555. [dune abstract in Busche, *et al.* 1984, root channels in soils dnso abstract in Busche *et al.*, 1984]
- Urbaniak-Biernacka, U. 1973b. Structure and age of dune at Gorki in Kampinos Forest (in Polish), *Przegląd Geograficzny*, **45** (4), 750-764. [stbdn]
- Urbaniak-Biernacka, U. 1975. Wydmy okolic Swietonscia na wyspie Wolin, *Acta Universitatis Nicolai Copernici Geografia*, **11**, 57-86. [The dunes in the Swietovisc region on Wolin Island stbdn codn]
- Urbaniak-Biernacka, U. 1976a. *Investigations of dunes in central Poland with use of statistical methods* (in Polish), *Prace Naukowe Politechniki Warszawskiej Geodizja*, **17**, 204 pp. [stbdn]
- Urbaniak-Biernacka, U. 1976b. Skład granulometryczny piasków wydmych w kotlinie Plockiej, *Prace i Studia, Geografia Fizyczna*, **17**, Instytutu Geograficznego, Uniwersytetu Warszawskiego, **6**, 83-125. [grain size distributions and sand abrasion of inland dunes from the Plock Basin stbdn]
- Urvoy, Y. 1933a. Les formes dunaires a l'Ouest du Tchad, *Annales de Géographie*, **42** (239), 506-515. [dune stbdn]
- Urvoy, Y. 1933b. Modelé dunaire entre Zinder et le Tchad, *Bulletin de l'Association de Géographes français*, **10**, 79-82. [stbdn or **74** (69), ??]
- Urvoy, Y. 1935. Terrasses et changements du climat quaternaire a l'est du Niger, *Annales de Géographie*, **44**, 254-263. [stbdn]
- Urvoy, Y. 1936. Structure et modelé du Soudan français, *Annales de Géographie*, **45**, 19-49. [dune stbdn]
- Urvoy, Y. 1942. *Les bassins du Niger: étude de géographie physique et de paléogéographie*, *Mémoire*, **4**, Institute français de l'Afrique noire, 139 pp. [stbdn]
- Uslu, T. 1989. *Geographical information on Turkish coastal dunes*, European Union for Coastal Conservation, Leiden, 32 pp. [codn]
- Vaché-Grandet, G. 1959. L'erg du Trarza, notes de géomorphologie dunaire, *Travaux de l'Institut de Recherches sahariennes*, **18**, 161-172. [stbdn]
- Vacher, H.L. 1973. Coastal dunes of younger Bermuda, in *Coastal geomorphology*, Ed. Coates, D.R., State University of New York, Publications in Geography, 355-391. [codn]
- Vacher, H.L. and Mackenzie, F.T. 1970. Pleistocene lithosomes of Bermuda, *Bulletin of the American Association of Petroleum Geologists*, **54** (5), 873-874. [codn]
- Vail, C.E. 1917. Lithologic evidence of climatic pulsations, *Science*, NS, **46** (1178), 90-93. [sand dnbed]
- Vakulin, A.A. 1973. *Osvoyeniye peskov*, Alista, Kalmyk ASSR, 138 pp. [Development of sands dnuse]
- Valencia, M.J. 1977. Christmas Island (Pacific Ocean) reconnaissance geologic observations, *Atoll Research Bulletin*, **197**, ** [codn]
- Valentin, C. 1986. Surface crusting of arid sandy soils, in *Assessment of soil surface sealing and crusting*

- Eds. Callebaut, F., Gabriels, D. and De Boodt, M. *Proceedings, Symposium*, Ghent, 1985, Flanders Research Centre for Soil Erosion and Conservation, Ghent, 9-17, 40-47. [dnsol]
- van Balen, C.L. 1910. Dune flats and wind holes. On the formation of beach ridges and high swamp, *Koninklijk Nederlands Aardijkskundig Genootschap Tijdschrift*, 2, **27**, 205-217. [codn]
- van Baren, J. 1913. The vertical construction of the sea dunes in the Netherlands, *Koninklijk Nederlands Aardijkskundig Genootschap Tijdschrift*, 2, **30**, 585-597. [codn]
- van Berchem, M. 1953. Deux campagnes de fouilles à Sedrata (1951-52), *Travaux de l'Institut de Recherches sahariennes*, **9**, 123-138. [dnuse]
- van Bohemen, H.D., Jungerius, P.D. and van der Meulen, F. 1989. Herstel, ontwikkeling en beheer van landschapsecologische processen op het strand en in de buitenduinen. Themanummer Kustbeheer, *De Levende Natuur*, **90**, 134-141 / *Duin*, **12**, 88-95. [codn]
- van Burkalow, A. 1945. Angle of repose and angle of sliding friction: an experimental study, *Bulletin of the Geological Society of America*, **56** (5), 669-707. [dune]
- van Daele, G. 1960. *Morphological study of the dunes at Westhoek*, (in Flemish), unpublished dissertation, University of Leuven, 146 pp. [codn]
- van de Graaf, J. 1977. Dune erosion during a storm surge, *Coastal Engineering*, **1**, 99-134. [codn or van der ??]
- van de Graaf, J. 1986. Probabilistic design of dunes: an example from the Netherlands, *Coastal Engineering*, **9**, 479-500. [dnuse codn]
- van de Kamp, P.C. 1973. Holocene continental sedimentation in the Salton basin, California - A reconnaissance, *Bulletin of the Geological Society of America*, **84** (3), 827-848. [dune]
- van de Meene, E.A. 1980. Geology and geomorphology of a fossil aeolian landscape in the Liemers (eastern Netherlands), *Geologie en Mijnbouw*, **59** (2), 113-120. [dune]
- van den Ancker, J.A.M., Jungerius, P.D. and Mur, L.R. 1985. The role of algae in the stabilization of coastal dune blowouts, *Earth Surface Processes and Landforms*, **10** (2), 189-192. [codn sdmo dnveg]
- van den Ancker, J.A.M. and de Winder, B. 1985. The role of algae in the stabilization dune terrains (in Dutch), *Duin*, **8** (5), 18-20. [codn sdmo dnveg]
- Van den Bergh, J. 1985. Deux arbustes d'avenir pour vaincre l'avance du désert, *Afrique Agriculture*, **113**, 40-45. [dnuse]
- Vandenbergh, J. 1981. Weichselian stratigraphy in the southern Netherlands and northern Belgium, *Quaternary Studies in Poland*, **3**, 111-118. [stbdn]
- Vandenbergh, J. 1983. Late Weichselian river dune formation in Grote Nete Valley, central Belgium, *Zeitschrift für Geomorphologie, Supplement Band*, **45**, 251-263. [stbdn abstract in Busche *et al.*, 1984]
- Vandenbergh, J. and Gullentops, F. 1977. Contribution to the stratigraphy of the Weichsel peniglacial in the Belgian coversand area, *Geologie en Mijnbouw*, **56** (2), 123-128. [stbdn]
- Vandenbergh, J. and Krook, L. 1981. Stratigraphy and genesis of Pleistocene deposits at Alphen, southern Netherlands, *Geologie en Mijnbouw*, **60**, 417-426. [stbdn]
- van der Berghen, C. 1958. Etude sur la végétation des dunes et des landes de la Bretagne, *Vegetatio*, **8** (5-6), 193-208. [dnveg codn]

van der Berghen, C. 1963. L'association à *Helichrysum stoechas* dans les dunes du littoral du sud-ouest de la France (Roseto-Ephedretum KUHNHOLTZ-LORDAT), *Vegetatio*, **11**, 317-324. [dnveg codn]

van der Durgt, J.H. and van Bendegom, L. 1949. ** dune fixation**, *4th Conference on Biology and Civil Engineering, 1948*, Institute of Civil Engineers, ** pp. [dnuse codn]

van der Hull, W. 1838. *On the origin and history of the dunes of Holland*, **, Haarlem, ** [codn or van den Hull: *Over den Oorsprong en de geschiedenis der Hollandische duinen*,

van der Kraaij, L.V. 1985. *Mapping the vulnerability to wind and water erosion in the dune area Meijendel* (in Dutch), unpublished M.Sc. dissertation, Amsterdam, ** [codn]

van der Laan, D. 1985. Spatial and temporal variation in the vegetation of dune slacks in relation to the ground-water regime, *Vegetatio*, **39** (1), 43-51. [codn dnveg]

van der Maarel, E. 1961. The zonation in landscape and vegetation of the dunes near Oostervoorne (in Dutch), *Levende Natuur*, **64**, 223-233. [dnveg codn]

van der Maarel, E. 1966. Dutch studies on coastal sand dune vegetation, especially in the delta region, *Wentia*, **15**, 47-82. [dnveg codn]

van der Maarel, E. 1975a. Observations sur la structure et la dynamique des dunes de Voorne (Pays Bas), in *Colloques phytosociologiques, 1, La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 167-183. [codn abstract in Busche *et al.*, 1984]

van der Maarel, E. 1975b. Small-scale changes in a dune grassland complex, in *Sukzessionforschung*, Ed. Schmidt, W., Cramer, Vaduz, 167-134. [dnveg codn]

van der Maarel, E. 1978. Experimental succession research in a coastal dune grassland. A preliminary report, *Vegetatio*, **38**, 21-28. [dnveg codn]

van der Maarel, E. 1979. Environmental management of coastal dunes in the Netherlands, in *Ecological processes in coastal environments*, Ed. Jefferies, R.L. and Davy, A.J., Blackwell, Oxford, 543-570. [dnuse dnveg codn biol b 6 bri]

van der Maarel, E. 1981. Fluctuations in a coastal dune grassland due to fluctuations in rainfall: experimental evidence, *Vegetatio*, **47**, 259-265. [codn dnveg]

van der Maarel, E., Boot, R., van Dorp, D. and Rijntjes, J. 1985. Vegetation succession on the dunes near Oostervoorne, the Netherlands: a comparison of the vegetation in 1959 and 1980, *Vegetatio*, **58** (3), 137-187. [codn dnveg]

van der Maarel, E., de Cock, N. and de Wildt, E. 1985. Population dynamics of some major woody species in relation to long-term succession on the dunes of Voorne, *Vegetatio*, **61** (1-3), 209-219. [codn dnveg]

van der Maarel, E. and Westhoff, V. 1964. The vegetation of the dunes near Oostervoorne (the Netherlands), with a vegetation map, *Wentia*, **12**, 1-64. [codn dnveg]

van der Merwe, C.R. 1954a. Kalahari and Sahara sandy soils, *Proceedings of the 5th International Congress of Soil Science*, Leopoldville, **4**, 117-123. [dnsol]

van der Merwe, C.R. 1954b. The soils of the desert and arid regions of South Africa, *Proceedings of the 2nd Inter-African Soil Conference*, **2**, 827-834. [sand dnsol]

van der Merwe, D., McLachlan, A. and Hesp, P.A., Eds. 1986. *Structure and function of sand dune ecosystems, Report*, **8**, Institute of Coastal Research, University of Port Elizabeth, ** pp. [codn dnveg]

- van der Meulen, F. 1982. Vegetation changes and water catchment in a Dutch coastal dune system, *Biological Conservation*, **24** (4), 305-316. [codn dnuse]
- van der Meulen, F. and Gourlay, M.R. 1969. Beach and dune erosion tests, *Proceedings of the 11th Coastal Engineering Conference*, London, **1**, American Society of Civil Engineers, New York, 701-707. [codn dnuse]
- van der Meulen, F., van der Hagen, H. and Kruijsen, B. 1987. *Campylopus introflexus*: invasion of a moss in Dutch coastal dunes, *Proceedings van het Koninklijke Akademie van Wetenschappen*, **C 90**, 73-80. [codn dnveg]
- van der Meulen, F. and Jungerius, P.D. 1989a. Landscape development in Dutch coastal dunes: the breakdown and restoration of geomorphological and geohydrological processes, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 219-229. [codn dnhyd]
- van der Meulen, F. and Jungerius, P.D. 1989b. The decision environment of dynamic dune management, in *Perspectives on coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Academic, The Hague, 133-140. [codn dnuse]
- van der Meulen, F., Jungerius, P.D. and Visser, J., Eds. 1989. *Perspectives in coastal dune management, Proceedings of the 1st Congress of the European Union of Dune Conservation and Coastal Management*, Leiden, September 1987, SPB Academic, The Hague, 335 pp. [codn dnuse geog e 20 meu?]
- van der Meulen, F. and van der Huis, J.C. 1985. *Dune landscape map of Meijndel*, Dune Water Works, The Hague, ** pp. [codn dnveg]
- van der Meulen, F. and van der Maarel, E. 1989. Coastal defence alternatives and nature development perspectives, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., *Proceedings of the 1st Congress of the European Union of Dune Conservation and Coastal Management*, Leiden, September 1987, SPB Academic, The Hague, 183-195. [codn dnuse geog e 20 meu]
- van der Meulen, F. and Wanders, F.A.J. 1984. Moving sand dunes: aspects of nature conservation and dune management in coastal dunes of Meijndel, The Netherlands, *De Levende Natuur*, **84**, 18-23. [codn dnveg dnuse]
- van der Meulen, F. and Wanders, F.A.J. 1985. Dynamics and management of some coastal dune woodlands near the Hague, the Netherlands, *Vegetatio*, **62** (5), 457-465. [dnveg codn]
- van der Meulen, F. and Wanders, F.A.J. 1987. Coastal dunes of Meijndel, The Netherlands: utilisation and conservation of land in densely populated environments, in *Vegetation ecology and the creation of new environments*, Eds. Miyawaki, A., Bogenrieder, A., Okuda, F. and White, J., Tokai University Press, Tokyo, 205-214. [codn dnuse]
- van der Meulen, F., Wanders, F.A.J. and van Huis, J.C. 1985. A landscape map for coastal dune management, Meijndel, The Netherlands, *ITC Journal*, (2), 85-92. [codn dnuse]
- van der Putten, W.H. 1989. *Establishment, growth and degeneration of Ammophila arenaria in coastal dunes*, Doctoral dissertation, Agricultural University, Wageningen, ** [codn dnveg]
- van der Putten, W.H., van Dijk, C. and Troelstra, S.R. 1988. Biotic soil factors affecting the growth and development of *Ammophila arenaria*, *Oecologia*, **76** (2), 313-320. [codn dnveg]
- van der Putten, W.H. and van Gulik, J.M. 1987. Stimulation of vegetation growth on raised coastal fore dune ridges, *Netherlands Journal of Agriculture*, **35** (2), 198-201. [codn dnveg]
- van der Sleen, W.G.N. 1913. Contributions to the knowledge of the chemical composition of the dune

- waters in connection with the geomorphological development of the ground (in Dutch), *Tijdschrift Koninklijk Nederlands Aardrijkskundig Genootschap*, **2**, **30**, 1-7. [dnuse dnhyd]
- van der Valk, A.G. 1975. The floristic composition and structure of fore-dunes plant communities of Cape Hatteras National Seashore, North Carolina, USA, *Chesapeake Science*, **16**, 115-126. [codn dnveg]
- van der Vegte, F.W., Faber, J. and Kuiters, L. 1985. Vegetation, land use management of the inner-dune zone in North-Holland Dune Reserve, the Netherlands, *Vegetatio*, **62** (1-3), 449-456. [codn dnveg]
- Van der Waals, L. 1967. Morphological phenomena on quartz grains unconsolidated sands, due to migration of quartz near the Earth's surface, *Mededelingen van de Nederlands Geologische Stichting*, **18**, 47-51.
- van der Walt, C.F.J. 1940. Roaring Sands, *South African Geographical Journal*, **22**, 35-39. [singing sand]
- van der Westhuyzen, J.J. 1957. Combatting sand dunes at Port Edward, *Farming in South Africa*, **33** (7), 37-39. [codn dnuse]
- van der Zande, A.N. 1989. Outdoor recreation and dune conservation in the Netherlands, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Scientific, The Hague, 207-216. [codn dnuse]
- van Dieren, J.W. 1932. The development of the dune landscape of Terschelling (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Tijdschrift*, **49** (2), 553-571. [codn]
- van Dieren, J.W. 1934. *Organogene Dünenbildung. Eine Geomorphologische Analyse der dünenlandschaft der West-Friesischen Insel Terschelling mit Pflanzensoziologischen Methoden*, Martinus Nijhof, The Hague, 304 pp. [codn dnveg]
- van Dijk, E. 1985. The impact of artificial dune infiltration in Dutch coastal dunes, *Biological Conservation*, **34** (2), 149-167. [codn dnuse dnhyd]
- van Dijk, E. 1989. Ecological impact of drinking-water production in Dutch coastal dunes, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Academic, The Hague, 163-182. [codn dnuse dnhyd]
- van Dijk, H.J.W. 1984. *Invloeden van oppervlakte-infiltratie ten behoeve van duinen*, ** pp. [codn dnhyd dnuse]
- van Dijk, H.W.J. 1989. Ecological impact of drinking-water production in Dutch coastal dunes, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Academic, The Hague, 163-182. [dnuse codn dnhyd]
- van Dijk, H.W.J. and de Groot, W.T. 1987. Eutrophication of coastal dunes by artificial infiltration, *Water Research*, **21** (1), 11-18. [codn dnuse dnhyd]
- van Dijk, H.W.J., Noordervliet, M.A.W. and de Groot, W.T. 1985. Nutrient supply of herbaceous bank vegetations in Dutch coastal dunes: the importance of nutrient mobilisation in relation to (artificial) infiltration, *Acta Botanica Neerlandica*, **34** (3), 301-321. [codn dnuse dnhyd dnveg]
- van Dijk, H.J.W., van Ommering, G., Runhaar, J., Salman, A.H. and Vertegaal, C.T.M. 1978. Invloed van waterwinning op natuurlijk duinmilieu, *Natuur en Milieu*, **2**, 3-10. [codn dnhyd dnuse]
- van Dissel, A. 1913. Stabilisation and exploitation of the dunes particularly in Schoorl and on Texel (in Dutch), *Tijdschrift voor Nederlandische Heidemaatsch*, **25** (6), Arnhem, ** [codn dnuse]
- van Dop, H., Nieuwstadt, F.T.M. and Hunt, J.C.R. 1985. Random walk models for particle displacements in inhomogeneous unsteady turbulent flow, *Physics of Fluids*, **28** (6), 1639-1653. [sdmo]

