

ZOOTAXA

1564

**Annotated checklist of the rotifers (Phylum Rotifera),
with notes on nomenclature, taxonomy and distribution**

HENDRIK SEGERS



Magnolia Press
Auckland, New Zealand

HENDRIK SEGERS

**Annotated checklist of the rotifers (Phylum Rotifera), with notes on nomenclature, taxonomy
and distribution**

(*Zootaxa* 1564)

104 pp.; 30 cm.

31 August 2007

ISBN 978-1-86977-129-4 (paperback)

ISBN 978-1-86977-130-0 (Online edition)

FIRST PUBLISHED IN 2007 BY

Magnolia Press

P.O. Box 41-383

Auckland 1346

New Zealand

e-mail: zootaxa@mapress.com

<http://www.mapress.com/zootaxa/>

© 2007 Magnolia Press

All rights reserved.

No part of this publication may be reproduced, stored, transmitted or disseminated, in any form, or by any means, without prior written permission from the publisher, to whom all requests to reproduce copyright material should be directed in writing.

This authorization does not extend to any other kind of copying, by any means, in any form, and for any purpose other than private research use.

ISSN 1175-5326 (Print edition)

ISSN 1175-5334 (Online edition)

Annotated checklist of the rotifers (Phylum Rotifera), with notes on nomenclature, taxonomy and distribution

HENDRIK SEGERS

Belgian Biodiversity Platform, Freshwater Laboratory, Royal Belgian Institute of Natural Sciences, Vautierstraat 29, B - 1000 Brussels Belgium. E-mail: Hendrik.segers@naturalsciences.be

Table of contents

Abstract	3
Introduction	3
Approach	4
Scope	4
Future prospects	9
Acknowledgements	9
References	10

Abstract

Phylum Rotifera comprises about 2030 known species classified in three main groups, the marine Seisonida (3 species), the Monogononta (1570 species) and the unique, exclusively parthenogenetic Bdelloidea with 461 clonal species. Here I present an annotated checklist of the taxon, giving the global distribution of the valid species. This checklist contains over 3,000 available names at the genus- and species-group level, including valid names and a non-comprehensive list of synonyms. A number of taxonomic and nomenclatural suggestions following from the review is presented. Suggestions include several new synonyms and two *nomina nova*: *Dissotrocha kostei* for *Dissotrocha aculeata* Koste, 1996 non Ehrenberg, 1838 (*stat. nov. ex. Dissotrocha hertzogi aculeata*) and *Lepadella zigzag* for *Lepadella bractea* Myers, 1934 non (Ehrenberg, 1838). This contribution also describes features of an on-line, global names database of the Rotifera, on which this checklist is based.

Key words: biodiversity, biogeography, Rotifera

Introduction

In recent years science has witnessed a rapid evolution from print to electronic media in the production of taxonomic resources. This inevitable evolution (see Godfray, 2002) is fostered by a large number of initiatives like the Global Biodiversity Information Facility (GBIF, <http://www.gbif.org/>), the Integrated Taxonomic Information System (ITIS, <http://www.itis.usda.gov/>), Species2000 (<http://www.sp2000.org>), and Universal Biological Indexer and Organizer (uBIO: <http://www.ubio.org>), to name a few. Even long-established resources like the International Commission on Zoological Nomenclature (ICZN, 1999; see <http://www.iczn.org/>) are turning towards the World Wide Web, (e.g., with the ZooBank initiative: <http://www.zoobank.org/>; Polaszek, 2005) notwithstanding the obvious difficulty the ephemeral character of electronic media pose to a stable scientific nomenclature.

Acknowledging this development, I present a checklist of the Rotifera of the world, extracted from a database compiled in the framework of the project 'Freshwater Animal Diversity Assessment' (see <http://FADA.biodiversity.be>).

In addition to the checklist I provide a short overview of a number of features of the database and some taxonomic and nomenclatural changes resulting from the literature review required to prepare the list. The present paper, together with the analysis of the diversity and biogeography of the Rotifera (Segers, in press), are intended as citable source for the database.

Approach

The checklist is based on the taxonomy of rotifers as presented in monographs listed in Table 1, and numerous recent publications. For practical reasons, only names or taxonomic changes published before November 1, 2006 are included.

Considering that subsequent lumping of distributional data is easy whereas the inverse is not, a splitting rather than lumping approach to taxonomy has been adopted. As a consequence, the diversity of rotifers turns out to be higher than previous estimates. This is especially so for genera like *Lepadella* and *Lecane*. In *Lepadella*, the lack of any comprehensive revision is responsible for the discrepancy, while *Lecane* is exemplary of the tendency towards a less inclusive species concept in Rotifera during recent years. This approach has been corroborated by recent research using molecular (e.g., Goméz et al., 2002) or detailed morphological techniques (Giri & José de Paggi, 2006), or combining different approaches (Ricci, 2001) and biogeography (Segers & Shiel, 2003), showing that diversity has generally been underestimated in Rotifera. On the other hand, many rotifer taxa exhibit wide morphological variability, either as a result of phenotypic plasticity and/or distortion during fixation or dehydration. Although this has long been known and is well documented (see Dumont, 1983; Koste & Shiel, 1989c; Segers, 1998), variants are still frequently being described as subspecies of common species. Such taxa, together with insufficiently described ones, are included in the present checklist as their names are available, but are tagged *species inquirenda* in the absence of a critical taxonomic revision. Names listed as referring to unrecognizable taxa in recent revisions listed in Table 1 have not been included. The taxonomy reflected in the list may not be satisfactory, especially in taxa for which no recent comprehensive reviews are available (e.g., Brachionidae, Lepadellidae, and Notommatidae).

The treatment of synonyms in the database is not comprehensive, but focuses on synonyms that occur in recent literature or that are occasionally listed as valid taxa. Older synonyms (especially in the morphologically variable Brachionidae: *Brachionus* and *Keratella*) can be found in Harring (1913) and Wiszniewski (1954). When necessary, care was taken to correct names in accordance with the International Code of Zoological Nomenclature (ICZN, 1999). Incorrect subsequent spellings are generally not taken into account unless they have some nomenclatural significance beyond their mere existence: keeping track of published spelling variants and *nomina nuda* in the vast ecological literature on rotifers is a daunting task with dubious relevance.

Data on distribution are presented for taxa considered valid only. This information is mostly drawn from the literature as in Table 1 and, as much as feasible, included only after critical assessment. A more complete analysis of the biodiversity and distribution of the rotifers, based on the data presented here, is as in Segers (in press).

Scope

The checklist and database, in its present version, contain 2127 species-level taxa of Rotifera, of which 109 are presently considered *species inquirenda*, and some 800 synonymous or alternative genus- and species-

level names. The vast majority of the valid names belong to Monogononta (1566), whereas Bdelloidea (461) and, especially, Seisonida (3) are much less diverse. The following information is provided:

Valid names of genus- and species-level taxa with authority, and the original combination of species-level names. Genera and species within genera are arranged alphabetically in the checklist in order to facilitate information retrieval. This ordering is consistent with Harring (1913) and Wiszniewski (1954).

Names with authority of synonyms of available genus-and species-level names, the latter in their original combination. The synonymy is incomplete for taxa in which a high number of older synonyms exist. For these I refer to Harring (1913) and Wiszniewski (1954).

Names with authority of some *species inquirendae* not included in recent revisions (see Table 1).

Taxonomic comments. This includes indication of taxonomically problematic cases, or instances where synonyms are in use as names of infrasubspecific variants. Unavailable names of infrasubspecific taxa are added in comments, except for those in genera like *Brachionus* and *Keratella*, where citing the exceedingly high number of names of variants, forms etc. would only add to confusion.

Occurrence in eight large biogeographical regions (Palearctic, Afrotropical, Oriental, Nearctic, Neotropical, Australian, Pacific and Antarctic), as circumscribed in Martens et al. (in press; see Figure 1), for all valid and recognisable species-level fresh- and/or brackishwater taxa. Marine, parasitic and interstitial taxa are mentioned as such. If relevant, a comment on distribution is added, mostly indicating that a regional record of a species is dubious, or that such a record may result from species introduction.

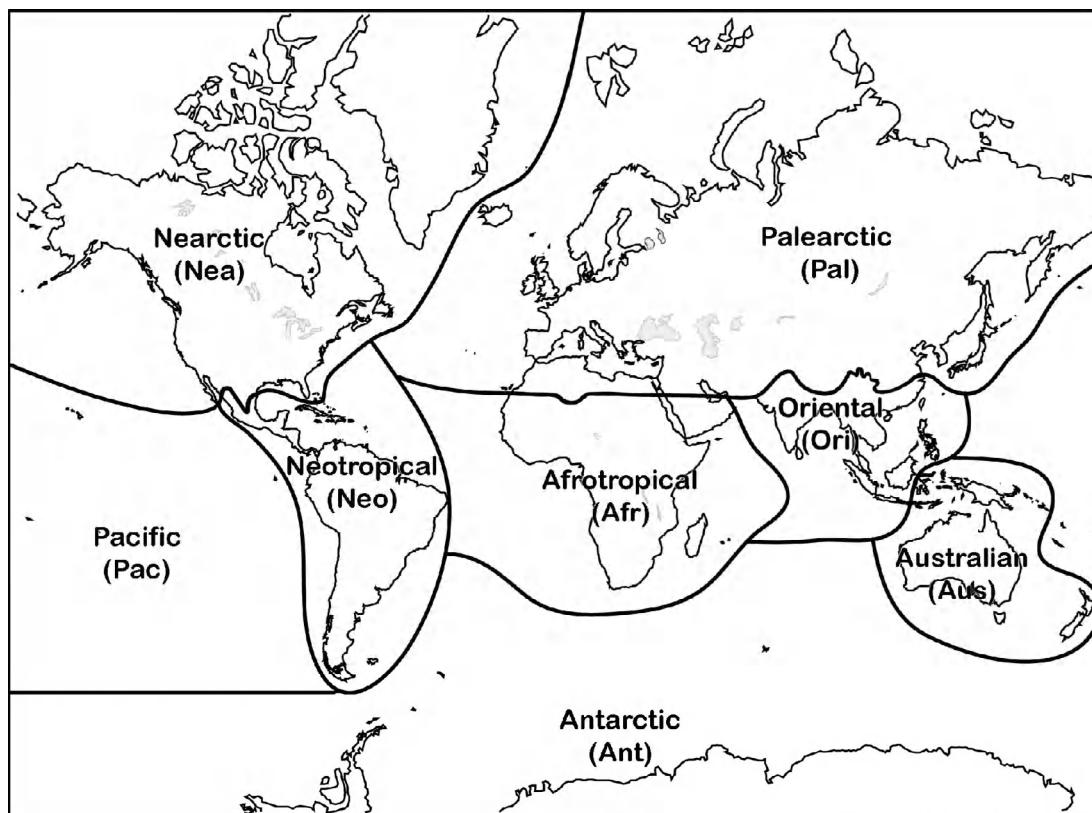


FIGURE 1. Definition of the eight regions used in this work (after Martens et al., in press.)

In addition, the database includes a higher-level classification of the free-living rotifers, after Segers (2002) and Wallace et al. (2006). The Acanthocephala, of which several authors argue that they are highly adapted parasitic representatives of the group (Mark Welch, 2000; see also Garcia-Varela et al., 2000; Giribet et al., 2000), are excluded.

The goal of the databasing exercise was not to introduce taxonomic or nomenclature novelties. However, a number of instances was found in which a change in taxonomy appeared warranted. In addition, some actual or potential homonyms were found. Many of the latter concern cases of congeneric, but not conspecific, subspecies with identical subspecies names. Because of the principle of coordination in zoological nomenclature, such cases are better avoided, or at least monitored. Especially, the subspecies rank of many rotifer subspecies is exclusively based on the consideration that there is a morphological resemblance between taxa. We now know that cryptic speciation occurs, and may be common, in Rotifera; hence such arguments for attributing subspecific rank are losing what little ground they ever had. Moreover, there are indications that what were once thought to be mere infrasubspecific variants could be taxonomically relevant entities (e.g., Giri & José de Paggi, 2006). Here, replacement names are only suggested for those junior homonyms that denote valid taxa. Other cases are listed as caution against potential future confusion.

The following are some suggestions on taxonomy and nomenclature:

Anchitestudinella mekongensis Bērziņš, 1973

Bērziņš (1973) contains two alternative spellings for the single species of *Anchitestudinella: mekogensis* and *mekongensis*. Subsequent authors have used either spelling, but none has ever clarified which of the two should be considered the correct spelling. Considering the etymology of the name, which is derived from River Mekong, I suggest treating the latter, with -n-, as correct original spelling under Art. 24.2.3 of the ICZN.

Brachionus inermispinosus De Smet, 1989 = *Epiphanes brachionus spinosa* Rousselet, 1901 (**new synonym**).

The detailed description and, especially, figures of the habitus and trophi of *B. inermispinosus* by De Smet (1989) reveal that the animal does not belong in *Brachionus*; rather, it is an *Epiphanes* and, most likely, synonymous with *E. brachionus spinosa*.

Brachionus anchorporus Xu, Chen & Rao, 1997 = *B. durgae* Dhanapathi, 1974 (**new synonym**).

The description by Xu *et al.* (1997) undoubtedly depicts *B. durgae*, a taxon of which these authors were apparently unaware.

Brachionus angularis orientalis Sudzuki, 1989 = *B. angularis* Gosse, 1851

The name *B. angularis orientalis* is a potential junior homonym of *B. orientalis* Rodewald, 1937, if the name would ever be used at the species level. Sudzuki's (1989) species, however, is based on a relatively common variant of *B. angularis* and is treated as a synonym rather than a different subspecies. This is in agreement with Sudzuki's (1998) treatment of the taxon as of infrasubspecific rank, although he reverts to listing it as a subspecies in Sudzuki (1999).

Brachionus angularis pseudokeikoa Sudzuki, 1992; *B. angularis pyriformis* Sudzuki & Huang, 1997; *B. angularis donghuensis* Sudzuki & Huang, 1997; *B. morondavaensis* Sudzuki, 1998 = *B. angularis* Gosse, 1851 (**new synonyms**)

Sudzuki (1999) cites the three subspecies listed above as species, in which case Sudzuki & Huang's (1997) *B. pyriformis* would have to be treated as a junior homonym of *B. pyriformis* Barrois & Daday, 1894, an established junior synonym of *B. angularis*. All four fall within the range of variability of *B. angularis*; *B. angularis donghuensis* is a poorly contracted specimen of *B. angularis bidens*, according to a photograph in Sudzuki (1999). A fifth taxon, *B. angularis daitojimensis* Sudzuki, 1992 is listed as an infrasubspecific variant, hence a synonym, of *B. angularis* by Sudzuki (1999) himself.

B. dimidiatus isigakiensis Sudzuki, 1992; *B. cluniorbicularis isigakiensis* Sudzuki 1992 and *B. durgae isigakiensis* Sudzuki 1992

Sudzuki (1992) named three new *Brachionus* subspecies “*isigakiensis*”. All three are easily recognized as belonging to previously established taxa, as far as can be judged from the relevant descriptions and photographs in Sudzuki (1992, 1999):

B. dimidiatus isigakiensis Sudzuki, 1992 (*Brachionus isigakiensis* in Sudzuki 1998, 1999) is a poorly contracted *B. bennini* Leissling (**new synonym**).

B. cluniorbicularis isigakiensis Sudzuki 1992 is an unspined variant (f. *cluniorbicularis*) of *B. quadridentatus* Hermann (**new synonym**).

B. durgae isigakiensis Sudzuki 1992 falls within the range of variability of the nominal species, hence it is here considered a synonym of *B. durgae* Dhanapathi (**new synonym**).

As all three enter into synonymy, there appears to be no imminent danger of nomenclatural confusion between the three potential homonyms.

Brachionus brevispinus Sudzuki & Huang, 1997 = *B. huangi* Zhuge & Koste, 1996 (**new synonym**).

Although the taxonomic separation of the short-spined *B. huangi* and *B. brevispinus* versus *B. diversicornis* Daday may require substantiation, *B. huangi* and *B. brevispinus* are obviously identical. As *B. brevispinus* Sudzuki & Huang, 1997 enters into synonymy, there is no danger of confusion with its senior homonym *B. brevispinus* Ehrenberg, 1832, itself a synonym, and representing a well-known and common infrasubspecific variant, of *B. quadridentatus* Hermann.

Brachionus lyratus yonaguniensis Sudzuki, 1992 = *B. angularis* Gosse, 1851 (**new synonym**).

This taxon, listed as *B. yonaguniensis* by Sudzuki (1999), appears to be yet another variant of *B. angularis*. An appurtenance to *B. lyratus* is not evident from the available description and photographs.

Brachionus variabilis kasumigaurensis Sudzuki, 1998 = *B. rubens* Ehrenberg, 1838 (**new synonym**).

The available pictures of *B. variabilis kasumigaurensis* (see Sudzuki, 1999), especially the shape of antero-dorsal spines and minute size of the rounded process on the dorsal foot aperture margin reveal a synonymy with *B. rubens*.

Encentrum grande (Western, 1891) and *Encentrum kulmatyckii* (Wiszniewski, 1953)

De Smet in De Smet & Pourriot (1997) argued that the description of *Encentrum grande* (Western) is unrecognisable, and proposed to refer to Harring & Myers' (1928) description as reference for the taxonomic identity of *E. grande*. Considering the poor quality of many original descriptions of Rotifera and the absence of type material, this is common practice in rotifer taxonomy. However, he further retained *E. grande* (Western) as *species inquirenda*, and included a *E. grande* Harring & Myers, 1928 in his treatment. This confusingly results in the recognition of two homonymous taxa, one *E. grande* (Western) and *E. grande sensu* Harring & Myers (1928) which, in fact, should be attributed to De Smet (1997). The name *Encentrum kulmatyckii* (Wiszniewski, 1953), a junior synonym of *E. grande sensu* Harring & Myers (1926), is available for the latter taxon.

Dissotrocha hertzogi aculeata Koste, 1996 versus *Dissotrocha aculeata aculeata* Ehrenberg, 1838

Koste's (1996) taxon has distinct body outgrowths (none in *D. hertzogi*), and lacks the extraordinarily long rostrum ciliae and offset spur tips of *Dissotrocha hertzogi* (see Donner, 1965). These morphological differences are of a nature and magnitude that is generally considered relevant at the species level in bdelloid rotifer taxonomy. In addition, it is particularly difficult to conform a species, let alone a subspecies, definition to an exclusive parthenogenetically reproducing taxon. I therefore suggest treating the two as separate species-level taxa and, because of the homonymy of Koste's name with Ehrenberg's, I have the pleasure to suggest the name *Dissotrocha kostei*, honouring Dr h.c. W. Koste, as replacement name for the taxon (***nomen novum***).

Keratella heywoodi Dartnall, 2005 = *K. kostei* Paggi, 1981 (**new synonym**)

Both Dartnall's (2005) and Paggi's (1981) descriptions point to the absence of a foundation pattern on the dorsal lorica, small size of antero-median and antero-intermedian, but large and ventrally-pointed antero-lateral spines as characteristic features of their new species. As Dartnall (2005) does not mention *K. kostei* in his text, he may not have been aware of the existence of that name. The species occurs in Patagonia, Argentina (Paggi, 1981), and on the Falkland Islands and South Georgia (Dartnall, 2005).

Pompholyx acutangula Wu, 1981 = *Testudinella brevicaudata* Yamamoto, 1951 (**new synonym**).

Wu's (1981) clear and detailed illustrations depict an animal with a large foot aperture. It therefore does not belong to *Pompholyx*, rather it is a previously described *Testudinella*, *T. brevicaudata*.

Testudinella tridentata obtusa Wu, 1981 = *Testudinella greeni* Koste, 1981 (**new synonym**).

The figures and photographs of Wu's *T. tridentata obtusa* unmistakably depict a *T. greeni*. Apparently, Wu (1981) was not aware of the latter species.

Hemimonostyla blachei tutiurensis Sudzuki, 1998 = *Lecane stenroosi* Meissner, 1908 (**new synonym**).

The photograph of *H. blachei tutiurensis* by Sudzuki (1998) leaves no doubt as to its synonymy with *L. stenroosi*.

Lecane kasumiensis Sudzuki, 1998 = *Lecane papuana* (Murray, 1913) (**new synonym**).

Again, the photograph of *L. kasumiensis* by Sudzuki (1998) leaves no doubt as to its synonymy with *L. papuana*.

Lepadella bractea Myers, 1934 versus *Squamella bractea* Ehrenberg, 1838.

Myers' name is threatened by its homonymy with *Squamella bractea* Ehrenberg, an established junior synonym of *Lepadella patella* Müller, 1786. Here, a replacement name is in order as confusion between the two has occurred (Nogrady in Boyko, 1994), notwithstanding that Ehrenberg's name is hardly ever found in combination with the genus name *Lepadella*. Myers' (1934) animal is a remarkable but rare Northeast North American endemic that is unmistakable by the prominent zig-zag crest on its dorsal lorica. I suggest the name *Lepadella zigzag* as ***nomen novum*** for the taxon.

Lepadella parvula De Graaf, 1956 versus *L. parvula* Bryce, 1893

Lepadella parvula De Graaf, 1956 is a junior homonym of *Lepadella parvula* Bryce, 1893 and of the previously replaced *L. parvula* Montet, 1915 (valid name: *Lepadella minuta* Weber & Montet, 1919). As *Lepadella parvula* De Graaf is an established junior synonym of *Lepadella patella* Müller, there is no imminent need for a replacement name.

Macrotrachela ligulata Haigh, 1965; *Macrotrachela nana ligulata* Schulte, 1954; *Macrotrachela quadricornifera ligulata* Bērziņš, 1950

Awaiting a revision of the large and complex genus *Macrotrachela*, I merely point out that *Macrotrachela quadricornifera ligulata* Bērziņš, 1950 and *M. nana ligulata* Schulte, 1954 are potential senior homonyms of *M. ligulata* Haigh, 1965, if any or both of the first-mentioned ones would ever be raised to species rank.

The genus *Diplois* Gosse, and its single species *D. daviesae* Gosse are here considered *genus et species inquirendae*. Scrutiny of the available literature on the taxon, and consultation with colleagues revealed that only Gosse's description exists, and that there are no reliable records or sightings of the species (W.H. De Smet, *in lit.*, R.J. Shiel, *in lit.*, C. Jersabek, *in lit.*). The description of *Pseudoembata parasitica* by Wycliffe & Michael (1968) does not enable recognition of the taxon; the arguments for erection of a new genus are not supported in the literature (see Donner, 1965). Also this taxon is therefore considered *genus et species inquirendae*.

Future prospects

The database mentioned here will be made freely accessible through the World Wide Web. In a first phase, researchers will be offered the possibility to select and extract a structured name list from the database. By this service, it is hoped to reduce the number of misspellings and other inconsistencies in the published literature.

In a second phase, the possibility will be offered to submit and save regional or local (georeferenced) checklists to the database, together with metadata on these checklists. One of the goals of the database is to provide a resource to as reliable as possible data on the distribution of Rotifera. Hence, we envisage installing a system comparing submitted lists with reviewed distributional data so that new regional species records will be highlighted and, eventually, reviewed by peers. This review process may involve submitting material enabling the positive identification of the species concerned and, if this is possible by the nature of the taxon, by illustrating remarkable records through relevant photographs or original drawings on the web site.

Acknowledgements

The present work was done as part of the project "Freshwater Animal Diversity Assessment", funded by the Belgian Science Policy Office, and benefited greatly from a previous compilation of a European species register under the EU-funded (FP5) *Fauna Europaea* project. The Belgian Biodiversity Platform (www.biodiversity.be), especially A. Heughebaert, and N. Youdjou, transposed information from a spreadsheet to a database and to structured text, performed quality control and developed a web site and portal for the database.

I'm indebted to R.L. Wallace and an anonymous referee for reviewing the manuscript of this paper, and to W.H. De Smet and, especially, C. Jersabek for suggestions and corrections to the list.

References

- Ahlstrom, E.H. (1940) A revision of the Rotatorian genera *Brachionus* and *Platyias* with descriptions of one new species and two new varieties. *Bulletin of the American Museum of Natural History*, 77, 148–84.
- Ahlstrom, E.H. (1943) A revision of the rotatorian genus *Keratella* with descriptions of three new species and five new varieties. *Bulletin of the American Museum of Natural History*, 80: 411–457.
- Bērziņš, B. (1973) Some Rotifers from Cambodia. *Hydrobiologia*, 41, 453–459.
- Bērziņš, B. (1982) *Die Unterarten von Dissotrocha aculeata (macrostyla)*. Limnologisches Institut, Lund, 10 pp., 4 plates.
- Boyko, C.B. (1994) Catalog of Recent Type Specimens in the Department of Invertebrates, American Museum of Natural History. I. Micro-Invertebrates (Phyla Sarcomastigophora, Gnathostomula, Gastrotricha, Rotifera, and Tardigrada). *American Museum Novitates*, 3106, 44 pp.
- Dartnall, H.J.G. (2005) A new species of *Keratella* (Rotifera, Monogononta: Brachionidae) from South Georgia and the Falkland Islands. *Quekett Journal of Microscopy*, 40, 41–46.
- De Ridder, M. (1986) *Annotated checklist of non-marine rotifers (Rotifera) from African inland waters*. Zoologische Documentatie, Koninklijk Museum voor Midden-Afrika, Tervuren, Belgium, 21, 123 pp.
- De Ridder, M. (1991) Additions to the "Annotated checklist of non-marine rotifers (Rotifera) from African inland waters". *Revue d'Hydrobiologie tropicale*, 24, 25–46.
- De Ridder, M. (1993) Additions II to the "Annotated checklist of non-marine rotifers (Rotifera) from African inland waters". *Biologisch Jaarboek Dodonaea*, 61, 99–153.
- De Ridder, M. & Segers, H. (1997) *Monogonont Rotifera recorded in the World literature (except Africa) from 1960 to 1992*. Studiedocumenten van het KBIN, 88, Brussels, Belgium, 481 pp.
- De Smet, W.H. (1989) Rotifera uit de Galápagoseilanden. *Natuurwetenschappelijk Tijdschrift*, 69, 110–131.
- De Smet, W.H. (1996) The Proalidae (Monogononta). In Nogrady T. (Ed.) *Rotifera 4 In Dumont H.J. (Ed.) Guides to the Identification of the Microinvertebrates of the Continental Waters of the World 9*. SPB Academic, The Hague, The Netherlands, 102 pp.
- De Smet, W.H. (2006) Asciaporrectidae, a new family of Rotifera (Monogononta: Ploima) with description of *Asciaporrecta arcelllicola* gen. et sp. nov. and *A. diffugicola* gen. et sp. nov. inhabiting shells of testate amoebae (Protozoa). *Zootaxa*, 1339, 31–49.
- De Smet W.H. & Pourriot R. (1997) The Dicranophoridae (Monogononta) and the Ituridae (Monogononta). In Nogrady T. (Ed.) *Rotifera 5 In Dumont H.J. (Ed.) Guides to the Identification of the Microinvertebrates of the Continental Waters of the World 12*. SPB Academic, The Hague, The Netherlands, 344 pp.
- Donner, J. (1965) *Ordnung Bdelloidea (Rotatoria, Rädertiere)*. Bestimmungsbücher zur Bodenfauna Europas 6: 1–267. Akademie Verlag, Berlin, 297 pp.
- Dumont, H.J. (1983) Biogeography of rotifers. *Hydrobiologia*, 104, 19–30.
- Fontaneto, D., Herniou, E.A., Barraclough, T.G. & Ricci, C. (in press) On the global distribution of microscopic animals: new worldwide data on bdelloid rotifers. *Zootaxa*.
- García-Varela, M., Pérez-Ponce de Leon, G., de la Torre, P., Cummings, M. P., Sarma, S. S. S. & Laclette, J. P. (2000) Phylogenetic relationships of Acanthocephala based on analysis of 18S ribosomal RNA gene sequences. *Journal of Molecular Evolution*, 50, 532–540.
- Giri, F. & José de Paggi, S. (2006) Geometric morphometric and biometric analysis for the systematic elucidation of *Brachionus caudatus* Barrois and Daday, 1894 (Rotifera Monogononta Brachionidae) forms. *Zoologischer Anzeiger*, 244, 171–180.
- Giribert, G., Distel, D.L., Polz, M., Sterrer, W. & Wheeler, W.C. (2000) Triploblastic relationships with emphasis on the acelomates and the position of Gnathostomulida, Cycliophora, Plathelminthes, and Chaetognatha: a combined approach of 18S rDNA sequences and morphology. *Systematic Biology*, 49(3), 539–562.
- Godfray, H.C.J. (2002) Challenges for taxonomy. *Nature*, 417, 17–19.
- Gómez, A., Serra, M., Carvalho, G.R. & Lunt, D.H. (2002) Speciation in ancient cryptic species complexes: evidence from the molecular phylogeny of *Brachionus plicatilis* (Rotifera). *Evolution*, 56, 1431–1445.
- Harring, H. K. (1913) Synopsis of the Rotatoria. *Bulletin of the United States National Museum*, 81, 1–226.
- Harring, H.K. & Myers, F.J. (1928) The rotifer fauna of Wisconsin, IV. The Dicranophorinae. *Transactions of the Wisconsin Academy of Science, Arts and Letters*, 23, 667–808.
- International Commission on Zoological Nomenclature, 1999. *International Code of Zoological Nomenclature*. The International Trust for Zoological Nomenclature, London, 306 pp.
- Jersabek, C.D. (2003) Freshwater Rotifera (Monogononta) from Hawai'i - a preliminary checklist. *Bishop Museum occasional papers*, 74, 46–72.
- Koste, W. (1978) *Rotatoria. Die Rädertiere Mitteleuropas*. Borntraeger, Berlin, Stuttgart, 2 vols: 673 pp., 234 plates.
- Koste, W. (1996) On soil Rotatoria from a Lithotelma near Halali Lodge in Etosha National Park in N-Namibia, South

- Africa. *Internationale Revue der gesamten Hydrobiologie*, 81(3), 353–365.
- Koste, W. & Shiel, R.J. (1987) Rotifera from Australian Inland waters II. Epiphanidae and Brachionidae (Rotifera: Monogononta). *Invertebrate Taxonomy*, 7, 949–1021.
- Koste, W. & Shiel, R.J. (1989a) Rotifera from Australian Inland waters III. Euchlanidae, Mytilinidae and Trichotriidae. *Transactions of the Royal Society of South Australia*, 113(1-2), 85–114.
- Koste, W. & Shiel, R.J. (1989b) Rotifera from Australian Inland waters IV. Colurellidae (Rotifera: Monogononta). *Transactions of the Royal Society of South Australia*, 113(3), 119–143
- Koste, W. & Shiel, R.J. (1989c) Classical taxonomy and modern methodology. *Hydrobiologia*, 186/187, 279–284.
- Kutikova, L.A., Markevich, G.I. & Spiridonov, S.E. (1990) A new rotifer *Claria segmentata*, sp. Nov. from the intestine of the earthworm. In: Kutikova, L.A. (Ed.), *Rotifera. Proceedings of the third All-Union rotifer symposium*. Lenin-grad, pp. 117–122.
- Mark Welch, D.B., (2000) Evidence from a protein-coding gene that acanthocephalans are rotifers, *Invertebrate Biology*, 119(1), 17–26.
- Martens, K., Balian, E., Lévéque, C. & Segers, H. (in press) An introduction to the Freshwater Animal Diversity Assessment. *Hydrobiologia*.
- Myers, F.J. (1934) The distribution of Rotifera on Mount Desert Island. Part VI. New Brachionidae of the genus *Lepadella*. *American Museum Novitates*, 760, 10 pp.
- Nogrady T. & Segers H. (Eds) (2002) Rotifera 6. The Asplanchnidae, Gastropodidae, Lindiidae, Microcodinidae, Synchaetidae, Trochosphaeridae. In Dumont H.J. (Ed.) *Guides to the Identification of the Microinvertebrates of the Continental Waters of the World* 18. Backhuys Publishers BV, Dordrecht, The Netherlands, 264 pp.
- Nogrady T., Pourriot R. and Segers H. (1995) The Notommatidae and The Scaridiidae. In Nogrady T. (Ed.) Rotifera 3 In Dumont H.J. (Ed.) *Guides to the Identification of the Microinvertebrates of the Continental Waters of the World* 8. Pp 248. SPB Academic, The Hague, The Netherlands, 248 pp.
- Paggi, J.C. (1981) Observaciones sobre el zooplancton de algunos lagos de la Patagonia extrandina. I. Rotíferos. *Studies on Neotropical Fauna and Environment*, 16, 23–33.
- Polaszek, A. (2005) A universal register for animal names. *Nature*, 437, 477.
- Ricci, C. (2001) A reconsideration of the taxonomic status of *Macrotrachela quadricornifera* (Rotifera, Bdelloidea). *Journal of Zoology*, 255, 273–277.
- Ricci C, Shiel, R.J., Fontaneto , D. & Melone, G. (2003) Bdelloid rotifers recorded from Australia with description of *Philodinavus aussiensis* n. sp. *Zoologischer Anzeiger*, 242, 241–248.
- Segers, H. (1995a) The Lecanidae (Monogononta). In Nogrady T. (Ed.) Rotifera 2 In Dumont H.J. (Ed.) *Guides to the Identification of the Continental Waters of the World* 6. SPB Academic, The Hague, The Netherlands, 226 pp.
- Segers, H. (1995b) *World records of Lecanidae (Rotifera: Monogononta)*. Studiedocumenten van het Koninklijk Belgisch Instituut voor Natuurwetenschappen, 81, 114 pp.
- Segers, H. (1998) An analysis of taxonomic studies on Rotifera: a case study. *Hydrobiologia*, 387/388, 9–14.
- Segers, H. (2002) The nomenclature of the Rotifera: annotated checklist of valid family- and genusgroup names. *Journal of Natural History*, 36, 631–640.
- Segers, H. (2003) A biogeographical analysis of rotifers of the genus *Trichocerca* Lamarck, 1801 (Trichocercidae, Monogononta, Rotifera), with notes on taxonomy. *Hydrobiologia*, 500, 113–114.
- Segers, H. (in press) Global diversity and distribution of the rotifers (Phylum Rotifera). *Hydrobiologia*
- Segers, H. & Shiel, R.J. (2003) Microfaunal diversity in a biodiversity hotspot: New rotifers from South-western Australia. *Zoological Studies*, 42(4), 516–521.
- Segers, H. & Wallace, R.L. (2001) Phylogeny and classification of the Conochilidae (Rotifera: Monogononta). *Zoologica Scripta*, 30(1), 37–48.
- Srensen, M.V., Segers, H. & Funch, P. (2005) On a new *Seison* Grube, 1859 from coastal waters in Kenya, with a reappraisal of the classification of Seisonida (Rotifera). *Zoological Studies*, 44(1), 34–43.
- Sudzuki, M. (1989) Rotifera from the Oriental Region and their characteristics. Special Issue celebrating the Centennial Anniversary of the Foundation of Nihon Daigaku University, Tokyo, 3: 325–366.
- Sudzuki, M. (1992) New Rotifera from Southwestern Island of Japan. *Proceedings of the Japanese Society of Systematic Zoology*, 46, 17–28.
- Sudzuki, M. (1998) Tentative keys to species groups, species and intraspecies of the common rotifers I. *Anuraeopsis & Brachionus*. *Obun Ronso*, 47, 125–147.
- Sudzuki, M. (1999) *An approach to the identification of the common rotifers*. Sanseido, Tokyo, 151 pp.
- Sudzuki, M. & Huang, X. (1997) New Rotifera from Wuhan. *Chinese Journal of Oceanology and Limnology*, 15(2), 181–185.
- Wallace, R.L., Snell, T.W. & Ricci, C. (2006) Rotifera vol. 1: Biology, Ecology and Systematics (2nd edition). *Guides to the Identification of the Microinvertebrates of the Continental Waters of the World. Volume 23*. (ed. Segers, H., Dumont, H.J.). Kenobi productions, Ghent, Belgium and Backhuys Academic Publishing bv, The Hague, The Neth-

- erlands, 299 pp.
- Wiszniewski, J. (1954) Matériaux relatifs à la nomenclature et à la bibliographie des Rotifères. *Polskie Archiwum Hydrobiologii*, 2, 7–249.
- Wu, Z. (1981) Notes on some freshwater rotifers from China. *Acta Zootaxonomica Sinica*, 6(3), 235–242 (in Chinese).
- Wycliffe, J. & Michael, G. (1968) *Pseudoembata acutipoda* gen. et sp. nov. (Rotifera: Bdelloidea), an epizoic rotifer. *Current Science*, 37, 106–108.
- Xu, Y., Chen, Y. & Rao, X. (1997) New material of freshwater rotifer of Fujian. *Journal of Fujian teachers university (Natural Science)*, 13(3), 77–80 (in Chinese).

Table 1. List of major literature resources consulted.

Higher-level classification: Segers (2002); Wallace et al. (2006).

Seisonidae: Sørensen et al. (2005)

Bdelloidea: Donner (1965) (taxonomy), Bérziņš (1982) (*Dissotrocha aculeata* group), Fontaneto et al. (in press) and Ricci et al (2003) (distribution).

Monogononta: Koste (1978) (taxonomy), De Ridder (1986, 1991, 1993), De Ridder & Segers (1997) and Jersabek (2003) (distribution).

Asciaporrectidae: De Smet (2006)

Asplanchnidae: José de Paggi in Nogrady & Segers (2002)

Brachionidae: Koste (1978), Koste & Shiel (1987). Also: Ahlstrom (1940, 1943)

Clariidae : Kutikova et al. (1990)

Conochilidae: Segers & Wallace (2001)

Dicranophoridae: De Smet & Pourriot (1997)

Epiphaniidae: Koste & Shiel (1987)

Euchlanidae : Koste (1978), Koste & Shiel (1989a)

Gastropodidae: Radwan & Bielanska-Grajner in Nogrady & Segers (2002)

Ituridae: De Smet & Pourriot (1997)

Lecanidae: Segers (1995a, 1995b)

Lepadellidae: Koste & Shiel (1989b)

Lindiidae: Segers in Nogrady & Segers (2002)

Microcodidae: De Smet in Nogrady & Segers (2002)

Mytilinidae: Koste & Shiel (1989a)

Notommatidae: Nogrady et al. (1995)

Proalidae: De Smet (1996)

Scaridiidae: Segers in Nogrady et al. (1995)

Synchaetidae: Hollowday in Nogrady & Segers (2002)

Trichocercidae: Koste (1978) Segers (2003)

Trichotriidae: Koste & Shiel (1989a)

Trochospaeridae: Segers in Nogrady & Segers (2002), Sanoamuang in Nogrady & Segers (2002)

Table 2. Checklist of the Rotifera

Legend: AFR: Afrotropical region; ANT: Antarctic region; AUS: Australian region; NEA: Nearctic region; NEO: Neotropical region; ORI: Oriental region; PAC: pacific region; PAL: Palearctic region (see Figure 1).

***Abrochtha* Bryce, 1910**

Abrochtha carnívora Ricci, Melone & Walsh, 2001: NEO

Abrochtha intermedia (de Beauchamp, 1909): NEA, PAL

Philodina intermedia de Beauchamp, 1909

***Acyclus* Leidy, 1882**

Hyalopephalus Lucks, 1911

Acyclus inquietus Leidy, 1882: NEA, ORI, PAL

Acyclus trilobus (Lucks, 1911): PAL

Hyalopephalus trilobus Lucks, 1911

***Adineta* Hudson & Gosse, 1886**

Adineta acuticornis Haigh, 1967: AUS

Adineta barbata Janson, 1893: AFR, ANT, AUS, NEA, NEO, PAL

Adineta bartosi Wulfert, 1960: PAL

Adineta cuneata Milne, 1916: AFR, AUS, NEA, PAL

Adineta elongata Rodewald, 1935: PAL

Adineta glauca Wulfert, 1942: AUS, PAL

Adineta gracilis Janson, 1893: AFR, ANT, AUS, NEA, ORI, PAL

Adineta grandis Murray, 1910: AFR, ANT

Adineta longicornis Murray, 1906: AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL

Adineta oculata (Milne, 1886): NEO, PAL

Callidina oculata Milne, 1886

Syn.: *Adineta alluandi* Certes, 1903

Adineta ricciae Segers & Shiel, 2005: AUS

Adineta steineri Bartoš, 1951: ANT, AUS, NEA, NEO, PAL

Adineta tuberculosa Janson, 1893: AFR, AUS, PAL

Adineta vaga (Davis, 1873)

Callidina vaga Davis, 1873

Adineta vaga major Bryce, 1893: NEA, ORI, PAL

Adineta vaga minor Bryce, 1893: AUS, NEA, ORI, PAL

Adineta vaga rhomboidea Bērziņš, 1950: PAL

Adineta vaga tenuicornis Bryce, 1926: PAL

Adineta vaga vaga (Davis, 1873): AFR, ANT, AUS, NEA, NEO, ORI, PAL

***Albertia* Dujardin, 1838**

Albertia crystallina Schultze, 1851 (Endoparasitic in marine and brackish water Oligochaeta)

Albertia naidis Bousfield, 1886 (Endoparasitic in freshwater Oligochaeta)

Syn.: *Albertia bernardi* Hlava, 1904

Syn.: *Albertia caudata* Manfredi, 1927

Syn.: *Albertia intrusor* Gosse, 1886

Syn.: *Albertia soyeri* Coineau & Kunst, 1964

Albertia ovagranulata Valovaya, 1991 (Endoparasitic in marine Oligochaeta)

Albertia reicheltae Koste, 1970 (Endoparasitic in freshwater Oligochaeta)

Albertia typhlina Harring & Myers, 1928 (Ecology unknown)

Albertia vermiculus Dujardin, 1938 (Endoparasitic in terrestrial Oligochaeta and Mollusca)

Albertia woronkowi Zenkewitsch, 1922 (Endoparasitic in freshwater Oligochaeta; Baikal endemic)

***Anchitestudinella* Bērziņš, 1973**

Anchitestudinella mekongensis Bērziņš, 1973: ORI

***Anomopus* Piovanelli, 1903**

Anomopus chasmagnathi Mane-Garzon & Montero, 1973: NEO

Anomopus telphusae Piovanelli, 1903: AFR, PAL

***Anuraeopsis* Lauterborn, 1900**

Anuraeopsis coelata de Beauchamp, 1932: AFR, AUS, NEA, NEO, ORI, PAL

Syn.: *Anuraeopsis lata singapurensis* Sudzuki, 1989

Anuraeopsis coelata coelata de Beauchamp, 1932

Anuraeopsis coelata kehjengi Sudzuki, 1989 (*species inquirenda*)

Anuraeopsis cristata Bērziņš, 1956: ORI

Anuraeopsis fissa Gosse, 1851: AFR, AUS, NEA, NEO, ORI, PAL

Syn.: *Anuraeopsis hypelasma* Gosse, 1886

Anuraeopsis fissa beauchampi Bērziņš, 1962 (*species inquirenda*)

Anuraeopsis fissa donghuensis Sudzuki & Huang, 1997 (*species inquirenda*)

Anuraeopsis fissa fissa Gosse, 1851

Anuraeopsis fissa haueri Bērziņš, 1962 (*species inquirenda*)

Anuraeopsis fissa neali Bērziņš, 1962 (*species inquirenda*)

Anuraeopsis fissa pseudonavicula Sudzuki & Huang, 1997 (*species inquirenda*)

Anuraeopsis lata Bērziņš, 1962 (*species inquirenda*)

Anuraeopsis miracleae Koste, 1991: PAL

Anuraeopsis navicula Rousselet, 1911: AUS, NEA, NEO, ORI, PAL

Syn.: *Anuraeopsis congolensis* Evans, 1947

Syn.: *Anuraeopsis racenisi* Bērziņš, 1962

Anuraeopsis navicula berzinsi Sudzuki, 1998 (*species inquirenda*)

Anuraeopsis navicula navicula Rousselet, 1911

Anuraeopsis quadriantennata (Koste, 1974): NEO

Paranuraeopsis quadriantennata Koste, 1974
Anuraeopsis siolii Koste, 1972: NEO
Anuraeopsis urawensis Sudzuki, 1957: NEO, PAL
Anuraeopsis wulferti Sudzuki, 1998 (*species inquirenda*)

***Asciaporrecta* De Smet, 2006**

Asciaporrecta arcellicola De Smet, 2006: NEA, PAL
Asciaporrecta difflugicola De Smet, 2006: NEA, PAL
Asciaporrecta hyalina (Wulfert, 1939): PAL
Pleurotrocha hyalina Wulfert, 1939

***Ascomorpha* Perty, 1850**

Chromogaster Lauterborn, 1893
Sacculus Gosse, 1851

Ascomorpha agilis Zacharias, 1893: AFR, PAL
Ascomorpha dumonti De Smet, 1992: AFR
Ascomorpha ecaudis Perty, 1850: AFR, AUS, NEA, ORI, PAL

Syn.: *Ascomorpha germanica* Leydig, 1854
Syn.: *Ascomorpha helvetica* Perty, 1852
Syn.: *Sacculus viridis* Gosse, 1851

Ascomorpha klementi (Hauer, 1965): NEO
Chromogaster klementi Hauer, 1965

Ascomorpha minima Hofsten, 1909: NEA, PAL
Ascomorpha ovalis (Bergendal, 1892): AFR, AUS, NEA, NEO, ORI, PAL
Anapus ovalis Bergendal, 1892
Syn.: *Sacculus cuirassis* Hood, 1894
Syn.: *Chromogaster testudo* Lauterborn, 1893
Ascomorpha saltans Bartsch, 1870
Ascomorpha saltans indica Wulfert, 1966: AUS, NEO, ORI, PAL
Ascomorpha saltans saltans Bartsch, 1870: AFR, AUS, NEA, NEO, ORI, PAL
Syn.: *Sacculus hyalinus* Kellicott, 1888
Ascomorpha tundisii Segers & Dumont, 1995: NEO, PAL

***Ascomorphella* Wiszniewski, 1953**

Hertwigella Voigt, 1957
Hertwigia Plate, 1886 *non* Schmidt, 1880

Ascomorphella volvocicola (Plate, 1886): AFR, AUS, NEA, ORI, PAL
Hertwigia volvocicola Plate, 1886
Syn.: *Proales parasita* Gosse, 1852 (*non* Ehrenberg (1838))

Aspelta Herring & Myers, 1928

- Aspelta alastor* Herring & Myers, 1928: NEA, PAL
Aspelta angusta Herring & Myers, 1928: NEA, PAL
Aspelta aper (Herring, 1913): AUS, NEA, NEO, PAL
 Encentrum aper Herring, 1913
Aspelta beltista Herring & Myers, 1928: NEA
Aspelta bidentata Wulfert, 1961: PAL
Aspelta chorista Herring & Myers, 1942: NEA
Aspelta circinator (Gosse, 1886): AUS, NEA, NEO, PAL
 Diglena circinator Gosse, 1886
 Syn.: *Diglena giraffa* Gosse, 1886
Aspelta clydona Herring & Myers, 1928 (marine)
 Syn.: *Aspelta antonowiezae* d'Hondt, 1970
Aspelta curvidactyla Bērziņš, 1949: AFR, NEA, PAC, PAL
Aspelta egregia Myers, 1936: NEA, PAL
Aspelta europaea Hauer, 1939: PAL (marine and freshwater)
Aspelta harringtoni Remane, 1929 (marine)
Aspelta imbuta Herring & Myers, 1928: NEA, NEO
 Syn.: *Aspelta ecuadoriensis* Koste, 1992
Aspelta intradentata Bērziņš, 1949: PAL
Aspelta labri Herring & Myers, 1928: NEA, PAL
Aspelta lestes Herring & Myers, 1928: NEA, PAL
Aspelta macra Herring & Myers, 1928: NEA, PAL
Aspelta pachida (Gosse, 1887) (marine)
 Diglena pachida Gosse, 1887
 Syn.: *Pleurotrocha littoralis* Levander, 1894
Aspelta psitta Herring & Myers, 1928: AUS, NEA, PAL
Aspelta reibischii (Remane, 1929) (marine)
 Encentrum reibischii Remane, 1929
Aspelta tilba Koste & Shiel, 1987: AUS

Asplanchna Gosse, 1850

- Asplanchnella* Sudzuki, 1964
Asplanchna asymmetrica Shiel & Koste, 1985: AUS
Asplanchna brightwellii Gosse, 1850: AFR, AUS, NEA, NEO, ORI, PAC, PAL
 Syn.: *Asplanchna sieboldii urawaensis* Sudzuki, 1956
Asplanchna girodi de Guerne, 1888: AFR, AUS, NEA, NEO, ORI, PAC, PAL
Asplanchna herrickii de Guerne, 1888: AFR, AUS, NEA, NEO, ORI, PAL
Asplanchna intermedia Hudson, 1886: AFR, AUS, NEA, ORI, PAL
Asplanchna priodonta Gosse, 1850: AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Asplanchna priodonta sirakabana* Sudzuki, 1964
Asplanchna sieboldii (Leydig, 1854): AFR, AUS, NEA, NEO, ORI, PAL
 Notommata sieboldii Leydig, 1854
Asplanchna silvestrii Daday, 1902: NEA, NEO (doubtful Oriental record)
Asplanchna tropica Koste & Tobias, 1989: AFR, ORI

***Asplanchnopus* de Guerne, 1888**

Asplanchnopus bhimavaramensis Dhanapathi, 1975: ORI

Asplanchnopus dahlgreni Myers, 1934: NEA, NEO, ORI, PAL (non-American records require confirmation)

Asplanchnopus hyalinus Herring, 1913: AFR, AUS, NEO, ORI, PAL

Asplanchnopus multiceps (Schrank, 1793): AFR, AUS, NEA, NEO, ORI, PAL

Brachionus multiceps Schrank, 1793

***Atrochus* Wierzejski, 1893**

Atrochus tentaculatus Wierzejski, 1893: AUS, ORI, PAL

***Balatro* Claparède, 1867**

Balatro aciliatus (Radkewitsch, 1870) (Endoparasitic in terrestrial Oligochaeta)

Albertia aciliatus Radkewitsch, 1870

Balatro anguiformis Issel, 1904 (Endoparasitic in terrestrial Oligochaeta)

Balatro calvus Claparède, 1867 (Endoparasitic in terrestrial Oligochaeta)

Balatro fridericiae Kunst, 1954 (Endoparasitic in terrestrial Oligochaeta)

***Beauchampia* Herring, 1913**

Beauchampia crucigera (Dutrochet, 1812): AFR, AUS, NEA, NEO, ORI, PAC, PAL

Rotifer crucigera Dutrochet, 1812

Syn.: *Cephalosiphon candidus* Hudson, 1886 (synonym occasionally considered an infrasubspecific variant of *B. crucigera*)

Syn.: *Melicerta cephalosiphon* Gosse, 1862

***Beauchampiella* Remane, 1929**

Eudactylota Manfredi, 1927 *non* Walsingham, 1911

Manfreedium Gallagher, 1957

Beauchampiella eudactylota (Gosse, 1886): AFR, AUS, NEA, NEO, ORI, PAL

Eudactylota eudactylota Gosse, 1886

***Birgea* Herring & Myers, 1922**

Birgea enantia Herring & Myers, 1922: NEA

***Brachionus* Pallas, 1766**

Brachionus adisi Koste & Hardy, 1984: NEO

Brachionus africanus Segers, Mbogo & Dumont, 1994: AFR (single Thai record a result of sample contamination)

Brachionus ahstromi Lindeman, 1939: AFR, AUS, NEA, NEO, ORI

- Syn.: *Brachionus caudatus* var. *personatus* Ahlstrom, 1940
Syn.: *Brachionus havanaensis* var. *ahlstromi* Lindeman, 1939
Brachionus amazonicus Koste, 1983: NEO
 Syn.: *Brachionus urceolaris amazonica* Koste, 1983
Brachionus amsterdamiensis De Smet, 2001: ANT (Kerguelen islands)
Brachionus angularis Gosse, 1851
 Syn.: *Brachionus angularis orientalis* Sudzuki, 1989
Brachionus angularis angularis Gosse, 1851: AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Brachionus daitojimensis* Sudzuki, 1992
 Syn.: *Brachionus donghuensis* Sudzuki & Huang, 1997
 Syn.: *Brachionus lyratus yonaguniensis* Sudzuki, 1992
 Syn.: *Brachionus minimus* Bartsch, 1877
 Syn.: *Brachionus morondavaensis* Sudzuki, 1998
 Syn.: *Brachionus papuanus* Daday, 1897
 Syn.: *Brachionus pseudokeikoa* Sudzuki, 1992
 Syn.: *Brachionus pyriformis* Sudzuki & Huang, 1997
 Syn.: *Brachionus syennensis* Schmarda, 1859
 Syn.: *Brachionus testudo* Herberg, 1853
Brachionus angularis bidens Plate, 1886: AFR, AUS, NEA, ORI, PAL (taxon occasionally considered an infrasubspecific variant of the nominal taxon)
 Syn.: *Brachionus kasadensis* Sudzuki, 1976
Brachionus asplanchnoides Charin, 1947: PAL
Brachionus austrogenitus Ahlstrom, 1940: NEO (single unconfirmed AUS record)
Brachionus baylyi Sudzuki & Timms, 1977: AUS
Brachionus bennini Leissling, 1924: AFR, AUS, NEA, ORI, PAL
 Syn.: *Brachionus dimidiatus isigakiensis* Sudzuki, 1992
Brachionus bennini beauchampi Sudzuki, 1997 (*species inquirenda*)
Brachionus bennini bennini Leissling, 1924
Brachionus bidentatus Anderson, 1889
Brachionus bidentatus bidentatus Anderson, 1889: AFR, ANT, AUS, NEA, NEO, ORI, PAL
 Syn.: *Brachionus bidentatus* var. *crassispinus* Hauer, 1963
 Syn.: *Brachionus furculatus* Thorpe, 1891
 Syn.: *Brachionus furculatus inermis* Rousselet, 1906 (synonym considered an infrasubspecific variant (f. *inermis*) of *B. bidentatus*)
 Syn.: *Brachionus furculatus testudinarius* Jakubski, 1912 (synonym considered an infrasubspecific variant (f. *testudinarius*) of *B. bidentatus*)
 Syn.: *Brachionus furculatus* var. *jirovci* Bartoš, 1946
Brachionus bidentatus minor Koste & Shiel, 1980: AUS
Brachionus bidentatus senegalensis Koste & De Ridder, 1985 (*species inquirenda*)
Brachionus budapestinensis Daday, 1885: AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Brachionus similis* Leissling, 1914
Brachionus calyciflorus Pallas, 1766: AFR, ANT, AUS, NEA, NEO, ORI, PAL (The taxonomy of *B. calyciflorus* is particularly confused. Validation of the numerous proposed subspecies and infrasubspecific variants awaits a thorough revision of the taxon)
Brachionus calyciflorus calyciflorus Pallas, 1766
 Syn.: *Brachionus amphiceros* Ehrenberg, 1838 (synonym considered an infrasubspecific variant (f.

amphiceros) of *B. calyiflorus*)

Syn.: *Brachionus dorcas* Gosse, 1851 (synonym considered an infrasubspecific variant (f. *dorcas*) of *B. calyiflorus*)

Syn.: *Brachionus gilliardi* Hauer, 1966

Syn.: *Brachionus pala* Ehrenberg, 1838

Syn.: *Brachionus pala anuraeiformis* Brehm, 1909 (synonym considered an infrasubspecific variant (f. *anuraeiformis*) of *B. calyciflorus*)

Brachionus calyciflorus gigantea Koste & Shiel, 1987 (*subspecies inquirenda*)

Brachionus caudatus Barrois & Daday, 1894: AFR, AUS, NEA, NEO, ORI, PAL (The taxonomy of *B. caudatus* is particularly confused. Validation of the numerous proposed subspecies and infrasubspecific variants awaits a thorough revision of the taxon)

Syn.: *Brachionus caudatus singapurensis* Sudzuki, 1989

Brachionus charini Kutikova, Kosova & Khodorevsky, 1976: PAL

Brachionus dichotomus Shephard, 1911

Brachionus dichotomus dichotomus Shephard, 1911: AUS

Brachionus dichotomus reductus Koste & Shiel, 1980: AUS, ORI

Brachionus dimidiatus Bryce, 1931: AFR, AUS, NEO, ORI, PAL

Syn.: *Brachionus inermis* Schmarda, 1894 (synonym considered an infrasubspecific variant (f. *inermis*) of *B. dimidiatus*)

Brachionus diversicornis (Daday, 1883): AFR, AUS, NEO, ORI, PAL

Schizocerca diversicornis Daday, 1883

Brachionus dolabratus Harring, 1914: NEO (doubtful PAL record)

Brachionus donneri Brehm, 1951: ORI (single unconfirmed record from Panama canal waters, introduction?)