- van Dorp, C.T. and van Dijk, H.W.J. 1982. Recreation and dune vegetation. A momentary snapshot in a part of Berkheide (in Dutch), *Duin*, **5** (4), 3-10. [codn dnveg dnuse
- van Dorp, D., Boot, R. and van der Maarel, E. 1984. Vegetation succession on the dunes near Oostervoorne, The Netherlands, since 1934, interpreted from air photographs and vegetation maps, *Vegetatio*, **58**, 123-136. [codn dnveg
- van Eeden, F.W. 1874. List of plants which have been found in the Dutch dune belts (in Dutch), *Nederlandische Kruidkdilige Archiv*, (2) **1**, 360-451. [dnveg
- van Gelder, G. 1988. *Water repellency of dune sand*, unpublished M.Sc. dissertation, Amsterdam, 41 pp. [dnsol dnhyd
- van Genderen, J., Ten Haaf, C., Bakker, Th.W.M. and Nienhuis, P.R. 1989. *Les dunes de Mont Saint Frieux, plan d'aménagement et de gestions*, Ten Haaf and Bakker, Amsterdam, ** pp. [codn dnuse
- van Haren, R.W.J. 1965. Infiltration artificielle d'eau de riviere dans une dune, *Water*, **49** (5), 61-68. [codn dnuse dnhyd
- van Houten, F.B. 1973. Origin of red beds: a review, 1961-72, *Reviews of Earth and Planetary Science*, **1**, 39-61. [dnsol abstract in Busche *et al.*, 1984
- van Houten, J. 1939. The surface forms of the dune landscape of the Hague (in Dutch), *Koninklijk Nederlands Aardrijkskundig Genootschap Geografische Tijdschrift*, **2**, **56**, 1-50. [codn
- van Huis, J. 1989. European dunes, climate and climatic change, with case studies of the Coto Doñana (Spain) and the S_owinski (Poland) National Parks, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Scientific, The Hague, 313-326. [codn dnuse
- van Leeuen C.G. and van der Maarel, E. 1971. Patterns and processes in coastal dune vegetation, *Acta Botanica Neerlandica*, **20**, 191-198. [codn dnveg
- Vanmaercke-Gottigny, M.C. 1981. Some geomorphological implications of cryoeolian deposits in western Belgium, *Biuletyn Peryglacjalny*, **28**, 103-114. [stbdn
- Van Mourik, J.M., Ed. 1988. *Landschap in beweging: Ontwikkeling en bewoning van een stuifzandlandschap in de Kempen*, *Netherlands Geographical Studies*, **74**, ** [stbdn dnuse ?
- Vanney, J.R. and Menanteau, L. 1979. Types de reliefs littoraux et dunaires en Basse-Andalousie (de la Rio de Huelva a l'embouchure du Guadalquivir), *Mel. Casa Velasquez, FR.*, **15**, 5-52. [codn
- Vanney, J.R., Menanteau, L. and Zazo, C. 1979. Physiographie et évolution des dunes de Basse Andalousie, in *Les côtes atlantiques de l'Europe*, Ed. Guilcher, A., *Publications de la Centre national pour l'Exploration des Océans, Actes et Colloques*, **9**, 277-286. [codn
- Vanoni, V.A. 1964. *Measurements of critical shear stress for entraining fine sediment in a boundary layer*, Report, **KH-R-7**, Division of Engineering and Applied Science, California Institute of Technology, 47 pp. [sdmo
- van Rooyen, T.H. and Burger, R du T. 1974. Dispersal and sedimentary characteristics of sandy soil parent materials in semi-arid South Africa, *Zeitschrift für Geomorphologie, Supplement Band*, **20**, 69-90. [dnsol ? abstract in Busche *et al.*, 1984
- van Rooyen, T.H. and Verster, E. 1983. Granulometric properties of the roaring sands in the southeastern Kalahari, *Journal of Arid Environments*, **6** (3), 215-222. [singing sand

- van Steijn, J.A. 1933. *Dune afforestation* (in Dutch), unpublished Ph.D. dissertation, Wageningen, 318 pp. [dnuse dnveg]
- van Straaten, L.M.J.U. 1961. Directional effects of winds, waves and currents along the Dutch North Sea coast, *Geologie en Mijnbouw*, **40** (10), 333-346. [codn]
- van Straaten, L.M.J.U. 1965. Coastal barrier deposits in south and north Holland in particular in the areas around Scheveningen and Limuiden, *Mededelingen van de Nederlands Geologische Stichting*, NS **17**, 41-75. [codn]
- van Wijhe, D.H., Lutz, M. and Kaasscheiter, J.P.H. 1980. The Rotliegend in the Netherlands and its gas accumulations, *Geologie en Mijnbouw*, **59** (1), 3-24. [dnbed]
- van Zadelhoff, F.J. 1981. *Nederlandse kustduinen - Geobotanie*, dissertation, Centre for Agricultural Publication and Documentation (Pudoc), Wageningen, 121 pp. [codn dnveg]
- van Zinderen Bakker, E.M.Sr. 1980. Comparison of Late-Quaternary climatic evolution in the Sahara and Namib-Kalahari region, *Palaeoecology of Africa*, **12**, 381-394. [dune]
- Vats, P.C., Singh, S., Ghose, B. and Kaith, D.S. 1976. Types, orientation and distribution of sand dunes in Bikaner District, *The Geographical Observer*, **12**, 69-75.
- Vaychis, M.V. 1973. Surficially podzolised sandy soils on sand dunes in eastern Lithuania (in Russian), *Pochvovedeniye*, **9**, 3-10. [stbdn]
- Veblen, D.R., Krinsley, D.H. and Thompson, M. 1981. Transmission electron microscope study of quartz microstructures produced by eolian bombardment, *Sedimentology*, **28** (6), 853-858. [sand]
- Vedder, J.G. and Norris, R.M. 1963. *Geology of San Nicholas Island, California, United States Geological Survey, Professional Paper*, **369**, 65 pp. [codn]
- Veenbas, G., van der Laan, D. and van der Putten, W.H. 1989. Reinforcement of the coastal foredunes of Voorne (in Dutch), *Levende Natuur*, **90**, 170-173. [codn dnuse dnveg dnsol]
- Veenstra, H.J. 1982. Size, shape and origin of sands of the East Frisian Islands, (North Sea, Germany), *Geologie en Mijnbouw*, **61**, 141-146. [codn]
- Veenstra, H. 1988. The dunes of the wadden islands in geological view (in Dutch), *Duin*, **11**, 2-3, 66-70. [codn]
- Veenstra, H.J. and Winkelmolen, A.M. 1971. Directional trends in Dutch coversands, *Geologie en Mijnbouw*, **50** (3), 547-558. [stbdn]
- Veevers, J.J. and Rundle, A.S. 1979. Channel country alluvial sands and associated facies of central-eastern Australia: modern analogues of Mesozoic desert sands of South America, *Palaeogeography, Palaeoclimatology, Palaeoecology*, **26** (1), 1-16.
- Velde, G.Ten. 1983. Reboisement de Nouakchott: le problème de tous, *Arid Lands Newsletter*, **18**, 4-8. [dnuse abstract in Busche *et al.*, 1984 annexe]
- Velikanov, M** and Mikhailova, N.A. 1950. The effect of large-scale turbulence on pulsations of suspended sediment concentration, *Akademii Nauk, SSSR, Izvestiya, Seriya Geograficheskaya i Geologicheskaya*, **14**, 421-424. [sdmo]
- Vellinga, P. 1978. Movable bed tests on dune erosion, *Proceedings of the 16th Coastal Engineering Conference*, **2**, Hamburg, American Society of Civil Engineers, New York, 2020-2037. [codn sdmo]

Vellinga, P. 1982. Beach and dune erosion during storm surges, *Coastal Engineering*, **6**, 361-387. [dnuse codn

Vellinga, P. 1983. Predictive computational model for beach and dune erosion during storm surges, *Proceedings of the Conference on the Coastal Zone*, 1983, American Society of Civil Engineers, New York, 806-819. [codn dnuse

Vellinga, P. 1982. Beach and dune erosion during storm surges, *Coastal Engineering*, **6**, 361-387. [codn

Vellinga, P. 1983. Predictive computational model for beach and dune erosion during storm surges, *Proceedings of the Coastal Zone '83 Conference*, American Society of Civil Engineers, New York, 806-819. [codn

Vellinga, P. 1984. Movable-bed modelling law for coastal dune erosion, *Proceedings of the American Society of Civil Engineers, Journal of the Water, Ports, Coast and Ocean Engineering Division*, **110**, 495-504. [codn dnuse

Vellinga, P. 1986. *Beach and dune erosion during storm surges, Communication*, **372**, Delft Hydraulics Laboratory, 169 pp. [codn dnuse

Venkateswarlu, B. and Rao, A.V. 1981. Distribution of microorganisms in stabilized and unstabilized sand dunes of the Indian Desert, *Journal of Arid Environments*, **4** (3), 203-208. [dnveg abstract in Busche *et al.*, 1984

Venner, J. 1977. The eradication of *Hippophae rhamnoides* from Branton Burrows sand dune system, *Senior Warden Project*, Nature Conservancy Council, London, ** pp. [codn dnveg

Venzke, J.E. 1988. Untersuchungen zum Pufferungsvermögen von Böden aus Dünenökotopen ostfriesischer Inseln, *Das Beispiel Baltrum. Ber. Naturhist. Gesellschaft*, Hannover, **130**, 161-175. [codn

Verboom, W.C. 1974. The Barotse Loose Sand of the Western Province, Zambia, *Zambian Geographical Association Magazine*, **7** (4), 13-17. [stbdn dnbed

Verkaar, D. 1987. Raabjerg Mile, *Duin*, **10**, 117-119. [codn

Verlaque, Ch. 1958. Les dunes d'In Salah, *Travaux de l'Institut de Recherches sahariennes*, **17**, 12-58. [abstract in Busche *et al.*, 1984

Verstappen, H.Th. 1957. Short note on the dunes near Parangtritis (Java), *Tijdschrift van de Koninklijk Nederlands Aardrijkskundig Genootschap*, **74**, 1-6. [codn abstract in Busche *et al.*, 1984

Verstappen, H.Th. 1966. Landforms, water and land use west of the Indus Plain, *Nature and Resources*, **2**, United Nations Educational, Scientific and Cultural Organization (UNESCO), Paris, 6-8. [dune ?

Verstappen, H.Th. 1968a. On the origin of longitudinal (seif) dunes, *Zeitschrift für Geomorphologie*, NF **12** (2), 200-220. [abstract in Busche *et al.*, 1984

Verstappen, H.Th. 1968b. Geomorphology at the Central Arid Zone Research Institute, India, *Nature and Resources*, **4** (3), 6-9. [dune brief abstract in Busche *et al.*, 1984

Verstappen, H.Th. 1970. Aeolian geomorphology of the Thar Desert and palaeoclimates, *Zeitschrift für Geomorphologie, Supplement Band*, **10**, 104-120. [dune abstract in Busche *et al.*, 1984

Verstappen, H.Th. 1972a. On dune types, families and sequences in areas of unidirectional winds, *Göttinger geographische Abhandlungen*, **60**, 341-354. [abstract in Busche *et al.*, 1984

Verstappen, H.Th. 1972b. Orbital photographs and climatic geomorphology in Chad, *Palaeoecology of Africa*, **6**, 102. [stbdn dune

- Verstappen, H.Th., Ghose, B. and Pandey, S. 1969. *Landforms and resources in central Rajasthan (India), Results of a pilot survey, Publications, B 51*, International Training Centre, Delft, 20 pp. [dune stbdn]
- Verstrael, T. 1988. New golf courses in the dunes undesirable, *Duin*, **11** (1), 7-9. [dnuse codn]
- Veverka, J. 1975. Variable features on Mars. V. Evidence for some crater streaks produced by wind erosion, *Icarus*, **25** (4), 595-601. [dune]
- Veverka, J. 1975. Variable features on Mars. VII. Dark filamentary markings on Mars, *Icarus*, **27** (4), 495-502. [dune]
- Veverka, J., Cook, K. and Goguen, J. 1978. A statistical study of crater-associated wind streaks in the north equatorial zone of Mars, *Icarus*, **33** (3), 466-482. [dune]
- Veverka, J., Gierasch, P. and Thomas, P. 1981. Wind streaks on Mars: meteorological control of occurrence and mode of formation, *Icarus*, **45** (1), 154-166. [dune]
- Veverka, J., Sagan, C. and Greeley, R. 1976. Variable features on Mars, VI. An unusual crater streak in Mesogaea, *Icarus*, **27** (2), 241-253. [dune]
- Veverka, J., Sagan, C., Quam, L., Tucker, R. and Eross, B. 1974. Variable features on Mars. III. Comparison of Mariner 1969 and Mariner 1971 photography, *Icarus*, **21** (3), 317-368. [dune]
- Veverka, J., Thomas, P. and Greeley, R. 1977. A study of variable features on Mars during the Viking primary mission, *Journal of Geophysical Research*, **82** (28), 4167-4187. [dune]
- Veverka, J., Thomas, P. and Sagan, C. 1978. On the nature and visibility of crater-associated streaks on Mars, *Icarus*, **36**, 147-152. [dune]
- Veyisov, S. 1966. The mechanics of the formation of barchan chains, from experimental material (in Russian), *Izvestiya, Seriya Geograficheskaya*, **3**, Akademii Nauk, SSR, 66-70. [dune]
- Veyisov, S. 1968. Methods for studying the primary stages of eolian relief in shifting sands, *Izvestiya Seriya Geograficheskaya*, **3**, Akademii Nauk, SSR, 67-76. [dune]
- Veyisov, S. 1977. *Relief dynamics of barchan sands*, (in Russian). Ylym, Ashkhabad, 195 pp. [dune]
- Veyisov, S. 1981. Dynamics of barchan chains having moistened surfaces (in Russian), *Geomorfologiya*, **5**, 85-87. [dune or 1, 1971 ??]
- Veyisov, S. and Landik, A.P. 1974. The duration of the movement of sand grains in barchan relief (in Russian), *Izvestiya Seriya Geograficheskaya*, **5**, Akademii Nauk, SSR, 85-87. [sdmo dune]
- Vickers, W.W. 1959. Wind transport of Antarctic snow, *Transactions of the American Geophysical Union*, **40**, 162-167. [sdmo]
- Vigneron, H. 1938. Les effets du vent sur le sable, *La Nature*, **3028**, 14-17. [sand sdmo]
- Vincent, P.J. 1984. Particle size variation over a transverse dune in the Nefud as Sirr, central Saudi Arabia, *Journal of Arid Environments*, **7** (4), 329-336. [sand]
- Vincent, P.J. 1985. Some Saudi Arabian dune sands: a note on the use off the response diagram, *Zeitschrift für Geomorphologie*, **29** (1), 117-122.
- Vincent, P.J. 1986. Differentiation of modern beach and coastal sands - a logistic regression approach using the parameters of the log-hyperbolic function, *Sedimentary Geology*, **49**, 167-176.

Vincent, P.J. 1988. The response diagram and sand mixtures, *Zeitschrift für Geomorphologie*, NF **32** (2), 221-226. [sand]

Vincent-Cuaz, L. 1958. Les barkhanes de Mauritanie - ont-elles toujours existé ? *Bulletin de Liaison saharienne*, **10** (30), 141-147. [dune]

Vine, H. 1987. Wind-blown materials and W. African soils: an explanation of the 'ferallitic soil over loose sandy sediments' profile, in *Desert sediments: ancient and modern*, Eds. Frostick, L.E. and Reid, I., *Special Publication*, **35**, Geological Society of London, Blackwell, Oxford, 171-186. [dune]

Vink, A.P.A. 1945. *Contribution to the knowledge of the loess and cover-sands in particular of the southeastern Veluwe*, Veenman, Wageningen, ** pp. [stbnd, same as: 1949. *Bijdrage tot de kennis van loess en dekzanden. In het bijzonder de zuid-oostelijke Veluwe*, Stiboka, H. Veenman and Zon, Wageningen, 147 pp. ??]

Vinogradov, B.V. and Grigorev, A.A. 1970. The use of satellite images for the study of the exogenous forms of relief, *Izvestiya Vestnik Geograficheskoe Observatsionnoye Upravleniye*, **102**, ** [dune?]