Brachionus donneri bifurcus Wu, 1981 (*species inquirenda*)

Brachionus donneri donneri Brehm, 1951

Brachionus durgae Dhanapathi, 1974: AFR, NEO, ORI, PAL

Syn.: *Brachionus anchorporus* Xu, Chen & Rao, 1997

Syn.: *Brachionus durgae isigakiensis* Sudzuki, 1992

Syn.: *Brachionus moronensis* Kuczynski, 1991

Brachionus falcatus Zacharias, 1898: AFR, AUS, NEA, NEO, ORI, PAL

Syn.: *Brachionus falcatus reductus* Koste & Shiel, 1987 (synonym occasionally considered an infrasubspecific variant of the nominal taxon)

Brachionus forficula Wierzejski, 1891: AFR, AUS, ORI, PAL (introduced in NEA, doubtful NEO record)

Brachionus havanaensis Rousselet, 1911: NEA, NEO (introduced in ORI and PAL)

Syn.: *Brachionus trahea* Murray, 1913

Brachionus huangi Zhuge & Koste, 1996: PAL

Syn.: *Brachionus brevispinus* Sudzuki & Huang, 1997

Brachionus ibericus Ciros-Peréz, Gómez & Serra, 2001: PAL

Brachionus incertus Hauer, 1953: NEO

Brachionus josefinae Silva-Briano & Segers, 1992: NEA

Brachionus keikoa Koste, 1979: AUS

Brachionus kostei Shiel, 1983: AUS, ORI, PAL (Unpublished North-east Chinese record)

Brachionus kultrum Paggi, 1981: NEO

Brachionus leydigii Cohn, 1862

Brachionus leydigii leydigii Cohn, 1862: AFR, AUS, ORI, PAL

Syn.: *Brachionus quadratus* Rousselet, 1889 (*non* Müller, 1786. Synonym considered an infrasubspecific

variant (f. *quadratus*) of *B. leydigii*)

Syn.: *Brachionus quadratus tridentatus* Zernov, 1901 (synonym considered an infrasubspecific variant (f. *tridentatus*) of *B. leydigii*)

Brachionus leydigii rotundus Rousselet, 1907: AUS, ORI, PAL

Syn.: *Brachionus quadratus rotundus* Rousselet, 1907 (synonym considered an infrasubspecific variant (f. *rotundus*) of *B. leydigii*)

Brachionus lyratus Shephard, 1911

Brachionus lyratus lyratus Shephard, 1911: AUS, ORI

Brachionus lyratus tasmaniensis Koste & Shiel, 1986: AUS

Brachionus mirus Daday, 1905: NEO

Syn.: *Brachionus mirus angustus* Koste, 1972 (synonym probably represents an infrasubspecific variant)

Syn.: *Brachionus mirus reductus* Koste, 1972 (synonym probably represents an infrasubspecific variant)

Syn.: *Brachionus voigti* Hauer, 1961

Brachionus murphyi Sudzuki, 1989: ORI

Syn.: *Brachionus niwati* Sanoamuang, Segers & Dumont, 1995

Brachionus nilsoni Ahlstrom, 1940: AFR, AUS, NEA, NEO, ORI, PAL

Brachionus novaezealandiae Morris, 1913: AFR, AUS, PAL

Syn.: *Brachionus novaezealandiae* var. *hungaricus* Nogrady, 1957

Brachionus orientalis Rodewald, 1937 (*species inquirenda*)

Brachionus pinneenaus Koste & Shiel, 1983: AUS

Brachionus plicatilis Müller, 1786 (The *B. plicatilis* group is an as yet incompletely resolved cryptic species group)

Brachionus plicatilis colongulaciensis Koste & Shiel, 1980: AUS

Brachionus plicatilis decemcornis Fadeev, 1925 (*species inquirenda*)

Brachionus plicatilis ecornis Fadeev, 1925 (*species inquirenda*)

Brachionus plicatilis estoniana Sudzuki, 1987 (*species inquirenda*)

Brachionus plicatilis longicornis Fadeev, 1925 (*species inquirenda*)

Brachionus plicatilis murrayi Fadeev, 1925 (*species inquirenda*)

Brachionus plicatilis plicatilis Müller, 1786: AFR, AUS, NEA, NEO, ORI, PAC, PAL

Syn.: *Brachionus hepatotomus* Gosse, 1851

Syn.: *Brachionus muelleri* Ehrenberg, 1834

Brachionus postcurvatus Kuczynski, 1991: NEO

Brachionus pseudonilsoni Sudzuki, 1992: PAL

Brachionus pterodinoides Rousselet, 1913: NEA, NEO, ORI, PAL

Syn.: *Brachionus westphali* Carlin-Nilson, 1935

Brachionus quadridentatus Hermann, 1783

Brachionus quadridentatus melhemi Barrois & Daday, 1894: AFR, AUS, NEO, ORI, PAL

Brachionus quadridentatus mirabilis Daday, 1897: AFR, AUS, NEA, NEO, ORI

Syn.: *Brachionus variegatus* Krau, 1962

Brachionus quadridentatus quadridentatus Hermann, 1783: AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL

Syn.: *Brachionus ancylognathus* Schmarda, 1859 (synonym considered an infrasubspecific variant (f. *ancylognathus*) of *B. quadridentatus*)

Syn.: *Brachionus brevispinus* Ehrenberg, 1832 (synonym considered an infrasubspecific variant (f. *brevispinus*) of *B. quadridentatus*)

Syn.: *Brachionus capsuliflorus* Pallas, 1766

Syn.: *Brachionus cluniorbicularis* Skorikov, 1894 (synonym considered an infrasubspecific variant (f. *cluniorbicularis*) of *B. quadridentatus*)
Syn.: *Brachionus cluniorbicularis isigakiensis* Sudzuki, 1992
Syn.: *Brachionus rhenanus* Lauterborn, 1893 (synonym considered an infrasubspecific variant (f. *rhenanus*) of *B. quadridentatus*)
Brachionus rotundiformis Tschugunoff, 1921: AFR, NEA, ORI, PAL
Brachionus rubens Ehrenberg, 1838: AFR, NEA, NEO, ORI, PAL
Syn.: *Brachionus variabilis kasumigaurensis* Sudzuki, 1998
Brachionus satanicus Rousselet, 1913: NEA, NEO
Brachionus schwoerbeli Koste, 1988: ORI
Brachionus sericus Rousselet, 1907: AFR, AUS, PAL
Brachionus sessilis Varga, 1951: AFR, AUS, NEO, ORI, PAL
Brachionus spatiiosus Rousselet, 1912: NEA
Brachionus srisumonae Segers, Kotethip & Sanoamuang, 2004: ORI
Brachionus urceolaris Müller, 1773
Syn.: *Brachionus urceolaris semicircularis* Sudzuki, 1989
Brachionus urceolaris reductispinis Kuczynski, 1991: NEO
Brachionus urceolaris urceolaris Müller, 1773: AFR, ANT, AUS, NEA, NEO, ORI, PAL
Syn.: *Tubipora urceus* Linnaeus, 1758
Brachionus variabilis Hempel, 1896: AUS, NEA, NEO, ORI, PAL
Brachionus variabilis kohamensis Sudzuki, 1992 (*species inquirenda*)
Brachionus variabilis variabilis Hempel, 1896
Brachionus zahniseri Ahlstrom, 1934: NEA, NEO
Syn.: *Brachionus gessneri* Hauer, 1956

***Bradyscela* Bryce, 1910**

Bradyscela clauda (Bryce, 1893): AUS, NEO, PAL
Adineta clauda Bryce, 1893
Bradyscela granulosa De Koning, 1947: PAL

***Bryceella* Remane, 1929**

Bryceella stylata (Milne, 1886): NEA, PAC, PAL
Stephanops stylatus Milne, 1886
Bryceella tenella (Bryce, 1897): AUS, NEO, PAL
Stephanops tenellus Bryce, 1897
Syn.: *Bryceella agilis* Neiswestnowa-Shadina, 1935

***Cephalodella* Bory de St. Vincent, 1826**

Metadiaschiza Fadeew, 1925
Paracephalodella Bērziņš, 1976

- Cephalodella ablusa* Myers, 1934: NEA
Cephalodella abstrusa Myers, 1934: NEA
Cephalodella akrobeles Myers, 1934: NEA, PAL
Cephalodella anebodica Bērziņš, 1976: PAL
Cephalodella angusta Myers, 1924: NEA
Cephalodella apocolea Myers, 1924: AUS, NEA, NEO, ORI, PAC, PAL
Cephalodella arcuata Wulfert, 1937: PAL
Cephalodella asarcia Myers, 1942: NEA
Cephalodella asta Donner, 1970: PAL
Cephalodella astricta Myers, 1934: NEA
Cephalodella auriculata (Müller, 1773): ANT, AUS, NEA, NEO, ORI, PAL
 Vorticella auriculata Müller, 1773
 Syn.: *Cephalodella prompta* Neiswestnova-Shadina, 1935
Cephalodella balatonica Zsuga, 1996 (*species inquirenda*)
Cephalodella belone Myers, 1924: NEA, NEO, ORI, PAL
Cephalodella bertonicensis Manfredi, 1927 (*species inquirenda*. Tentatively considered a synonym of *C. stenroosi* by Koste (1978))
Cephalodella biungulata Wulfert, 1937: AUS, NEO, PAL
Cephalodella boettgeri Koste, 1988: NEO, ORI
Cephalodella brandorffi Koste, 2000: NEO, ORI
Cephalodella calosa Wulfert, 1956: PAL
Cephalodella carina Wulfert, 1959: PAL
Cephalodella catellina (Müller, 1786): AFR, ANT, AUS, NEA, NEO, ORI, PAL (includes the infrasub-specific variant *minor* Zawadowsky, 1926)
 Cercaria catellina Müller, 1786
 Syn.: *Cephalodella armata* Rudescu, 1960
 Syn.: *Cephalodella botezati* Rodewald, 1935
 Syn.: *Cephalodella catellina natans* Bērziņš, 1976
 Syn.: *Cephalodella myersi* Wiszniewski, 1934
Cephalodella celeris Myers, 1937: NEA, PAL
Cephalodella clara Wulfert, 1944: NEO, PAL
Cephalodella collactea Myers, 1924: NEA
Cephalodella compacta Wiszniewski, 1934: PAL
Cephalodella compressa Myers, 1924: NEA
Cephalodella conica Nogrady, 1962: PAL
Cephalodella conjuncta Myers, 1940: NEA
Cephalodella crassipes (Lord, 1903): NEA, PAL
 Diaschiza crassipes Lord, 1903
Cephalodella cyclops Wulfert, 1937: PAL
Cephalodella decidua Rodewald, 1935: PAL
Cephalodella delicata Wulfert, 1937: NEA, PAC, PAL
 Syn.: *Cephalodella eudelicata* Wulfert, 1961
Cephalodella dentata Wulfert, 1937: PAL
Cephalodella derbyi (Dixon-Nuttall & Freeman, 1903): NEA
 Diaschiza derbyi Dixon-Nuttall & Freeman, 1903
Cephalodella dixonnuttalli Myers, 1924: NEA

- Cephalodella dora* Wulfert, 1961: PAL
Cephalodella doryphora Myers, 1934: NEA, PAL
Cephalodella dorystoma Myers, 1934: NEA, PAL
Cephalodella dorseyi Myers, 1924: PAL
Cephalodella edax Hollowday, 1993: PAL (Parasitic in *Uroglena volvox*)
Cephalodella elegans Myers, 1924: NEA, NEO, PAL
Cephalodella elongata Myers, 1924: NEA, PAL
Cephalodella euderbyi Wulfert, 1940: PAL
Cephalodella euknema Myers, 1934: NEA, PAL
Cephalodella eunoma Myers, 1940: NEA
Cephalodella eupoda Myers, 1924: NEA
Cephalodella eurynota Myers, 1934: NEA
Cephalodella eva (Gosse, 1887): AUS, NEA, NEO, ORI, PAC, PAL
 Furcularia eva Gosse, 1887
Cephalodella evabroedae De Smet, 1988: NEO, PAL
Cephalodella exigua (Gosse, 1886): AUS, NEA, NEO, ORI, PAL
 Diaschiza exigua Gosse, 1886
Cephalodella fluviatilis (Zawadovsky, 1926): AFR, PAL
 Diglena fluviatilis Zawadovsky, 1926
 Syn.: *Cephalodella elmenteita* de Beauchamp, 1932
Cephalodella forceps Donner, 1950: PAL
Cephalodella forficata (Ehrenberg, 1832): ANT, AUS, NEA, NEO, ORI, PAC, PAL
 Notommata forficata Ehrenberg, 1832
Cephalodella forficula (Ehrenberg, 1830): AUS, NEA, NEO, ORI, PAC, PAL
 Distemma forficula Ehrenberg, 1830
Cephalodella friebsei Koste, Robertson & Hardy, 1984: NEO
Cephalodella gibba (Ehrenberg, 1830): AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL
 Furcularia gibba Ehrenberg, 1830
 Syn.: *Cephalodella microdactyla* Koch-Althaus, 1963
Cephalodella gibboides Wulfert, 1950: PAL
Cephalodella gigantea Remane, 1933: NEO, ORI, PAL
Cephalodella gisleni Bērziņš, 1953: AUS
Cephalodella glandulosa Koch-Althaus, 1962: PAL
Cephalodella globata (Gosse, 1887): AUS, NEA, ORI, PAL
 Diaschiza globata Gosse, 1887
Cephalodella glypha Wulfert, 1950: PAL
Cephalodella gobio Wulfert, 1937: PAL
Cephalodella gracilis (Ehrenberg, 1830) (Variable taxon. Includes the infrasubspecific variants *lenticulare* Wulfert, 1938; *sigmoidea* Wulfert, 1950)
 Furcularia gracilis Ehrenberg, 1830
Cephalodella gracilis gracilis (Ehrenberg, 1830): AUS, NEA, NEO, ORI, PAC, PAL
 Syn.: *Cephalodella sagitta* Wulfert, 1956
Cephalodella gracilis keta Reed, 1978: PAL
Cephalodella graciosa Wulfert, 1956: PAL
Cephalodella gusuleaci Rodewald, 1935: PAL
Cephalodella harringi Smirnov, 1927: PAL

- Cephalodella hiulca* Myers, 1924: NEA, PAL
Cephalodella hollowdayi Koste, 1986: NEO
Cephalodella hoodii (Gosse, 1886): NEA, ORI, PAL
 Diaschiza hoodii Gosse, 1886
 Syn.: *Cephalodella remanei* Wiszniewski, 1934
 Syn.: *Cephalodella strigosa* Myers, 1924
Cephalodella hyalina Myers, 1924: NEA, PAL
 Syn.: *Cephalodella horni* Wulfert, 1960
Cephalodella incila Wulfert, 1937: NEA, PAC, PAL
Cephalodella innesi Myers, 1924: NEA, PAL
Cephalodella inquilina Myers, 1924: NEA, PAL
 Syn.: *Cephalodella inquila* auct.
Cephalodella intuta Myers, 1924
Cephalodella intuta intuta Myers, 1924: AUS, NEA, NEO, ORI, PAC, PAL
Cephalodella intuta jamaicaiensis Koste, Janetzky & Vareschi, 1993: NEO
Cephalodella irisae Koste, Janetzky & Vareschi, 1993: NEO
Cephalodella jakubskii Wiszniewski, 1953: PAL
 Syn.: *Cephalodella donneri* Hauer, 1959
Cephalodella labiosa Wulfert, 1940: PAL
Cephalodella laisa Hauer, 1935: PAL
Cephalodella latifulcrum (Bērziņš, 1976): PAL
 Paracephalodella latifulcrum Bērziņš, 1976
Cephalodella lepida Myers, 1934: NEA, PAL
Cephalodella licina Wulfert, 1961: PAL
Cephalodella licinia Myers, 1924: NEA
Cephalodella limosa Wulfert, 1937: NEO, PAL
Cephalodella lindamayae Koste & Shiel, 1986: AUS
Cephalodella lipara Myers, 1924: AUS, PAL
Cephalodella macrodactyla (Stenoos, 1898): NEA, PAL
 Furcularia macrodactyla Stenoos, 1898
 Syn.: *Cephalodella strepta* Myers, 1924
Cephalodella maior (Zawadovsky, 1926): AFR, PAL
 Diglena maior Zawadovsky, 1926
 Syn.: *Cephalodella wiszniewskii* Edmondson & Hutchinson, 1934
Cephalodella marina Myers, 1924: NEA
 Syn.: *Cephalodella epitedia* Myers, 1924
Cephalodella megalocephala (Glascott, 1893): ANT, AUS, NEA, NEO, ORI, PAC, PAL
 Furcularia megalocephala Glascott, 1893
Cephalodella megalotrocha Wiszniewski, 1934: NEO, PAL
Cephalodella melia Myers, 1924: NEA
Cephalodella mineri Myers, 1924: NEA
Cephalodella minora Wulfert, 1960: PAL
Cephalodella mira Myers, 1934: NEA, NEO, PAL
 Syn.: *Cephalodella nidicola* Bērziņš, 1976
Cephalodella misgurnus Wulfert, 1937: AUS, NEO, ORI, PAL
Cephalodella monica Koste & Tobias, 1998: AFR

- Cephalodella montana* Myers, 1942: NEA
Cephalodella mucosa Myers, 1934: NEA
Cephalodella mucronata Myers, 1924: AFR, AUS, NEA, NEO, ORI, PAL
Cephalodella mus Wulfert, 1956: PAL
Cephalodella nana Myers, 1924: AUS, NEA, NEO, PAC, PAL
Cephalodella nelitis Myers, 1924: NEA
Cephalodella obesa Donner, 1949: PAL
Cephalodella obvia Donner, 1950: NEA, PAL
Cephalodella oxydactyla Wulfert, 1937: PAL
Cephalodella pachydactyla Wulfert, 1937: PAL
 Syn.: *Cephalodella nodosa* Wulfert, 1937
Cephalodella pachyodon Wulfert, 1937: PAL
Cephalodella paggiae Koste & Robertson, 1983: NEO
Cephalodella panarista Myers, 1924: AUS, NEA, NEO, ORI, PAL
Cephalodella papillosa Myers, 1924: NEA
Cephalodella parasitica (Jennings, 1894): AUS, NEA, PAL
 Pleurotrocha parasitica Jennings, 1894
Cephalodella paxi Wulfert, 1959: PAL
Cephalodella paxilla Myers, 1924: NEA
Cephalodella pentaplaix Wulfert, 1943: PAL
Cephalodella pheloma Myers, 1924: AUS, NEA, PAL
Cephalodella physalis Myers, 1924: AUS, NEA, PAL
Cephalodella planera Myers, 1940: NEA
Cephalodella plicata Myers, 1924: AUS, NEA, PAL
Cephalodella poitera Myers, 1934: NEA
Cephalodella praelonga Myers, 1934: NEA
Cephalodella psammophila Koch-Althaus, 1962: PAL
Cephalodella pseudova Bērziņš, 1976: PAL
Cephalodella qionghaiensis Koste & Zhuge, 1998: ORI
Cephalodella reimanni Donner, 1950: PAL
Cephalodella retusa Myers, 1924: NEA
Cephalodella rigida Donner, 1950: PAL
Cephalodella rostrum Reed, 1978: PAL
Cephalodella rotunda Wulfert, 1937
Cephalodella rotunda bryophila Pawłowski, 1938: ANT, PAC, PAL
Cephalodella rotunda rotunda Wulfert, 1937: NEA, PAL
Cephalodella segerst De Smet, 1998: PAL
Cephalodella somniculosa Margalef, 1948: PAL
Cephalodella songkhlaensis Segers & Pholpunthin, 1997: ORI
Cephalodella speciosa Myers, 1924: NEA
Cephalodella stenroosi Wulfert, 1937: NEO, PAL
 Syn.: *Cephalodella bertonicensis* Manfredi, 1927
 Syn.: *Cephalodella deformis* Donner, 1950
 Syn.: *Cephalodella* var. *austriaca* Donner, 1978
Cephalodella sterea (Gosse, 1887): ANT, AUS, NEA, NEO, ORI, PAC, PAL (Morphologically variable and complex taxon. Includes the infrasubspecific variants *mutata*, *minor*, *dentata* Donner, 1950; and f. nov. Donner,

1964)

- Furcularia sterea* Gosse, 1887
Syn.: *Cephalodella sterea exoculis* Bērziņš, 1976
Syn.: *Cephalodella serrata* Wulfert, 1937
Cephalodella strigosa Myers, 1924: NEA
Cephalodella subsecunda Myers, 1924: NEA, PAL
Cephalodella tachyphora Myers, 1924: NEA, PAL
Cephalodella tantilla Myers, 1924: AUS, NEA, ORI, PAL
 Syn.: *Cephalodella galbina* Myers, 1924
 Syn.: *Cephalodella sabulosa* Myers, 1942
Cephalodella tantilloides Hauer, 1935: AUS, PAL
Cephalodella tecta Donner, 1950: PAL
Cephalodella tempesta Wulfert, 1956: PAL
Cephalodella tenuior (Gosse, 1886): ANT, AUS, NEA, ORI, PAL (includes the infrasubspecific variant *pigmentata* Wulfert, 1951)
 Diaschiza tenuior Gosse, 1886
Cephalodella tenuis Koch-Althaus, 1962: PAL
Cephalodella tenuiseta (Burn, 1890): AUS, NEA, NEO, PAL
 Furcularia tenuiseta Burn, 1890
 Syn.: *Cephalodella tenuiseta simplex* Bērziņš, 1976
Cephalodella theodora Koch-Althaus, 1961: NEA, PAL
Cephalodella tinca Wulfert, 1937: AUS, NEO, ORI, PAL (includes the infrasubspecific variant *conspicua* Donner, 1950)
Cephalodella tincaformis Koste, 1992: NEO
Cephalodella trigona (Rousselet, 1895): PAL
 Diplois trigona Rousselet, 1895
 Syn.: *Furcularia leptodactyla* Hauer, 1922
 Syn.: *Diplois sculpturata* Daday, 1897
Cephalodella unguitata Hauer, 1935: PAL
Cephalodella vacuna Myers, 1924: NEA
Cephalodella ventripes (Dixon-Nuttall, 1901): AUS, NEA, NEO, PAC, PAL (includes the infrasubspecific variant *angustior* Donner, 1950)
 Diaschiza ventripes Dixon-Nuttall, 1901
Cephalodella vitella Wulfert, 1956: PAL
Cephalodella vittata Kutikova, 1985: PAL (Baikal endemic)
Cephalodella volvocicola (Zawadovsky, 1916): NEA, PAL
 Diglena volvocicola Zawadovsky, 1916
Cephalodella wrighti Wulfert, 1960: PAL
Cephalodella xenica Myers, 1924: NEA, PAL
Cephalodella zeteta Wulfert, 1961: PAL

***Ceratotrocha* Bryce, 1910**

Ceratotrocha cornigera (Bryce, 1893): ANT, AUS, NEA, NEO, PAL

Callidina cornigera Bryce, 1893

Ceratotrocha franzi Donner, 1949: PAL

Ceratotrocha rodewaldi Donner, 1962: PAL

Ceratotrocha velata Donner, 1949: PAL

***Claria* Kutikova, Markevich & Spiridonov, 1990**

Claria segmentata Kutikova, Markevich & Spiridonov, 1990 (Endoparasitic in terrestrial Oligochaeta)

***Collotheaca* Harring, 1913**

Collotheaca ambigua (Hudson, 1883): AFR, AUS, NEA, NEO, PAL

Floscularia ambigua Hudson, 1883

Syn.: *Floscularia algicola* Hudson, 1886

Syn.: *Floscularia minor* Hudson, 1886 (proposed as ssp.)