Visher, G.S. 1969. Grain size distributions and depositional processes, *Journal of Sedimentary Petrology*, **39** (3), 1074-1106. [sand]

Visher, G.S. 1971. Depositional processes and the Navajo Sandstone, *Bulletin of the Geological Society of America*, **82** (5), 1421-1423. [sand]

Vita-Finzi, C. 1971. Heredity and environment in clastic sediments: silt/clay depletion, *Bulletin of the Geological Society of America*, **82** (1), 187-190. [sand]

Vizier, J.F. 1983. *Etude des phénomènes d'hydromorphie dans les sols des régions tropicales à saisons contrastées*, Office de Recherches scientifiques et techniques de l'Outre Mer (ORSTOM), Paris, ** [dune]

Voelcker, I. 1937a. Schwermineraluntersuchungen der Sande der Düne von Helgoland, *Geologie der Meere und Binnengewässer*, **1**, 5-21. [sand]

Voelcker, I. 1937b. Geröllwanderung an der Düne von Helgoland, *Kieler Meeresforschung*, **1**, 332-334. [sand]

Vogel, G. 1966. Sandflugsicherung abgelagerter Bodenmassen durch Bitumen, *Bitumen*, **28** (4), 114-116. [glue]

Völkel, J. 1989a. Formation of dunes and pedogenesis as palaeoclimatic indicators in the eastern part of the Republic of Niger (Sahara and Sahel), in *Palaeoecology of Africa and the surrounding islands*, **20**, Ed. Heine, K., Balkema, Rotterdam, 37-54. [stbnd]

Völkel, J. 1989b. Geomorphologische und pedologische Untersuchungen zum jungquartären Klimawandel in den Düngeländern Ost-Nigers (Südsahara und Sahel), *Bonner geographische Abhandlungen*, **79**, 258 pp. [dune]

Volkov, I.A. 1955. Air flow patterns behind barchans (in Russian), *Vsesoiuznoye Geograficheskoe Observatsionnoye Upravleniye, SSSR, Izvestiya*, Leningrad, **87**, 284-287. [quoted in *Meteorological Abstracts*, **8**, 1957. 334]. [dune]

von Baschin, O. 1899. Die Entstehung wellenähnlicher Oberflächenformen, *Zeitschrift für Gesellschaft für Erdkunde zu Berlin*, III, **34**, 408-421. [dune]

von Baschin, O.J. 1900. Die Entstehung der Dünen, *Centralblatt der Bauverwaltung*, **XX**, Jahrbuch, **38**, 251-232. [dune]

von Baschin, O.J. 1903. Dünenstudien, *Zeitschrift Gesellschaft für Erdkunde zu Berlin*, **38** (6), 442-430. [abstracted in *Geographical Journal*, **23**, 588. dune

von Behrmann, W. 1934. Die Wirkungen des Windes und der dadurch erzeugte Formenschatz, *Handbuch der geographischen Wissenschaften, Allgemeine Geographie*, **1**, Wildpark, Potsdam, 485-501. [sdmo dune

von Bülow, K. 1929b. Beiträge zur Kenntnis des Alluviums in Pommern. V. Postglaziale Senkung und Dünenbildung im nord-osten-hinterpommerschen Küstenbereich, *Jahrbuch der preußischen geologischen Landesamts*, **50** (1), 125-134. [stbdn

von Bülow, K. 1930. Allgemein-geologische Beobachtungen im Wanderdünengebiet der Lebasee-Nehrung in Ostpommern, *Jahrbuch des preußischen geologischen Landesamts*, **50** (2), 592-606. [codn dune

von Bülow, K. 1931. Der Werdegang unserer Wanderdünen, *Heimatkal. Lauenbg.*, 82-85. [codn dune

von Bülow, K. 1933. Vierjährige Beobachtungen an den Wanderdünen auf der Nehrung des Lebasees, *Vorläufiger Bericht. Jahrbuch der preussischen geologischen Landesamts*, **54**, 151-159. [dune codn or 1934 ??

von Cholnoky, E. 1902. Die Bewegungsgesetze des Flugsandes, *Földtani Közlöny*, **32**, 106-143. [dune stbdn sdmo see also Schirmer, H. 1903

von Cholnoky, E. 1907. Über die Lagereränderungen des Tiszabeltes, *Foldrajzi Közlemenyek*, **35**, ** [dune?

von Cholnoky, E. 1910. Die Oberflächengestalt des Alfold, *Foldrajzi Közlemenyek*, **38**, ** [dune?

von Engelhardt, W. 1939/40. Die Unterscheidung wasser- und windsortierter Sande auf Grund der Korngrößenverteilung ihrer und schweren Cementeile, *Chemie der Erde*, **12**, 451-465. [sdmo or 1940??

von Kármán, T. 1934. Turbulence and skin friction, *Journal of Aeronautical Science*, **1**, 1-20. [sdmo

von Kármán, T. 1935. Some aspects of the turbulence problem, *Proceedings of the 4th International Congress on Applied Mechanics*, Cambridge, 54-91. [sdmo

von Kármán, T. 1937. Turbulence, *Journal of the Royal Aeronautical Society*, **41**, 1109-1143. [sdmo

von Kármán, T. 1947. Sand ripples in the desert. An aerodynamic approach to a baffling natural phenomenon, *Technion Yearbook*, 1947, 52-54. also in *Collected works*, **4**, Butterworth, London, 352-356. [abstract in Busche *et al.*, 1984

von Kármán, T. 1953. Considérations aérodynamiques sur la formation des ondulations de sable, in *Actions éoliennes, phénomènes d'évaporation et d'hydrologie superficielle dans les régions arides, Colloques internationaux*, **35**, Centre nationale de la Recherche scientifique (CNRS), Paris, 103-108. [dune

von Kármán T. 1954. *Aerodynamics*, Cornell University Press, Ithaca, NY, 203 pp. [sdmo eng gh 30

von Kármán, T. 1956. *Collected works*, 4 volumes, Butterworth, London, 388 pp. [sdmo ripple

von Kármán T. and Lee, E. 1967. *The wind and beyond: Theodore von Karman, pioneer in aviation and pathfinder in space*, Little Brown, Boston, 370 pp. [sdmo

von Maack, P.H.K. 1865. Die Dünen Jutlands, *Zeitschrift der All. Erdkunde*, NF **19**, 198-237. [stbdn codn ?

- von Pfadenhauer, J. 1980. Die Vegetation der Küstendünen von Rio Grande du Sul, Südbrasilien, *Phytoceonologia*, **8** (3-4), 321-364. [dnveg]
- von Tschudi, J.J. 1848. *Travels in Peru, 1838-1842*, ** New York, ** [dune]
- von Wichdorf, H.H. 1915. Über Flugsandebenen an der Ostseeküste im Nördlichen Ostpreußen, *Jahrbuch der preußischen geologischen Landesamts*, **36** (1), 525-544. [sdmo]
- von Wichdorf, H.H. 1923. Zur Erkenntnis der alten Parabeldünen der Kurischen Nehrung als Grundlage der neuzeitlichen Wanderdünen, *Jahrbuch der preußischen geologischen Landesamts*, **44**, 280. [codn stbdn]
- Voritsch, W. and Lindstrom, M. 1980. Surface structures formed by wind activity on a sandy beach, *Geological Magazine*, **117** (5), 491-496. [sdmo ripple ?]
- Vossmerbäumer, H. 1974. Grain-size data of some aeolian sands: inland dunes in Franconia (southern Germany), Algeria, Iran; a comparison, *Geologiska Föreningens i Stockholm Förhandlingar*, **9 b**, 261-274. [stbdn dune or 1-74 ??]
- Vossmerbäumer, H. 1976. Granulometrie quartarrer äolische Sande in Mitteleuropa, *Zeitschrift für Geomorphologie*, NF **20** (1), 78-96. [stbdn sand abstract in Busche *et al.*, 1984]
- Vreeken, W.J. 1989. Late Quaternary events in the Lethbridge area, Alberta, *Canadian Journal of Earth Science*, **26** (3), 551-560. [dune stbdn ?]
- Vroman, J. 1944. The petrology of sandy sediments of Palestine, *Bulletin*, **5**, Geology Department, Hebrew University, 1-11. [dune codn]
- Vugts, H.F. and Cannemeijer, F. 1981a. Measurement of drag coefficients and roughness lengths at a sea-beach interface, *Journal of Applied Meteorology*, **20** (3), 335-340. [sdmo or **60** ?? abstract in Busche *et al.*, 1984 annexe]
- Vugts, H.F. and Cannemeijer, F. 1981b. Interaction between wind and sand surface, *Geologie en Mijnbouw*, **60**, 395-399. [sdmo]
- Wachs, H. 1933. In den Wanderdünen der Leba-Nehrung, *Abhandel Berichte der pommeranische Naturforschung Gesellschaft, Dohniana*, **12**, 179-185. [dune codn]
- Wade, A. 1911. Some observations on the Eastern desert of Egypt with considerations bearing upon the origin of the British Trias, *Quarterly Journal of the Geological Society of London*, **67**, 238-262. [dnbed]
- Wadell, H. 1932. Volume, shape and roundness of rock particles, *Journal of Geology*, **40** (5), 443-451. [sand]
- Wadell, H. 1933. Sphericity and roundness of rock particles, *Journal of Geology*, **41** (3), 310-331. [sand]
- Wadell, H. 1935. Volume, shape and roundness of quartz particles, *Journal of Geology*, **43** (3), 250-280. [sand]
- Wagner, R.H. 1964. The ecology of *Uniola paniculata* L. in the dune-strand habitat of North Carolina, *Ecological Monographs*, **34** (1), 79-96. [dnveg codn]
- Wahab, A.M.A. 1975. Nitrogen fixation by *Bacillus* strains isolated from the rhizosphere of *Ammophila arenaria*, *Plant and Soil*, **42**, 703-708. [codn dnveg]
- Waite, M.B.C. 1969. *Desert dunes of the Kermit Sand Hills, Winkler County, Texas*, unpublished, M.Sc. dissertation, University of Texas, 90 pp.

- Wakeman, R.J. 1975. Packing density of particles with log-normal size distributions, *Powder Technology*, **11**, 297-299. [sand]
- Walger, E. 1964. Zur Darstellung von Korngrößenverteilungen, *Geologische Rundschau*, **54** (2), 976-1002. [sand]
- Walger, E. 1966. Untersuchungen zum Vorgang der Transportsonderung von Mineralen am Beispiel von Sandsanden der westlichen Östsee, *Meyniana*, **16**, 55-106. [sdmo codn ?]
- Walker, A.S. 1986. Eolian landforms, in *Geomorphology from space: a global overview of regional landforms*, Ed. Short, N.M., *Special Publication*, **486**, National Aeronautics and Space Administration (NASA), Washington, DC, 447-520. [dune]
- Walker, A.S., Olsen, J.W. and Bagen 1987. The Badain Jaran Desert: remote sensing investigations, *Geographical Journal*, **153** (2), 205-210. [dune sic Bagen]
- Walker, G.P.L. 1984. Characteristics of dune-bedded pyroclastic bedsets, *Journal of Volcanology and Geothermal Research*, **20**, 281-296. [dnbed]
- Walker, H.J. 1965. Arctic sand dunes: process and form (abstract), *Annals of the Association of American Geographers*, **55** (4), 654. [stbdn abstract in Niessen, *et al.* 1984]
- Walker, H.J. 1967. Riverbank dunes in the Colville Delta, Alaska, *Coastal Studies Bulletin*, **1**, Louisiana State University Press, Baton Rouge, 7-14. [stbdn abstract in Niessen, *et al.* 1984]
- Walker, H.J. 1975. Intermittent Arctic streams and their influence on landforms, *Catena*, **2** (1-2), 181-192. [dune abstract in Busche *et al.*, 1984 annexe]
- Walker, H.J. and Arnborg, L. 1964. Morphology of sand dunes in an Arctic delta, *20th International Geographical Congress, Abstracts of Papers*, London, 116.
- Walker, H.J. and Matsukura, Y. 1979. Barchans and barchan-like dunes as developed in two contrasting areas with restricted source regions, *Annual Report*, **5**, Institute of Geosciences, University of Tsukuba, 43-46. [dune codn abstract in Busche *et al.*, 1984]
- Walker, J., Thompson, C.H., Fergus, I.F. and Tunstall, B.R. 1981. Plant succession and soil development in coastal sand dunes of subtropical eastern Australia, in *Forest succession: concepts and applications*, Eds. West, D.C., Shugart, H.H. and Botkin, D.B., Springer-Verlag, New York, 107-131. [dnsol dnveg codn]
- Walker, J.D. and Southard, J.B. 1982. Experimental study of wind ripples (abstract), *Proceedings of the 11th Congress, International Association of Sedimentologists*, Hamilton, Ontario, 65.
- Walker, J.D. and Southard, J.B. 1984. A sticky-surface sand trap for sampling aeolian saltation load, *Journal of Sedimentary Petrology*, **54** (2), 652-553. [sdmo]
- Walker, N.S.W. 1982. Aeolian landforms in the Cobar-Tilpa area, in *Quaternary dust mantles of China, New Zealand and Australia*, Ed. Wasson, R.J., Department of Biogeography and Geomorphology, Australian national University, Canberra, 197-199. [dune stbdn]
- Walker, R.G. 1963. Distinctive types of ripple-drift cross-lamination, *Sedimentology*, **2**, 173-188. [dnbed]
- Walker, R.G. 1969. Geometrical analysis of ripple-drift cross-lamination, *Canadian Journal of Earth Sciences*, **6**, 383-391. [dnbed]
- Walker, R.G. and Middleton, G.V. 1977. Facies models 9: eolian sands, *Geoscience*, **4**, (4), 182-190. [dune dnbed and Facies models, *Geoscience Canada Reprint Series*, **1**, 1981 33-41 ?? abstract in Busche *et al.*, 1984]

- Walker, T.R. 1979. Red color in dune sand, in *A study of global sand seas*, Ed. McKee, E.D., *United States Geological Survey, Professional Paper*, **1052**, 61-81. [dnsol abstract in Busche *et al.*, 1984]
- Walker, T.R. and Harms, J.C. 1972. Eolian origin of Flagstone Beds, Lyons Sandstone, Boulder County, Colorado, *Mountain Geologist*, **9**, 279-288. [dnbed]
- Walker, T.R. and Honea, R.M. 1969. Iron content of modern deposits in the Sonoran Desert: a contribution to the origin of red beds, *Bulletin of the Geological Society of America*, **80** (3), 535-544. [dnsol]
- Wallén, B. 1980. Changes in structure and function of *Ammophila* during primary succession, *Oikos*, **34** (2), 227-238. [Bo codn dnveg]
- Wallington, C.E. 1968. A method of reducing observing and procedure bias in wind-direction frequencies, *Meteorological Magazine*, **97** (10), 293-302. [sdmo]
- Walmsley, J.L. and Howard, A.D. 1985. Application of a boundary-layer model to flow over an eolian dune, *Journal of Geophysical Research*, **90** (D6), 10.631-10.640.
- Walmsley, J.L., Salmon, J.R. and Taylor, P.A. 1982. On the application of a model of boundary-layer flow over low hills to real terrain, *Boundary-Layer Meteorology*, **23**, 3-17. [dune]
- Walsh, B.N. 1968. *Some notes of the incidence and control of drift sands along the Caledon, Bredasdorp and Riversdale coastline of South Africa*, *South African Department of Forestry Bulletin*, **44**, Pretoria, 79 pp. [codn dnuse]
- Walter, W. 1950. Dünenstudien im Schwanheimer Wald bei Frankfurt. Über den Einfluss elektrischer Raumladung bei Flugsanden und ihre Bedeutung für die Dünenbildung, *Rhein-Mainische Forschung*, **28**, ** [stbdn dune right vol ?? sdmo]
- Walter, W. 1951a. L'influence des facteurs physiques sur la morphologie des sables éoliens et des dunes, *Revue de Géomorphologie dynamique*, **2** (6), 242-258. [comment by Cailleux *Ibid.*, 1952, **3**, 99-100.
- Walter, W. 1951b. Neue morphologische-physikalische Erkenntnisse über Flugsand und dünen, *Rhein-Mainische Forschung*, **13**, 34 pp. [sdmo dune abstract in Busche *et al.*, 1984]
- Walther, J. 1909. Über die geologische Thatigkeit des Windes, *Naturwissenschaftlichen Wochenschr. Berlin*, **16**, 431-432. [dune ?]
- Wanders, E. 1989. Perspectives in coastal-dune-management: towards a dynamic approach, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J.H., SPB Academic, The Hague, 141-150. [codn dnuse]
- Wang An-Chi 1960. Quaternary research in China (in Russian), *Akademii Nauk, SSR, Izvestiya, Seriya Geograficheskaya*, **2**, 123-126. [dune stbdn ?]
- Wang, C. and Komar, P.D. 1985. The sieving of heavy-mineral sands, *Journal of Sedimentary Petrology*, **55** (4), 479-482.
- Wang Yunzhong, *et al.* 1983. Experiments on air-sowing of sand-fixing plants in In Ju League, Inner Mongolia, *Zhong Guo Sha Mo (Journal of Desert Research)*, **3**, 36-40. [dnuse]
- Wangerin, W. 1921a. Beobachtungen über die Entwicklung der Vegetation in Dünentälern I., *Berichte der deutsches Botansiche Gesellschaft*, Königsberg, **39**, 365-370. [dnveg]
- Ward, A.W. and Doyle, K.B. 1983. Speculation on Martian North Polar wind circulation and the resultant orientation of polar sand dunes, *Icarus*, **55** (3), 420-431.

Ward, A.W., Doyle, K.B., Helm, P.J., Weisman, M.K. and Witbeck, N.E. 1985. Global map of eolian features on Mars, *Journal of Geophysical Research*, **90** (B2), 2038-2056. [dune]

Ward, J.D. 1983. Sand dynamics along the Kuiseb River, in *The Kuiseb environmental project: the development of a monitoring baseline*, Ed. Huntley, B.J., *Project*, **68**, South African National Science Programme, ** [sdmo dune or ** Von Brunn, V. 1985. Sand dynamics along the Kuiseb River, in *The Kuiseb environment*, Ed. Huntley, B.J., *Report*, **106**, South African National Scientific Programmes, 51-72.

Ward, J.D. 1984a. *Aspects of the Cenozoic geology in the Kuiseb valley, central Namib Desert*, unpublished Ph.D. dissertation, University of Natal, 310 pp. [dune and rates of dune movement]

Ward, J.D. 1984b. A reappraisal of the Cenozoic stratigraphy in the Kuiseb valley of the central Namib Desert. in *Late Cainozoic palaeoclimates of the southern hemisphere*, Ed. Vogel, J.C., *Proceedings of SASQUA Conference*, Swaziland, 1983, Balkema, Rotterdam, 455-463. [dune]

Ward, J.D. 1988. Eolian, fluvial and playa (pan) facies of the Tertiary Tsondab sandstone formation in the central Namib desert, Namibia, *Sedimentary Geology*, **55** (1-2), 143-162. [dnbed]

Ward, J.D. and Seely, M.K. 1989. *Geomorphological aspects of dunes in the central Namib Desert*, Symposium on Dunes 1989, *Excursion Guidebook*, **A 1**, 95 pp.