Collotheaca annulata (Hood, 1888): AFR, PAL

Floscularia annulata Hood, 1888

Syn.: *Floscularia uniloba* Wierzejski, 1893

Collotheaca atrochooides (Wierzejski, 1893): NEA, NEO, PAL

Floscularia atrochooides Wierzejski, 1893

Collotheaca balatonica Varga, 1936: PAL

Collotheaca bilfingeri Bērziņš, 1951: PAL

Syn.: *Floscularia calva* Bilfinger, 1894 (*non* Hudson (1885))

Collotheaca bulbosa Bērziņš, 1951: PAL

Collotheaca calva (Hudson, 1885): NEO, PAL

Floscularia calva Hudson, 1885

Collotheaca campanulata (Dobie, 1849): AFR, ANT, AUS, NEA, NEO, ORI, PAL

Floscularia campanulata Dobie, 1849

Syn.: *Collotheaca gracilipes* Edmondson, 1939 (synonym considered an infrasubspecific variant of *C. campanulata*)

Syn.: *Floscularia longicaudata* Hudson, 1883 (synonym considered an infrasubspecific variant of *C. campanulata*)

Collotheaca coronetta (Cubitt, 1869): AFR, AUS, NEO, PAL

Floscularia coronetta Cubitt, 1869

Syn.: *Collotheaca coronetta weberi* Summerfield-Wright, 1961 (synonym considered an infrasubspecific variant of *C. coronetta*)

Syn.: *Stephanoceros horatii* Cubitt, 1871

Syn.: *Floscularia longilobata* Bartsch, 1877

Collotheaca crateriformis Offord, 1934: PAL

Collotheaca cucullata (Hood, 1894): PAL

Floscularia cucullata Hood, 1894

Collotheaca cucullata cucullata (Hood, 1894)

Floscularia cucullata cucullata Hood, 1894

Collotheaca cucullata smolandica Bērziņš, 1951: PAL

Collotheaca discophora (Skorikov, 1903): PAL

Floscularia discophora Skorikov, 1903

Collotheaca edentata (Collins, 1872): AUS, NEA, NEO, ORI, PAL

- Floscularia edentata* Collins, 1872
Syn.: *Collothecea breviciliata* Bērziņš, 1951 (synonym considered an infrasubspecific variant of *C. edentata*)
Collothecea edmondsoni Bērziņš, 1951: PAL
Collothecea epizootica (Monard, 1922): PAL
 Floscularia epizootica Monard, 1922
Collothecea evansonii (Anderson & Shephard, 1892): AUS
 Floscularia evansonii Anderson & Shephard, 1892
Collothecea ferox (Penard, 1914): PAC, PAL
 Floscularia ferox Penard, 1914
Collothecea gossei (Hood, 1892): PAL
 Floscularia gossei Hood, 1892
Collothecea heptabrachiata (Schoch, 1869): AFR, NEA, NEO, PAL
 Floscularia heptabrachiata Schoch, 1869
 Syn.: *Floscularia diadema* Petr, 1890 (synonym considered an infrasubspecific variant of *C. heptabrachiata*)
 Syn.: *Floscularia regalis* Hudson, 1883
Collothecea hoodi (Hudson, 1883): NEA, PAL
 Floscularia hoodi Hudson, 1883
Collothecea judayi Edmondson, 1940: NEA, NEO
Collothecea lettevalli Bērziņš, 1976: PAL
Collothecea libera (Zacharias, 1894): AFR, AUS, NEA, NEO, ORI, PAL
 Floscularia libera Zacharias, 1894
Collothecea minuta (Milne, 1905): AFR, PAL
 Floscularia minuta Milne, 1905
Collothecea monoceros (Zacharias, 1912): PAL
 Floscularia monoceros Zacharias, 1912
Collothecea moselii (Milne, 1905): AFR, PAL
 Floscularia moselii Milne, 1905
Collothecea mutabilis (Hudson, 1885): AFR, AUS, NEA, NEO, ORI, PAL
 Floscularia mutabilis Hudson, 1885
Collothecea ornata (Ehrenberg, 1832): AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL
 Floscularia ornata Ehrenberg, 1832
 Syn.: *Floscularia appendiculata* Leydig, 1854 (synonym of *C. ornata* f. *cornuta*)
 Syn.: *Floscularia cornuta* Dobie, 1849 (synonym considered an infrasubspecific variant of *C. ornata*)
 Syn.: *Floscularia cyclops* Cubitt, 1871 (synonym considered an infrasubspecific variant of *C. ornata*)
 Syn.: *Floscularia mira* Hudson, 1885
 Syn.: *Floscularia ornata natans* Tschugunoff, 1921 (synonym considered an infrasubspecific variant of *C. ornata*)
 Syn.: *Floscularia pentacornis* Costa, 1838
 Syn.: *Collothecea volutata* Sebestyén & Varga, 1950 (synonym considered an infrasubspecific variant of *C. ornata*)
Collothecea pelagica (Rousselet, 1893): AFR, AUS, NEA, NEO, ORI, PAL
 Floscularia pelagica Rousselet, 1893
 Syn.: *Collothecea liepetterseni* Bērziņš, 1951 (synonym considered an infrasubspecific variant of *C. pelagica*)
 Syn.: *Collothecea tubiformis* Nipkow, 1961 (synonym considered an infrasubspecific variant of *C. pelagica*)
Collothecea polyphemus Harring, 1914: NEA, NEO

Collotheca quadrilobata (Hood, 1892): PAL
 Floscularia quadrilobata Hood, 1892
Collotheca quadrinodosa Summerfield-Wright, 1961: PAL
 Syn.: *Collotheca bjoerki* Bērziņš, 1975 (synonym considered an infrasubspecific variant of *C. quadrinodosa*, as var. *bicornuta* Koste, 1978)
Collotheca rasmae Bērziņš, 1951: PAL
Collotheca riverai Vilaclara & Sládeček, 1989: NEA
Collotheca sessilis (Milne, 1905): AFR, PAL
 Floscularia sessilis Milne, 1905
Collotheca spinata (Hood, 1893): PAL
 Floscularia spinata Hood, 1893
Collotheca stephanochaeta Edmondson, 1936: NEA, PAL
Collotheca tenuilobata (Anderson, 1889): AFR, AUS, NEA, NEO, PAL
 Floscularia tenuilobata Anderson, 1889
 Syn.: *Collotheca corynetis* Edmondson, 1939
Collotheca thunmarki Bērziņš, 1951: PAL
Collotheca torquilobata (Thorpe, 1891): PAL
 Floscularia torquilobata Thorpe, 1891
Collotheca trifidlobata (Pittock, 1895): PAL
 Floscularia trifidlobata Pittock, 1895
Collotheca trilobata (Collins, 1872): AFR, AUS, NEA, ORI, PAL
 Floscularia trilobata Collins, 1872
 Syn.: *Floscularia trifolium* Hudson, 1881
 Syn.: *Floscularia uniloba* Wierzejski, 1893
Collotheca undulata Sládeček, 1968: PAL
Collotheca vargai Nogrady, 1976: NEA
Collotheca wiszniewskii Varga, 1938: PAL
 Syn.: *Collotheca wiszniewskii venusta* Bērziņš, 1951 (synonym considered an infrasubspecific variant of *C. wiszniewskii*)

***Colurella* Bory de St. Vincent, 1824**

Colurus Ehrenberg, 1830

Colurella adriatica Ehrenberg, 1831: AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL (includes the infrasubspecific variants *angusta* Donner, 1964; *Iata* Donner, 1964 and α, β, γ Hauer (1924), marine and brackish water)

 Syn.: *Monura bartonia* Gosse, 1887
 Syn.: *Colurus caudatus* Ehrenberg, 1834
 Syn.: *Monura dulcis* Ehrenberg, 1838
 Syn.: *Colurus leptus* Gosse, 1887
 Syn.: *Colurus nivalis* Lord, 1884
Colurella anodonta Carlin, 1939: AFR, NEA, NEO, PAL
Colurella aqueducti Török, 1956: PAL
Colurella collaris Wulfert, 1965: AFR
Colurella colurus (Ehrenberg, 1830)
 Monura colurus Ehrenberg, 1830

Colurella colurus colurus (Ehrenberg, 1830): AFR, ANT, AUS, NEA, NEO, ORI, PAL (marine and brackish water)

Syn.: *Colurus amblytelus* Gosse, 1886

Syn.: *Colurus grallator* Gosse, 1887

Syn.: *Monura loncheres* Gosse, 1887

Syn.: *Colurella longidigita* Mola, 1930

Syn.: *Colurus rotundatus* Daday, 1890

Colurella colurus compressa (Lucks, 1912): ANT, AUS, NEA, NEO, PAL

Colurus compressus Lucks, 1912

Colurella denticauda Carlin, 1939: NEA, NEO, PAC, PAL

Colurella dicentra (Gosse, 1887): NEA, NEO, PAL (marine and brackish water)

Colurus dicentrus Gosse, 1887

Colurella geophila Donner, 1951: NEA, NEO, ORI, PAL (taxonomic status uncertain; includes the infrasubspecific variants *gracilis* Althaus, 1957; *halensis* Althaus, 1957; *limnetica* Althaus, 1957)

Syn.: *Colurella gracilis* Althaus, 1957 (*non* Hilgendorf (1899))

Syn.: *Colurella subtilis* Althaus, 1957

Colurella halophila Wulfert, 1942: PAL

Colurella hindenburgi Steinecke, 1917: AFR, AUS, NEA, NEO, ORI, PAC, PAL

Syn.: *Colurella gastracantha* Hauer, 1924 (synonym mostly considered an infrasubspecific variant of the nominal taxon; confuse taxonomy)

Colurella marinovi Althaus, 1957 (marine)

Colurella mucronulata Ahlstrom, 1938: NEA

Colurella oblonga Donner, 1943: PAL (includes the infrasubspecific variant *glabra* Klement, 1959 of unclear taxonomic status)

Colurella obtusa (Gosse, 1886) (taxonomic status uncertain; includes the infrasubspecific variants *aperta* Hauer, 1936; *clausa* Hauer, 1936; *oxicauda* Carlin, 1939)

Colurus obtusus Gosse, 1886

Colurella obtusa colpotum Bērziņš, 1982: AFR

Colurella obtusa obtusa (Gosse, 1886): AFR, AUS, NEA, NEO, ORI, PAC, PAL

Colurella paludosa Carlin, 1939: NEA, PAL

Colurella psammophila Segers & Chittapun, 2001: ORI

Colurella salina Althaus, 1957: ANT, AUS, PAL (marine and brackish water)

Colurella sanoamuangae Chittapun, Pholpunthin & Segers, 1999: ORI

Colurella sinistra Carlin, 1939: AFR, NEA, ORI, PAL

Colurella sulcata (Stenoos, 1898): AFR, NEA, NEO, ORI, PAL

Metopidia sulcata Stenoos, 1898

Colurella tesselata (Glascott, 1893): AFR, AUS, NEA, NEO, ORI, PAL

Colurus tesselatus Glascott, 1893

Colurella uncinata (Müller, 1773)

Brachionus uncinatus Müller, 1773

Colurella uncinata bicuspidata (Ehrenberg, 1832): AFR, AUS, NEA, NEO, ORI, PAL

Colurus bicuspидatus Ehrenberg, 1832

Colurella uncinata deflexa (Ehrenberg, 1834): AUS, NEA, NEO, ORI, PAC, PAL

Colurus deflexus Ehrenberg, 1834

Colurella uncinata ornata Fadeew, 1927: AFR, PAL

Colurella uncinata uncinata (Müller, 1773): AFR, AUS, NEA, NEO, ORI, PAL

Syn.: *Colurus dumnonius* Gosse, 1887
Syn.: *Monura micromela* Gosse, 1887
Colurella unicauda Eriksen, 1968: PAL (marine and brackish water)

***Conochilopsis* Segers & Wallace, 2001¹**

Conochilopsis causeyae (Vidrine, McLaughlin & Willis, 1985): AUS, NEA
Lacinularia causeyae Vidrine, McLaughlin & Willis, 1985

***Conochilus* Ehrenberg, 1834**

subgenus *Conochilooides* Hlava, 1904

Conochilus (Conochilooides) coenobasis (Skorikov, 1914): AFR, AUS, NEA, NEO, ORI, PAL
Conochilooides coenobasis Skorikov, 1914
Conochilus (Conochilooides) deltaicus (Rudescu, 1960) (*species inquirenda*)
Conochilooides deltaicus Rudescu, 1960
Conochilus (Conochilooides) dossuarius Hudson, 1885: AFR, AUS, NEA, NEO, ORI, PAL
Conochilus (Conochilooides) exiguum Ahlstrom, 1938: NEA
Conochilus (Conochilooides) natans (Seligo, 1900): AFR, AUS, NEA, NEO, ORI, PAL
Tubicularia natans Seligo, 1900

subgenus *Conochilus* Ehrenberg, 1834

Conochilus (Conochilus) hippocrepis (Schrank, 1803): AFR, AUS, NEA, NEO, ORI, PAL
Linza hippocrepis Schrank, 1803
Syn.: *Conochilus volvox* Ehrenberg, 1834
Conochilus (Conochilus) unicornis Rousselet, 1892: AFR, AUS, NEA, NEO, ORI, PAL
Syn.: *Conochilus leptopus* Forbes, 1893
Syn.: *Conochilus limneticus* Stenoos, 1898
Syn.: *Conochilus norvegicus* Burckhardt, 1943 (synonym considered an infrasubspecific variant of *C. unicornis*)

***Cupelopagis* Forbes, 1882**

Apsilus Metchnikov, 1866 *non* Cuvier & Valenciennes, 1830
Dictyophora Leidy, 1857 *non* Germar, 1883

Cupelopagis vorax (Leidy, 1857): AFR, AUS, NEA, NEO, ORI, PAL
Dictyophora vorax Leidy, 1857
Syn.: *Cupelopagis bucinédax* Forbes, 1882
Syn.: *Apsilus lentiformis* Metchnikov, 1866

1. Segers & Wallace contains a reference as if it were published in 2000. However, the actual date of publication is January, 2001.

Cyrtonia Rousselet, 1894

Cyrtonia tuba (Ehrenberg, 1834): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Notommata tuba Ehrenberg, 1834

Dicranophoroides De Smet, 1997

Dicranophoroides australiensis (Koste & Shiel, 1980): AUS
Dicranophorus australiensis Koste & Shiel, 1980
Dicranophoroides caudatus (Ehrenberg, 1834): AFR, AUS, NEA, NEO, ORI, PAL
Diglena caudatus Ehrenberg, 1834
Syn.: *Diglena biraphis* Gosse, 1851
Syn.: *Dicranophorus caudatus brasiliensis* Koste, 1972
Dicranophoroides claviger (Hauer, 1965): AFR, NEO, ORI
Itura claviger Hauer, 1965
Dicranophoroides venezuelensis (Pourriot & Zoppi de Roa, 1981): AFR, NEO
Dicranophorus venezuelensis Pourriot & Zoppi de Roa, 1981

Dicranophorus Nitzsch, 1827

Dicranophorus alcimus Harring & Myers, 1928: NEA
Dicranophorus artamus Harring & Myers, 1928: NEA, PAL
Syn.: *Dicranophorus lepsii* Rodewald, 1935
Dicranophorus aspondus Harring & Myers, 1928: NEA, PAL
Dicranophorus biastis Harring & Myers, 1928: NEA
Dicranophorus bulgaricus Althaus, 1957 (marine psammon)
Dicranophorus cambari Wulfert, 1957: PAL
Dicranophorus capucinus Harring & Myers, 1928: NEA, PAL
Syn.: *Dicranophorus capucinoides* Wiszniewski, 1932
Dicranophorus colastes Harring & Myers, 1928: NEA, PAL
Dicranophorus corystis Harring & Myers, 1928: NEA, PAL
Dicranophorus difflugiarum (Penard, 1914): PAL
Diglena difflugiarum Penard, 1914
Dicranophorus dolerus Harring & Myers, 1928: NEA, ORI
Dicranophorus edestes Harring & Myers, 1928: AFR, NEA, PAL
Dicranophorus epicharis Harring & Myers, 1928: AFR, AUS, NEA, NEO, ORI, PAL
Dicranophorus esox Hauer, 1938: PAL
Dicranophorus facilis Kutikova, 1985: PAL (Baikal endemic)
Dicranophorus facinus Harring & Myers, 1928: NEA, PAL
Dicranophorus forcipatus (Müller, 1786)
Cercaria forcipata Müller, 1786
Dicranophorus forcipatus forcipatus (Müller, 1786): AFR, AUS, NEA, NEO, ORI, PAL
Syn.: *Notommata oculifera* Zavadowski, 1926
Syn.: *Dicranophorus remanei* Wulfert, 1936
Dicranophorus forcipatus parvidentatus Bērziņš, 1982: AFR (Madagascar)
Dicranophorus grandis (Ehrenberg, 1832): AFR, AUS, NEA, NEO, PAC, PAL

- Diglena grandis* Ehrenberg, 1832
- Dicranophorus grypus* Harring & Myers, 1928: NEA
- Dicranophorus halbachi* Koste, 1981: AFR, AUS
- Dicranophorus haueri* Harring & Myers, 1928: NEA, PAL
- Dicranophorus hauerianus* Wiszniewski, 1939: AUS, NEA, PAL
- Dicranophorus hercules* Wiszniewski, 1932: AFR, AUS, NEA, NEO, PAL
- Syn.: *Dicranophorus hercules adenta* Wulfert, 1961
- Syn.: *Dicranophorus hercules intermedia* Wiszniewski, 1934
- Syn.: *Dicranophorus novemdentatus* Neiswestnowa-Shadina, 1935
- Dicranophorus isothes* Harring & Myers, 1928: NEA, PAL
- Dicranophorus kostei* Pourriot & Zoppi de Roa, 1981: NEO
- Dicranophorus lenapensis* Myers, 1938: NEA
- Dicranophorus leptodon* Wiszniewski, 1934: PAL
- Dicranophorus liepolti* Donner, 1964: PAL
- Dicranophorus luetkeni* (Bergendal, 1892): AFR, AUS, NEA, NEO, ORI, PAL
- Arthroglena luetkeni* Bergendal, 1892
- Dicranophorus mesotis* Harring & Myers, 1928: NEA
- Dicranophorus minutes* Myers, 1937: NEA, PAL
- Dicranophorus myriophylli* (Harring, 1913): NEA, ORI
- Encentrum myriophylli* Harring, 1913
- Dicranophorus pauliani* Bērziņš, 1982: AFR (Madagascar)
- Dicranophorus pennatus* Harring & Myers, 1928: NEA
- Dicranophorus ponerus* Harring & Myers, 1928: NEA, PAL
- Dicranophorus prionacis* Harring & Myers, 1928: AFR, NEA, NEO, ORI, PAL
- Dicranophorus procles* Harring & Myers, 1928: NEA, PAL
- Dicranophorus riparius* Kutikova, 1985: PAL (Baikal endemic)
- Dicranophorus robustus* Harring & Myers, 1928: AFR, AUS, NEA, NEO, ORI, PAL
- Syn.: *Dicranophorus robustus minor* Bērziņš, 1949
- Dicranophorus rostratus* (Dixon-Nuttall & Freeman, 1902): NEA, NEO, PAL
- Diglena rostrata* Dixon-Nuttall & Freeman, 1902
- Syn.: *Dicranophorus cernuus* Harring & Myers, 1928
- Dicranophorus saevus* Harring & Myers, 1928: NEA, PAL
- Dicranophorus scotius* Harring & Myers, 1928: NEA, PAL
- Dicranophorus sebastus* Harring & Myers, 1928: NEA, NEO
- Dicranophorus secretus* Donner, 1951: AFR, PAL
- Dicranophorus semnus* Harring & Myers, 1928: NEA, PAL
- Dicranophorus siedleckii* Wiszniewski, 1953: PAL
- Dicranophorus sigmoides* Wulfert, 1950: PAL
- Dicranophorus spiculatus* Myers, 1938: NEA, PAL
- Dicranophorus strigosus* Harring & Myers, 1928: NEA, PAL
- Dicranophorus stultus* Harring & Myers, 1928: NEA
- Dicranophorus tegillus* Harring & Myers, 1928: NEA, ORI
- Dicranophorus thysanus* Harring & Myers, 1928: NEA

Didymodactylos Milne, 1916

Didymodactylos carnosus Milne, 1916: AFR, AUS, PAL

Dipleuchlanis de Beauchamp, 1910

Dipleuchlanis elegans (Wierzejski, 1893): AUS, NEO, PAL

Euchlanis elegans Wierzejski, 1893

Dipleuchlanis ornata Segers, 1993: AFR, AUS, ORI

Dipleuchlanis propatula (Gosse, 1886): AFR, AUS, NEA, NEO, ORI, PAL

Diplois propatula Gosse, 1886

Diplois Gosse, 1886 (*genus inquirendus*)

Diplois daviesiae Gosse, 1886 (*species inquirenda*)

Syn.: *Diplois phlegraea* Iroso, 1910

Dissotrocha Bryce, 1910

Dissotrocha aculeata (Ehrenberg, 1832)

Philodina aculeata Ehrenberg, 1832

Dissotrocha aculeata aculeata (Ehrenberg, 1832): AFR, AUS, NEA, NEO, ORI, PAL

Dissotrocha aculeata crystallina (Murray, 1908): PAL

Philodina aculeata crystallina Murray, 1908

Dissotrocha aculeata decemcuspis Bērziņš, 1982: NEA

Dissotrocha aculeata didyma Bērziņš, 1982: PAL

Dissotrocha aculeata dukesi Russell, 1959: AUS

Dissotrocha aculeata ecksteini Bērziņš, 1982: PAL

Dissotrocha aculeata gossei Bērziņš, 1982 (No locality given)

Dissotrocha aculeata hebes Bērziņš, 1982: PAL

Dissotrocha aculeata inserta Bērziņš, 1982: NEO, PAL

Dissotrocha aculeata markmani Bērziņš, 1982: PAL

Dissotrocha aculeata medioaculeata (Janson, 1893): AFR, NEA, PAL

Philodina aculeata medioaculeata Janson, 1893

Dissotrocha aculeata milnei Bērziņš, 1982: PAL

Dissotrocha aculeata multicollis Bērziņš, 1982: PAL

Dissotrocha aculeata multiplicans Bērziņš, 1982: PAL

Dissotrocha aculeata murrayi Bērziņš, 1982: PAL

Dissotrocha aculeata octobullata Hauer, 1958: PAL

Dissotrocha aculeata octocollis Bērziņš, 1982: PAL

Dissotrocha aculeata quadricarinata Bērziņš, 1982: PAL

Dissotrocha aculeata quadrispinosa Bērziņš, 1982: PAL

Dissotrocha aculeata rachis Bērziņš, 1982: PAL

Dissotrocha aculeata repanda Bērziņš, 1982: PAL

Dissotrocha aculeata reversa Bērziņš, 1982: PAL

Dissotrocha aculeata serangodes Bērziņš, 1982: PAL

Dissotrocha aculeata simplex Bērziņš, 1982: PAL
Dissotrocha bjoerki Bērziņš, 1982: NEO
Dissotrocha decembullata Koste, 1996: AFR, NEO
Dissotrocha guyanensis Rougier & Pourriot, 2006: NEO
Dissotrocha hertzogi Hauer, 1939
Dissotrocha kostei Segers, 2007
 Syn.: *Dissotrocha hertzogi aculeata* Koste, 1996
Dissotrocha macrostyla (Ehrenberg, 1838)
 Philodina macrostyla Ehrenberg, 1838
Dissotrocha macrostyla macrostyla (Ehrenberg, 1838): AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Philodina pannosa* Bailey, 1851
Dissotrocha macrostyla tuberculata (Gosse, 1886): AUS, NEA, NEO, PAL
 Philodina macrostyla tuberculata Gosse, 1886
Dissotrocha pectinata Murray, 1911: AFR
Dissotrocha schlienzi Hauer, 1956: NEO
Dissotrocha scutellata Bartoš, 1950: PAL
Dissotrocha spinosa (Bryce, 1892): AFR, PAL
 Callidina spinosa Bryce, 1892

***Donneria* De Smet, 2003**

Donneria sudzukii (Donner, 1968): NEA, PAL
 Paradicranophorus sudzukii Donner, 1968

***Dorria* Myers, 1933**

Dorria dalecarlica Myers, 1933: AUS, NEA, PAC

***Dorystoma* Herring & Myers, 1922**

Dorystoma caudata (Bilfinger, 1894): AUS, NEA, PAL
 Proales caudata Bilfinger, 1894
Dorystoma furcata Wulfert, 1939: PAL

***Drilophaga* Vejdovsky, 1883**

Drilophaga bucephalus Vejdovsky, 1883: PAL (ectoparasitic on oligochaetes)
Drilophaga delagei de Beauchamp, 1904: PAL (ectoparasitic on oligochaetes)
Drilophaga judayi Herring & Myers, 1922: NEA, PAL (ectoparasitic on oligochaetes)

***Elosa* Lord, 1891**

Elosa spinifera Wiszniewski, 1932: ORI, PAL (occasionally considered an infrasubspecific variant of *E. worrallii*)
Elosa worrallii Lord, 1891: AUS, NEA, NEO, PAC, PAL

***Embata* Bryce, 1910**

Embata commensalis (Western, 1893): NEA, PAL

Philodina commensalis Western, 1893

Embata hamata (Murray, 1906): AUS, PAL

Philodina hamata Murray, 1906

Embata laticeps (Murray, 1905): NEA, ORI, PAL

Philodina laticeps Murray, 1905

Embata laticornis (Murray, 1905): NEA, PAL

Philodina laticornis Murray, 1905

Embata parasitica (Giglioli, 1863): NEA, PAL

Callidina parasitica Giglioli, 1863

***Encentrum* Ehrenberg, 1838**

Encentrum acrodon Wulfert, 1936: PAL

Encentrum algente Harring, 1921: NEA, PAL (marine and brackish water)

Encentrum alpinum Jersabek, 1999: PAL

Encentrum aquilus (Gosse, 1887): NEA, PAL

Diglena aquila Gosse, 1887

Encentrum arenarium Althaus, 1957 (marine psammon)

Encentrum arvicola Wulfert, 1936: PAL

Encentrum asellicola (Bartoš, 1947): PAL

Proales asellicola Bartoš, 1947

Encentrum astridae Sørensen, 2001 (marine psammon)

Encentrum axi Tzscheschel, 1979 (marine)

Encentrum barti De Smet, 2000 (marine)

Encentrum belluinum Harring & Myers, 1928: NEA

Encentrum bidentatum (Lie-Pettersen, 1906): PAL (marine and brackish water)

Pleurotrocha bidentata Lie-Pettersen, 1906

 Syn.: *Encentrum linnhei* Scott, 1974

Encentrum boreale Harring & Myers, 1928: NEA, PAL

Encentrum brevifulcrum Dartnall, 1997: ANT

Encentrum caratum Myers, 1933: NEA

Encentrum carlini Myers, 1940: NEA

Encentrum cruentum Harring & Myers, 1928 (marine)

Encentrum desmeti Jersabek, 1999: PAL

Encentrum dieteri De Smet, 1995 (marine)

Encentrum diglandula (Zawadovsky, 1926): AUS, ORI, PAL

Proales diglandula Zawadovsky, 1926

Encentrum elongatum Harring & Myers, 1928: AUS, NEA, PAL

Encentrum enteromorphae Otto, 1936 (marine)

Encentrum eristes Harring & Myers, 1928 (marine)

Encentrum eulitorale Tzscheschel, 1979 (marine psammon)

Encentrum eurycephalum Wulfert, 1936: PAL

Encentrum felis (Müller, 1773): AUS, NEA, NEO, PAL

- Vorticella felis* Müller, 1773
- Encentrum flexile* Godske Eriksen, 1968: PAL (brackish water)
- Encentrum fluviatile* Wulfert, 1939: PAL
- Encentrum forcipatum* Dartnall, 1997: ANT
- Encentrum frenoti* De Smet, 2002 (marine)
- Encentrum gibbosum* Wulfert, 1936: AUS, PAL
- Encentrum glaucum* Wulfert, 1936: PAL
- Encentrum goldschmidii* Jersabek, 1999: PAL
- Encentrum graingeri* Chengalath, 1985 (marine)
- Encentrum gulo* Wulfert, 1936: PAL
- Encentrum hofsteni* (de Beauchamp, 1913): PAL
- Diglena hofsteni* de Beauchamp, 1913
- Encentrum incisum* Wulfert, 1936: PAL
- Encentrum insolitum* Myers, 1936: NEA
- Encentrum kostei* Tzschaschel, 1978 (marine psammon)
- Encentrum kozminskii* Wiszniewski, 1948: PAL
- Encentrum kulmatyckii* Wiszniewski, 1953
- Syn.: *Encentrum grande* De Smet, 1997 (*non* Western (1891))
- Encentrum kutikovae* De Smet & Chernyshev, 2006 (marine psammon)
- Encentrum lacidum* Harring & Myers, 1928: NEA (brackish water)
- Encentrum limicola* Otto, 1936 (marine)
- Encentrum listense* Tzschaschel, 1979 (marine psammon)
- Encentrum listenoides* De Smet, 2000 (marine)
- Encentrum longidens* Donner, 1943: ORI, PAL
- Encentrum longipes* Wulfert, 1936: PAL
- Encentrum longirostrum* Tzschaschel, 1979 (marine psammon)
- Encentrum lupus* Wulfert, 1936: PAL
- Encentrum lutra* Wulfert, 1936: NEA, PAL
- Encentrum mariae* Koniar, 1957: PAL
- Encentrum marinum* (Dujardin, 1841): NEA, PAL (marine, brackish and freshwater)
- Furcularia marina* Dujardin, 1841
- Encentrum martes* Wulfert, 1939: PAL
- Encentrum martoides* Fott, 1960: PAL
- Encentrum matthesi* Remane, 1949 (marine psammon)
- Encentrum minax* Donner, 1943: PAL
- Encentrum moldavicum* Sládeček, 1961: PAL
- Encentrum mucronatum* Wulfert, 1936: NEA, PAL
- Encentrum murrayi* Bryce, 1922: PAL
- Encentrum mustela* (Milne, 1885): AFR, ANT, PAL
- Pleurotrocha mustela* Milne, 1885
- Encentrum myersi* Wulfert, 1936: PAL (brackish water)
- Encentrum nesites* Harring & Myers, 1928: NEA (marine and freshwater)
- Encentrum nikor* (Pawlowski, 1938): PAL
- Dicranophorus nikor* Pawłowski, 1938
- Encentrum obesum* Tzschaschel, 1979 (marine)
- Encentrum oculatum* Harring & Myers, 1928: NEA, PAL (brackish water)

- Encentrum orthodactylum* Wulfert, 1936: PAL
Encentrum otois Herring & Myers, 1928: NEA, PAL
Encentrum oxyodon Wulfert, 1936: PAL
Encentrum pachypus Wulfert, 1936: PAL
Encentrum parime Herring & Myers, 1928: NEA
Encentrum parvum Donner, 1952: PAL
Encentrum permolle (Gosse, 1886): NEA, PAL
 Diglena permollis Gosse, 1886
Encentrum permutandum Tzschaschel, 1979 (marine)
Encentrum pornsilpi Segers & Chittapun, 2001: ORI
Encentrum porsildi Sørensen, 1998 (marine)
Encentrum psammophilum Althaus, 1957 (marine psammon)
Encentrum putorius Wulfert, 1936: AUS, NEA, PAL
 Syn.: *Encentrum putorius armatum* Donner, 1943
Encentrum rapax Donner, 1943: PAL
Encentrum remanei Voigt, 1957 (marine psammon)
 Syn.: *Encentrum pachypus* Remane, 1949 (*non* Wulfert (1936))
Encentrum rousseleti (Lie-Pettersen, 1905): PAL (marine and brackish water)
 Diglena rousseleti Lie-Pettersen, 1905
Encentrum sacculiforme Tzschaschel, 1979 (marine psammon)
Encentrum salinum Dartnall, 1997: ANT
Encentrum salsum Myers, 1936: NEA (brackish water)
Encentrum saundersiae (Hudson, 1885): AUS, NEA, NEO, PAL
 Taphrocampa saundersiae Hudson, 1885
Encentrum semiplicatum Wulfert, 1936: PAL
Encentrum simillimum Remane, 1929 (marine psammon)
Encentrum sorex Wulfert, 1950: PAC, PAL
Encentrum spatiatum Wulfert, 1936: PAL (brackish and freshwater)
Encentrum spinosum Koch-Althaus, 1962: PAL
Encentrum stechlinense Koch-Althaus, 1962: PAL
Encentrum striatum Althaus, 1957 (marine psammon)
Encentrum sutor Wiszniewski, 1936: NEA, PAL
Encentrum sutoroides Wulfert, 1940: PAL
Encentrum tectipes Remane, 1949 (marine psammon)
Encentrum tenuidigitatum De Smet, 2000 (marine psammon)
Encentrum tobyhannaense Myers, 1940: NEA, PAL
Encentrum torvitoides (Smirnov, 1930): PAL
 Dicranophorus torvitoides Smirnov, 1930
Encentrum torvitum (Herring & Myers, 1928): NEA
 Dicranophorus torvitus Herring & Myers, 1928
Encentrum typhos Wulfert, 1936: NEA, PAL
Encentrum umbonatum Kutikova, 1985 (Baikal endemic)
Encentrum uncinatum (Milne, 1886): AFR, ANT, NEO, ORI, PAL
 Diglena uncinata Milne, 1886
Encentrum ussuriensis De Smet & Chernyshev, 2006 (marine psammon)
Encentrum valkanovi Althaus, 1957 (marine psammon)

Encentrum villosum Herring & Myers, 1928: NEA, PAL (marine and brackish water)
Encentrum voigti Wulfert, 1936: PAL
Encentrum walterkostei Jersabek, 1994: PAL
Encentrum wiszniewskii Wulfert, 1939: PAL
Encentrum zetetum Herring & Myers, 1928: NEA

***Enteroplea* Ehrenberg, 1830**

Enteroplea lacustris Ehrenberg, 1830: AUS, NEA, NEO, ORI, PAL

***Eosphora* Ehrenberg, 1830**

Eosphora anthadis Herring & Myers, 1922: AUS, NEA, NEO, ORI, PAL
Eosphora ehrenbergi Weber & Montet, 1918: AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Notommata najas* Ehrenberg, 1832
Eosphora gibba Garner, 1937: PAL
Eosphora najas Ehrenberg, 1830: AFR, AUS, NEA, NEO, ORI, PAL
Eosphora therina Herring & Myers, 1922: NEA
Eosphora thoa Herring & Myers, 1924: AUS, NEA, NEO, PAL
Eosphora thoides Wulfert, 1935: AFR, AUS, NEA, NEO, PAL

***Eothinia* Herring & Myers, 1922**

Eothinia argus Herring & Myers, 1924: NEA
Eothinia carogaensis Myers, 1937: NEA
Eothinia elongata (Ehrenberg, 1832): AFR, AUS, NEA, NEO, ORI, PAL
 Eosphora elongata Ehrenberg, 1832
 Syn.: *Eothinia elongata macra* Bērziņš, 1949
 Syn.: *Eothinia lamellata* Bērziņš, 1949
Eothinia eukolpa Myers, 1940: NEA
Eothinia poitera Myers, 1933: NEA
Eothinia triphaea Herring & Myers, 1924: NEA, PAL
 Syn.: *Eothinia lasiobiotica* Bērziņš, 1949

***Epiphanes* Ehrenberg, 1832**

Hydatina Ehrenberg, 1830 (*non* Schumacher (1817))

Epiphanes brachionus (Ehrenberg, 1837)
 Notommata brachionus Ehrenberg, 1837
Epiphanes brachionus brachionus (Ehrenberg, 1837): AFR, AUS, NEA, NEO, ORI, PAL
Epiphanes brachionus spinosa (Rousselet, 1901): AFR, NEO, ORI, PAL
 Notops brachionus spinosa Rousselet, 1901
 Syn.: *Brachionus inermispinosus* De Smet, 1989
Epiphanes clavulata (Ehrenberg, 1832): AFR, AUS, NEA, NEO, ORI, PAL
 Notommata clavulata Ehrenberg, 1832

Epiphanes desmeti Rougier & Pourriot, 2006 (*species inquirenda*)
Epiphanes macroura (Barrois & Daday, 1894): AFR, AUS, NEA, NEO, ORI, PAL
 Notops macrourus Barrois & Daday, 1894
 Syn.: *Notops mollis* Hempel, 1896
Epiphanes pelagica (Jennings, 1900): NEA, PAL
 Notops pelagicus Jennings, 1900
Epiphanes senta (Müller, 1773): AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL
 Vorticella senta Müller, 1773
 Syn.: *Enteroplea hydatina* Ehrenberg, 1831
 Syn.: *Hydatina macragnatha* Schmarda, 1859
 Syn.: *Hydatina monops* Hilgendorf, 1899
 Syn.: *Hydatina oblonga* Daday, 1908

***Erignatha* Herring & Myers, 1922**

Erignatha capula Herring & Myers, 1928: NEA
Erignatha clastopsis (Gosse, 1886): AUS, NEA, NEO, PAL
 Diglena clastopsis Gosse, 1886
Erignatha longidentata Sørensen, 2001: PAL (brackish water)
Erignatha sagitta Herring & Myers, 1928: NEA
Erignatha sagittoides Wiszniewski, 1935: PAL
Erignatha tenuidens (de Beauchamp, 1913): PAL
 Diglena tenuidens de Beauchamp, 1913

***Euchlanis* Ehrenberg, 1832**

Dapidia Gosse, 1887

Euchlanis alata Voronkov, 1912: AUS, NEA, ORI, PAL
Euchlanis arenosa Myers, 1936: NEA
Euchlanis callimorpha Bērziņš, 1957: AFR
Euchlanis callysta Myers, 1930: NEA
Euchlanis calpidia Myers, 1930: AUS, NEA, ORI, PAL
Euchlanis contorta (Wulfert, 1939): PAL
 Dapidia contorta Wulfert, 1939
Euchlanis dactyliseta Sudzuki, 1998 (*species inquirenda*)
Euchlanis dapidula Parise, 1966: PAL
Euchlanis deflexa (Gosse, 1851): AFR, AUS, NEA, NEO, ORI, PAL
 Dapidia deflexa Gosse, 1851
 Syn.: *Euchlanis calpidia* Myers, 1930
Euchlanis dilatata Ehrenberg, 1832
Euchlanis dilatata dilatata Ehrenberg, 1832: AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL
 Syn.: *Euchlanis hippocideros* Gosse, 1851
 Syn.: *Euchlanis unisetata* Leydig, 1854
Euchlanis dilatata lucksiana Hauer, 1930: AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Euchlanis dilatata crassa* Myers, 1938

Euchlanis hyphidactyla Parise, 1963: NEA, PAL
Euchlanis incisa Carlin, 1939: AFR, AUS, NEA, NEO, ORI, PAC, PAL (incl. the infrasubspecific variant *mucronata* Ahlstrom, 1934)
Euchlanis ligulata Kutikova & Vassileva, 1982: PAL (Baikal endemic)
Euchlanis lyra Hudson, 1886: AFR, AUS, NEA, NEO
 Syn.: *Euchlanis myersi* Kutikova, 1959
Euchlanis mamorokaensis Bērziņš, 1973 (*species inquirenda*)
Euchlanis meneta Myers, 1930: AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Euchlanis proxima* Myers, 1930
Euchlanis mikropous Koch-Althaus, 1962: PAL
Euchlanis oropha Gosse, 1887: AFR, ANT, AUS, NEA, NEO, ORI, PAL
 Syn.: *Euchlanis parva* Rousselet, 1892
Euchlanis parameneta Bērziņš, 1973 (*species inquirenda*)
Euchlanis perpusilla De Ridder, 1977 (*species inquirenda*)
Euchlanis phryne Myers, 1930: AUS, NEA
Euchlanis pyriformis Gosse, 1851: AFR, AUS, NEA, NEO, PAL
Euchlanis semicarinata Segers, 1993: AFR, AUS, NEO, ORI
Euchlanis triquetra Ehrenberg, 1838: AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Euchlanis brahmae* Dhanapathi, 1976
 Syn.: *Dapidia carinata* Carlin-Nilson, 1934
 Syn.: *Dapidia lata* Carlin-Nilson, 1934
 Syn.: *Euchlanis longobardica* Manfredi, 1927
 Syn.: *Euchlanis pellucida* Harring, 1921
 Syn.: *Euchlanis triquetra pterigoidea* Grese, 1955

***Filinia* Bory de St. Vincent, 1824**

Fadeewella Smirnov, 1928

Parafilinia Sudzuki, 1989

Tetramastix Zacharias, 1898

Triarthra Ehrenberg, 1832

Filinia australiensis Koste, 1980: AFR, AUS

Filinia brachiata (Rousselet, 1901): AFR, AUS, NEA, ORI, PAL

Triarthra brachiata Rousselet, 1901

 Syn.: *Filinia aseta* Fadeew, 1925

Filinia camasecla Myers, 1938: ORI (Single Neotropical record from Panama; introduction?)

 Syn.: *Filinia camasecla cambodgensis* Bērziņš, 1973

Filinia cornuta (Weisse, 1847): AFR, AUS, NEA, ORI, PAL

Triarthra cornuta Weisse, 1847

 Syn.: *Triarthra breviseta* Gosse, 1851

 Syn.: *Triarthra breviseta monoarthra* Sokolova, 1922

Filinia grandis Koste & Shiel, 1980: AUS

Filinia hofmanni Koste, 1980: PAL

Filinia limnetica (Zacharias, 1893): AFR, AUS, NEA, NEO, ORI, PAL

Triarthra limnetica Zacharias, 1893

- Syn.: *Triarthra tranites* Skorikov, 1896
Filinia longiseta (Ehrenberg, 1834): AFR, AUS, NEA, NEO, ORI, PAL (Records of *F. longiseta* from hypolimnetic conditions may be *F. hofmanni*)
Triarthra longiseta Ehrenberg, 1834
Syn.: *Filinia longiseta intermedia* Buchholz, 1952
Syn.: *Filinia longiseta minor* Evans, 1949
Filinia minuta (Smirnov, 1928): PAL
Fadeewella minuta Smirnov, 1928
Syn.: *Fadeewella nipponensis* Sudzuki, 1975
Filinia novaezealandiae Shiel & Sanoamuang, 1993: AFR, AUS, NEA, ORI
Filinia opoliensis (Zacharias, 1898): AFR, AUS, NEA, NEO, ORI, PAL
Tetramastix opoliensis Zacharias, 1898
Syn.: *Tetramastix taiwanensis* Harada, 1937
Filinia passa (Müller, 1786): AFR, AUS, NEA, ORI, PAL
Brachionus passus Müller, 1786
Syn.: *Filinia muelleri* Bory de St. Vincent, 1826
Syn.: *Triarthra mystacina* Ehrenberg, 1832
Filinia pejleri Hutchinson, 1964: AFR, ANT, AUS, NEO, ORI, PAL
Syn.: *Filinia terminalis kerguelensis* Lair & Koste, 1984
Filinia saltator (Gosse, 1886): AFR, NEO, PAL
Pedetes saltator Gosse, 1886
Syn.: *Filinia longiseta* var. *acaudata* Hauer, 1953
Filinia terminalis (Plate, 1886): AFR, AUS, NEA, NEO, ORI, PAL (includes the infrasubspecific variant *baikalensis* Eggert, 1973. Warm-water records of *F. terminalis* may be *F. novaezealandiae*)
Triarthra terminalis Plate, 1886
Syn.: *Triarthra maior* Colditz, 1924

***Floscularia* Cuvier, 1798**

- Floscularia armata* Segers, 1997: NEA, ORI
Floscularia bifida Segers, 1997: NEA
Floscularia conifera (Hudson, 1886): AFR, AUS, NEA, NEO, ORI, PAL
Melicerta conifera Hudson, 1886
Floscularia curvicornis Rougier & Pourriot, 2006 (*species inquirenda*)
Floscularia decora Edmondson, 1940: NEO, ORI
Floscularia janus (Hudson, 1881): AFR, AUS, NEA, NEO, PAC, PAL
Oecistes janus Hudson, 1881
Syn.: *Melicerta flocculosa* Kellicott, 1896
Floscularia melicerta (Ehrenberg, 1832): AFR, AUS, NEA, NEO, ORI, PAL
Lacinularia melicerta Ehrenberg, 1832
Syn.: *Tubicolaria najas* Ehrenberg, 1838
Syn.: *Melicerta tubicolaria* Hudson & Gosse, 1886
Syn.: *Melicerta tyro* Hudson, 1875
Floscularia noordti Koste, 1972: NEO
Floscularia pedunculata (Joliet, 1883): NEA, PAL
Melicerta pedunculata Joliet, 1883

Floscularia ringens (Linnaeus, 1758): AFR, AUS, NEA, NEO, ORI, PAL

Serpula ringens Linnaeus, 1758

Syn.: *Rotifer quadricircularis* Dutrochet, 1812

Syn.: *Tubicolaria quadriloba* Lamarck, 1816

Syn.: *Tubicolaria quadrilobata* Blainville, 1828

Syn.: *Tubicolaria tetrapetala* Cuvier, 1817

Syn.: *Brachionus tubifex* Pallas, 1766

***Gastropus* Imhof, 1898**

Postclausa Hilgendorf, 1899

Gastropus hyptopus (Ehrenberg, 1838): AFR, AUS, NEA, NEO, ORI, PAL

Notommata hyptopus Ehrenberg, 1838

Syn.: *Gastropus bretensis* Linder, 1904

Gastropus minor (Rousselet, 1892): AFR, AUS, NEA, NEO, ORI, PAL

Notops minor Rousselet, 1892

Syn.: *Postclausa cricularis* Hilgendorf, 1899

Syn.: *Notops fennicus* Stenroos, 1898

Syn.: *Postclausa minuta* Hilgendorf, 1899

Syn.: *Hypopus ritenbenki* Bergendal, 1892

Gastropus stylifer (Imhof, 1891): AFR, AUS, NEA, NEO, PAL

Notops stylifer Imhof, 1891

Syn.: *Sacculus orbicularis* Kellicott, 1897

Syn.: *Hudsonella picta* Zacharias, 1893

Syn.: *Hudsonella pygmaea* Zacharias, 1894

Syn.: *Notops pygmaeus* Calman, 1892

Syn.: *Hudsonia ruber* Hood, 1893

***Glaciera* Jersabek, 1999**

Glaciera schabetsbergeri Jersabek, 1999: PAL

***Habrotrocha* Bryce, 1910**

Habrotrocha acornis Murray, 1911: AFR, NEO

Habrotrocha alacris Milne, 1916: AFR

Habrotrocha amphichlaena De Koning, 1947: PAL

Habrotrocha ampulla Murray, 1911: AFR, NEA, NEO, ORI, PAL

Habrotrocha angularis (Murray, 1910): ANT

Callidina angularis Murray, 1910

Habrotrocha angusticollis (Murray, 1905)

Callidina angusticollis Murray, 1905

Habrotrocha angusticollis alterversa Koste, 1970: PAL

Habrotrocha angusticollis angusticollis (Murray, 1905): AFR, ANT, AUS, NEA, NEO, ORI, PAL

Habrotrocha angusticollis attenuata (Murray, 1906): AUS, NEO, ORI, PAL

Callidina angusticollis attenuata Murray, 1906

- Habrotrocha angusticollis monteti* De Koning, 1947: AUS, PAL
Habrotrocha angusticollis reversa Bartoš, 1951: AUS, PAL
Habrotrocha annulata (Murray, 1905): NEA, NEO, PAL
 Callidina annulata Murray, 1905
Habrotrocha appendiculata Murray, 1911: AFR, AUS, PAL
Habrotrocha aspera (Bryce, 1892): AFR, AUS, NEA, NEO, ORI, PAC, PAL
 Callidina aspera Bryce, 1892
Habrotrocha baradlana Varga, 1963: PAL
Habrotrocha bartosi Koniar, 1955: PAL
Habrotrocha bidens (Gosse, 1851): AFR, AUS, NEA, NEO, ORI, PAL
 Callidina bidens Gosse, 1851
 Syn.: *Habrotrocha milnei* Bryce, 1922
Habrotrocha brocklehursti Murray, 1911: AFR, PAL
Habrotrocha bulbosa Wulfert, 1961: PAL
Habrotrocha calosa Wulfert, 1942: PAL
Habrotrocha caudata Murray, 1911: AFR, AUS, NEO, PAC
Habrotrocha collaris (Ehrenberg, 1832): AFR, AUS, NEA, PAL
 Philodina collaris Ehrenberg, 1832
Habrotrocha colliflectens Bartoš, 1944: PAL
Habrotrocha constricta (Dujardin, 1841): AFR, ANT, AUS, NEA, NEO, PAC, PAL
 Callidina constricta Dujardin, 1841
Habrotrocha crassa Donner, 1949: PAL
Habrotrocha crenata (Murray, 1905)
 Callidina crenata Murray, 1905
Habrotrocha crenata crenata (Murray, 1905): ANT, AUS, PAL
 Syn.: *Mniobia scarlatina* f. *angulata* Bartoš, 1938
Habrotrocha crenata sphagnicola Pawłowski, 1938: AFR, PAL
 Syn.: *Mniobia scarlatina* f. *rugosa* Bartoš, 1938
Habrotrocha cucullata Murray, 1911: AFR, AUS
Habrotrocha cuneata Murray, 1913: NEO
Habrotrocha curva De Koning, 1947: PAL
Habrotrocha curvicollis Bartoš, 1951: PAL
Habrotrocha diarthrantenna De Koning, 1947: PAL
Habrotrocha elegans (Milne, 1886): PAL
 Macrotrachela elegans Milne, 1886
 Syn.: *Callidina venusta* Bryce, 1897
Habrotrocha elliptica Bartoš, 1963: ORI
Habrotrocha elusa Milne, 1916
Habrotrocha elusa elusa Milne, 1916: AFR, ANT, AUS, PAL
Habrotrocha elusa vegeta Milne, 1916: AFR, PAL
Habrotrocha eremita (Bryce, 1894): AFR, AUS, NEA, NEO, PAL
 Callidina eremita Bryce, 1894
Habrotrocha filum Donner, 1949: NEO, PAL
Habrotrocha flava Bryce, 1915: AUS, NEA, PAL
Habrotrocha flaviformis De Koning, 1947: AUS, NEO, PAL
Habrotrocha flexicollis Bartoš, 1963: ORI

- Habrotrocha fuhrmanni* Heinis, 1913: NEO
Habrotrocha fusca (Bryce, 1894): AUS, NEO, ORI, PAL
Callidina fusca Bryce, 1894
Habrotrocha fuscochlaena De Koning, 1947: PAL
Habrotrocha gibbosa De Koning, 1947: AUS, PAL
Habrotrocha gracilis Montet, 1915
Habrotrocha gracilis gracilis Montet, 1915: AUS, PAL
Habrotrocha gracilis quadridens Schulte, 1954: PAL
Habrotrocha granulata De Koning, 1947: PAL
Habrotrocha gulosa Milne, 1916: AFR, PAL
Habrotrocha heinisi Bartoš, 1951: NEO
Habrotrocha humilis Schulte, 1954: PAL
Habrotrocha incola Bartoš, 1951: PAL
Habrotrocha iners Milne, 1916: AFR
Habrotrocha insignis Bryce, 1915: AUS, PAL
 Syn.: *Habrotrocha proxima* Donner, 1950
Habrotrocha komareki Bartoš, 1944: PAL
Habrotrocha lamellata Bartoš, 1951: PAL
Habrotrocha lata (Bryce, 1892)
Callidina lata Bryce, 1892
Habrotrocha lata lata (Bryce, 1892): AFR, AUS, NEA, NEO, ORI, PAL
Habrotrocha lata lens Donner, 1965: PAL
Habrotrocha lata paxi Wulfert, 1941: PAL
Habrotrocha lata progonidia (Monard, 1918): PAL
Callidina progonidia Monard, 1918
Habrotrocha leitgebii (Zelinka, 1886): AUS, ORI, PAC, PAL
Callidina leitgebii Zelinka, 1886
Habrotrocha levis Donner, 1951: PAL
Habrotrocha ligula Bryce, 1913
Habrotrocha ligula aligula Burger, 1948: AUS, NEA, PAL
Habrotrocha ligula ligula Bryce, 1913: AUS, NEA, PAL
Habrotrocha ligula loxoglotta De Koning, 1947: PAL
Habrotrocha longicalcarata Bērziņš 1950: PAL
Habrotrocha longiceps (Murray, 1906): AFR, AUS, NEO, PAC, PAL
Callidina longiceps Murray, 1906
Habrotrocha longicollis Bartoš, 1963: ORI
Habrotrocha longula Bryce, 1915: PAL
Habrotrocha maculata Murray, 1911: AFR, NEA, NEO, PAL
Habrotrocha mediocris Donner, 1951: PAL
Habrotrocha megalcephala De Koning, 1947: PAL
Habrotrocha microcephala (Murray, 1906): AUS, NEA, ORI, PAL
Callidina microcephala Murray, 1906
Habrotrocha minima De Koning, 1947: PAL
Habrotrocha minuta (Murray, 1908): PAL
Callidina minuta Murray, 1908
Habrotrocha modesta Bartoš, 1963: ORI

- Habrotrocha munda* Bryce, 1913: AFR, AUS, NEA, PAL
Habrotrocha murrayi Bartoš, 1951: AFR
Habrotrocha nodosa Murray, 1911: AFR, NEO, ORI, PAC, PAL
Habrotrocha nodulata De Koning, 1947: PAL
Habrotrocha novemdens De Koning, 1947: PAL
Habrotrocha parvipes Donner, 1951: PAL
Habrotrocha pavida Bryce, 1915: NEA, PAL
Habrotrocha perforata (Murray, 1906)
 Callidina perforata Murray, 1906
Habrotrocha perforata americana (Murray, 1907): NEO, ORI
 Callidina perforata americana Murray, 1907
Habrotrocha perforata perforata (Murray, 1906): AFR, AUS, NEO, ORI, PAL
Habrotrocha pertinax Milne, 1916: AFR
Habrotrocha placida Milne, 1916: AFR
Habrotrocha plana Milne, 1916: AFR, PAL
Habrotrocha porrecta Bērziņš, 1950: PAL
Habrotrocha praelonga De Koning, 1947: PAL
Habrotrocha puella Donner, 1950
 Habrotrocha puella excedens Donner, 1962: AFR, AUS, PAL
Habrotrocha puella puella Donner, 1950: AUS, NEO, PAL
Habrotrocha pulchra (Murray, 1905): AFR, ANT, AUS, NEA, NEO, PAL
 Callidina pulchra Murray, 1905
Habrotrocha pusilla (Bryce, 1893)
 Callidina pusilla Bryce, 1893
Habrotrocha pusilla nuda Donner, 1950: AUS, PAL
Habrotrocha pusilla pusilla (Bryce, 1893): AFR, AUS, NEA, PAL
Habrotrocha pusilla textrix (Bryce, 1897): AFR, PAL (incl. f. *longilabris* Donner, 1950; f. *brevilabris* Donner, 1950)
 Callidina pusilla textrix Bryce, 1897
Habrotrocha quinquedens De Koning, 1947
Habrotrocha quinquedens doornensis De Koning, 1947: PAL
Habrotrocha quinquedens quinquedens De Koning, 1947: PAL
Habrotrocha rara Donner, 1949: NEO, PAL
Habrotrocha reclusa (Milne, 1889): AUS, NEA, PAL
 Macrotrachela reclusa Milne, 1886
Habrotrocha recumbens Bartoš, 1963: ORI
Habrotrocha roeperi (Milne, 1889): NEA, PAL
 Macrotrachela roeperi Milne, 1889
Habrotrocha rosa Donner, 1949: AFR, AUS, NEA, NEO, PAL
Habrotrocha scabropyga Bartoš, 1958: PAL
Habrotrocha scepanotrochooides De Koning, 1947: AUS, PAL
Habrotrocha schultei Donner, 1965: PAL
Habrotrocha serpens Donner, 1949: AFR, AUS, PAL
 Syn.: *Habrotrocha stenosoma* Bartoš, 1949
Habrotrocha solida Donner, 1949: NEO, PAL
Habrotrocha solitaria Donner, 1949: PAL

Habrotrocha sollicita Donner, 1949: NEO, PAL
Habrotrocha soror Donner, 1950: NEO, PAL
Habrotrocha spicula Bryce, 1913: AFR, AUS, ORI, PAL
 Syn.: *Mniobia cornuta* Bartoš, 1938
Habrotrocha stenochlaena De Koning, 1947: PAL
Habrotrocha stenostephana Schulte, 1954: AFR, PAL
Habrotrocha strangulata Murray, 1911: AUS, PAL
Habrotrocha subtilis Donner, 1965: PAL
Habrotrocha sylvestris Bryce, 1915: AUS, NEO, PAL
Habrotrocha thermalis Pax & Wulfert, 1942: PAL
Habrotrocha thienemanni Hauer, 1924
Habrotrocha thienemanni rubella Donner, 1951: PAL
Habrotrocha thienemanni thienemanni Hauer, 1924: PAL
Habrotrocha tranquilla Milne, 1916: AFR, AUS, PAL
Habrotrocha tridens (Milne, 1886)
 Macrotrachela tridens Milne, 1886
Habrotrocha tridens globigera Donner, 1950: AFR, AUS, PAL
Habrotrocha tridens tridens (Milne, 1886): ANT, AUS, NEA, NEO, PAL
Habrotrocha tridentata De Koning, 1947: PAL
Habrotrocha trilobata Bartoš, 1948: PAL
Habrotrocha tripus (Murray, 1907): AUS, NEO, PAL
 Callidina tripus Murray, 1907
Habrotrocha valida Milne, 1916: AFR
Habrotrocha vicina Donner, 1980: NEO
Habrotrocha visa Donner, 1954: PAL

***Harringia* de Beauchamp, 1912**

Harringia eupoda (Gosse, 1887): NEA, PAL
 Asplanchna eupoda Gosse, 1887
Harringia rousseleti de Beauchamp, 1912: NEA, NEO, ORI, PAL