Ward, W.C. 1973. Influence of climate on the early diagenesis of carbonate eolianites, *Geology*, **1** (4), 171-174. [dnbed codn dnsol]

Ward, W.C. 1975. Petrology and diagenesis of carbonate eolianites of northeastern Yucatan Peninsula, Mexico, in *Belize shelf: carbonate sediments, clastic sediments and ecology*, Eds. Wantland, K.F. and Pusey, W.C.III, American Association of Petroleum Geologists, 500-571. [dnbed codn dnsol]

Ward, W.T. 1966. Geology, geomorphology and soils of the southwestern part of County Adelaide, South Australia, *Soils Publication*, **23**, Commonwealth Scientific and Industrial Organization (CSIRO), ** pp. [dnsol codn]

Ward, W.T. 1977. Sand movement on Fraser Island, *Occasional Papers in Anthropology*, **8**, University of Queensland, 113-126. [dune codn sdmo]

Ward, W.T. and Grimes, K.G. 1987. History of coastal dunes at Triangle Cliff, Fraser Island, Queensland, *Australian Journal of Earth Science*, **34** (3), 325-333. [codn]

Ward, W.T. and Grimes, K.G. 1988. Reply: history of coastal dunes at Triangle Cliff, Fraser Island, Queensland, *Australian Journal of Earth Science*, **35** (4), 583-587. [codn]

Ward, W.T. and Little, F.P. 1975. Times of coastal accumulation in southeast Queensland, *Proceedings of the Ecological Society of Queensland*, **9**, 313-317. [codn]

Ward, W.T., Little, F.P. and Thompson, C.H. 1979. Stratigraphy of two sandrocks at Rainbow Beach, Queensland, and some notes on humate composition, *Palaeogeography, Palaeoclimatology, Palaeoecology*, **26**, 305-316. [dnbed codn]

Warming, E. 1906. *Dansk plantevaekst. I. Strandvegetationen*, Nordisk Forlag, København, 325 pp. [codn dnveg or Glydendal, København ??]

Warming, E. 1909. *Dansk plantevaekst. II. Klittern*, Nordisk Forlag, København, 224 pp. [codn dnveg or Glydendal, København ??]

Warner, D.M. and El-Baz, F. 1979. Monte Desert of San Juan, Argentina as photographed by ASTP, in *Apollo-Soyuz test project, summary science report. 2. Earth observations and photography*, Eds. El-Baz,

- F. and Warner, D.M., *Special Publication*, **SP-412**, National Aeronautics and Space Administration (NASA), Washington, DC, 301-318. [dune?]
- Warren, A. 1964. The dunes of Kordofan, *Hunting Group Review*, **3**, 419-421.
- Warren, A. 1968a. Dune volume and trend measurements in the Nebraska Sand Hills, *Proceedings of the Nebraska Academy of Sciences*, **78**, 23.
- Warren, A. 1968b. *The Qoz region of Kordofan*, Ph.D. dissertation, University of Cambridge, 272 pp. and folio. [stbdr]
- Warren, A. 1969a. A bibliography of inland and desert dunes, *Nauchii Socet Po Problemy Pustin*, Akademii Nauk, Turkmenskoi SSR, Ashkhabad, (2,3,5,6), 86-88; 92-95; 88-91; 76-85.
- Warren, A. 1969b. A bibliography of desert dunes and associated phenomena, in *Arid lands in perspective* Eds. McGinnies, W.G. and Goldman, B.J., University of Arizona Press and American Association for the Advancement of Science, Tucson, AZ, 75-100.
- Warren, A. 1970. Dune trends and their implications in the central Sudan, *Zeitschrift für Geomorphologie, Supplementband*, **10**, 154-179. [abstract in Busche *et al.*, 1984]
- Warren, A. 1971. The dunes of the Ténéré Desert, *Geographical Journal*, **137** (4), 458-461. [abstract in Busche *et al.*, 1984]
- Warren, A. 1972. Observations on dunes and bimodal sands in the Ténéré Desert, *Sedimentology*, **19** (1), 37-44.
- Warren, A. 1974a. Desert dunes, *Geography*, **59** (2), 127-133.
- Warren, A. 1974b. Sand dunes, *Encyclopedia Britannica*, **11th** Edition, 208-212.
- Warren, A. 1976a. Morphology and sediments of the Nebraska Sand Hills in relation to Pleistocene winds and the development of eolian bedforms, *Journal of Geology*, **84** (6), 685-700. [stbdr]
- Warren, A. 1976b. Dune trend and the Ekman spiral, *Nature*, **259** (5545), 653-54. [abstract in Busche *et al.*, 1984]
- Warren, A. 1979. Aeolian Processes, in *Geomorphological processes*, Eds. Embleton, C. and Thornes, J.E., Edward Arnold, London, 325-351. [sdmo dune]
- Warren, A. 1988a. The dunes of the Wahiba Sands, in *Scientific results of the Royal Geographical Society's Oman Wahiba Sands project 1985-1987*, Ed. Dutton, R., *Journal of Oman Studies, Special Report*, **3**, 131-160.
- Warren, A. 1988b. The dynamics of network dunes in the Wahiba Sands: a progress report, in *Scientific results of the Royal Geographical Society's Oman Wahiba Sands project 1985-1987*, Ed. Dutton, R., *Journal of Oman Studies, Special Report*, **3**, 169-181.
- Warren, A. 1988c. A note on vegetation and sand movement in the Wahiba Sands, in *Scientific results of the Royal Geographical Society's Oman Wahiba Sands project 1985-1987*, Ed. Dutton, R., *Journal of Oman Studies, Special Report*, **3**, 251-255. [sdmo dntveg]
- Warren, A., Jones, D.K.C., Goudie, A.S. and Cooke, R.U. 1985. Preliminary remarks on the Geomorphology and Quaternary History of the Wahiba Sands, in *Mapping phase report, Oman, Wahiba Sands Project*, Royal Geographical Society, London, 47-137.
- Warren, A. and Kay, S.A.W. 1986. Dune movement, in *Rapid response report, Oman Wahiba Sands Project*, Ed. Dutton, R.W., Royal Geographical Society, London, Chapter 4.2., 26 pp.

- Warren, A. and Kay, S.A.W. 1987. The dynamics of dune networks, in *Desert sediments*, Eds. Frostick, L.E. and Reid, I., *Special Publication*, **35**, Geological Society of London, Blackwell, Oxford, 205-212. [geol e 58 fro]
- Warren, A. and Knott, P. 1983. Desert dunes: a short review of needs in desert dune research and a recent study of micrometeorological dune-initiation mechanisms, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, 343-352.
- Warren, A. and Mainguet, M. 1982. Defences against the aeolian threat, *Geographical Magazine*, **54** (3), 165-167. [dnuse abstract in Busche *et al.*, 1984]
- Warren, J.K. 1983. On pedogenetic calcrete as it occurs in the vadose zone of Quaternary calcareous dunes in coastal South Australia, *Journal of Sedimentary Petrology*, **53** (3), 787-796. [codn dnsol]
- Warren, P.L. and Schwalbe, C.R. 1986. The Chihuahuan Desert, in *Arizona*, Ed. Miller, T., University of Arizona Press, Tucson, AZ, 114-131. [dune]
- Waskom, J.D. 1958. Roundness as an indicator of environment along the coast of Panhandle Florida, *Journal of Sedimentary Petrology*, **28** (3), 351-360. [sand]
- Wasson, R.J. 1976. Holocene aeolian landforms of the Belarabon area S.W. of Cobar, N.S.W., *Journal and Proceedings of the Royal Society of New South Wales*, **109**, 91-101. [dune stbdn]
- Wasson, R.J. 1983a. Dune sediment types, sand colour, sediment provenance and hydrology in the Strzelecki-Simpson Dunefield, Australia, in *Eolian sediments and processes*, Eds. Brookfield, M.E. and Ahlbrandt, T.S., *Developments in Sedimentology*, **38**, Elsevier, Amsterdam, 165-195. [dnhyd dnsol]
- Wasson, R.J. 1983b. The Cainozoic history of the Strzelecki and Simpson dune fields (Australia), and the origin of the desert dunes, *Zeitschrift für Geomorphologie, Supplement Band*, **45**, 85-115. [abstract in Busche *et al.*, 1984]
- Wasson, R.J. 1984a. ** dating dune sands with TL **, in *Quaternary studies in Australia*, Ed. Wilford, G.E., Bureau of Mineral Resources, Geology and Geophysics, Record **1984/14**, ** [stbdn]
- Wasson, R.J. 1984b. Late Quaternary palaeoenvironments in the desert dunefields of Australia, in *Late Cainozoic palaeoclimates of the southern hemisphere*, Ed. Vogel, J.C., Balkema, Rotterdam, 419-432.
- Wasson, R.J. 1984c. *Post-conference excursion notes, Strzelecki dunefield, 2nd Conference, Broken Hill, Australia-New Zealand Geomorphology Group*, 30 pp. [dune]
- Wasson, R.J. 1986. Geomorphology and Quaternary history of the Australian continental dunefields, *Geographical Review of Japan*, **B 59**, 53-67.
- Wasson, R.J. 1987. Desert dune building, dust raising and palaeoclimate in the southern hemisphere during the last 280 000 years, in *Proceedings of the 3rd Symposium on Late Quaternary Climatic History of Australia*, Eds. Donnelly, T.H. and Wasson, R.J., Melbourne, 123-137. [stbdn]
- Wasson, R.J., Fitchett, K., Mackey, B. and Hyde, R. 1988. Large-scale patterns of dune-type, spacing and orientation in the Australian continental dunefield, *Australian Geographer*, **19** (1), 89-104.
- Wasson, R.J. and Hyde, R. 1982. A test for the granulometric control of desert dune geometry (abstract), *11th International Congress on Sedimentology*, 66. [sand]
- Wasson, R.J. and Hyde, R. 1983a. A test for the granulometric control of desert dune geometry, *Earth Surface Processes and Landforms*, **8** (4), 301-312. [sand abstract in Busche *et al.*, 1984 annexe]
- Wasson, R.J. and Hyde, R. 1983b. Factors determining desert dune type, *Nature*, **304** (5924), 337-339.

- Wasson, R.J. and Hyde, R. 1984. Reply to D.M. Rubin on factors determining desert dune type, *Nature*, **309** (5963), 92.
- Wasson, R.J. and Nanninga, P.M. 1986. Estimating wind transport of sand on vegetated surfaces, *Earth Surface Processes and Landforms*, **11** (5), 505-514. [sdmo]
- Wasson, R.J., Rajaguru, S.N., Misra, V.N., Agarwal, D.P., Dhir, R.P., Singhvi, A.K. and Kameswara Rao, K. 1983. Geomorphology, Late Quaternary stratigraphy and palaeoclimatology of the Thar dune field, *Zeitschrift für Geomorphologie, Supplement Band*, **45**, 117-151. [stbdn abstract in Busche *et al.*, 1984]
- Waterman, W.G. 1923. Development of root systems under dune conditions, *Botanical Gazette*, **68**, 22-58. [codn dnsol dnveg]
- Watkinson, A.R. and Davy, A.J. 1985. Population biology of salt-marsh and sand-dune annuals, *Vegetatio*, **62**, 487-497. [codn dnveg]
- Watkinson, A.R., Huiskes, A.H.L. and Noble, J.C. 1979. The demography of sand dune species with contrasting life cycles, in *Ecological processes in coastal environments*, Eds. Jeffries, R.L. and Davy, A.J., Blackwell, Oxford, 95-112. [codn dnveg]
- Watling, R. and Rotheroe, M. 1989. Macrofungi of sand dunes, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 111-126. [codn dnveg]
- Watson, A. 1985. The control of wind blown sand and moving dunes: a review of the methods of sand control in deserts, with observations from Saudi Arabia, *Quarterly Journal of Engineering Geology*, **18** (3), 237-252. [dnuse]
- Watson, A. 1986. Grain-size variations on a longitudinal dune and a barchan dune, *Sedimentary Geology*, **46** (1), 49-66. [sand]
- Watson, A. 1987. Discussion: Variations in wind velocity and sand transport on the windward flanks of desert sand dunes, *Sedimentology*, **34** (3), 511-520.
- Watson, C.L. and Letey, J. 1970. Indices for characterising water repellency based upon contact angle-surface tension relationships, *Proceedings of the Soil Science Society of America*, **34** (6), 841-844. [dnsol dnhyd]
- Watson, W. 1918. Cryptogamic vegetation of sand dunes of the west coast of England, *Journal of Ecology*, **6** (2), 126-143. [codn dnveg]
- Watt, A.S. 1937. On the origin and development of blowouts, *Journal of Ecology*, **25**, 91-112. [codn cecol]
- Watt, B.G. 1973. Dune stabilization following mineral sand mining along the NSW coastline, *1st Australian Conference on Coastal and Ocean Engineering*, Sydney, 148-150. [codn dnuse abstract in Busche *et al.*, 1984]
- Watt, B.G. 1977a. Coastal dune stability: the effect of meteorological conditions and vegetation, *International Journal of Biometeorology*, **21** (3), 189-202. [codn abstract in Busche *et al.*, 1984]
- Watt, B.G. 1977b. Vegetative stabilisation for coastal protection, *3rd Australian Conference on Coastal and Ocean Engineering*, Melbourne, 203-206. [codn dnuse abstract in Busche *et al.*, 1984]
- Waugh, B. 1970. Petrology, provenance and silica diagenesis of the Penrith Sandstone (Lower Permian) of northwestern England, *Journal of Sedimentary Petrology*, **40** (4), 1226-1240. [dnbed]
- Wayland, E.J. 1953. More about the Kalahari, *Geographical Journal*, **119** (1), 49-56. [dune stbdn]

Wearne, A.H. and Quilty, J.A. 1974. Frontal dune studies the effect of Cyclone Pam, *Journal of the Soil Conservation Service of New South Wales*, **30**, 201-212. [codn

Webb, B.P. and Wopfner, H. 1961. Plio-Pleistocene dunes northwest of Lake Torrens, South Australia, and their influence on the erosional pattern, *Australian Journal of Science*, **23** (11), 379-381. [stbdn

Weber, H. 1958. Die Oberflächenformen des festen Landes, *B.G. Tueber, Verlagsgesellschaft, Leipsig*, 131-142. [stbdn ?

Weber, K.J. 1987. Computation of initial well productivities in aeolian sandstone on the basis of a geologic model, Leman gas field, UK, in *Reservoir sedimentology*, Eds. Wilman, R.W. and Weber, K.J., *Special Publication*, **40**, Society for Economic Palaeontology and Mineralogy, Tulsa, OA, 333-354. [dnbed

Webley, D.M., Eastwood, D.J. and Gimingham, C.H. 1952. Development of soil microflora in relation to plant succession on sand dunes, including the "rhizosphere" flora associated with colonising species, *Journal of Ecology*, **40**, 168-178. [codn dnveg dnsol

Weedman, S.D. and Slingerland, R. 1985. Experimental study of sand streaks formed in turbulent boundary layers, *Sedimentology*, **32** (1), 133-146. [sdmo

Weevers, T. 1928. Relikte oder Pseudorelikte. Betrachtungen über die Dünenheiden der Nordsee-inseln, *Nederlandische Kruidkdlike Archiv*, 130-148. [dnveg

Wegemann, C.H. 1939. Great Sand Dunes of Colorado, *Mines Magazine*, **29** (11), 445-448.

Wehrman, K.C. 1961. *A study of the transition zone between the Loess Hills and Sand Hills in Central Nebraska*, unpublished M.Sc. dissertation, Department of Geology, University of Nebraska, Lincoln, ** pp. [stbdn

Weichler, H. 1935. Beiträge zur Kenntnis der Vegetationsverhältnisse der Dünen bei Danzig. I. Die Dünenälter, *Schriften für naturforschungs Gesellschaft*, Danzig, NF **20** (1), 49-63. [dnveg

Weinberger, R.K. and Adlon, G.L. 1971. *Particle dislodgement and entrainment by a low density airstream flowing over a surface, Report*, **CR-111924**, National Aeronautics and Space Administration (NASA), Washington, DC, ** pp. [sdmo

Weinecke, F. and Rust, U. 1973. Variations du niveau marin et phases climatiques du désert du Namib centrale, Afrique du Sud-Ouest, *Finisterra*, **8**, 48-65. [dune

Weiner, S.P. 1982. Deposition and stratification of oblique dunes, south Padre Island, Texas, *Transactions of the Gulf Coast Geological Society*, **32**, 521-525.

Weinstein, A. and Schiller, G. 1979. Afforestation and tree planting in Sinai. II. Northwestern Sinai (in Hebrew), *La-Yaaran*, **29** (1-2), 12-16. [dnuse codn abstract in Busche *et al.*, 1984

Weir, J.E. 1962. Large ripple marks caused by wind near Coyote Lake (dry), California (abstract), *Special Paper*, **73**, Geological Society of America, 72. [dune

Weir, J.E. 1965. *Geology and availability of groundwater in the northern part of the White Sands Missile Range and vicinity*, *United States Geological Survey, Water Supply Paper*, **1801**, 78 pp. [dune dnhyd dhyd

Weir, J.S. 1969. Chemical properties and occurrences on Kalahari Sands of salt licks created by elephants, *Journal of Zoology*, **138**, 292-310. [dnsol

Weise, B.R. and White, W.A. 1980. *Padre Island National Seashore: a guide to the geology, natural*

environs, and history of a Texas barrier island, Guidebook, **17**, Bureau of Economic Geology, University of Texas, Austin, 94 pp. [codn]

Weise, L. 1937. Note sure les vents de sable au Soudan en 1934, *Etudes météorologiques sur l'Afrique occidentale français*, série **B 3**, Paris, 41-45. [sdmo]

Weise, O.R. 1974. Zur Hangentwicklung und Flächenbildung im Trockengebeit des iranischen Hochlandes, *Würtzburger geographische Arbeiten, Mitteilungen der geographischen Gesellschaft Würzburg*, 328 pp. [dune]

Weisrock, A. 1982a. Signification paléoclimatique des dunes littorales d'Essaouira - Cap Sim (Maroc), *Revue de Géomorphologie dynamique*, **31** (3), 91-107. [stbdn codn abstract in Busche *et al.*, 1984]

Weisrock, A. 1982b. Dunes maghrebiennes et aridité sur la côte atlantique du Maroc, *Bulletin de l'Association de Géographes français*, **59** (483-484), 51-55. [codn abstract in Busche *et al.*, 1984]

Weisse, L. 1937. *Note sur les vents de sable au Soudan en 1934, Etude météorologique sur l'Afrique occidentale français*, Commission d'Etude Histoire et Science de l'Afrique Occidental français, Editions Larose, Paris, ** pp. [sdmo]

Weisser, P.J. 1978. Changes in the area of grasslands on the dunes between Richard's bay and the Umfolozi River, 1937 to 1974, *Proceedings of the Grasslands Society of Southern Africa*, **13**, 95-97. [dnveg graz abstract in Busche *et al.*, 1984]

Weisser, P.J. and Marques, T. 1979. Gross vegetation changes in the sand dunes between Richard's Bay and the Umfolozi River, 1937-1974, *Bothalia*, **12** (4), 711-721. [dnveg graz abstract in Busche *et al.*, 1984]

Weitz, J. 1932. La fixation des dunes en Palestine, *Silva Mediterranea*, **7**, 1-26. [dnuse codn]

Wellendorf, W. and Krinsley, D.H. 1980b. The relation between the crystallography of quartz and upturned aeolian cleavage plates, *Sedimentology*, **27** (4), 447-453. [sand]

Weller, G. 1969. The heat and mass balance of snow dunes on the central Antarctic plateau, *Journal of Glaciology*, **8** (53), 277-284.

Wells, B.W. and Shunk, I.V. 1938. Salt spray: an important factor in coastal ecology, *Bulletin of the Torey Botanical Club*, **65**, 485-492. [dnveg]

Wells, G.L. 1982a. Dynamic considerations for the age of the Nebraska Sand Hills (abstract), **11th International Congress, International Association of Sedimentologists**, Hamilton, Ontario, 143. [stbdn]

Wells, G.L. 1982b. Dunefield dynamics of parabolic dunes (abstract), **11th International Congress, International Association of Sedimentologists**, Hamilton, Ontario, 172.

Wells, G.L. 1983. Late-glacial circulation over central North America revealed by eolian features, in *Variations in the global water budget*, Eds. Street-Perrot, A., Beran, M. and Ratcliffe, R., Reidel, Dordrecht, 317-330. [ULL 53 DRA VAR stbdn dune]

Wells, G.L., Gullard, T.F. and Smith, L.N. 1982. Origin and evolution of deserts in the Basin and Range of the Colorado, Plateau Provinces of western North America, *Striae*, **17**, 101-111. [dune]

Wells, S.G. 1982. Dunefield dynamics of parabolic dunes (abstract), **11th Congress, International Association of Sedimentologists**, Hamilton, Ontario, 172. [or wells G.L. ??]

Wells, S.G., McFadden, L.D. and Dohrenwend, J.C. 1987. Influence of Late-Quaternary climatic changes on geomorphic and pedogenic processes on a desert piedmont, eastern Mojave Desert, California, *Quaternary Research*, **27** (2), 130-146. [dune dnsol]

Welsch, J. 1913. Les dunes primaires de Gascogne: explication de leur formation, *Comptes rendus de l'Académie des Sciences à Paris*, **156**, 496-498. [codn]

Wendelken, W.J. 1974. New Zealand experience in stabilization and afforestation of coastal dunes, in *Report on the FAO/DANIDA inter-regional training centre on heathland and sand dune afforestation*, Food and Agriculture Organization of the United Nations (FAO) / Danish International Development Agency (DANIDA), Denmark and Libya, 26 August to 21 September 1973. FAO, Rome, 97-110. [dnuse]

Wenzel, L.K., Cady, R.C. and Waite, H.A. 1946. *Geology and groundwater resources of Scott's Bluff County, Nebraska, United States Geological Survey, Water-Supply Paper*, **943**, 150 pp. [stbdn dnhyd]

Werkgroep Duin en Kust 1981. The Schoorl dunes as a natural region (in Dutch), *Duin*, **4** (3), 3-16. [codn]

Werner, B.T. 1987. *A physical model of wind-blown sand transport*, unpublished Ph.D. dissertation, California Institute of Technology, Pasadena, CA, 442 pp. [sdmo]

Werner, B.T. and Haff, P.K. 1986. A simulation study of the low energy ejecta resulting from single impacts in eolian saltation, in *Advances in aerodynamics, fluid mechanics and hydraulics*, Eds. Arndt, R.E.A., *et al.*, American Society of Civil Engineers, New York, 333-345. [sdmo]

Werner, B.T. and Haff, P.K. 1988. The impact process in aeolian saltation: two-dimensional simulations, *Sedimentology*, **35** (2), 189-196. [sdmo]

Werner, B.T., Haff, P.K., Livi, R.P. and Anderson, R.S. 1986. The measurement of eolian ripple cross-sectional shapes, *Geology*, **14** (9), 743-745.

Werth, E. and Klemm, K. 1936. Pollenanalytische Untersuchungen einiger wichtiger Dünenprofile und submariner Torfe in Deutschland, *Beihefte der Botanische Zentralblatt*, **B 55**, 95-159. [codn]

Wessel, A.T. 1989. On using the effective contact angle and the water-drop penetration time for classification of water repellency in dune soils, *Earth Surface Processes and Landforms*, **13** (6), 555-561. [dnsol dnhyd]

Wessely, J. 1873. *Der europäische Flugsand und seine Kultur*, Wien, ** pp. [dune dnuse]

Westgate, J.M. 1904. *Reclamation of Cape Cod sand dunes*, *Bulletin* **65**, Bureau of Plant Industry, United States Department of Agriculture, 36 pp. [codn dnuse dnveg]

Westhoff, V. 1947. *The vegetation of the dunes and salt marshes on the Dutch islands of Terschelling, Vlieland and Texel*, unpublished Ph.D. dissertation, Utrecht, 131 pp. [codn dnveg]

Westhoff, V. 1952. Communities with present plants in the dunes and along the landward dune margins (in Dutch), *Jahrboek, Nederlandisch Dentrol. Verlag*, **18**, 9-49. [dnveg codn]

Westhoff, V. 1956. Regeneration of dune areas in the Netherlands which have been biologically devastated by man, *Proceedings of the 6th Technical Meeting*, Edinburgh, International Union for the Conservation of Nature and Natural Resources, 164-165. [geog h 72 int dnuse codn or 1957 ??]

Westhoff, V. 1959. The vegetation of Scottish pine woodlands and Dutch artificial coastal pine forests, *Acta Botanica Neerlandica*, **9**, 422-448. [codn dnveg]

Westhoff, V. 1961. Die Duineenbepflanzung in den Niederlanden, *Angewandte Pflanzensoziologie*, **17**, 14-21. [codn dnuse]

Westhoff, V. 1975. La végétation des dunes pauvres en calcaire aus îles frisonnes néerlandaises, in *Colloques phytosociologiques*, **1**, *La végétation des dunes maritimes*, Paris, 1971, Ed. Géhu, J.-M., Cramer, Vaduz, 71-77. [dnveg codn abstract in Busche *et al.*, 1984]

Westhoff, V. 1985. Nature management in coastal areas of western Europe, *Vegetatio*, **62** (1-3), 523-532. [codn dnuse]

Westhoff, V. 1989. Dunes and dune management along the North Sea coasts, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J., SPB Academic, The Hague, 1-52. [codn dnuse]

Westhoff, V. and Beeftink, W.G. 1950a. The vegetation of dunes, marshes and beaches on the Kaloot and in the Noord-Sloe. I. Introduction - the Kaloot (in Dutch), *Levende Natuur*, **53**, 124-133. [dnveg codn]

Westhoff, V. and Beeftink, W.G. 1950b. The vegetation of dunes, marshes and beaches on the Kaloot and in the Noord-Sloe. II. The Noord-Sloe (in Dutch), *Levende Natuur*, **53**, 225-233. [dnveg codn]

Westhoff, V., van Leeuwen, C.G., Adriani, M.J. and van der Voo, E. 1961. Some aspects of the vegetation and soil of the dunes of Goeree, particularly the contact intervals between salt and fresh milieu (in Dutch), *Jb. Wetenschappen Genootschap Goeree-Overflakkee*, 47-92. [dnveg dnsol codn]

Westhoff, V. and Schouten, M.G.C. 1979. The diversity of European coastal ecosystems, in *Ecological processes in coastal environments*, Eds. Jefferies, R.L. and Davy, A.J., Blackwell, Oxford, 1-21. [codn dnecol dnveg]

Westhoff, V. and van der Maarel, E. 1982. Kustlandschap en plantengroei, in *Wadden-Diunen-Delta*, Eds. Wolf, W.J. and Dijkema, K., Centre for Agricultural Publication and Documentation (Pudoc), Wageningen, 54-77. [codn dnuse]

Whalley, W.B. 1972. The description and measurement of sedimentary particles and the concept of form, *Journal of Sedimentary Petrology*, **42** (4), 961-965. [sand]

Whalley, W.B., Ed. 1978. *Scanning electron microscopy in the study of sediments*, Geobooks, Norwich, 414 pp. [sand]

Whalley, W.B. 1979. Quartz silt production and sand grain surface textures for fluvial and glacial environments, *Scanning Electron Microscopy*, **1**, 547-554.

Whalley, W.B. and Krinsley, D.H. 1974. A scanning electron microscope study of surface textures of quartz grains from glacial environments, *Sedimentology*, **21**, 87-105. [sand]

Whalley, W.B. and Marshall, J.R. 1986. Simulation of quartz grain surface textures: some scanning electron microscopic observations, in *The scientific study of flint and chert*, Eds. Sieveking, G. deG. and Hart, M.B., Cambridge University Press, Cambridge, 227-233. [sand geol g 74 sie]

Wharfe, A.J. 1984. *Towards a cation budget for a coastal sand dune system*, unpublished Ph.D. dissertation, University of Liverpool, 372 pp. [codn dnsol]

Whincup, S. 1944. Superficial sand deposits between Brighton and Franciston, Victoria, *Proceedings of the Royal Society of Victoria*, **52**, 315-332. [dune codn]

White, B. and Curran, H.A. 1988. Mesoscale physical sedimentary structures and trace fossils in Holocene carbonate eolianites from San Salvador Island, Bahamas, *Sedimentary Geology*, **55** (1-2), 163-184. [codn, dnbed]

White, B.R. 1975. *Saltation in terrestrial and martian atmospheres*, unpublished Ph.D. dissertation, Iowa State University, 200 pp. [sdmo]

White, B.R. 1979. Soil transport by wind on Mars, *Journal of Geophysical Research*, **84** (B8), 4643-4651. [sdmo]

- White, B.R. 1981a. Low Reynolds-number turbulent boundary layers, *Journal of Fluids Engineering*, **103**, (4), 624-630. [sdmo]
- White, B.R. 1981b. Venusian saltation, *Icarus*, **46** (2), 226-232. [sdmo]
- White, B.R. 1982. Two-phase movements of saltating turbulent boundary-layer flow, *International Journal of Multiphase Flow*, **8**, 439-473. [sdmo]
- White, B.R. 1985. The dynamics of particle motion in saltation, in *International Workshop on the Physics of Blown Sand, Proceedings*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 101-140. [sdmo]
- White, B.R. 1986. Particle transport by atmospheric winds on Venus: an experimental wind-tunnel study, in *Aeolian geomorphology*, Ed. Nickling, W.G., Allen and Unwin, Hemel Hempstead, 57-74. [sdmo]
- White, B.R., Greeley, R., Iversen, J.D. and Pollack, J.B. 1976. Estimated grain saltation in a Martian atmosphere, *Journal of Geophysical Research*, **81** (32), 5643-5650. [sdmo]
- White, B.R., Iversen, J.D., Greeley, R. and Pollack, J.B. 1975. *Particle motion in atmospheric boundary layers of Mars and Earth, Technical Memorandum*, **6243**, National Aeronautics and Space Administration (NASA), Washington DC, 200 pp. [sdmo]
- White, B.R., Leach, R.N., Greeley, R. and Iversen, J.D. 1987. *Saltation threshold experiments conducted under reduced gravity conditions*, *25th Aerospace Sciences Meeting*, Reno, Nevada, **A1AA-87-0621**, ** [sdmo]
- White, B.R. and Schultz, J.C. 1977. Magnus effect in saltation, *Journal of Fluid Mechanics*, **81** (3), 497-512. [sdmo]
- White, D.J.B. 1961. Some observations on the vegetation of Blakeney Point following the disappearance of the rabbits in 1954, *Journal of Ecology*, **49**, 113-118. [codn dnveg]
- White, H.E. and Walton, S.F. 1937. Particle packing and particle shape, *Journal of the American Ceramic Society*, **20**, 155-156. [sand]
- White, L.P. 1971. The ancient erg of Hausaland in southwestern Niger, *Geographical Journal*, **137** (1), 69-73. [stbdn abstract in Busche *et al.*, 1984]
- White, S. 1976. The role of dislocation processes during tectonic deformations, with particular reference to quartz, in *The physics and chemistry of minerals and rocks*, Ed. Sterns, R.G.J., John Wiley and Sons, Chichester, 75-91. [sand]
- White, S.J. 1970. Plane bed thresholds of fine-grained sediments, *Nature*, **228** (5267), 152-153. [sdmo]
- White, W.A. 1935. The mineralogy of desert sands, *American Journal of Science*, **237** (10), 742-747.
- Whitehouse, R.J.S. and Hardisty, J. 1988. Experimental assessment of two theories for the effect of bedslope on the threshold of bedload transport, *Marine Geology*, **79** (1-2), 135-139. [sdmo]
- Whiteman, A.J. 1971. A review of the Pleistocene and recent history of the Sudan Republic, *Bulletin de Liaison*, **29**, Association sénégalaise pour l'Etude du Quaternaire de l'Ouest Africain (ASEQUA), 29-98. [stbdn]
- Whitfield, C.J. 1937. Sand dunes of the Great Plains, *Soil Conservation*, **2** (9), 208-209. [stbdn or Whitefield ??]

- Whitfield, C.J. and Brown, R.L. 1948. Grasses that fix sand dunes, *United States Department of Agriculture, Yearbook*, 70-74. [dnuse dnveg]
- Whitney, J. 1977. Striking a blow against desertification: cooperative initiative in Chungwei County, Ninghsia-Hui Autonomous Region, China, *Economic Geography*, **53** (49), 381-384. [ades dnuse]
- Whitney, J.W. 1981. Saudi Arabia's stable sand seas, *Geological Society of America, Abstracts with Program*, **13** (7), 580. [dune stbdn]
- Whitney, J.W. 1983. *Erosional history and surficial geology of western Saudi Arabia*, United States Geological Survey, Technical Record, **USGS-TR-04-1**, 90 pp. [dune]
- Whitney, J.W. 1984. Man versus sand in southwest Afghanistan, *Geological Society of America, Abstracts with Program*, **16**, 693. [dnuse]
- Whitney, J.W., Faulkender, D.J. and Rubin, M. 1983. *The environmental history and present condition of the northern sand seas of Saudi Arabia*, United States Geological Survey, Open File Report, **USGS-OF-03-95**, 39 pp. [dune abstract in Busche *et al.*, 1984 annexe]
- Whitney, J.W., Swadley, W.C. and Shroba, R.R. 1985. Middle Quaternary sand ramps in the southern Great Basin, California and Nevada, *Geological Society of America, Abstracts with Program*, **17**, A 750. [dune]
- Wiberg, P.L. and Rubin, D.M. 1989. Bed roughness produced by saltating sediments, *Journal of Geophysical Research*, **94** (NC4), 5011-5016. [sdmo]
- Wicherek, S. 1989. Impact of splash and aeolian transport on erosion case study: north of Paris basin, France, *Earth Surface Processes and Landforms*, **14** (6-7), 461-468. [sdmo]
- Wiecko, E. and Kaminski, E. 1978. Forests and afforestation in protection of the Polish Baltic coast (in Polish), *Przegł_d Geograficzne*, **50** (3), 389-411. [dnuse codn]
- Wieckowski, R. 1961. Formation and development of wind ripple marks (in Polish), in *Studies of the Pleistocene in Middle Poland*, Ed. Rozycki, S.Z., ** Warsaw, 239-256.
- Wiedemann, A.M. 1971. Vegetation studies in the Simpson Desert, Northern Territories, *Australian Journal of Botany*, **19** (1), 99-124. [dnveg]
- Wiedemann, A.M. 1984. *The ecology of Pacific northwest coastal sand dunes: a community profile*, Report **FWS/OBS-84/04**, United States Department of the Interior, Fish and Wildlife Service, Washington, DC, 130 pp. [codn dnveg]
- Wiedemann, A.M., Dennis, L.J. and Smith, F.H. 1969. *Plants of the Oregon coastal dunes*, Oregon State University Bookstores, Corvallis, ON, 117 pp. [dnveg codn]
- Wiegand, P.J. 1977. *Dune morphology and sedimentology at the Great Sand Dunes National Monument*, unpublished M.Sc. dissertation, Colorado States University, Fort Collins, 165 pp.
- Wiemer, R. 1988. Erhöhung der Schutzwirkung des Dünendeiches Dranske durch den Blau eines Wellenumlenkers, *Wasserwirtschaft - Wassertechnik*, **38** (5), 107-108. [dnsol codn ? dnhyd ?]
- Wilcock, F.A. 1976. *Dune physiography and the impact of recreation on the north coast of Ireland*, unpublished D.Phil. dissertation, the New University of Ulster, Coleraine, 169 pp. [codn dnuse]
- Wilcock, F.A. 1978. Managing beaches and dunes for recreation, *Technology Ireland*, **10** (2), 39-44. [codn dnuse]