***Henoceros* Milne, 1916**

Henoceros caudatus Hauer, 1937: ORI
Henoceros falcatus (Milne, 1916): AFR, NEO, ORI, PAL
 Monoceros falcatus Milne, 1916

***Hexarthra* Schmarda, 1854**

Pedalia Barrois, 1878
Pedalion Hudson, 1871 *non* Swainson, 1839; *non* Solier, 1847; *non* Buckton, 1903
Hexarthra brandorffi Koste, 1977: NEA, NEO
Hexarthra bulgarica (Wiszniewski, 1933)
 Pedalia bulgarica Wiszniewski, 1933
Hexarthra bulgarica bulgarica (Wiszniewski, 1933): AFR, PAL

- Hexarthra bulgarica canadensis* Dumont, Coussement & Anderson, 1978: NEA, PAL
Hexarthra bulgarica nepalensis Dumont, Coussement & Anderson, 1978: PAL
Hexarthra fennica (Levander, 1892): AFR, AUS, NEA, NEO, ORI
Pedalia fennica Levander, 1892
Hexarthra intermedia (Wiszniewski, 1929)
Pedalia intermedia Wiszniewski, 1929
Hexarthra intermedia brasiliensis Hauer, 1953: AFR, NEO (*braziliensis* auct.)
Hexarthra intermedia intermedia (Wiszniewski, 1929): AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Pedalia insulana* Hauer, 1938
Hexarthra jenkinae (de Beauchamp, 1932): AFR, AUS, NEA, PAL
Pedalia jenkinae de Beauchamp, 1932
 Syn.: *Pedalion libica* Manfredi, 1939
Hexarthra longicornicula Turner, 1987: NEO
Hexarthra mira (Hudson, 1871): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Pedalion mira Hudson, 1871
Hexarthra mollis (Bartoš, 1948): PAL
Pedalia mollis Bartoš, 1948
Hexarthra oxyuris (Sernov, 1903): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Pedalion oxyure Sernov, 1903
 Syn.: *Pedalion mucronatum* Daday, 1908
Hexarthra polychaeta Bennetch, 1981: AFR, NEA, PAC
Hexarthra polyodonta (Hauer, 1957)
Pedalia polyodonta Hauer, 1957
Hexarthra polyodonta jasperina Dumont, Coussement & Anderson, 1978: NEA
Hexarthra polyodonta polyodonta (Hauer, 1957): AUS, NEA, PAL
 Syn.: *Pedalia fennica* var. *medica* Löffler, 1961
Hexarthra polyodonta soaplakeiensis Koste, 1977: NEA
Hexarthra propinqua (Bartoš, 1948): PAL
Pedalia propinqua Bartoš, 1948
Hexarthra reducens (Bartoš, 1948): PAL
Pedalia reducens Bartoš, 1948

***Horaella* Donner, 1949**

- Horaella brehmi* Donner, 1949: AFR, AUS, ORI, PAL
Horaella thomassoni Koste, 1973: NEO

***Inflatana* Kutikova, 1985**

- Inflatana pomazkovae* Kutikova, 1985: PAL (Baikal endemic)

***Itura* Harring & Myers, 1928**

- Itura aurita* (Ehrenberg, 1830): AUS, NEA, NEO, ORI, PAL
Diglena aurita Ehrenberg, 1830
 Syn.: *Itura cayuga* Harring & Myers, 1928 (synonym occasionally considered an infrasubspecific variant of the nominal species)

Syn.: *Itura intermedia* Wulfert, 1935 (synonym occasionally considered an infrasubspecific variant of the nominal species)

Itura chamadis Harring & Myers, 1928: NEA, NEO, PAL

Itura deridderae Segers, 1993: AFR, AUS

Itura myersi Wulfert, 1935: AUS, NEA, NEO, ORI, PAL

Itura symmetrica Segers, Mbogo & Dumont, 1994: AFR, AUS

Itura viridis (Stenoos, 1898): AUS, NEA, NEO, ORI, PAL

Eosphora viridis Stenoos, 1898

***Kellicottia* Ahlstrom, 1938**

Kellicottia bostoniensis (Rousselet, 1908): NEA, NEO (introduced in PAL)

Notholca bostoniensis Rousselet, 1908

Kellicottia longispina (Kellicott, 1879): AFR, NEA, NEO, ORI, PAL (originally PAL, introduced in NEO, NEA?)

Anuraea longispina Kellicott, 1879

Syn.: *Notholca longispina heterospina* Olofsson, 1917

Syn.: *Notholca longispina taymirica* Grese, 1955

***Keratella* Bory de St. Vincent, 1822**

Keratella ahlstromi Russell, 1951: AUS

Keratella americana Carlin, 1943: ANT, NEA, NEO (introduced in PAL and AFR)

Syn.: *Keratella gracilenta* Ahlstrom, 1943

Syn.: *Keratella lenzi caudata* Koste, 1972

Keratella armadura Stemberger, 1990: NEA

Keratella australis Bērziņš, 1963: AUS

Syn.: *Keratella quadrata australis* Bērziņš, 1963

Keratella canadensis Bērziņš, 1954: NEA

Keratella cochlearis (Gosse, 1851) (The taxonomy of *K. cochlearis* is particularly confused. Validation of the numerous proposed subspecies and infrasubspecific variants awaits a thorough revision of the taxon)

Anuraea cochlearis Gosse, 1851

Keratella cochlearis cochlearis (Gosse, 1851): AFR, ANT, AUS, NEA, NEO, ORI, PAL

Syn.: *Anuraea cochlearis recurvispina* Jägerskiöld, 1894 (synonym occasionally considered an infrasubspecific variant (f. *recurvispina*) of *K. cochlearis*)

Syn.: *Anuraea stipitata* Ehrenberg, 1838

Keratella cochlearis pachyacantha Thomasson, 1980: AFR, NEO

Keratella cochlearis polaris De Smet & Bafort, 1990: NEA

Keratella crassa Ahlstrom, 1943: NEA

Keratella cruciformis (Thompson, 1892): NEA, PAL (brackish water - marine)

Anuraea cruciformis Thompson, 1892

Syn.: *Keratella wirketissi* Kutikova, 1970

Keratella earolinae Ahlstrom, 1943: NEA, NEO

Keratella edmondsoni Ahlstrom, 1943: ORI

Keratella eichwaldi (Levander, 1894): PAL (brackish water - marine)

Anuraea eichwaldi Levander, 1894

- Syn.: *Keratella kamtschatica* Kutikova, 1970
Keratella hiemalis Carlin, 1943: NEA, PAL
Keratella irregularis (Lauterborn, 1898): NEA, PAL (doubtful in AFR)
Anuraea irregularis Lauterborn, 1898
 Syn.: *Anuraea cochlearis* var. *irregularis* Lauterborn, 1898
Keratella javana Hauer, 1937: AFR, AUS, ORI
 Syn.: *Keratella carinata* Russell, 1950
 Syn.: *Keratella cochlearis* var. *javana* Hauer, 1938
Keratella kostei Paggi, 1981: ANT, NEO (Patagonia, the Falkland Islands and South Georgia Island)
 Syn.: *Keratella heywoodi* Dartnall, 2005
Keratella lenzi Hauer, 1953: AFR, NEA, NEO, ORI
Keratella maliensis Koste & Tobias, 1987: AFR
Keratella mexicana Kutikova & Silva-Briano, 1995: NEO
Keratella mixta (Oparina-Charitonova, 1924): NEA, ORI, PAL
Anuraea mixta Oparina-Charitonova, 1924
 Syn.: *Anuraea cochlearis* var. *mixta* Oparina-Charitonova, 1924
 Syn.: *Keratella mixta ahlstromiella* Bērziņš, 1961
Keratella mongoliana Segers & Rong, 1998: PAL (East Palaearctic)
Keratella morenoi Modenutti, Diéguez & Segers, 1998: NEO
Keratella nhamundaiensis Koste, 1982: NEO
 Syn.: *Keratella nhamunda* Koste & Robertson, 1983
Keratella ona Boltovskoy & Urrejola, 1977: NEO (Tierra del Fuego)
Keratella paludosa (Lucks, 1912): AFR, NEA, PAL
Anuraea paludosa Lucks, 1912
Keratella procurva (Thorpe, 1891)
Anuraea procurva Thorpe, 1891
Keratella procurva haterumensis Sudzuki, 1992 (*species inquirenda*)
Keratella procurva procurva (Thorpe, 1891): AFR, AUS, NEO, ORI, PAL
Keratella procurva robusta Koste & Shiel, 1980: AUS
Keratella quadrata (Müller, 1786) (The taxonomy of *K. quadrata* is particularly confused. Validation of the numerous proposed subspecies and infrasubspecific variants awaits a thorough revision of the taxon)
Brachionus quadratus Müller, 1786
Keratella quadrata dispersa Carlin, 1943: AFR, AUS, NEA, PAL (subspecies described as, and occasionally considered an infrasubspecific variant of *K. quadrata*)
Keratella quadrata quadrata (Müller, 1786): AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Anuraea aculeata* Ehrenberg, 1832
 Syn.: *Keratella quadrata neali* Bērziņš, 1961
 Syn.: *Keratella quadrata valgoides* Edmonson & Hutchinson, 1934
Keratella reducta (Huber-Pestalozzi, 1929): AFR (South Africa)
Anuraea reducta Huber-Pestalozzi, 1929
 Syn.: *Keratella tetracera* Hutchinson, 1961
Keratella sancta Russell, 1944: ANT, AUS
Keratella serrulata (Ehrenberg, 1838): AFR, AUS, NEA, NEO, ORI, PAL
Anuraea serrulata Ehrenberg, 1838
 Syn.: *Anuraea falculata* Ehrenberg, 1838
Keratella shieli Koste, 1979: AUS

Keratella sinensis Segers & Wang, 1997: PAL (East Palaearctic)

Keratella slacki Bērziņš, 1963: AUS

Keratella taksinensis Chittapun, Pholpunthin & Segers, 2002: ORI

Keratella taurocephala Myers, 1938: NEA

Syn.: *Keratella cochlearis* var. *taurocephala* Myers, 1938

Keratella tecta (Gosse, 1851): AFR, AUS, NEA, NEO, ORI, PAL (Species occasionally considered an infrasubspecific variant (f. *tecta*) of *K. cochlearis*. Taxonomy of the group is unclear)

Anuraea tecta Gosse, 1851

Keratella testudo (Ehrenberg, 1832): AFR, NEA, PAL

Anuraea testudo Ehrenberg, 1832

Syn.: *Anuraea brevispina* Gosse, 1854

Keratella thomassoni Hauer, 1958: NEO

Keratella ticinensis (Callerio, 1921): NEA, PAL (doubtful AFR record)

Anuraea ticinensis Callerio, 1921

Syn.: *Anuraea aculeata* var. *ticinensis* Callerio, 1921

Keratella trapezoida Zhuge & Huang, 1998: PAL (East Palaearctic)

Keratella tropica (Apstein, 1907): AFR, AUS, NEA, NEO, ORI, PAL

Anuraea tropica Apstein, 1907

Syn.: *Keratella quadrata valga asymmetrica* Uéno, 1938

Syn.: *Anuraea valga* var. *tropica* Apstein, 1907

Keratella valdiviensis Thomasson, 1957 (*species inquirenda*. Raised to species rank by Hauer (1938), considered an infrasubspecific variant of *K. cochlearis* by Koste (1978))

Syn.: *Keratella cochlearis* f. *valdiviensis* Thomasson, 1957

Keratella valga (Ehrenberg, 1834): AFR, ANT, AUS, NEA, NEO, ORI, PAL (commonly confused with *K. tropica*)

Anuraea valga Ehrenberg, 1834

Keratella wangii Zhuge & Huang, 1997: PAL

Keratella yamana Boltovskoy & Urrejola, 1977: NEO (Tierra del Fuego)

Keratella zhugeae Segers & Rong, 1998: PAL (East Palaearctic)

Kostea De Smet, 1997

Kostea wockei (Koste, 1961): AFR, NEO, PAL

Paradicranophorus wockei Koste, 1961

Lacinularia Schweigger, 1826

Megalotrocha Bory de St. Vincent, 1826

Strophosphaera Poggenpol, 1872

Lacinularia elliptica Shephard, 1897: AFR, AUS, NEA, NEO, ORI, PAL

Syn.: *Lacinularia racemovata* Thorpe, 1893

Lacinularia elongata Shephard, 1896 (*species inquirenda*)

Lacinularia flosculosa (Müller, 1773): AUS, NEA, NEO, ORI, PAL (For a full account on the synonymy of *L. flosculosa* see Harring (1913))

Vorticella flosculosa Müller, 1773
Lacinularia ismailoviensis (Poggenpol, 1872): AUS, NEA, NEO, PAL
Strophoshaera ismailoviensis Poggenpol, 1872
Syn.: *Lacinularia natans* Western, 1891
Lacinularia megalotrocha Thorpe, 1893 (*species inquirenda*)
Lacinularia pedunculata Hudson, 1889 (*species inquirenda*)
Lacinularia reticulata Anderson & Shephard, 1892 (*species inquirenda*)
Lacinularia striolata Shephard, 1899 (*species inquirenda*)

***Lecane* Nitzsch, 1827**

Cathypna Hudson & Gosse, 1886

Diarthra Daday, 1897

Distyla auct.

Hemimonostyla Bartoš, 1959

Monostyla Ehrenberg, 1830

Lecane abanica Segers, 1994: AFR, PAL

Lecane acanthinula (Hauer, 1938): ORI (extends West to Oman)

Monostyla acanthinula Hauer, 1938

Lecane aculeata (Jakubski, 1912): AFR, AUS, NEO, ORI, PAC, PAL

Distyla aculeata Jakubski, 1912

 Syn.: *Lecane curvicerata* Yamamoto, 1951

Lecane acus (Harring, 1913): AUS, NEA, NEO, ORI, PAL (taxonomy unclear)

Monostyla acus Harring, 1913

Lecane aeganea Harring, 1914: AFR, AUS, NEA, NEO, ORI

Lecane agilis (Bryce, 1892): AFR, NEA, NEO, PAC, PAL

Distyla agilis Bryce, 1892

Lecane amazonica (Murray, 1913): NEO

Monostyla amazonica Murray, 1913

 Syn.: *Lecane murrayi* Hauer, 1965 (*non* Korde (1927))

Lecane arcuata (Bryce, 1891): AFR, AUS, NEA, NEO, ORI, PAC, PAL

Monostyla arcuata Bryce, 1891

 Syn.: *Lecane piepelsi* De Smet & Bafort, 1990

Lecane arcula Harring, 1914: AFR, AUS, NEA, NEO, ORI, PAL

 Syn.: *Lecane strandi* Bērziņš, 1943

Lecane armata Thomasson, 1971: NEO, ORI

Lecane aspasia Myers, 1917: NEA, NEO, ORI, PAL

Lecane asymmetrica (Murray, 1913): NEO (Caribbean)

Monostyla asymmetrica Murray, 1913

 Syn.: *Lecane janetzkyi* Koste, Janetzky & Vareschi, 1991

Lecane baimaii Sanoamuang & Savatenalinton, 1999: AFR, ORI

Lecane batillifer (Murray, 1913): AUS, ORI

Monostyla batillifer Murray, 1913

Lecane bidactyla (Sudzuki, 1992) (*species inquirenda*: poorly contracted and completely unrecognisable specimens)

- Monostyla bidactyla* Sudzuki, 1992
- Lecane bifastigata* Hauer, 1938: ORI, PAL
- Lecane bifurca* (Bryce, 1892): AFR, AUS, NEA, NEO, ORI, PAC, PAL
- Monostyla bifurca* Bryce, 1892
- Syn.: *Lecane bifurca entome* Bērziņš, 1982
- Syn.: *Monostyla crypta* Hauer, 1938
- Syn.: *Notommata monostylaeformis* Stenroos, 1898
- Lecane blachei* Bērziņš, 1973: ORI
- Lecane boettgeri* Koste, 1986: NEO
- Lecane boliviiana* Segers, 1994: NEO
- Lecane boorali* Koste & Shiel, 1983: AUS
- Lecane branchicola* (Piovanelli, 1903): PAL (Epizoic on gills of freshwater crabs)
- Distyla branchicola* Piovanelli, 1903
- Syn.: *Lecane piovanellii* Bartoš, 1957
- Lecane braumi* Koste, 1988: AFR, AUS, ORI
- Lecane brasiliensis* Segers, 1993: NEO
- Lecane broaensis* Segers & Dumont, 1995: NEO
- Lecane bryophila* Koniar, 1957: PAL
- Lecane bulla* (Gosse, 1851) (Morphologically variable taxon requiring further study)
- Monostyla bulla* Gosse, 1851
- Lecane bulla bulla* (Gosse, 1851): AFR, AUS, NEA, NEO, ORI, PAC, PAL
- Syn.: *Monostyla bipes* Stokes, 1896
- Syn.: *Monostyla bulla constricta* Sudzuki, 1992
- Syn.: *Monostyla bulla dentata* Sudzuki, 1992
- Syn.: *Lecane bulla diana* Abdullaev, 1989
- Syn.: *Lecane bulla kutikovae* Naberezhniyi & Irmashewa, 1975
- Syn.: *Monostyla goniata* Harring & Myers, 1926 (synonym occasionally considered an infrasubspecific variant of *L. bulla*)
- Syn.: *Monostyla ozolini* Bērziņš, 1943
- Syn.: *Lecane physalis* Wulfert, 1939 (incl. *L. styrax longistyla* (Weisig, 1928))
- Lecane bulla diabolica* (Hauer, 1936): ORI
- Monostyla bulla* f. *diabolica* Hauer, 1936
- Lecane calcaria* Harring & Myers, 1926: NEA, ORI
- Lecane candida* Harring & Myers, 1926: NEA
- Lecane clara* (Bryce, 1892): AFR, NEA, NEO, PAC, PAL
- Distyla clara* Bryce, 1892
- Syn.: *Diglena beauchampi* von Hofsten, 1923
- Syn.: *Proales longidactyla* Edmondson, 1948
- Lecane climacois* Harring & Myers, 1926: AFR, NEA
- Lecane closterocerca* (Schmarda, 1859): AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL
- Monostyla closterocerca* Schmarda, 1859
- Syn.: *Monostyla brodskii* Muraveisky, 1935
- Syn.: *Lecane closterocerca amazonica* Koste, 1978
- Syn.: *Monostyla eichsfeldica* Künne, 1926
- Syn.: *Monostyla latvica* Bērziņš, 1943
- Syn.: *Lecane wulferti* Hauer, 1956

- Lecane copeis* (Harring & Myers, 1926): NEA, NEO, PAL
Monostyla copeis Harring & Myers, 1926
 Syn.: *Lecane eupsammophila* Koste, 1992
- Lecane cornuta* (Müller, 1786): NEA, NEO, PAL (Morphologically variable taxon requiring further study)
Trichoda cornuta Müller, 1786
 Syn.: *Monostyla cornuta oidipus* Hauer, 1956
 Syn.: *Monostyla robusta* Stokes, 1896
 Syn.: *Monostyla rotunda* Fadeev, 1927
 Syn.: *Monostyla rotundata* Jakubski, 1914
- Lecane crenata* (Harring, 1913): AFR, AUS, NEA, NEO, ORI, PAL (Taxonomy unclear)
Monostyla crenata Harring, 1913
- Lecane crepida* Harring, 1914: AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Lecane crepida longidactyla* Koste, 1972
 Syn.: *Lecane neali* Wulfert, 1966
 Syn.: *Lecane vasisthi* Sharma, 1980
- Lecane curvicornis* (Murray, 1913): AFR, AUS, NEA, NEO, ORI, PAL
Cathypna curvicornis Murray, 1913
 Syn.: *Lecane acronycha* Harring & Myers, 1926
 Syn.: *Lecane bondi* Edmondson, 1934
 Syn.: *Lecane chankensis* Bogoslovsky, 1958
 Syn.: *Lecane curvilinealis* Arora, 1965
 Syn.: *Lecane longidactyla* Arora, 1965 (*non* Edmondson (1948))
 Syn.: *Lecane triloba* Yamamoto, 1951
 Syn.: *Lecane zawaiensis* Bryce, 1931
- Lecane decipiens* (Murray, 1913): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Monostyla decipiens Murray, 1913
- Lecane depressa* (Bryce, 1891): NEA, PAL
Distyla depressa Bryce, 1891
 Syn.: *Cathypna amban* Stewart, 1908
 Syn.: *Cathypna brachydactyla* Stenroos, 1898
 Syn.: *Distyla truncata* Leissling, 1914 (*non* Turner (1892))
 Syn.: *Lecane truncata* Yamamoto, 1953 (*non* Leissling (1914) *nec* Turner (1892))
 Syn.: *Lecane tudicola* Harring & Myers, 1926
- Lecane deridderae* Koste, 1972: NEO
- Lecane difficilis* Segers & Pourriot, 1997: NEA, NEO
- Lecane donneri* Chengalath & Mulamoottil, 1974: AFR, NEA, ORI
- Lecane donyanaensis* Mazuelos & Segers, 1994: PAL (Endemic to the Doñana National Park)
- Lecane doryssa* Harring, 1914: AFR, AUS, NEO, ORI, PAL
- Lecane dumonti* Segers, 1993: AFR, NEO
- Lecane dysorata* Myers, 1942: NEA (Doubtful PAL record)
 Syn.: *Lecane dysoarata* auct.
- Lecane elasma* Harring & Myers, 1926: NEA, PAL
- Lecane elegans* Harring, 1914: AFR, NEO, ORI, PAC, PAL
- Lecane elongata* Harring & Myers, 1926: NEA, PAL
 Syn.: *Lecane lebedeva* Abdullaev, 1989
- Lecane elsa* Hauer, 1931: NEA, PAL

- Lecane enowi* Segers & Mertens, 1997: AFR, ORI
Lecane ercodes Harring, 1914: AFR, NEA, NEO, ORI
Lecane eswari Dhanapathi, 1976: AFR, ORI
Lecane eutarsa Harring & Myers, 1926: NEO (Doubtful PAL record)
 Syn.: *Lecane amazoniana* Koste & Robertson, 1983
 Syn.: *Lecane amazonica* Koste & Böttger, 1992 (*non* Murray (1913))
Lecane eylesi Russell, 1953: AUS (Tasmania and New Zealand)
 Syn.: *Lecane tasmaniensis* Shiel & Koste, 1985
Lecane fadeevi (Neiswestnova-Shadina, 1935): PAL
Monostyla fadeewi Neiswestnova-Shadina, 1935
 Syn.: *Lecane fadeewi* Voigt, 1957
Lecane flabellata Edmondson, 1936: NEA
Lecane flexilis (Gosse, 1886): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Distyla flexilis Gosse, 1886
 Syn.: *Cathypna brevis* Murray, 1913
 Syn.: *Lecane glypta* Harring & Myers, 1926 (Taxonomy unclear. Synonym occasionally considered an infraspecific variant of *L. flexilis*)
 Syn.: *Distyla lipara* Gosse, 1887
Lecane formosa Harring & Myers, 1926: NEA
Lecane furcata (Murray, 1913): AUS, NEA, NEO, ORI, PAL
Monostyla furcata Murray, 1913
 Syn.: *Monostyla elachis* Harring & Myers, 1926
 Syn.: *Monostyla mologensis* Bogoslovski, 1935
 Syn.: *Monostyla ovalis* Jakubski, 1914
 Syn.: *Monostyla tethis* Harring & Myers, 1926
 Syn.: *Lecane vanoyei* De Ridder, 1960
Lecane galeata (Bryce, 1892): NEA, PAL
Monostyla galeata Bryce, 1892
 Syn.: *Lecane beningi* Tarnogradsky, 1961
 Syn.: *Monostyla parva* Daday, 1897
 Syn.: *Monostyla pygmaea* Daday, 1897
 Syn.: *Monostyla turbo* Murray, 1913
Lecane gallagherorum Segers, 1997: NEA
Lecane gilliardi Bērziņš, 1960: AFR (Madagascar)
Lecane grandis (Murray, 1913): AUS, NEA, NEO, ORI, PAL
Cathypna grandis Murray, 1913
Lecane gwileti (Tarnogradski, 1930): PAL
Monostyla gwileti Tarnogradski, 1930
 Syn.: *Monostyla kieferi* Hauer, 1931
Lecane haliclysta Harring & Myers, 1926: AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Lecane stichaeoides* Hauer, 1938
Lecane halsei Segers & Shiel, 2003: AUS
Lecane hamata (Stokes, 1896): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Monostyla hamata Stokes, 1896
 Syn.: *Lecane hamata victoriensis* Koste & Shiel, 1980
Lecane hastata (Murray, 1913): AFR, AUS, NEA, NEO, ORI, PAC, PAL

- Cathypna hastata* Murray, 1913
 Syn.: *Lecane hegurensis* Yamamoto, 1951
Lecane herzigi Koste, Shiel & Tan, 1988: AUS
Lecane hornemannii (Ehrenberg, 1834): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Euchlanis hornemannii Ehrenberg, 1834
 Syn.: *Lecane camptica* Bērziņš, 1982
 Syn.: *Lecane ceylonensis* Chengalath & Fernando, 1973
 Syn.: *Lecane lamiranoensis* Bērziņš, 1982
 Syn.: *Lecane nodosa* Hauer, 1938
Lecane imbricata Carlin, 1939: PAL
Lecane inconspicua Segers & Dumont, 1993: PAL
Lecane inermis (Bryce, 1892): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Distyla inermis Bryce, 1892
 Syn.: *Lecane amorpha* Herring, 1914
 Syn.: *Lecane supinoi* Manfredi, 1929
Lecane infula Herring & Myers, 1926: NEA, PAL
Lecane inopinata Herring & Myers, 1926: AFR, AUS, NEA, NEO, ORI, PAC, PAL
Lecane inquieta Myers, 1936: NEA (Doubtful PAL record)
Lecane intrasinuata (Olofsson, 1917): NEA, PAL
Cathypna intrasinuata Olofsson, 1917
 Syn.: *Lecane ephestra* Herring, 1921
 Syn.: *Lecane mylacrís* Herring & Myers, 1926
Lecane isanensis Sanoamuang & Savatenalinton, 2001: ORI
Lecane ivli (Wiszniewski, 1935): PAL
Monostyla ivli Wiszniewski, 1935
 Syn.: *Monostyla vargai* Török, 1935
Lecane jaintiaensis Sharma, 1987: ORI
Lecane jessupi Herring, 1921: NEA
Lecane junki Koste, 1975: ORI
Lecane kluchor Tarnogradski, 1930: PAL
 Syn.: *Lecane diadema* Hauer, 1931
Lecane kunthuleensis Chittapun, Pholpunthin & Segers, 2003: ORI
Lecane kutikowa Koste, 1972: NEO
Lecane lamellata (Daday, 1893): NEA, PAL
Monostyla lamellata Daday, 1893
 Syn.: *Monostyla appendiculata* Skorikov, 1898 (*non* Levander (1894))
Lecane lateralis Sharma, 1978: AFR, AUS, ORI
Lecane latissima Yamamoto, 1955: AUS, NEA, PAL
 Syn.: *Lecane kostei* De Ridder, 1966
 Syn.: *Cathypna rotundata* Olofsson, 1918 (*non* Jakubski (1914))
Lecane lauterborni Hauer, 1924: NEA, NEO, PAC, PAL
Lecane leontina (Turner, 1892): AFR, AUS, NEA, NEO, ORI, PAL (Morphologically variable taxon, probably concealing cryptic species)
Cathypna leontina Turner, 1892
 Syn.: *Cathypna biloba* Daday, 1905
 Syn.: *Cathypna leontina bisinuata* Daday, 1905