- Wilcock, F.A. 1978. Managing beaches and dunes for recreation, *Technology Ireland*, **10** (2), 39-44. [codn dnuse]
- Wilcoxon, J.A. 1962. Relationship between sand ripples and wind velocity in a dune area, *Compass*, **39** (2), 65-76. [or Wilcoxon ??]
- Wilde, S.L. 1981. Morphological evolution of a coastal dune field, *Proceedings of the Oregon Academy of Science*, **17**, 19. [codn]
- Wilde, S.L. 1982. *Morphological evolution of the Sutton Creek dunefield*, unpublished M.A. dissertation, University of Oregon, 92 pp. [codn]
- Wildvang, D. 1936. Über Flugsande der östlichen Geest, *Naturwissenschaftlicher Verien, Bremen, Abhandlungen*, **29** (3-4), 292-307. [stbdn or 1934 ??]
- Wilckens, O. 1926. Die oberrheinischen Flugsande, *Geologische Rundschau, Sonderband*, **17 a**, 555-597. [stbdn]
- Wilkinson, J.G. 1847. *Manners and customs of the ancient Egyptians*, 3 volumes, New Edition, **, London, 510;515;528 pp. [discussion of dunes and sdmo i 146; 147, 149; ii 436-7 Sir John]
- Wilkinson, M.J. 1988. Linear dunes in the central Namib Desert: theoretical and chronological perspectives from wind streaks, in *Geomorphic studies in southern Africa*, Eds. Dardis, G.F. and Moon, B.P., Balkema, Rotterdam, 85-113. [geog qw 22 dar]
- Wilkinson, R.H. 1983/4. A method for evaluating statistical errors associated with logarithmic velocity profiles, *Geomarine Letters*, **3**, 49-52. [sdmo]
- Willard, B. 1935. An "antidune" phase of eolian ripple marks, *Journal of Sedimentary Petrology*, **5** (3), 133-136.
- Willcocks, T.J. 1981. The tillage of clod farming sandy loam soils in the semi-arid climate of Botswana, *Soil and Tillage Research*, **1**, 323-350. [dnsol]
- Willers, T. 1988. Die Vegetation der finnischen Küstdünen, *Norden*, **6**, 41-88. [codn dnveg and/ or Mitteilungen der Geographischen Gesellschaft in Hamburg, **78**, 41-88. ??]
- Willetts, B.B. 1970. The influence of lift due to circulation on saltation and suspension of solid particles in streams, *Hydrotransport. 1, 1st International Conference on the Hydraulics of Transport of Solids in Pipes*, Paper **H 2**, 17-36. [sdmo]
- Willetts, B.B. 1983. Transportation by wind of granular materials of different grain shapes and densities, *Sedimentology*, **30** (5), 669-680. [sdmo]
- Willetts, B.B. 1987. Particulate transportation the atmosphere: wind erosion, in *Flow and transport in the natural environment: advances and applications*, Eds. Steffan, W.L. and Denmead, O.T., Springer-Verlag, New York, 300-311. [sdmo]
- Willetts, B.B. 1989. Physics of sand movement in vegetated dune systems, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 37-49. [codn sdmo]
- Willetts, B.B. and Murray, C.G. 1981. Lift exerted on stationary spheres in turbulent flow, *Journal of Fluid Mechanics*, **105**, 487-505. [sdmo]
- Willetts, B.B. and Phillips, C.J. 1978. Using fences to create and stabilise sand dunes, *Proceedings of the 16th Conference on Coastal Engineering*, 2040-2050. [dnuse abstract in Busche *et al.*, 1984 wneroc]

- Willetts, B.B. and Rice, M.A. 1983. Practical representation of characteristic grain shape in sands: a comparison of methods, *Sedimentology*, **30** (4), 557-565. [sdmo]
- Willetts, B.B. and Rice, M.A. 1985a. Inter-saltation collisions, in *International Workshop on the Physics of Blown Sand, Proceedings*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 83-100. [sdmo]
- Willetts, B.B. and Rice, M.A. 1985b. Wind-tunnel tracer experiments using dyed sand, in *International Workshop on the Physics of Blown Sand, Proceedings*, Aarhus, May 28-31, Eds. Barndorff-Nielsen, O., Møller, J.-T., Rasmussen, K.R. and Willetts, B.B., *Memoir*, **8**, Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, 225-242. [sdmo]
- Willetts, B.B. and Rice, M.A. 1986a. Collision in aeolian transport: the saltation/creep link, in *Aeolian geomorphology*, Ed. Nickling, W.G., *Proceedings of the 17th Annual Binghampton Symposium on Geomorphology*, Allen and Unwin, Hemel Hempstead, 1-19. [sdmo]
- Willetts, B.B. and Rice, M.A. 1986b. Collisions in aeolian saltation, *Acta Mechanica*, **63** (1-4), 255-265. [sdmo]
- Willetts, B.B. and Rice, M.A. 1988a. Particle dislodgement from a flat sand bed by wind, *Earth Surface Processes and Landforms*, **13** (8), 717-728. [sdmo]
- Willetts, B.B. and Rice, M.A. 1988b. Effect of bedslope on desert sand transport, *Nature*, **334** (6180), 302. [sdmo]
- Willetts, B.B. and Rice, M.A. 1989. Collisions of quartz grains with a sand bed: the influence of incident angle, *Earth Surface Processes and Landforms*, **14** (8), 719-730. [sdmo]
- Willetts, B.B., Rice, M.A. and Swaine, S.E. 1982. Shape effects in aeolian grain transport, *Sedimentology*, **29** (3), 409-417. [sdmo]
- Williams, A.T., Evans, N.H. and Leatherman, S.P. 1985. Genesis of Fire Island foredunes, New York, *Sedimentary Geology*, **42** (3-4), 201-216. [codn dnveg]
- Williams, A.T. and Morgan, P. 1988. Quartz grain SEM textural variations of the beach/dune interface, Long Island USA, in *Dune / beach interaction*, Ed. Psuty, N.P., *Journal of Coastal Research, Special Issue*, **3**, 37-45. [codn sand]
- Williams, A.T. and Randerson, P. 1989. Nexus: ecology, recreation and management of a dune system in South Wales, in *Perspectives in coastal dune management*, Eds. van der Meulen, F., Jungerius, P.D. and Visser, J.H., SPB Academic, The Hague, 217-230. [codn dnuse]
- Williams, B.P.J., Wild, E.K. and Suttill, R.J. 1987. Late Palaeozoic cold-climate aeolianites, southern Cooper Basin, South Australia, in *Desert sediments, ancient and modern*, Eds. Frostick, L. and Reid, I., *Special Publication*, **35**, Geological Society of London, Blackwell, Oxford, 233-249. [dnbed geol e 58 fro]
- Williams, C. and Yaalon, D.H. 1977. An experimental investigation of reddening in dune sands, *Geoderma*, **17**, 181-191. [dnsol]
- Williams, D.L.G. 1983. Multiple episodes of Pleistocene dune-building at the head of Spencer Gulf, South Australia, *Search*, **13** (3-4), 88-90. [codn]
- Williams, G. 1964. Some aspects of the eolian saltation load, *Sedimentology*, **3** (4), 257-287. [sdmo]
- Williams, G.J. 1982. A preliminary Landsat interpretation of the relict landforms of western Zambia, *Southern African Conference of the Commonwealth Geographical Bureau*, Lusaka, 9th-15th June, ** [stbdn]

- Williams, G.P. 1966. Particle roundness and surface texture effects on fall velocity, *Journal of Sedimentary Petrology*, **36** (1), 255-259. [sand sdmo]
- Williams, G.P. 1967. *Flume experiments, transport of coarse sand*, United States Geological Survey, Professional Paper, **562-B**, 31 pp. [sdmo]
- Williams, G.P. 1970. Flume width and water depth effects in sediment transport experiments, *United States Geological Survey, Professional Paper*, **562-H**, ** pp. [sdmo dunelog]
- Williams, J.I. and Farias, R.M. 1972. Utilization and taxonomy of the desert grass *Panicum turgidum*, *Economic Botany*, **26**, 13-20. [dnveg dnuse abstract in Busche *et al.* 1984]
- Williams, J.J. 1986. *Aeolian entrainment thresholds in a developing boundary layer*, unpublished Ph. D. dissertation, University of London, 524 pp. [sdmo]
- Williams, M.A.J. 1968. A dune catena on the clay plains of the west central Gezira, Republic of the Sudan, *Journal of Soil Science*, **19** (2), 367-378. [stbdn dnsol]
- Williams, M.A.J. and Adamson, D.A. 1973. The physiography of the central Sudan, *Geographical Journal*, **139** (3), 498-508. [stbdn]
- Williams, P.B. and Kemp, P.H. 1971. Initiation of ripples on flat sediment beds, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **97** (HY4), 505-522. [dunelog]
- Williams, P.B. and Kemp, P.H. 1972. Initiation of ripples by artificial disturbances, *Proceedings of the American Association of Civil Engineers, Journal of the Hydraulics Division*, **98** (HY7), *Proceedings Paper*, 8952. 1057-1070. [dunelog]
- Williams, R.G.B. 1975. The British climate during the last glaciation: an interpretation based on periglacial phenomena, in *Ice ages: ancient and modern*, Eds. Wright, A.E. and Moseley, F., Seel House, Liverpool, 95-119. [stbdn abstract in Niessen, *et al.* 1984]
- Williams, S.H. and Zimbelman, J.R. 1988. Aeolian gradation on Mars: widespread and ancient (abstract), *Lunar and Planetary Science Conference*, **19**, 1281-1282. [sdmo sand]
- Willis, A.J. 1963. Branton Burrows: the effects on the vegetation of the addition of mineral nutrients to the dune soils, *Journal of Ecology*, **51**, 353-374. [codn dnveg]
- Willis, A.J. 1965. The influence of mineral nutrients on the growth of *Ammophila arenaria*, *Journal of Ecology*, **53**, 735-745. [codn dnveg]
- Willis, A.J. 1985a. Dune water and nutrient regimes - their ecological relevance, in *Sand dunes and their management*, Ed. Doody P., *Focus on Nature Conservation*, **13**, Nature Conservancy Council, Peterborough, 159-174. [codn dnveg dnhyd]
- Willis, A.J. 1985b. Plant species diversity and change in a species-rich dune system, *Transactions of the Botanical Society of Edinburgh*, **44**, 291-308. [codn dnveg]
- Willis, A.J. 1989. Coastal sand dunes and biological systems, in *Symposium: coastal sand dunes*, Eds. Gimingham, C.H., Ritchie, W., Willetts, B.B. and Willis, A.J., *Proceedings of the Royal Society of Edinburgh*, **B 96**, 17-36. [codn dnveg]
- Willis, A.J., Folkes, B.F., Hope-Simpson, J.F. and Yemm, E.W. 1959a. Branton Burrows: the dune system and its vegetation, I, *Journal of Ecology*, **47** (1), 1-24. [codn dnveg]
- Willis, A.J., Folkes, B.F., Hope-Simpson, J.F. and Yemm, E.W. 1959b. Branton Burrows: the dune system and its vegetation, II, *Journal of Ecology*, **47**, 249-288. [codn dnveg]

Willis, A.J. and Jeffries, R.L. 1963. Investigations on the water relations of sand-dune plants under natural conditions, in *Water relations of plants*, Eds. Rutter, A.J. and Whitehead, F.H., *Symposium*, **3**, British Ecological Society, Blackwell, Oxford, 168-189. [codn dnsol dnveg dnhyd]

Willis, A.J. and Yemm, E.W. 1961. Branton Burrows: mineral nutrient status of the dune soils, *Journal of Ecology*, **49**, 377-390. [codn dnveg dnsol]

Willkomm, A. 1865. Die Dünen und den west- und ostpreußischen Küsten, *Krit. Blätter Forst- und Jagdwiss.*, **47** (2), 170-185. [codn]

Wilmer, H.C. 1894. The relationship of the sand dune formation on the south west coast of Africa to local wind currents, *Transactions of the South African Philosophical Society*, **5**, 326-329. [abstract in *Geographical Journal*, 1894, **4**, 233 or 1893 ?? dune codn]

Wilshire, H.G. 1977. *Study results of nine sites used by off-road vehicles that illustrate land modifications*, United States Geological Survey, Open-File Report, **77-601**, 22 pp. [dnuse]

Wilshire, H.G. 1980a. Human causes of accelerated wind erosion in California's deserts, in *Thresholds in geomorphology*, Eds. Coates, D.R. and Vitek, J.D., Allen and Unwin, London, 415-434. [sdmo dnuse abstract in Busche *et al.*, 1984]

Wilshire, H.G. 1980b. Surface modifications in semi-arid land under severe wind conditions, *Geological Society of America, Abstracts with Program*, **12** (3), 159-160. [sdmo]

Wilshire, H.G. and Nakata, J.K. 1976. Off-road vehicle effects on California's Mojave desert, *California Geology*, **29**, 123-132. [dnuse]

Wilshire, H.G. and Nakata, J.K. 1977. Erosion off the road, *Geotimes*, **22** (7-8), 27. [dnuse brief abstract in Busche *et al.*, 1984]

Wilson, I.G. 1970. *The external morphology of wind-laid sand deposits*, unpublished Ph.D. dissertation, University of Reading, 181 pp. [dune]

Wilson, I.G. 1971. Desert sandflow basins and a model for the development of ergs, *Geographical Journal*, **137** (2), 180-199. [dune long abstract in Busche *et al.*, 1984]

Wilson, I.G. 1972a. Sand waves, *New Scientist*, **53** (788), 23 March, 634-637. [dune]

Wilson, I.G. 1972b. Aeolian bedforms - their development and origins, *Sedimentology*, **19**, 173-210. [dune]

Wilson, I.G. 1972c. Universal discontinuities in bedforms produced by the wind, *Journal of Sedimentary Petrology*, **42** (3), 667-669. [dune]

Wilson, I.G. 1973. Ergs, *Sedimentary Geology*, **10** (1), 77-106. [dune]

Wilson, K. 1960. The time factor in the development of dune soils at South Haven Peninsula, Dorset, *Journal of Ecology*, **48**, 341-359. [codn dnsol]

Wilson, N. 1973. Variable influencing dune firmness at Sandbanks Provincial Park, *Trent Student Geographer*, **2**, 4-10.

Wilson, P. 1979. Experimental investigation of etch-pit formation on quartz sand grains, *Geological Magazine*, **116** (6), 477-482.

Wilson, P. 1987. Soil formation on coastal beach and dune sands at Magilligan Point Nature Reserve, Co. Londonderry, *Irish Geography*, **20**, 43-49. [dnsol]

- Wilson, P. 1988. Recent sand shadow development on Muckish Mountain, County Donegal, *Irish Naturalists' Journal*, **22**, 529-531. [dune stbdn]
- Wilson, P. 1989. Nature, origin and age of Holocene aeolian sand on Muckish Mountain, Co. Donegal, Ireland, *Boreas*, **18** (2), 159-168. [stbdn]
- Wilson, P. and Bateman, R.M. 1986. Nature and palaeoenvironmental significance of a buried soil sequence from Magilligan foreland, Northern Ireland, *Boreas*, **15** (2), 137-153. [stbdn codn dnsol]
- Wilson, P. and Bateman, R.M. 1987. Pedogenic and geomorphic evolution of a buried dune palaeocatena at Magilligan Foreland, Northern Ireland, *Catena*, **14** (6), 501-517. [stbdn codn]
- Wilson, P., Bateman, R.M. and Catt, J.A. 1981. Petrography, origin and environment of deposition of the Shirdley Hill Sand of south-west Lancashire, England, *Proceedings of the Geologists Association*, **92**, 211-229. [stbdn codn]
- Wilson, P. and Farrington, O. 1989. Radiocarbon dating of the Holocene evolution of Magilligan Foreland, Co. Londonderry, *Proceedings of the Royal Irish Academy*, **B 89** (1), 1-23. [codn]
- Wilson, S.E. 1980. *Michigan's sand dunes*, Pamphlet, **7**, United States Geological Survey, 10 pp. [codn]
- Wilton, J.R. 1915. On ripples, *Philosophical Magazine and Journal of Science*, **29**, May, 688-700.
- Windberg, F. 1931. Die Dünen von Juist, *Ann. Hydrogr. Marit. Meteorol.*, **59** (2), 53-63. [codn]
- Winkelmolen, A.M. 1965. *Experimental rollability and the natural shape-sorting of sand*, unpublished Ph.D. dissertation, University of Gröningen, 141 pp. [sdmo]
- Winkelmolen, A.M. 1971. Rollability, a functional shape property of grains, *Journal of Sedimentary Petrology*, **41** (3), 703-714. [sand sdmo]
- Winkelmolen, A.M. 1982. Critical remarks on grain parameters, with special emphasis on shape, *Sedimentology*, **29** (2), 255-265. [sand sdmo]
- Winskowsky, U. 1986. *Untersuchungen zu Dünenabbrüchen und Stranderosion*, unpublished M.Sc. dissertation, University of Braunschweig, ** [codn]
- Wippermann, F.K. 1969. The orientation of vortices due to instability of the Ekman boundary layer, *Beiträge zur Physik der Atmosphäre*, **42**, 225-244. [also in *The planetary boundary layer*, Ed. Wippermann, F., Deutscher Wetterdienst, Offenbach am Main, 1973, ** pp. dune and in *Annalen der Meteorologie*, NF **7** (1973), 260-274.
- Wippermann, F.K. and Gross, G. 1986. The wind-induced shaping and migration of an isolated dune: a numerical experiment, *Boundary-Layer Meteorology*, **36** (4), 319-334.
- Witek, S. 1969. Remarks on the grain size and sorting of dune sands in the Sandomierz basin (in Polish), *Przegląd Geograficzny*, **17** (10), 515-517.
- Witek, S. 1970. Role of eolian processes in the evolution of the Sandomierz Basin between Wislok and San (in Polish, abstract), *Polskiej Akademii Nauk, Instytut Geografii, Dokumentacja Geograficzna*, **6**, 28-32. [dune]
- Withering, W. 1790. An account of some extraordinary effects of lightning, *Philosophical Transactions of the Royal Society of London*, **D 80**, 293-295. [fulgurites sand sdmo dnsol]
- Witter, J.V., Jungerius, P.D. and ten Harkel, M. 1989. Modelling water erosion and the impact of water

repellency, *Proceedings of the Conference on Landscape Ecological Impact of Climatic Change*, Lunteren, Netherlands, ** [codn dnsol dnhyd]

Wittschell, L. 1931a. Morphological effects of sand and dust storms, *Geographical Journal*, **77** (6), 588-589.

Wittschell, L. 1931b. Über Sand- und Staubstürme und ihre Bedeutung für die Geomorphologie der Erdoberfläche, *Zeitschrift für Geomorphologie*, NF **6** (1), 1-18. [dune]

Wojciechowski, A. 1979. Reconstructions of the directions of near-ground air streams behind the lee slope of a dune on the basis of the distribution of eolian ripple marks (in Polish), *Badania Fizjograficzne nad Polska Zachodnia, Geografia Fizyczna*, **A 32**, 169-190. [abstract in Busche, *et al.* 1984]

Wojtanowicz, J. 1968. The dunes of the area between the San and Leg Rivers (in Polish), *Annales Universitatis Mariae Curie Skłodowska*, B, **20** (1965), 89-124. [stbdn]

Wojtanowicz, J. 1970a. Dunes of the Sandomierz plain in the light of granulometric examination, (in Polish), *Annales Universitatis Mariae Curie-Skłodowska*, **25** (1), 1-49. [sand stbdn]

Wojtanowicz, J. 1970b. Dunes of the Sandomierz basin (abstract), *Dokumentacja Geograficzna*, **6**, Polska Academia Nauk, Instytut Geografii, 32-37. [stbdn]

Wojtanowicz, J. 1972. Aeolian relief in the northern foreland of the Kolbuszov Plateau (in Polish), *Annales Universitatis Mariae Curie-Skłodowska*, B **27**, 1-20. [stbdn]

Wojterski, T. 1964. *Pine forests on sand dunes at the Polish Baltic coast*, *Prace Komisji Biol.*, **28**, PTPN, 217 pp. [codn dnveg]

Wolf, K.H. 1973. Conceptual models, 2: Fluvial-alluvial, lacustrine, desert and shoreline (bar-beach-dune-chenier) sedimentary environments, *Sedimentary Geology*, **9**, 261-281. [sand codn dnbed]

Wolfart, R. 1959. Rezente Schrumpfungsrisse auf Trias-Sandsteinen in Paraguay, *Natur und Volk*, **89**, 401-406. [dnbed]

Wolfe, R.W. 1979. Orientation of eolian features in the North Polar region of Mars: a preliminary assessment, *Proceedings of the Lunar, Planetary Science Conference*, **10**, 1364-1366. [dune]

Wolfe, R.W. and El-Baz, F. 1979. The wind regime of the Western Desert of Egypt, *Reports of Planetary Geology Program, 1978-79, Technical Memorandum*, **80339**, National Aeronautics and Space Administration (NASA), Washington, DC, 299-301. [sdmo]

Wolff, R.G. 1964. The dearth of certain sizes of materials in sediments, *Journal of Sedimentary Petrology*, **34** (2), 320-327. [sand]

Wolff, W.J. and Dijkema, K., Eds. 1982. *Wadden-Duinen-Delta*, Centre for Agricultural Publication and Documentation (Pudoc), Wageningen, 195 pp. [codn dnuse]

Wolhetz, K.H. and Sheridan, M.F. 1979. A model of pyroclastic surge, in *Ash flow tuffs*, Eds. Chapin, C.E. and Elston, W.E., *Special Paper*, **180**, Geological Society of America, 177-194. [dunelog]

Wong, P.P. 1981. Beach changes on a monsoon coast, Peninsular Malaysia, *Bulletin of the Geological Society of Malaysia*, **14**, 59-74. [codn]

Wood, M.K., Blackburn, W.H., Eckert, R.E.Jr. and Peterson, F.F. 1978. Interrelations of the physical properties of coppice dune and vesicular dune interspace soils with grass seedling emergence, *Journal of Range Management*, **31** (3), 189-192. [stbdn dnsol abstract in Busche, *et al.* 1984]

Wood, W.H. 1970. The rectification of wind-blown sand, *Journal of Sedimentary Petrology*, **40** (1), 29-37.

Woodhouse, W.W.Jr. 1974. Stabilizing coastal dunes with vegetation, in *Methods for beach and sand dune protection*, Tri-state Conference Report, 1 March to 2 April, Jekyll Island, Georgia, 24-26. [codn dnuse

Woodhouse, W.W.Jr. 1978. *Dune building and stabilisation with vegetation*, Special Report, **3**, United States Army, Corps of Engineers, 112 pp. [dnuse, codn

Woodhouse, W.W.Jr. and Hanes, R.E. 1967. *Dune stabilization with vegetation on the Outer Banks of North Carolina*, Technical Memorandum, **22**, United States Army, Corps of Engineers, Coastal Engineering Research Center, Washington, DC, ** pp. [codn dnuse

Woodhouse, W.W.Jr., Seneca, E.D. and Broome, S.W. 1976. *Ten years of development of man-initiated coastal barrier dunes in North Carolina*, Sea Grant Publication, **UNC-SG-77-01**, University of North Carolina, 53 pp. [codn dnuse

Woodhouse, W.W.Jr., Seneca, E.D. and Broome, S.W. 1977. Effects of species on dune grass growth, *International Journal of Biometeorology*, **21**, 256-266. [dnveg codn dnuse

Woodhouse, W.W.Jr., Seneca, E.D. and Cooper, A.W. 1968. Use of sea oats for dune stabilization in the Southeast, *Shore and Beach*, **36** (2), 15-20. [codn dnuse abstract in Busche, *et al.* 1984

Wopfner, H. and Heath, R. 1963. Modified seif dunes west of Lake Eyre, *Quarterly Geological Notes*, **6**, Geological Survey of South Australia, **

Wopfner, H. and Twidale, C.R. 1967. Geomorphological history of the Lake Eyre Basin, in *Landform studies from Australia and New Guinea*, Eds. Jennings, J.N. and Mabbutt, J.A., Cambridge University Press, Cambridge, 119-143. [dune geog sa 22 jen

Wopfner, H. and Twidale, C.R. 1988a. Formation and age of desert dunes in the Lake Eyre depocentres in central Australia, *Geologische Rundschau*, **77** (3), 815-834.

Wopfner, H. and Twidale, C.R. 1988b. Geomorphic history of the Lake Eyre basin, in *Fluvial geomorphology of Australia*, Ed. Warner, R.F., Academic, Sydney, 118-142. [dune geog sa 22 war

Worrall, G.A. 1969. The red sands of the southern Sahara, *Bulletin de Liaison*, **21**, Association sénégalaise pour l'Etude du Quaternaire de l'Ouest Africain (ASEQUA), 36-39. [dnsol

Worrall, G.A. 1974. Observations of some wind-formed features in the southern Sahara, *Zeitschrift für Geomorphologie*, NF **18** (3), 291-302. [dune abstract in Busche, *et al.* 1984

Wrage, W. 1958. Luftbild und Wattforschung. Neue Studien über den Formenschatz des Nordseewattes zwischen Trischen und Friedrichskoog, *Petermanns geographische Mitteilungen*, **102** (1), 6-12. [codn ripple

Wright, A.E. 1957. Three-dimensional shape analysis of fine-grained sediments, *Journal of Sedimentary Petrology*, **27** (3), 306-312. [sand

Wright, E.P. 1978. Geological studies in the northwestern Kalahari, *Geographical Journal*, **144** (2), 235-249. [stbdn

Wright, H.E.Jr. 1956. Origin of the Chuska Sandstone, Arizona-New Mexico: a structural and petrographic study of a Tertiary eolian sediment, *Bulletin of the Geological Society of America*, **67** (4), 413-434. [dnbed

Wright, H.E.Jr. 1963. Late Pleistocene geology of coastal Lebanon, *Quaternaria*, **6**, 525-539. [codn

- Wright, H.E.Jr., Almendinger, J.C. and Gruger, J. 1985. Pollen diagram from the Nebraskan Sand Hills and the age of the dunes, *Quaternary Research*, **24** (1), 115-120. [stbnd]
- Wright, L.D. 1970. The influence of sediment availability on patterns of beach ridge development in the vicinity of the Shoalhaven River Delta, N.S.W., *Australian Geographer*, **11** (3), 327-335. [codn]
- Wright, R. and Ritchie, W. 1975. The survey and photo-interpretation of the Sands of Forvie, Aberdeenshire, in *O'Dell Memorial Monograph*, **4**, Department of Geography, University of Aberdeen, ** [codn]
- Wright, R.A. 1982. Aspects of desertification in *Prosopis* duneland in southern New Mexico, U.S.A., *Journal of Arid Environments*, **5** (3), 277-284. [dnveg stbnd dnuse]
- Wright, R.A. and Honea, J.H. 1986. Aspects of desertification in southern New Mexico, U.S.A.: soil properties of a mesquite duneland and a former grassland, *Journal of Arid Environments*, **11** (2), 139-145. [dnuse dnveg]
- Wright, T. 1669. A curious and exact relation of a sand cloud which hath lately overwhelmed a great tract of land in the county of Suffolk, *Philosophical Transactions of the Royal Society of London*, **3**, 722-725. [sdmo dune]
- Wright, T.W. 1955. Profile development in the sand dunes of Culbin Forest, Morayshire. I. Physical properties, *Journal of Soil Science*, **6**, 270-284. [codn dnsol]
- Wright, T.W. 1956. Profile development in the sand dunes of Culbin Forest, Morayshire. II. Chemical properties, *Journal of Soil Science*, **7**, 33-42. [codn dnsol]
- Wright, W.R. and Foss, J.E. 1968. Movement of silt-sized particles in sand columns, *Proceedings of the Soil Science Society of America*, **32** (3), 446-448. [dnsol]
- Wu, Z. and Wu, K. 1987. Sedimentary structure and developing model of coastal dunes along the northeastern coast of Hainan Island, China, *Acta Geographica Sinica*, **42**, 129-141. [codn dnbed]
- Wunderlich, E. 1916. Zur Frage der polonischen und norddeutschen Binnendünen, *W.Beiträge zur polonischen Landeskunde*, I.Z. Gesellschaft Erdkunde, Berlin, 477-483. [dune stbnd]
- Wyman, J. 1866. Formation of ripple-marks, *Proceedings of the Boston Society for Natural History*, **10**, 186-187.
- Wyrwoll, K.-H. 1979. Late Quaternary climates of Western Australia: evidence and mechanisms, *Journal of the Royal Society of Western Australia*, **62**, 129-142. [stbnd]
- Wyrwoll, K.-H. 1988. Time in the geomorphology of Western Australia, *Progress in Physical Geography*, **12** (2), 237-263. [stbnd]
- Wyrwoll, K.-H. and King, P.D. 1984. A criticism of the proposed regional extent of Late Cainozoic arid-zone advances into southwestern Australia, *Catena*, **11** (4), 273-288. [stbnd]
- Wyrwoll, K.-H., McKenzie, N.L., Pederson, B.J. and Tapley, I.J. 1986. The Great Sandy Desert of northwestern Australia: the last 7 000 years, *Search*, **17** (7-9), 208-210. [dune]
- Wyrwoll, K.-H. and Milton, D. 1976. Widespread late-Quaternary aridity in Western Australia, *Nature*, **264** (5585), 429-430. [stbnd]
- Wyrwoll, K.-H. and Smyth, G.K. 1985. On using the log normal distribution to describe the textural characteristics of eolian sediments, *Journal of Sedimentary Petrology*, **55** (4), 471-478. [sand]

- Wyrwoll, K.-H. and Smyth, G.K. 1988. On using the log normal distribution to describe the textural characteristics of eolian sediments: reply, *Journal of Sedimentary Petrology*, **58** (1), 161-162. [sand]
- Xing-Zhen, H. and Zhong-Hai, P. 1981. Applying granularity data to research for eolian sand characteristics in the southwestern part of Maowusu (in Chinese), *Acta Geographica Sinica*, **36** (1), 70-78.
- Xu, G., Ghen, M. and Wu, G. 1979. On an extraordinary heavy sandstorm on April 22nd in Gansu (in Chinese, English summary), *Acta Meteorologica Sinica*, **37** (4), 26-35. [sdmo v cold air abstract in Busche *et al.*, 1984 annexe]
- Xu Shiyuan and Shao Xusheng 1988. Characteristics of the modern coastal sediments of Putuo Island, Zhoushan Archipelago, China, *Journal of Coastal Research, Special Issue*, **3**, 77-82. [codn]
- Xu Jungling, Pei Zhanqin and Wang Renhua 1982. A research on the width of the protection of half-hidden straw checkerboard barriers, *Zhong Guo Sha Mo (Journal of Desert Research)*, **2**, 16-23. [dnuse sdmo]
- Xu Shuying and Xu Defu 1983. A primary observation of aeolian sand deposits on eastern shore of the Qinghai Lake, *Zhong Guo Sha Mo (Journal of Desert Research)*, **3** (3), 11-17. [dune]
- Xu Shuying, Xu Defu and Shi Shenren 1982. Aeolian sand deposits in the Gonghe basin, Qinghai Province, *Zhong Guo Sha Mo (Journal of Desert Research)*, **2** (3), 1-8. [dune]
- Yaalon, D.H. 1967. Factors affecting the lithification of aeolianite and interpretation of its environmental significance in the coastal plain of Israel, *Journal of Sedimentary Petrology*, **37** (4), 1189-1199. [codn dnsol]
- Yaalon, D.H. 1975. Discussion of "Internal geometry of vegetated coastal dunes", *Journal of Sedimentary Petrology*, **45** (1), 359. [codn dnbed]
- Yaalon, D.H. 1982. On the aeolianite - red sands relationship in coastal Natal, *Palaeoecology of Africa and the Surrounding Islands*, **15**, 145-148. [codn dnbed dnsol]
- Yaalon, D.H. and Dan, J. 1967a. Factors controlling soil formation and distribution in the Mediterranean coastal plain of Israel during the Quaternary, in *Quaternary soils, Proceedings of the 7th Congress, International Quaternary Research Association (INQUA)*, **9**, Boulder, 1965, 321-338. [codn]
- Yaalon, D.H. and Dan, J. 1967b. Trends of soil development with time in the Mediterranean environments of Israel, *Conference on Mediterranean Soils, Transactions*, Madrid, 139-145. [codn]
- Yaalon, D.H. and Laronne, J. 1971. Internal structures in eolianites and paleowinds, Mediterranean coast of Israel, *Journal of Sedimentary Petrology*, **41** (4), 1059-1064. [dnbed dune codn]
- Yakubov, T.F. 1968. The sands of the Kharga oasis in the Libyan Desert of Egypt and related problems (in Russian), *Akademii Nauk, SSSR, Izvestiya Seriya Geograficheskaya*, **3**, 31-39. [dune]
- Yakubov, T.F. and Bepalova, R.Y. 1961. Soil-formation processes during the invasion of sands by plants in the northern deserts of the Caspian region, *Soviet Soil Science*, **6**, 651-658. from *Pochvovedeniye*, 1961, **6**, 77-86. [dnsol dnveg dune abstract in Busche, *et al.* 1984]
- Yalin, M.S. 1963. An expression for bedload transport, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **89** (HY3), 221-250. [sdmo]
- Yalin, M.S. 1964. Geometrical properties of sand waves, *Proceedings of the American Society of Civil Engineers, Journal of the Hydraulics Division*, **91**, 343-366. [dunelog **not 91 1965: not 90**]
- Yalin, M.S. 1971a. *Theory of hydraulic models*, Macmillan, London, 266 pp. [dunelog]

- Yalin, M.S. 1971b. On the formation of dunes and meanders, *Proceedings of the 14th International Congress of the Hydraulics Research Association*, **3**, Paris, C 13, 1-8. [dunelog]
- Yalin, M.S. 1972. *Mechanics of sediment transport*, Pergamon, Oxford, 298 pp. [engi cp 35 yal 2nd Edition, 1977 ?? sdmo dunelog]
- Yang Dayuan 1985. Aeolian dunes of the Late Pleistocene on south bank at the mid-lower reaches of Yangtse River, *Zhong Guo Sha Mo (Journal of Desert Research)*, **5**, 36-43. [stbdsn]
- Yang, Y., Li, B., Zhang, Yi and Zhang, W. 1982. The formation and evolution of landforms in the Xizang Plateau (in Chinese), *Acta Geographica Sinica*, **37** (1), 76-87. [dune]
- Yang Yichou 1984. Aeolian landform on the banks of river valley - case study in Yalutsangpo River Valley, *Zhong Guo Sha Mo (Journal of Desert Research)*, **4**, 12-15. [dune stbdsn ?]
- Yardley, M.J. 1984. Cross-bedding in the Permian Yellow Sands of County Durham, *Proceedings of the Yorkshire Geological Society*, **45**, 11-18. [dnbed]
- Yarham, E.R. 1958. Singing sands: a strange concert heard in the desert, *Courier*, **6**, United Nations Educational, Scientific and Cultural Organization (UNESCO), Paris, 26-27. [abstract in Busche, *et al.* 1984]
- Yarranton, G.A. and Morrison, R.G. 1974. Spatial dynamics of a primary succession: nucleation, *Journal of Ecology*, **62**, 417-428. [codn dnveg]
- Yasso, W.E. and Hartman, E.M. 1972. Rapid field technique using spray adhesive to obtain peels of unconsolidated sediment, *Sedimentology*, **19**, 295-298. [dnbed]
- Yate, A.C. 1894. Sand dunes, *Geographical Journal*, **9** (6), 672-673.
- Yeaton, R.I. 1988. Structure and function of the Namib dune grasslands: characteristics of the environmental gradients and species distributions, *Journal of Ecology*, **76** (3), 744-758. [dnveg dune ?]
- Yepifanov, M.I. 1973. Characteristics of the formation of relief in arid climate and some new data on neotectonics of western central Asia (abstract in English), *Moskovskoye Obschches'tvo Ispytateley Prordy Byulletin Otdel Geologicheskoy*, **48** (2), 155. [dune]
- Yibin Qian 1985. Characteristics of sand grain and its origin in Takel Makul Desert, Ili, Xinjiang, *Zhong Guo Sha Mo (Journal of Desert Research)*, **5**, 36-43.
- Yoshii, Y. 1919. Ökologische Studien über die Vegetation der Ota Dünen, *Journal of the College of Science, University of Tokyo*, **43** (3), 1-68. [dnveg codn]
- Young, M.M. 1987. *The Alexandria dunefield vegetation*, unpublished M.Sc. dissertation, Port Elizabeth University, 248 pp. [codn dnveg]
- Young, R., Ed. 1977. *Planning for the use of the Irish sand dune systems*, An Foras Forbatha, Dublin, 103 pp. [codn dnuse]
- Yuquan, L. and Zheng, W. 1980. Experimentation on dynamic photography of the movement of sand-driving wind (in Chinese), *Acta Geographica Sinica*, **35** (2), 174-181. [sdmo]
- Yu Shou-chung, Li, Po, Ts'ai, Wei-ch'i and T'an, Chien-an 1962. A survey of the Gobi of western Inner Mongolia and Pa Tan Chi Lin Desert, in *Research on sand control*, Ed. Sand Control Group, Academia Sinica, United States Joint Publications Research Service, **JPRS 19993**, Technical Translation **63-31183**, 244-276. [dune dnuse or Yu, S.Z. ??]