- Syn.: *Cathypna macrodactyla* Daday, 1898
 Syn.: *Cathypna scutaria* Stokes, 1897
 Syn.: *Lecane thomassoni* Wulfert, 1965
Lecane leura Myers, 1942: NEA
Lecane levistyla (Olofsson, 1917): NEA, PAL
Cathypna levistyla Olofsson, 1917
 Syn.: *Lecane scobis* Harring & Myers, 1926
Lecane ligona (Dunlop, 1901): NEA, NEO, ORI, PAL
Cathypna ligona Dunlop, 1901
 Syn.: *Lecane abnobensis* Hauer, 1929 (synonym occasionally considered an infrasubspecific variant of *L. ligona*)
 Syn.: *Lecane jessupi* Harring, 1921 (synonym occasionally considered an infrasubspecific variant of *L. ligona*)
Lecane ludwigii (Eckstein, 1883): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Distyla ludwigii Eckstein, 1883
 Syn.: *Cathypna appendiculata* Daday, 1901 (*non* Skorikov (1898) *nec* Levander (1894))
 Syn.: *Diplax ornata* Daday, 1897
Lecane luna (Müller, 1776): AFR, AUS, NEA, NEO, ORI, PAC, PAL (Poorly contracted specimens are sometimes erroneously identified as *L. presumpcta* Ahlstrom, 1938, and this name is accordingly listed as subspecies or infrasubspecific variant of *L. luna*. However, *L. presumpcta* is an established synonym of *L. papuana*)
Cercaria luna Müller, 1776
 Syn.: *Lecane dorsicalis* Arora, 1965
 Syn.: *Lecane jobloti* Bory de St. Vincent, 1827
 Syn.: *Lecane luna balatonica* Varga, 1945
 Syn.: *Lecane submagna* De Ridder, 1960
Lecane lunaris (Ehrenberg, 1832): AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL (Morphologically variable taxon, probably concealing cryptic species)
Monostyla lunaris Ehrenberg, 1832
 Syn.: *Monostyla constricta* Murray, 1913
 Syn.: *Lecane lunaris arthrodactyla* Bērziņš, 1982
 Syn.: *Lecane lunaris australis* Bērziņš, 1982
 Syn.: *Monostyla lunaris obserata* Steinecke, 1916
 Syn.: *Monostyla quennerstedti* Bergendal, 1892
 Syn.: *Monostyla sylvatica* Harring, 1913
 Syn.: *Monostyla virga* Harring, 1914
Lecane lungae Savatenalinton & Segers, 2005: ORI
Lecane marchantaria Koste & Robertson, 1983: NEO
Lecane margalefi De Manuel, 1994: PAL (Endemic to Mallorca (Spain))
Lecane margaretha Segers, 1991: NEA, NEO (Caribbean)
 Syn.: *Lecane deridderae* José de Paggi, 1989 (*non* Koste (1972))
Lecane marshi Harring, 1914: NEO
Lecane melini Thomasson, 1953: NEO
Lecane minuta Segers, 1994: ORI
Lecane mira (Murray, 1913): NEA, PAL
Cathypna mira Murray, 1913
 Syn.: *Lecane islandica* De Ridder, 1967
Lecane mitella (Myers, 1936): NEA

Monostyla mitella Myers, 1936

Lecane mitis Haring & Myers, 1926: NEA, NEO, ORI

Lecane monostyla (Daday, 1897): AFR, AUS, NEA, NEO, ORI, PAC, PAL (Some unverifiable records from Europe (Spain, Poland) exist; presence in Europe of this unmistakable warm-water species is likely)

Monostyla monostyla Day, 1897

Syn.: *Monostyla spinifera* Idelson, 1924

Lecane mucronata Haring & Myers, 1926: NEA

Lecane myersi Segers, 1993: AFR, NEA, NEO

Syn.: *Monostyla ornata* Haring & Myers, 1926 (*non* Daday (1897))

Lecane namatai Segers & Mertens, 1997: AFR

Lecane nana (Murray, 1913): AFR, AUS, NEA, NEO, ORI, PAL

Cathypna nana Murray, 1913

Lecane nelsoni Segers, 1994: AFR, NEO, ORI

Lecane nigeriensis Segers, 1993: AFR, ORI

Lecane niotis Haring & Myers, 1926: NEA (Doubtful PAL record)

Lecane nitida (Murray, 1913): AFR, AUS, NEO, ORI

Cathypna nitida Murray, 1913

Syn.: *Cathypna lofiana* Murray, 1913

Syn.: *Lecane tesselata* Arora, 1965

Lecane niwati Segers, Kothetip & Sanoamuang, 2004: ORI

Lecane noobijupi Segers & Shiel, 2003: AUS

Lecane nwadiarozi Segers, 1993: AFR

Lecane obtusa (Murray, 1913): AFR, AUS, NEA, NEO, ORI, PAL

Monostyla obtusa Murray, 1913

Syn.: *Monostyla vastita* Haring & Myers, 1926

Lecane ohioensis (Herrick, 1885): AFR, AUS, NEA, NEO, ORI, PAC, PAL (see *L. ludwigii*)

Distyla ohioensis Herrick, 1885

Syn.: *Cathypna appendiculata* Levander, 1894

Syn.: *Distyla ichthyura* Anderson & Shephard, 1892

Syn.: *Cathypna jorroi* Arévalo, 1918 (synonym occasionally considered an infrasubspecific variant of *L. ohioensis*)

Lecane opias (Haring & Myers, 1926): NEA, ORI, PAL

Monostyla opias Haring & Myers, 1926

Lecane ordwayi Bienert, 1986: NEA

Lecane palinacis Haring & Myers, 1926: NEA, ORI, PAC

Lecane papuana (Murray, 1913): AFR, AUS, NEA, NEO, ORI, PAC, PAL

Cathypna papuana Murray, 1913

Syn.: *Lecane kasumiensis* Sudzuki, 1998

Syn.: *Lecane presumpta* Ahlstrom, 1938

Syn.: *Lecane yamunensis* Novotná-Dvorakova, 1963

Lecane paradoxa (Steinecke, 1916): PAL

Monostyla paradoxa Steinecke, 1916

Syn.: *Lecane hoffmanni* De Ridder, 1960

Syn.: *Lecane ozensis* Yamamoto, 1953

Lecane pawlowskii Wulfert, 1966: ORI

Lecane paxiana Hauer, 1940: AFR, ORI, PAC, PAL

- Lecane pelatis* Harring & Myers, 1926: NEA
Lecane perplexa (Ahlstrom, 1938): AFR, NEA, NEO, PAC, PAL
Monostyla perplexa Ahlstrom, 1938
Lecane perpusilla (Hauer, 1929): AFR, NEA, PAC, PAL
Monostyla perpusilla Hauer, 1929
Syn.: *Lecane brevita* Myers, 1942
Lecane pertica Harring & Myers, 1926: AFR, AUS, NEA, NEO, ORI
Lecane plesia Myers, 1936: AFR, NEA, NEO, PAL
Syn.: *Lecane jana* Abdullaev, 1989
Syn.: *Proales namibiensis* Koste & Brain, 1993
Lecane pluto Segers & Mertens, 1997: AFR
Lecane pomiformis Edmondson, 1938: NEA, NEO
Syn.: *Lecane paraclosterocerca* Pennak, 1939
Lecane projecta Hauer, 1956: NEO
Lecane psammophila (Wiszniewski, 1932): PAL
Monostyla psammophila Wiszniewski, 1932
Lecane pumila (Rousselet, 1906): AFR, AUS, ORI, PAL
Notommata pumila Rousselet, 1906
Lecane punctata (Murray, 1913): AFR, NEA, NEO, ORI, PAL
Monostyla punctata Murray, 1913
Syn.: *Lecane aguessei* De Ridder, 1960
Syn.: *Monostyla harringtoni* Ahlstrom, 1934
Lecane pusilla Harring, 1914: AFR, AUS, NEO, ORI, PAL
Lecane pustulosa Myers, 1938: NEA
Lecane pycina Harring & Myers, 1926: NEA
Lecane pyriformis (Daday, 1905): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Monostyla pyriformis Daday, 1905
Lecane pyrrha Harring & Myers, 1926: NEA (Doubtful PAL record)
Lecane quadridentata (Ehrenberg, 1830): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Monostyla quadridentata Ehrenberg, 1830
Syn.: *Monostyla bicornis* Daday, 1897
Syn.: *Lecane quadridentata arthrodactyla* Bērziņš, 1982
Syn.: *Monostyla sexidentata* Van Oye, 1926
Lecane remanei Hauer, 1964: NEO
Lecane rhacois Harring & Myers, 1926: NEA
Lecane rhenana Hauer, 1929: AFR, NEA, ORI, PAL
Lecane rhopalura (Harring & Myers, 1926): NEA, NEO, PAL
Monostyla rhopalura Harring & Myers, 1926
Syn.: *Lecane aspersa* Kutikova & Arov, 1985
Syn.: *Monostyla pideis* Harring & Myers, 1926
Lecane rhytida Harring & Myers, 1926: AFR, AUS, NEA, NEO, ORI
Lecane robertsonae Segers, 1993: AUS, NEO, ORI
Syn.: *Lecane aspasia amazonica* Koste & Robertson, 1983
Lecane rudescui Hauer, 1965: NEO
Lecane rugosa (Harring, 1914): NEO (occasionally considered an infrasubspecific variant of *L. furcata*, PAL and AUS record require confirmation)

- Monostyla rugosa* Harring, 1914
Lecane ruttneri Hauer, 1938: AFR, NEO, ORI
Lecane sagula Harring & Myers, 1926: NEA, NEO (Doubtful PAL record)
Lecane satyrus Harring & Myers, 1926: NEA, PAL (Northeast North America and Southeast Palaearctic)
Lecane schraederi Wulfert, 1966: ORI
Lecane scutata (Harring & Myers, 1926): AUS, NEA, ORI, PAL (frequently confused with *L. perplexa*)
 Monostyla scutata Harring & Myers, 1926
 Syn.: *Monostyla stroesneri* Török, 1935
Lecane segersi Sanoamuang, 1996: ORI
Lecane serrata (Hauer, 1938): AFR, AUS, ORI
 Monostyla serrata Hauer, 1938
Lecane shieli Segers & Sanoamuang, 1994: ORI
Lecane signifera (Jennings, 1896)
 Distyla signifera Jennings, 1896
Lecane signifera ploenensis (Voigt, 1902): AFR, AUS, NEA, NEO, ORI, PAL
 Distyla signifera ploenensis Voigt, 1902
 Syn.: *Lecane signifera glandulosa* Sudzuki, 1991
Lecane signifera signifera (Jennings, 1896): NEA
 Distyla signifera signifera Jennings, 1896
 Syn.: *Lecane aquila* Harring & Myers, 1926
Lecane simonneae Segers, 1993: AFR, ORI
Lecane sinuata (Hauer, 1938): AUS, ORI
 Monostyla sinuate Hauer, 1938
Lecane sola Hauer, 1936: NEO, ORI
Lecane solfatara (Hauer, 1938): ORI
 Monostyla solfatara Hauer, 1938
Lecane spiniventris Segers, 1994: ORI
Lecane spinulifera Edmondson, 1935: NEA, NEO
 Syn.: *Lecane aliger* Nogrady, 1983
 Syn.: *Monostyla spinifera* Edmondson, 1934 (*non* Idelson (1924))
Lecane stenroosi (Meissner, 1908): AFR, AUS, NEA, NEO, ORI, PAL
 Monostyla stenroosi Meissner, 1908
 Syn.: *Monostyla bicornis* Stenroos, 1898 (*non* Daday (1897))
 Syn.: *Hemimonostyla stenroosi tutiurensis* Sudzuki, 1998
Lecane stephensae (Hutchinson, 1931): AFR, ORI
 Monostyla stephensae Hutchinson, 1931
Lecane stichaea Harring, 1913: AFR, AUS, NEA, NEO, ORI, PAC, PAL
 Syn.: *Lecane methoria* Harring & Myers, 1926
 Syn.: *Lecane saginata* Harring & Myers, 1926
Lecane stichoclysta Segers, 1993: AFR, ORI
Lecane stokesii (Pell, 1890): NEA, PAL
 Cathypna stokesii Pell, 1890
Lecane styrax (Harring & Myers, 1926): NEA, NEO
 Monostyla styrax Harring & Myers, 1926
Lecane subtilis Harring & Myers, 1926: AFR, NEA, NEO, PAL
 Syn.: *Lecane apatinensis* Zivkovic, 1987

- Syn.: *Lecane murrayi* Korde, 1927
Lecane subulata (Harring & Myers, 1926): AFR, NEA, NEO, PAC, PAL
Monostyla subulata Harring & Myers, 1926
Syn.: *Lecane rylovi* Tarnogradski, 1961
Lecane superaculeata Sanoamuang & Segers, 1997: ORI
Lecane sverigis Ahlstrom, 1934: NEA
Lecane sylviae Segers, 1993: AFR
Lecane symoensi De Ridder, 1981: AFR
Lecane sympoda Hauer, 1929: AFR, PAL
Lecane syngenes (Hauer, 1938): AFR, AUS, NEO, ORI
Monostyla syngenes Hauer, 1938
Lecane tabida Harring & Myers, 1926: AFR, NEA, ORI
Lecane tabulifera Edmondson, 1936: NEA
Lecane tanganyikae Segers & Baribwegure, 1996: AFR
Lecane tenua Myers, 1936: NEA
Lecane tenuiseta Harring, 1914: AFR, AUS, NEA, NEO, ORI, PAL
Syn.: *Lecane punctata* Carlin-Nilson, 1934 (*non* Murray (1913). Occasionally listed as an infrasubspecific variant of the nominal taxon, as var. *punctata* Carlin-Nilsson, 1934)
Lecane thailandensis Segers & Sanoamuang, 1994: ORI
Lecane thalera (Harring & Myers, 1926): AUS, NEA, NEO, ORI, PAL (Taxonomic separation with *L. lamellata* unclear; possible hybrids reported)
Monostyla thalera Harring & Myers, 1926
Syn.: *Monostyla conspicua* Hauer, 1936
Syn.: *Lecane paradeciopiens* Nayar, 1968
Lecane thienemanni (Hauer, 1938): AFR, AUS, NEO, ORI
Monostyla thienemanni Hauer, 1938
Lecane tryphema Harring & Myers, 1926: NEA, PAL
Lecane uenoi Yamamoto, 1951: NEO, ORI, PAL
Lecane undulata Hauer, 1938: AFR, AUS, NEA, NEO, ORI, PAL
Lecane unguitata (Fadeev, 1925): AFR, AUS, ORI, PAL
Monostyla unguitata Fadeev, 1925
Syn.: *Lecane unguitata africana* Koste, 1979
Lecane ungulata (Gosse, 1887): AFR, AUS, NEA, NEO, ORI, PAL
Cathypna ungulata Gosse, 1887
Syn.: *Lecane donneriana* Dhanapathi, 1976
Syn.: *Lecane fracida* Bērziņš, 1982
Syn.: *Cathypna magna* Lucks, 1898 (*non* Stenoos (1898))
Syn.: *Cathypna magna* Stenoos, 1898
Syn.: *Cathypna magna tenuior* Stenoos, 1898
Syn.: *Lecane ungulata australiensis* Koste & Shiel, 1990
Lecane urna Nogrady, 1962: PAL
Lecane venusta Harring & Myers, 1926: NEA, PAL
Lecane verecunda Harring & Myers, 1926: NEA (Doubtful PAL record)
Lecane whitfordi (Ahlstrom, 1938): NEA, NEO
Monostyla whitfordi Ahlstrom, 1938

Lepadella Bory de St. Vincent, 1826

subgenus *Heterolepadella* Bartoš, 1955

Lepadella (Heterolepadella) apsicora Myers, 1934: AFR, AUS, NEA, NEO, ORI

Lepadella (Heterolepadella) cyrtopus Harring, 1914: AFR, NEA, NEO, ORI, PAL

Lepadella (Heterolepadella) ehrenbergii (Perty, 1850): AFR, AUS, NEA, NEO, ORI, PAL

Notogonia ehrenbergii Perty, 1850

Syn.: *Metopidia albuferensis* Arévalo, 1918

Lepadella (Heterolepadella) heterodactyla Fadeew, 1925: AFR, AUS, NEO, ORI, PAL

Syn.: *Lepadella nympha* Donner, 1943

Lepadella (Heterolepadella) heterostyla (Murray, 1913): AFR, AUS, NEA, NEO, ORI, PAL

Metopidia heterostyla Murray, 1914

subgenus *Lepadella* Bory de St. Vincent, 1826

Lepadella (Lepadella) abbei Wulfert, 1956: PAL

Lepadella (Lepadella) akrobeles Myers, 1934: AUS, NEA, ORI

Lepadella (Lepadella) acuminata (Ehrenberg, 1834): AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL
(incl. the infrasubspecific variant *sexcostata* Bartoš, 1965)

Metopidia acuminata Ehrenberg, 1834

Syn.: *Lepadella chorea* Bērziņš, 1982

Syn.: *Lepadella sexcostata* Bartoš, 1955

Lepadella (Lepadella) adjuncta Donner, 1943: PAL

Lepadella (Lepadella) amazonica Segers, 1993: NEO

Lepadella (Lepadella) amphitropis Harring, 1916

Lepadella (L.) amphitropis amphitropis Harring, 1916: AFR, AUS, NEA, NEO, PAL

Lepadella (L.) amphitropis victoriensis Bērziņš, 1982: AUS

Lepadella (Lepadella) angusta Bērziņš, 1961: AUS

Lepadella (Lepadella) apsida Harring, 1916: AFR, AUS, NEA, NEO, ORI, PAL

Lepadella (Lepadella) benjamini Harring, 1916: AFR, AUS, NEA, NEO, ORI, PAL

Lepadella (Lepadella) berzinsi Segers, 1993: AFR

Syn.: *Lepadella quinquecostata* f. *gambiensis* Bērziņš, 1957

Lepadella (Lepadella) beyensi De Smet, 1994: NEA

Lepadella (Lepadella) bicornis Vasisht & Battish, 1971: NEO, ORI

Lepadella (Lepadella) bidentata Voronkov, 1913: PAL

Lepadella (Lepadella) biloba Hauer, 1958: AFR, AUS, NEO, PAL

Lepadella (Lepadella) canadensis Myers, 1936: NEA

Lepadella (Lepadella) chengalathi Koste & Shiel, 1980: AUS

Lepadella (Lepadella) cornuta Koste & Shiel, 1989: AUS

Syn.: *Lepadella latusinus* f. *mucronata* Koste, 1981

Lepadella (Lepadella) costata Wulfert, 1940: PAL

Lepadella (Lepadella) costatoides Segers, 1992: AFR, AUS, NEA, NEO, ORI, PAL

Syn.: *Lepadella latusinus striata* Koste, 1992

Lepadella (Lepadella) cristata (Rousselet, 1893): AFR, NEA, NEO, ORI, PAL

Colurus cristatus Rousselet, 1893

- Syn.: *Lepadella cristata galerita* Bērziņš, 1982
 Syn.: *Metopidia mucronata* Daday, 1908
 Syn.: *Metopidia semicarinata* Lucks, 1909
Lepadella (Lepadella) cryphaea Harring, 1916: NEA, NEO, PAL
Lepadella (Lepadella) dactyliseta (Stenoos, 1898): AFR, AUS, NEA, NEO, ORI, PAL
Metopidia dactyliseta Stenoos, 1898
 Syn.: *Lepadella voigti* Hauer, 1931
Lepadella (Lepadella) decora Bērziņš, 1982: AUS
Lepadella (Lepadella) degreeffi De Smet, 1989: NEA, PAC
Lepadella (Lepadella) deridderae Segers, De Smet & Bonte, 1996
Lepadella (L.) deridderae alaskae Segers, De Smet & Bonte, 1996: NEA
Lepadella (L.) deridderae deridderae Segers, De Smet & Bonte, 1996: PAL
Lepadella (Lepadella) desmeti Segers & Chittapun, 2001: NEO, ORI, PAC
Lepadella (Lepadella) discoidea Segers, 1993: AFR, AUS, ORI
Lepadella (Lepadella) donneri Koste, 1972: NEO
Lepadella (Lepadella) dorsalis Rodewald, 1937: PAL
Lepadella (Lepadella) duvigneaudi De Ridder, 1969: PAL
Lepadella (Lepadella) elliptica Wulfert, 1939: ANT, AUS, NEO, ORI, PAL
Lepadella (Lepadella) elongata Koste, 1992: NEO, ORI, PAC
Lepadella (Lepadella) eurysterna Myers, 1942: AFR, NEA, ORI, PAL
 Syn.: *Lepadella arabica* Segers & Dumont, 1993
Lepadella (Lepadella) evaginata Rodewald, 1935: PAL
Lepadella (Lepadella) favorita Klement, 1962: PAL
Lepadella (Lepadella) gelida Bērziņš, 1976: PAL
Lepadella (Lepadella) glossa Wulfert, 1960: PAL
Lepadella (Lepadella) hyalina Smirnov, 1927: PAL
Lepadella (Lepadella) imbricata Harring, 1914: AFR, NEA, NEO, ORI, PAL
Lepadella (Lepadella) intermedia Dartnall & Hollowday, 1985: ANT
Lepadella (Lepadella) koniari Bartoš, 1955: PAL
 Syn.: *Lepadella avernae* Francez & Pourriot, 1984
Lepadella (Lepadella) kostei Wulfert, 1966: ORI
Lepadella (Lepadella) latusinus (Hilgendorf, 1899): AFR, AUS, NEA, NEO, ORI, PAL
Metopidia latusinus Hilgendorf, 1899
Lepadella (Lepadella) lindaui Koste, 1981: AFR, AUS, NEO, ORI
Lepadella (Lepadella) longiseta Myers, 1934: NEA
Lepadella (Lepadella) margalefi De Ridder, 1964: PAL
Lepadella (Lepadella) mascarensis Bērziņš, 1982: AFR
Lepadella (Lepadella) mataca José de Paggi, 2001: NEO
Lepadella (Lepadella) mica Zivkovic, 1987: PAL
Lepadella (Lepadella) minorui Koste, 1981: AUS
Lepadella (Lepadella) minoruoides Koste & Robertson, 1983: AFR, NEO, ORI
Lepadella (Lepadella) minuscula Bartoš, 1955: PAL
Lepadella (Lepadella) minuta (Weber & Montet, 1918): AFR, NEO, ORI, PAC, PAL
Metopidia minuta Weber & Montet, 1918
 Syn.: *Metopidia parvula* Montet, 1915 (*non* Bryce (1893))

- Lepadella* (*Lepadella*) *monodi* Bērziņš, 1959: AFR
Lepadella (*Lepadella*) *myersi* Edmondson, 1934: NEO
Lepadella (*Lepadella*) *nartiangensis* Sharma & Sharma, 1987: ORI
Lepadella (*Lepadella*) *neboissi* Bērziņš, 1960: AUS
Lepadella (*Lepadella*) *neglecta* Segers & Dumont, 1995: NEO
Lepadella (*Lepadella*) *nympha* Donner, 1943: PAL
Lepadella (*Lepadella*) *obtusa* Wang, 1961: PAL
Lepadella (*Lepadella*) *ovalis* (Müller, 1786): AFR, AUS, NEA, NEO, ORI, PAC, PAL
 Brachionus ovalis Müller, 1786
 Syn.: *Metopidia affinis* Bergental, 1892
 Syn.: *Metopidia lepadella* Ehrenberg, 1832
 Syn.: *Mytilina lepidura* Bory de St. Vincent, 1826
 Syn.: *Lepadella rotundata* Dujardin, 1841
 Syn.: *Metopidia solidus* Gosse, 1851
 Syn.: *Lepadella velazmedrani* Pardo, 1934
Lepadella (*Lepadella*) *paparoa* Bērziņš, 1982: AUS
Lepadella (*Lepadella*) *parvula* (Bryce, 1893): PAL
 Metopidia parvula Bryce, 1893
Lepadella (*Lepadella*) *patella* (Müller, 1773) (The taxonomy and nomenclature of the variable *L. patella* are particularly confused. Only the most common, probable synonyms are listed.)
 Brachionus patella Müller, 1773
Lepadella (*L.*) *patella matudai* Sudzuki, 1964 (*species inquirenda*)
Lepadella (*L.*) *patella oblonga* (Ehrenberg, 1834): AFR, ANT, AUS, NEA, NEO, ORI, PAL
 Squamella oblonga Ehrenberg, 1834
 Syn.: *Lepadella minor* Koch-Althaus, 1963
Lepadella (*L.*) *patella patella* (Müller, 1786): AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL
 Syn.: *Squamella bractea* Ehrenberg, 1838
 Syn.: *Lepadella mariae* Rodewald, 1935
 Syn.: *Lepadella parvula* De Graaf, 1956 (*non* Bryce (1893))
 Syn.: *Lepadella rotundata* Dujardin, 1841
Lepadella (*L.*) *patella persimilis* De Ridder, 1961: AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Lepadella buangensis* Bērziņš, 1982
 Syn.: *Metopidia similis* Lucks, 1912 (*non* Stokes (1896))
Lepadella (*Lepadella*) *pejleri* Eriksen, 1969: PAL
Lepadella (*Lepadella*) *pontica* Althaus, 1957 (marine)
Lepadella (*Lepadella*) *principis* Bērziņš, 1943: PAL
Lepadella (*Lepadella*) *psammophila* Tzschaschel, 1979 (marine)
Lepadella (*Lepadella*) *pseudosimilis* Koch-Althaus, 1963: PAL
Lepadella (*Lepadella*) *pterygoida* (Dunlop, 1897): NEA, ORI, PAL
 Metopidia pterygoidea Dunlop, 1897
Lepadella (*Lepadella*) *ptilotia* Bērziņš, 1960: AUS
Lepadella (*Lepadella*) *pumilo* Hauer, 1931: AFR, PAL
Lepadella (*Lepadella*) *punctata* Wulfert, 1939: ORI, PAL
Lepadella (*Lepadella*) *pyriformis* Myers, 1938: NEA
Lepadella (*Lepadella*) *quadricarinata* (Stenoos, 1898): AFR, AUS, NEA, NEO, ORI, PAL (incl. the

infrasubspecific variants *octocarinata* Wulfert, 1939, *sexcarinata* Klement, 1959, *procera* Klement, 1959)

Metopidia quadricarinata Stenoros, 1898

Lepadella (Lepadella) quadricurvata Francez & Pourriot, 1984: PAL

Lepadella (Lepadella) quinquecostata (Lucks, 1912)

Metopidia quinquecostata Lucks, 1912

Lepadella (L.) quinquecostata nevadensis Morales-Baquero, 1987: PAL

Lepadella (L.) quinquecostata quinquecostata (Lucks, 1912): AFR, AUS, NEA, NEO, ORI, PAC, PAL

Syn.: *Lepadella christineae* Koste, 1990 (synonym considered an infrasubspecific variant) *Lepadella (Lepadella) rhodesiana* Wulfert, 1965: AFR

Lepadella (Lepadella) rhomboides (Gosse, 1886)

Metopidia rhomboides Gosse, 1886

Lepadella (L.) rhomboides leentvaari Bērziņš, 1979: NEO

Lepadella (L.) rhomboides rhomboides (Gosse, 1886): AFR, AUS, NEA, NEO, ORI, PAC, PAL