- Zagwijn, W.H. 1969. Geology and vegetation history of the Netherlands coastal dunes, *Jahrboek Koninklijke Maatschappij Naturkunde, Diligentia*, **1969**, 167-176. [codn dnveg]
- Zagwijn, W.H. 1971. Vegetational history of the coastal dunes of the western Netherlands, *Acta Botanica Neerlandica*, **20**, 174-182. [codn dnveg]
- Zagwijn, W.H. 1974. Palaeogeographic evolution of the Netherlands during the Quaternary, *Geologie en Mijnbouw*, **53** (6), 369-385. [codn]
- Zagwijn, W.H. 1984. The formation of the younger dunes on the west coast of the Netherlands (AD. 1000-1600), *Geologie en Mijnbouw*, **63** (3), 259-268. [codn]
- Zainutdinov, S. and Akhmedov, K.S. 1961. The manufacture of artificial polymer K-4 used for the fixation of soils in the Soviet central Asia, in *Humic and polymer preparations used in agriculture*, **, Tashkent, ** [dnuse glue]
- Zak, J.M. and Bredakis, E. 1963. Dune stabilization at Provincetown, Massachusetts, *Shore and Beach*, **31** (2), 19-24. [codn dnuse abstract in Busche, *et al.* 1984]
- Zakirov, R.S. 1969. Some regularities in sand transport of a wind-sand stream (in Russian), *Problemy Osvoeniya Pustin*, (1), 73-77. [sdmo]
- Zakirov, R.S. 1975. Complex protection of railroads from sand drift (in Russian), *Trudy Tashitt* (Tashkent), **115**, 9-16. [dnuse]
- Zakirov, R.S. 1982. *Prevention of sand drifts on railways, roads and irrigation systems*, United Nations Environment Programme / USSR Commission on Desertification, Centre for International Projects, GKNT, Moscow, 182 pp. [dune, sdmo, dnuse abstract in Busche *et al.*, 1984 annexe]
- Zakharov, N.T. and Revut, I.B. 1954. Shifting sands fixation with bitumen emulsion, in *USSR deserts and their reclamation*. **2**, Akademii Nauk, SSSR, Leningrad, 449-464. [dnuse]
- Zakrewska-Borowicki, B. 1974. Landform analysis from topographic maps, *Journal of Geology*, **73** (1), 7-20. [dune]
- Zallar, S. 1977. Some factors influencing the production of marram grass and American beachgrass in southern coastal environments, **3^d Australian Coastal and Ocean Engineering Conference**, 196-202. [dnveg codn abstract in Busche *et al.* 1984]
- Zamorski, J. 1989. Investigations of the aeolian transport in the coastal zone at the sandbar of the Kopan Lake (in Polish), *Studia Materia Oceanologica*, **58**, 339-348. [sdmo]
- Zanke, U. 1980. Sand transport under the action of wind, in *Coastal Engineering, Proceedings of the Coastal Engineering Conference*, **17** (2), 1576-1583. [sdmo special trap abstract in Busche *et al.*, 1984]
- Zanke, U. 1982. *Grundlagen der Sedimentbewegung*, Springer-Verlag, Berlin, 402 pp. [sdmo abstract in Busche *et al.*, 1984]
- Zaremba, R.E. and Leatherman, S.P. 1984a. Vegetative physiographic analysis of a U.S. northern barrier system, *Environmental Geology and Water Sciences*, **8**, 193-207. [codn dnveg]
- Zaremba, R.E. and Leatherman, S.P. 1984b. Overwash processes and foredune ecology, Nauset Spit, Massachusetts, *Miscellaneous Paper*, **E1-84-88**, United States Army Corps of Engineers, Coastal Engineering Research Center, 232 pp. [codn dnveg]
- Zawadzka, E. 1989. Morphodynamics of selected segments of dune sea coast (in Polish), *Studia Materia Oceanologica*, **55**, 45-66. [codn]

Zawadzka-Kahlau, E. 1978. On the granulometric composition of the aeolian transport in the experiment "Lubliatowo-76" (in Russian), in *Beach processes of the tideless sea*, Eds. Antsiferov, S.M., Zeidler, R., Massel, S. and Mielczarski, A., *Prace Instytutu Budownictwa Wodnego, Polskiej Akademii Nauk*, **5**, 403-413. [sdmo]

Zawadzka-Kahlau, E. 1980. Morphodynamics of dune shores along the Polish coast, in *Main regularities and tendencies of the Baltic shoreline migration during the past 100 years*, Ed. Orviku, K., Instituta Geologeskogo, Akademii Nauk, Estonskaya, Tallin, 98-107. [codn]

Zawadzka-Kahlau, E., Merta, T. and Czapowski, G. 1978. Granulometric characteristics of surface sediments in the zone of deformation of waves and aeolian material on the beach (in Russian), in *Beach processes of the tideless sea*, Eds. Antsiferov, S.M., Zeidler, R., Massel, S. and Mielczarski, A., *Prace Instytutu Budownictwa Wodnego, Polskiej Akademii Nauk*, **5**, 371-383. [sdmo]

Zechlin, F.-K. 1969. Quantitative Untersuchungen über den Sandtransport auf der Insel Sylt – Vortrag bei der 36. *Tagung der Arbeitsgemeinschaft nord-westdeutscher Geologen auf der Insel Heligoland vom 27-30.5 1969*, 3 pp. [copy in library of GTZ, Eschborn sdmo]

Zeevalking, H.J. and Fresco, L.F.M. 1977. Rabbit grazing and species diversity in a dune area, *Vegetatio*, **35**, 193-196. [codn dnveg]

Zeller, R.P. 1962. A general reconnaissance of coastal dunes in California, *Miscellaneous Paper*, **1-62**, Beach Erosion Board, Washington, DC, 38 pp. [codn]

Zeman, O. and Jensen, N.O. 1987. Modification to turbulence characteristics in flow over hills, *Quarterly Journal of the Royal Meteorological Society*, **113** (475), 55-80. [dune]

Zeman, O. and Jensen, N.O. 1988. *Progress report on modelling permanent form sand dunes*, Risø-M-2738, Risø National Laboratory, Denmark, 27 pp.

Zenker, H. 1957. *Über Land- und Seewinde and der Küste der Insel Usedom und ihre bioklimatische Bedeutung*, *Abhandlungen der meteorologische und Hydrologische Dienst der DDR*, **44**, 70 pp. [codn dnhyd]

Zenkovich, V.P. 1967a. *Processes of coastal development*, Translated by Fry, D.G., Oliver and Boyd, Edinburgh, 738 pp. [codn geog e 24 zen]

Zenkovich, V.P. 1967b. Aeolian processes on sea coasts, in *Processes of coastal development*, Ed. Steers, J.A., Interscience, New York, 586-617. [codn]

Zeremski, M. 1972. Processus éoliens contemporains dans la région du défilé des Portes de Fer, Djerap, comme exemple de l'action de même sens des agents du climat périglaciaire, in *Dynamics and prognostic of surface development by European regional types*, *Acta Geographica Debrecina*, **17**, 117-122. [dune sdmo stbdn ?]

Zernecke, F.W. 1840. Der Dünendurchbruch dei Neufähr in der Frischen Nehrung am 1 Februar 1840. *Preußischen Prov.-Blatter*, **23**, 359-363. [codn]

Zha Ziyun 1983. Characteristics of aeolian landform in eastern Kunlun Mountain, *Zhong Guo Sha Mo (Journal of Desert Research)*, **3**, 35-39. [dune]

Zhang Jixian and Xu Bing 1985. Moisture conditions in different dunes in southern Horqin steppe, *Zhong Guo Sha Mo (Journal of Desert Research)*, **5**, 33-39.

Zhang, J.H. and Maun, M.A. 1989. Seed dormancy of *Panicum virgatum* L. on the shoreline and sand dunes of Lake Erie, *American Midland Naturalist*, **22** (1), 77-87. [codn dnveg]

- Zhao, S. 1985. Drifting sand hazard and its control in northwest arid China, *Annals of Arid Zone*, **24** (3), ** [dnuse]
- Zhao Songqiao 1986. Drifting sand hazard and its control in northwest arid China, in *Proceedings of an International Workshop on Sand Transport and desertification in Arid Lands*, Eds. El-Baz, F., El-Tayeb, I.A. and Hassan, M.H.A., 17-26, November 1985, Khartoum, World Scientific, Singapore, 253-266. [dnuse]
- Zhao, S. and Xing, J. 1984. Origin and development of the shamo (sandy deserts) and the gobi (stony deserts) on China, in *The evolution of the East Asian environment*, **1**, Ed. White, R.O., ** 230-251. [dune dnsol]
- Zhao Songqiao and Xing Jiaming 1988. Origin and evolution of sandy deserts (shamo) and stony deserts (gobi) in China, *Chinese Journal of Arid Land Research*, **1**, 11-26. [dune]
- Zhao Xitao 1988. Eolianite in Fujian, China, *Journal of Coastal Research, Special Issue*, **3**, 83-90. [codn dnbed]
- Zhao, Xi-Tao, *et al.* 1989. Carbonate aeolianites in Putian, Fujian. I. Sedimentary structure and paleowinds, *Science in China*, Series B, 301-512. [Geoabstracts 90 J/2240 codn dnbed or Zho ??]
- Xitao, Z. and Goldsmith, V. 1989. Surficial and internal geometry of carbonate eolianite in Fujian, China: climatic and tectonic implications, *Journal of Coastal Research*, **5**, (4), 765-776. [codn dnbed]
- Zheng, Wu 1981. Approach to the genesis of the Taklimakan Desert (in Chinese), *Acta Geographica Sinica*, **36** (3), 280-291. [dune]
- Zhu, D. and Liu, S. 1979. *The prevention and control of deserts and desertification in China*, Lanzhou Institute of Desert Research, ** [dnuse ?]
- Zhu Zhenda (Chu Chen Ta) 1961. Survey methods of shifting sand topography in desert regions (in Chinese), Scientific, Peiping, 61 pp. [translation, 1962, by United States Joint Publications Research Service, **16.637**, Ref. AD 299-215, Washington DC, 95 pp. [dune]
- Zhu Zhenda (Zhenda, Z., or Chu Chen-Ta) 1963. A preliminary study of the problems of the dynamic changing process of sand dunes under the pressure of the wind, *K'au Geographical Monographs*, 58-78. Department of Commerce, Clearing House for Federal Scientific and Technical Information.
- Zhu Zhenda 1979. Thirty years in research works on Chinese sandy deserts (in Chinese), *Acta Geographica Sinica*, **34** (4), 305-314. [dune sand abstract in Busche *et al.*, 1984]
- Zhu Zhenda, *et al.* 1981. *Overview of the deserts in China* (in Chinese), Lanzhou Institute of Desert Research, 107 pp. [dgeom]
- Zhu Zhenda, Chen, Z., Wu, Z., Li, J.Z. and Wu, G.C. 1981. *Study of eolian geomorphology in Taklimakan desert* (in Chinese), Sciences Press, Beijing, 135 pp. [sdmo dune]
- Zhu Zhenda, Zou Bengong and Yang Youlin 1987. The characteristics of aeolian Landforms and the control of mobile dunes in China, in *International geomorphology 1986*. **2**, Ed. Gardiner, V., *Proceedings of the 1st International Conference*, John Wiley and Sons, Chichester, 1211-1215.
- Zhumashkov, A. 1973. The wind regime and the dynamics of the shifting sands tract Sainaksak, *Problemy Osvoeniya Pustin*, (2), 78-82. [dune or Zhumashov ??]
- Zhumashkov, A. 1975. *The Saynaksak sandy massif and problems related to its development, candidate dissertation summary*, Kazakh State University, Alma-Ata, 23 pp. [dune or Zhumashov ??]

- Zhumashkov, A. and Arnageldiyev, A. 1978. Sand movement in the central Karakum (in Russian), *Problems of Desert Development*, (6), 70-72. [sdmo abstract in Busche *et al.*, 1984
- Ziegler, J.M., Tuttle, ** D., Tasha, H.J. and Ciese, G.S. 1964. Residence time of sand composing beaches and bars of outer Cape Cod, *Proceedings of the 9th Coastal Engineering Conference*, 403-416. [codn
- Zimbelman, J.R. 1986. Surface properties of the pettit wind streak on Mars: implications for sediment transport, *Icarus*, **66** (1), 83-93. [sdmo
- Zimbelman, J.R., Clifford, S.M. and Williams, S.H. 1989. Concentric crater fill on Mars: an aeolian alternative to ice-rich mass-wasting, *Proceedings of the 19th Lunar and Planetary Science Conference*, Huston, TX, 387-407. [sdmo dune
- Zimbelman, J.R. and Kieffer, H.H. 1980. Field investigations of dark streaks (abstract), *Bulletin of the American Astronomical Society*, **12**, 723. [dune
- Zimbelman, J.R., Williams, S.H. and Kieffer, H.H. 1987. Field observations of albedo contrasts associated with wind streaks: fluvial and botanical effects on aeolian features (abstract), in *American Geophysical Union, Fall Meeting, Eos*, **68**, 1341-1342. [dune
- Zimmermann, F., Saxen, A. and Seifert, E. 1966. Ein neuartiges Verfahren zur Beschleunigung der luvseitigen Festlegung von Dünen im Küstenbereich, *Wasserwirtschaft*, **56**, 383-388. [codn dnsol ? dnhyd ? or **12** ?? abstract in Busche *et al.*, 1984
- Zingg, A.W. 1949. A study of the movement of surface wind, *Agricultural Engineering*, **30**, 11-13. [sdmo
- Zingg, A.W. 1950. *The intensity-frequency of Kansas winds*, United States Department of Agriculture, **SCS-P-88**, 19 pp. [sdmo
- Zingg, A.W. 1951a. A portable wind tunnel and dust collector developed to evaluate the erodibility of field surfaces, *Agronomy Journal*, **43** (4), 189-191. [sdmo
- Zingg, A.W. 1951b. Evaluation of erodibility of field surfaces with a portable wind tunnel, *Proceedings of the Soil Science Society of America*, **15**, 11-17. [sdmo
- Zingg, A.W. 1952a. Wind tunnel studies of the movement of sedimentary material, *Proceedings of the 5th Hydraulic Conference*, Iowa Institute of Hydraulics, Iowa City, IA, 111-135. [sdmo
- Zingg, A.W. 1952b. *A study of the characteristics of sand movement by wind*, unpublished M.S. dissertation, Department of Agricultural Engineering, Kansas State College, Manhattan KA, ... [sdmo
- Zingg, A.W. 1953a. Wind-tunnel studies of the movement of sedimentary material, *Proceedings of the 5th Hydraulic Conference, Bulletin*, **34**, University of Iowa Studies in Engineering, Iowa City, IA, 111-135. [sdmo
- Zingg, A.W. 1953b. Quelques caractéristiques du mouvement éolien du sable par le processus de saltation, in *Actions éoliennes, phénomènes d'évaporation et d'hydrologie superficielle dans les régions arides, Colloques internationaux*, **35**, Centre nationale de la Recherche scientifique (CNRS), Paris, 197-208. [sdmo abstract in Busche *et al.*, 1984
- Zingg, A.W. 1953c. Speculations on climate as a factor in the wind erosion problem of the Great Plains, *Transactions of the Kansas Academy of Sciences*, **56**, 371-377. [sdmo
- Zingg, A.W. 1954. The wind erosion problem in the Great Plains, *Transactions of the American Geophysical Union*, **35**, 252-258. [sdmo
- Zingg, A.W. and Chepil, W.S. 1950. Aerodynamics of wind erosion, *Agricultural Engineering*, **31**, 279-282. [sdmo

Zingg, A.W. and Woodruff, N.P. 1951. Calibration of a portable wind tunnel and dust collector developed to evaluate the erodibility of field surfaces, *Agronomy Journal*, **43** (4), 191-193. [sdmo]

Zohar, D., Argaman, Y. and Kott, Y. 1973. Effect of oxidation pond effluents on filtration of *E. coli* through dune sand, *Proceedings of the 4th Scientific Congress, Israeli Ecological Society*, **A**, 93-114. [dnuse dnhyd]

Zohary, M. 1944. Outline of the vegetation of Wadi Araba, *Journal of Ecology*, **32**, 204-213. [dnveg]

Zohary, M. 1947. Vegetation map of western Palestine, *Ecology*, **34**, 1-19. [dnveg]

Zohary, M. 1952a. Ecological studies in the vegetation of the Near Eastern deserts. I. Environmental and vegetation classes, *Israel Exploration Journal*, **2**, 210-215. [dnveg]

Zohary, M. 1952b. Ecological studies in the vegetation of the Near East, *Israel Exploration Journal*, **3**, ** [dnveg]

Zohary, M. 1953. Ecological studies in the vegetation of the Near Eastern deserts. III. Vegetation map of the central and southern Negev, *Palestine Journal of Botany*, **6**, ** [dnveg]

Zohary, M. 1956. The vegetation of the southern Negev, *Israel Journal of Botany*, **6**, 27-36. [dnveg]

Zohary, M. and Fahn, A. 1952. Ecological studies of east Mediterranean dune plants, *Bulletin of the Research Council of Israel*, **1**, 38-55. [dnveg codn]

Zohary, M. and Feinbrun, N. 1951. On the vegetation of the northern Negev, *Palestine Journal of Botany*, **5**, 96-114. [dnveg]

Zohary, M. and Orshan, G. 1954. Ecological studies in the vegetation of the near eastern deserts. V. *Zygophyllum dumosum* and its hydro-ecology in the Negev of Israel, *Vegetatio*, **5-6**, 341-350. [dnveg dnhyd]

Zo_adecki, K. 1978. *Study on the dynamics of the vegetation in deflationary basins on the _eba Spit*, unpublished M.Sc. dissertation, ** Gda_sk, 80 pp. [?blowouts codn dnveg]

Zollner, D. 1986. Sand dune stabilization in Somalia, *Forest Ecology Management*, **16** (NS1), 223-232. [dnuse]

Zonderwijk, P. 1954. The dune region of Voorne, an el dorado for the florist (in Dutch), *Levende Natuur*, **57**, 85-89. [dnveg codn]

Zoon, F.C. 1986. On the relative involvement of nematodes and other soil factors in the decline of *Hippophae rhamnoides* L. in the Netherlands, *Revue de Nématologie*, **9**, 314-** [dnecol codn dnveg]