Syn.: *Lepadella rhomboides carinata* Donner, 1943

Syn.: *Lepadella rhomboides haueri* Wulfert, 1956

Syn.: *Lepadella rhomboides lata* Wulfert, 1956

Lepadella (L.) rhomboides signiensis Dartnall & Hollowday, 1985: ANT

Lepadella (Lepadella) rhomboidula (Bryce, 1890): AFR, AUS, ORI, PAL

Metopidia rhomboidula Bryce, 1890

Lepadella (Lepadella) riedeli De Ridder, 1966: NEA, NEO

Lepadella (Lepadella) rottenburgi (Lucks, 1912): AUS, NEO, PAL

Metopidia rottenburgi Lucks, 1912

Lepadella (Lepadella) sali Bērziņš, 1976: PAL

Lepadella (Lepadella) salisburyi Ahlstrom, 1934: NEO

Lepadella (Lepadella) serrata Yamamoto, 1951: PAL

Lepadella (Lepadella) strepta Bērziņš, 1984: NEA

Lepadella (Lepadella) tana Koste & Shiel, 1986: AUS

Lepadella (Lepadella) tenella Wulfert, 1942: PAL

Lepadella (Lepadella) triba Myers, 1934: AFR, AUS, NEA, NEO, ORI, PAC, PAL

Lepadella (Lepadella) tricostata Koste, 1990: NEO

Lepadella (Lepadella) triprojectus Sharma, 1978: ORI

Lepadella (Lepadella) triptera (Ehrenberg, 1832): AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL

(synonyms are considered infrasubspecific variants of *L. triptera* by Koste (1978))

Metopidia triptera Ehrenberg, 1832

Syn.: *Lepadella alata* Myers, 1934

Syn.: *Lepadella alona* Wulfert, 1956

Syn.: *Lepadella clydona* Bērziņš, 1949

Syn.: *Lepadella crestata* Vasisht & Battish, 1971

Syn.: *Lepadella deconincki* De Ridder, 1966

Lepadella (Lepadella) tyleri Koste & Shiel, 1987: AUS

Lepadella (Lepadella) vandenbrandei Gillard, 1952: AFR, AUS, ORI

Syn.: *Lepadella williamsi* Koste & Shiel, 1980

Lepadella (Lepadella) vanoyei De Ridder, 1961: PAL

Lepadella (Lepadella) venefica Myers, 1934: NEA, NEO

Syn.: *Lepadella exigua* De Graaf, 1956: NEA (nom. nov. for *L. minuta* Myers non Weber & Montet (1915))

- Syn.: *Lepadella minuta* Myers, 1942 (*non* Montet (1915))
 Syn.: *Lepadella myersiana* Voigt, 1957 (*nom. nov.* for *L. minuta* Myers *non* Weber & Montet (1915))
Lepadella (Lepadella) visenda Myers, 1934: NEA, NEO
Lepadella (Lepadella) vitrea (Shephard, 1911): AUS
 Metopidia vitrea Shephard, 1911
Lepadella (Lepadella) whitfordi Ahlstrom, 1938: NEA, NEO
Lepadella (Lepadella) wrighti Koste, 1972: NEO
Lepadella (Lepadella) xenica Myers, 1934: NEA, NEO
Lepadella (Lepadella) zigzag Segers, 2007
 Syn.: *Lepadella bractea* Myers, 1934 (*non* Ehrenberg (1838))

subgenus *Xenolepadella* Hauer, 1926

- Lepadella (Xenolepadella) astacicola* Hauer, 1926: NEO, PAL
Lepadella (Xenolepadella) borealis Harring, 1916: AFR, NEA, ORI, PAL
Lepadella (Xenolepadella) branchicola Hauer, 1926: NEO, PAL
Lepadella (Xenolepadella) curvicaudata Turner, 1990: NEO
Lepadella (Xenolepadella) haueri Rodewald, 1935: PAL
Lepadella (Xenolepadella) lata Wiszniewski, 1939: AFR, ORI, PAL (incl. the infrasubspecific variant *singuata* Wiszniewski, 1939)
 Syn.: *Lepadella raja* Wiszniewski, 1939 (synonym considered an infrasubspecific variant)
Lepadella (Xenolepadella) monodactyla Bērziņš, 1960
Lepadella monodactyla braziliensis Koste, 1972: NEO
Lepadella monodactyla monodactyla Bērziņš, 1960: AFR, AUS, NEA, NEO, ORI
 Syn.: *Lepadella monostyla cicatrix* Bērziņš, 1984
Lepadella (Xenolepadella) parasitica Hauer, 1926: PAL
Lepadella (Xenolepadella) pseudoacuminata Sudzuki, 1998 (*species inquirenda*)

***Limnias* Schrank, 1803**

- Cephalosiphon* Ehrenberg, 1853
Limnioides Tatem, 1868

- Limnias ceratophylli* Schrank, 1803: AFR, AUS, NEA, NEO, ORI, PAC, PAL
 Syn.: *Melicerta biloba* Ehrenberg, 1832
 Syn.: *Rotifer confervicola* Dutrochet, 1812
 Syn.: *Limnias socialis* Leidy, 1874 (synonym occasionally considered an infrasubspecific variant of *L. ceratophylli*)
 Syn.: *Limnias sphagnicola* Zacharias, 1886 (synonym occasionally considered an infrasubspecific variant of *L. ceratophylli*)
Limnias cornuella Rousselet, 1889 (*species inquirenda*)
Limnias melicerta Weisse, 1848: AFR, AUS, NEA, NEO, ORI, PAC, PAL
 Syn.: *Limnias annulatus* Bailey, 1855
 Syn.: *Limnias corniculata* Ehrenberg, 1853
 Syn.: *Melicerta cubitti* Cubitt, 1871
 Syn.: *Limnias doliolum* Schoch, 1868

Syn.: *Limnias granulosus* Weber, 1888
Syn.: *Cephalosiphon limnias* Ehrenberg, 1853
Limnias myriophylli (Tatem, 1868): AFR, PAL
 Limnioides myriophylli Tatem, 1868
Limnias nymphaea Stenroos, 1898: PAL (occasionally considered a subspecies of *L. melicerta*)
Limnias shiawasseensis Kellicott, 1888: NEA (occasionally considered a subspecies of *L. melicerta*)

***Lindia* Dujardin, 1841**

subgenus *Halolindia* Remane, 1933

Lindia (Halolindia) elsaæ De Smet, 2006 (marine)
Lindia (Halolindia) gravitata (Lie-Pettersen, 1905) (marine)
 Notommata gravitata Lie-Pettersen, 1905
Lindia (Halolindia) tecusa Herring & Myers, 1922 (marine)
Syn.: *Lindia brodskayae* Bogoslovski, 1950

subgenus *Lindia* Dujardin, 1841

Lindia (Lindia) annecta Herring & Myers, 1922: AUS, NEA, PAL
Lindia (Lindia) caerulea Myers, 1933: NEA
Lindia (Lindia) candida Herring & Myers, 1922: NEA, ORI, PAL
Lindia (Lindia) ecela Myers, 1933: AUS, NEA
Lindia (Lindia) euchromatica Edmondson, 1938: AUS, NEA, PAL
 Syn.: *Lindia europaea* Koch-Althaus, 1962
Lindia (Lindia) fulva Herring & Myers, 1922: NEA, NEO
Lindia (Lindia) gracilis Myers, 1938: NEA
Lindia (Lindia) janickii Wiszniewski, 1934: AFR, ORI, PAL
Lindia (Lindia) pallida Herring & Myers, 1922: AUS, NEA, NEO, PAC, PAL
Lindia (Lindia) producta Herring & Myers, 1922: NEA
Lindia (Lindia) torulosa Dujardin, 1841: AFR, ANT, AUS, NEA, NEO, ORI, PAL
 Syn.: *Notommata roseola* Perty, 1850
 Syn.: *Notommata tardigrada* Leydig, 1854
Lindia (Lindia) truncata (Jennings, 1894): AUS, NEA, NEO, PAC, PAL
 Notommata truncata Jennings, 1894

subgenus *Neolindia* Segers, 2002

Lindia (Neolindia) deridderae Koste, 1979: AUS

***Lophocharis* Ehrenberg, 1838**

Oxysterna Iroso, 1910
Lophocharis ambidentata De Ridder, 1960: PAL
Lophocharis curvata Bērziņš, 1982: AUS
Lophocharis hutchinsoni Edmondson, 1935: NEA
Lophocharis kutikovae Mirabdullaev, 1992: PAL

- Lophocharis naias* Wulfert, 1942: AUS, NEO, ORI, PAL
 Syn.: *Lophocharis gracilis* Dvorakova, 1960
Lophocharis oxysternon (Gosse, 1851): AFR, ANT, AUS, NEA, NEO, ORI, PAL
Metopidia oxysternon Gosse, 1851
Lophocharis parva Rudescu, 1960: PAL
Lophocharis rubens Wulfert, 1939: PAL
Lophocharis salpina (Ehrenberg, 1834): AFR, AUS, NEA, NEO, ORI, PAL
Lepadella salpina Ehrenberg, 1834
 Syn.: *Lophocharis lepadelloides* Rodewald, 1935
 Syn.: *Lophocharis parvidentata* Hauer, 1937
Lophocharis turanica Mirabdullaev, 1992: PAL
Lophocharis tutiurensis Sudzuki, 1998 (*species inquirenda*)

***Macrochaetus* Perty, 1850**

- Macrochaetus altamirai* (Arévalo, 1918): AFR, AUS, NEO, PAL
Polychaetus altamirai Arévalo, 1918
 Syn.: *Macrochaetus altamirai braziliensis* Koste, 1972 (considered an infrasubspecific variant by Koste (1978))
 Syn.: *Macrochaetus altamirai intermedius* Rodewald, 1924 (considered an infrasubspecific variant by Koste (1978))
 Syn.: *Macrochaetus australiensis* Bērziņš, 1982
 Syn.: *Macrochaetus esthonicus* Riikoja, 1925
Macrochaetus americanus Segers & Sarma, 1993: NEO
Macrochaetus aspera Bērziņš, 1982 (*species inquirenda*)
Macrochaetus aspinus Segers & Sarma, 1993: NEO
Macrochaetus collinsii (Gosse, 1867): AFR, AUS, NEA, NEO, ORI, PAL
Dinocharis collinsii Gosse, 1867
Macrochaetus collinsii collinsii (Gosse, 1867)
 Syn.: *Macrochaetus braziliensis* Ahlstrom, 1938 (synonym considered an infrasubspecific variant)
 Syn.: *Polychaetus spinulosus* Archer, 1868
Macrochaetus collinsii guangdongensis Wu, 1981 (*species inquirenda*)
Macrochaetus danneeli Koste & Shiel, 1983: AUS, ORI
Macrochaetus dispar Bērziņš, 1982 (*species inquirenda*)
Macrochaetus hauerianus Wulfert, 1964: ORI
Macrochaetus kostei José de Paggi, Branco & Kozlowsky-Suzuki, 2000: NEO
Macrochaetus longipes Myers, 1934: AFR, NEA, NEO, ORI, PAL
 Syn.: *Macrochaetus hauerianus singapurensis* Sudzuki, 1989
Macrochaetus longisetus Sudzuki, 1991 (*species inquirenda*)
Macrochaetus multispinosus Myers, 1934: AFR, NEO
Macrochaetus paggiensae Koste, 2000: NEO
Macrochaetus philopax Wulfert, 1961: PAL
Macrochaetus sericus (Thorpe, 1893): AFR, NEA, NEO, ORI, PAL
Dinocharis sericus Thorpe, 1893
 Syn.: *Macrochaetus sericus coniunctius* Sudzuki, 1991
 Syn.: *Macrochaetus sericus vanmeeli* Gillard, 1957

Macrochaetus subquadratus (Perty, 1850): AFR, AUS, NEA, NEO, ORI, PAL

Polychaetus subquadratus Perty, 1850

Syn.: *Dinocharis rossicus* Michailoff, 1900

Syn.: *Macrochaetus subquadratus hofsteni* Voigt, 1957

***Macrotrachela* Milne, 1886**

Macrotrachela aculeata Milne, 1886: AFR, AUS, NEA, NEO, PAL

Macrotrachela allani (Murray, 1911): AFR

Callidina allani Murray, 1911

Macrotrachela ambigua Donner, 1965: PAL

Macrotrachela angusta (Bryce, 1894): AUS, PAL

Callidina angusta Bryce, 1894

Macrotrachela armillata (Murray, 1911): AUS

Callidina armillata Murray, 1911

Macrotrachela asperula (Murray, 1911): NEA, PAL

Callidina asperula Murray, 1911

Macrotrachela bilfingeri (Bryce, 1913): AFR, PAL

Callidina bilfingeri Bryce, 1913

Syn.: *Mniobia quinquetuberculata* Bartoš, 1938

Macrotrachela brachysoma Schulte, 1954: PAL

Macrotrachela brevilabris De Koning, 1947

Macrotrachela brevilabris aliena Donner, 1964: AUS, PAL

Macrotrachela brevilabris brevilabris De Koning, 1947: AUS, PAL

Macrotrachela bullata (Murray, 1906): AFR, ORI, PAL

Callidina bullata Murray, 1906

Macrotrachela canadensis (Murray, 1911): NEA

Callidina canadensis Murray, 1911

Macrotrachela cancrophila (Piovanelli, 1903): PAL

Callidina cancrophila Piovanelli, 1903

Macrotrachela compacta De Koning, 1947: PAL

Macrotrachela concinna (Bryce, 1912): ANT, AUS, NEO, PAL

Callidina concinna Bryce, 1912

Macrotrachela crucicornis (Murray, 1905): NEA, PAL

Callidina crucicornis Murray, 1905

Macrotrachela cuthberti Milne, 1916: AFR

Macrotrachela decora (Bryce, 1912): AUS, NEA, PAL

Callidina decora Bryce, 1912

Macrotrachela ehrenbergii (Janson, 1893): AFR, AUS, NEA, NEO, ORI, PAC, PAL

Callidina ehrenbergii Janson, 1893

Macrotrachela extensa Haigh, 1965: AUS

Macrotrachela faveolata Milne, 1916: AFR

Macrotrachela festinans Donner, 1949: AUS, PAL

Macrotrachela formosa (Murray, 1906): AFR, AUS, NEO, ORI, PAL

Callidina formosa Murray, 1906

Macrotrachela fungicola Garner, 1937: PAL

- Macrotrachela gracillima* Donner, 1965: PAL
Macrotrachela gunningi (Murray, 1911): AFR, AUS
 Callidina gunningi Murray, 1911
Macrotrachela habita (Bryce, 1894): AFR, ANT, AUS, NEA, NEO, ORI, PAL
 Callidina habita Bryce, 1894
 Syn.: *Mniobia bulbifera* Bartoš, 1939
 Syn.: *Mniobia gibbosa* Bartoš, 1938
Macrotrachela herzigana Koste, 1996
Macrotrachela hewitti (Murray, 1911): AFR, PAL
 Callidina hewitti Murray, 1911
Macrotrachela induta Donner, 1951: PAL
Macrotrachela inermis Donner, 1965: PAL
Macrotrachela insolita De Koning, 1947: ANT, AUS, NEA, NEO, PAL
Macrotrachela insulana Donner, 1962: NEO, PAL
Macrotrachela intermedia Schulte, 1954: PAL
Macrotrachela kallosoma (Schulte, 1954): ANT, AUS, NEO, PAL
 Mniobia kallosoma Schulte, 1954
Macrotrachela labiata Donner, 1951: PAL
Macrotrachela lata De Koning, 1947: PAL
Macrotrachela latior Donner, 1951: PAL
Macrotrachela lepida (Murray, 1911): AUS
 Callidina lepida Murray, 1911
Macrotrachela libera Donner, 1949
Macrotrachela libera alveolata Koniar, 1955: PAL
Macrotrachela libera libera Donner, 1949: PAL
Macrotrachela ligulata Haigh, 1965: AUS
Macrotrachela ligulifera Bartoš, 1947: PAL
Macrotrachela longistyla (Murray, 1911): AUS
 Callidina longistyla Murray, 1911
Macrotrachela macmilliani Milne, 1916: AFR
Macrotrachela magna Schulte, 1954: PAL
Macrotrachela mariae Bartoš, 1938: PAL
Macrotrachela microcornis (Murray, 1911): AUS
 Callidina microcornis Murray, 1911
Macrotrachela minuta Schulte, 1954
Macrotrachela minuta minuta Schulte, 1954: PAL
Macrotrachela minuta novella Donner, 1962: PAL
Macrotrachela multispinosa Thompson, 1892
Macrotrachela multispinosa brevispinosa (Murray, 1908): AFR, AUS, NEO, ORI, PAL
 Callidina multispinosa brevispinosa Murray, 1908
 Syn.: *Macrotrachela tithanyca* Varga, 1948
Macrotrachela multispinosa crassispinosa (Murray, 1907): AUS, NEO, PAL
 Callidina multispinosa crassispinosa Murray, 1907
Macrotrachela multispinosa multispinosa Thompson, 1892: AFR, AUS, NEA, NEO, ORI, PAL
Macrotrachela muricata (Murray, 1905): PAL
 Callidina muricata Murray, 1905

- Macrotrachela murrayi* Bērziņš, 1950: PAL
Macrotrachela musculosa (Milne, 1886): AFR, ANT, AUS, NEA, ORI, PAL
Callidina musculosa Milne, 1886
Macrotrachela nana (Bryce, 1912)
Callidina nana Bryce, 1912
Macrotrachela nana laticalcar De Koning, 1947: PAL
Macrotrachela nana laticeps De Koning, 1947: PAL
Macrotrachela nana ligulata Schulte, 1954: PAL
Macrotrachela nana nana (Bryce, 1912): AFR, AUS, NEA, NEO, PAL
Macrotrachela natans (Murray, 1906): NEA, PAL
Callidina natans Murray, 1906
Macrotrachela nixa Donner, 1962: ANT, AUS, NEO, PAL
Macrotrachela oblita Donner, 1949: PAL
Macrotrachela obtusa Haigh, 1966: AUS
Macrotrachela ornata Donner, 1949: PAL
Macrotrachela pacifica (Murray, 1911): PAC
Callidina pacifica Murray, 1911
Macrotrachela papillosa Thompson, 1892: AFR, AUS, NEA, NEO, ORI, PAL
Macrotrachela petulans Milne, 1916: AFR, PAL
Macrotrachela pilousi Bartoš, 1948: PAL
Macrotrachela pinnigera (Murray, 1908): AFR, ORI
Callidina pinnigera Murray, 1908
Macrotrachela plicata (Bryce, 1892)
Callidina plicata Bryce, 1892
Macrotrachela plicata hirundinella (Murray, 1905): AFR, AUS, NEA, NEO, PAL
Callidina plicata hirundinella Murray, 1905
Macrotrachela plicata plicata (Bryce, 1892): AFR, AUS, NEA, PAL
Macrotrachela plicatula (Murray, 1911): AFR
Callidina plicatula Murray, 1911
Macrotrachela punctata (Murray, 1911): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Callidina punctata Murray, 1911
Macrotrachela quadricornifera Milne, 1886
Macrotrachela quadricornifera ligulata Bērziņš, 1950: PAL
Macrotrachela quadricornifera loricata Donner, 1965: AFR, AUS, NEA, NEO, PAL
Macrotrachela quadricornifera quadricornifera Milne, 1886: AFR, ANT, NEO, ORI, PAL
 Syn.: *Macrotrachela serrulata* Rodewald, 1935
Macrotrachela quadricornifera quadricorniferoides De Koning, 1929: AUS, PAL
Macrotrachela quadricornifera rigida Milne, 1916: AFR, AUS, NEO, PAL
Macrotrachela quadricornifera scutellata Schulte, 1954: AUS, PAL
Macrotrachela rostrata Donner, 1965: PAL
Macrotrachela samali Bartoš, 1948: PAL
Macrotrachela serrulata (Murray, 1911): AUS
Callidina serrulata Murray, 1911
Macrotrachela smithi Milne, 1916: AFR, AUS
Macrotrachela sonorensis Örstan, 1995 (*species inquirenda*)
Macrotrachela speciosa (Murray, 1907): AUS, NEA, NEO, PAL

Callidina speciosa Murray, 1907
Macrotrachela tenuis Donner, 1965: PAL
Macrotrachela timida Milne, 1916
Macrotrachela timida inquies Milne, 1916: AFR, NEO, PAL
Macrotrachela timida timida Milne, 1916: AFR, AUS, PAL
Macrotrachela tuberilabris De Koning, 1947: AUS, PAL
Macrotrachela vanoyei Schepens, 1954: PAL
Macrotrachela verecunda Milne, 1916: AFR
Macrotrachela vesicularis (Murray, 1906): AUS, PAL
 Callidina vesicularis Murray, 1906
Macrotrachela zickendrahti (Richters, 1902)
 Callidina zickendrahti Richters, 1902
Macrotrachela zickendrahti digitata Bartoš, 1943
Macrotrachela zickendrahti seda Donner, 1965
Macrotrachela zickendrahti zickendrahti (Richters, 1902)

***Mikrocoides* Bergendal, 1892**

Mikrocoides chlaena (Gosse, 1886): AFR, AUS, NEA, NEO, ORI, PAC, PAL
 Stephanops chlaena Gosse, 1886
 Syn.: *Mikrocoides dubius* Bergendal, 1892
 Syn.: *Microcodides mobilis* Rodewald, 1940
 Syn.: *Rhinops orbiculodiscus* Thorpe, 1891
Mikrocoides hertha Wulfert, 1961: PAL
Mikrocoides robustus (Glascott, 1893): NEA, NEO, PAL
 Microcodon robustus Glascott, 1893

***Microcodon* Ehrenberg, 1830**

Microcodon clavus Ehrenberg, 1830: AFR, ANT, AUS, NEA, NEO, ORI, PAL

***Mniobia* Bryce, 1910**

Mniobia adhaerens Bartoš, 1944: PAL
Mniobia animosa Milne, 1916: AFR
Mniobia armata (Murray, 1905): PAL
 Callidina armata Murray, 1905
Mniobia barbatula Donner, 1950: PAL
Mniobia bdelloidea Donner, 1951: PAL
Mniobia brachypoda Schulte, 1954: PAL
Mniobia branchicola (Nemec, 1895): PAL
 Callidina branchicola Nemec, 1895
Mniobia bredensis De Koning, 1947: AUS, NEA, PAL
Mniobia burgeri Bartoš, 1951: ANT, NEA
 Syn.: *Mniobia ostensa* Donner, 1980
Mniobia circinata (Murray, 1908): AUS, NEA, PAL
 Callidina circinata Murray, 1908

- Mniobia conarus* Bērziņš, 1982: AUS
Mniobia dentata Haigh, 1963: AUS
Mniobia discophora Bartoš, 1951: PAL
Mniobia donneri Bartoš, 1951: PAL
Mniobia edmondsoni Burger, 1948: NEA, PAL
Mniobia frankenbergeri Bartoš, 1944: PAL
Mniobia granulosa Bartoš, 1940: PAL
Mniobia incrassata (Murray, 1905): AUS, NEO, PAL
 Callidina incrassata Murray, 1905
Mniobia incurata Rudescu, 1960: PAL
Mniobia iurensis Schulte, 1954: PAL
Mniobia lamellata Donner, 1950: AUS, PAL
Mniobia lenta Donner, 1951: PAL
Mniobia lineata Rahm, 1932: AUS, NEO, PAL
Mniobia lobata Haigh, 1967: AUS
Mniobia loxocorona De Koning, 1947: PAL
Mniobia magna (Plate, 1889): AUS, NEA, NEO, PAL
 Callidina magna Plate, 1889
Mniobia mirabilis (Murray, 1911): AUS, NEO
 Callidina mirabilis Murray, 1911
Mniobia modesta Donner, 1951: PAL
Mniobia montium Murray, 1911: NEA, PAL
Mniobia obtusicalcar De Koning, 1947: AUS, NEO, PAL
Mniobia obtusicornis Murray, 1911: AUS, NEA, PAL
Mniobia ocypetes Bērziņš, 1982: AUS
Mniobia orta Donner, 1951: PAL
Mniobia placida Haigh, 1963: AUS
Mniobia procera Schulte, 1954: PAL
Mniobia punctata Haigh, 1963: AUS, PAL
Mniobia punctulata Bartoš, 1948: PAL
Mniobia recurvicornis Bartoš, 1950: PAL
Mniobia russeola (Zelinka, 1891): AFR, ANT, AUS, NEA, NEO, PAL
 Callidina russeola Zelinka, 1891
Mniobia scabrosa Murray, 1911: AFR, AUS, NEA, PAL
Mniobia scarlatina (Ehrenberg, 1853): AFR, AUS, NEO, PAL
 Callidina scarlatina Ehrenberg, 1853
Mniobia setifera Bartoš, 1944: PAL
Mniobia storkani Bartoš, 1948: PAL
Mniobia symbiotica (Zelinka, 1886): AUS, NEA, NEO, PAL
 Callidina symbiotica Zelinka, 1886
Mniobia tarda Donner, 1949: AUS, PAL
Mniobia tentans Donner, 1949: NEO, PAL
Mniobia tetraodon (Ehrenberg, 1848): AFR, AUS, NEA, NEO, PAL
 Callidina tetraodon Ehrenberg, 1848
Mniobia vargai Donner, 1962: PAL
Mniobia variabilis Donner, 1949: PAL

***Monommata* Bartsch, 1870**

- Monommata actices* Myers, 1930: AUS, NEA, NEO, ORI, PAL
Syn.: *Monommata arndti* Remane, 1933
- Monommata aequalis* (Ehrenberg, 1830): AUS, NEA, NEO, ORI, PAL
Notommata aequalis Ehrenberg, 1832
- Monommata aeschyna* Myers, 1930: AUS, NEA, PAL
- Monommata appendiculata* Stenoos, 1898: NEA, PAL
- Monommata astia* Myers, 1930: AUS, NEA, NEO, PAC, PAL
- Monommata caeca* Myers, 1930: AUS, NEA, PAL
- Monommata caudata* Myers, 1930: NEA, PAL
Syn.: *Monommata sphagnicola* Bērziņš, 1949
- Monommata dentata* Wulfert, 1940: AUS, NEA, PAC, PAL
- Monommata diaphora* Myers, 1930: AUS, NEA, PAL
- Monommata dissimile* Bērziņš, 1949: PAL (*species inquirenda*)
- Monommata enedra* Myers, 1930: NEA, PAL
- Monommata grandis* Tessin, 1890: AFR, AUS, NEA, NEO, ORI, PAL
Syn.: *Monommata robusta* Bērziņš, 1949
- Monommata hyalina* Myers, 1930: NEO, PAL
- Monommata longiseta* (Müller, 1786): AFR, AUS, NEA, NEO, PAL
Vorticella longiseta Müller, 1786
- Monommata maculata* Harring & Myers, 1930: AFR, AUS, NEA, NEO, ORI, PAC, PAL
- Monommata phoxa* Myers, 1930: AUS, NEA, NEO, ORI, PAL
- Monommata pseudophoxa* Wulfert, 1960: PAL
- Monommata viridis* Myers, 1937: AUS, NEA, PAL

***Myersinella* Wiszniewski, 1936**

Myersina Wiszniewski, 1934 (*non* Herre (1934))

- Myersinella belodon* (Harring & Myers, 1928): NEA
Erignatha belodon Harring & Myers, 1928
- Myersinella tetraglena* (Wiszniewski, 1934): NEA, PAL
Myersina tetraglena Wiszniewski, 1934

***Mytilina* Bory de St. Vincent, 1826**

- Diplacidum* Lauterborn, 1913
- Diplax* Gosse, 1851 (*non* Charpentier (1840))
- Salpina* Ehrenberg, 1830 (*non* Cantraine (1837))
- Mytilina acanthophora* Hauer, 1938: AFR, AUS, NEO, ORI, PAL
- Mytilina bicarinata* (Perty, 1850): NEA, ORI, PAL
Euchlanis bicarinata Perty, 1850
Syn.: *Salpina pertyi* Hood, 1895

- Mytilina bisulcata* (Lucks, 1912): AFR, AUS, NEO, ORI, PAL
Diplax bisulcata Lucks, 1912
- Mytilina carpatica* Varga, 1962: PAL
- Mytilina compressa* (Gosse, 1851): AFR, NEO, PAL
Diplax compressa Gosse, 1851
- Mytilina crassipes* (Lucks, 1912): AUS, NEA, PAL
Diplax crassipes Lucks, 1912
- Mytilina lobata* Pourriot, 1996: NEO
- Mytilina macrocera* (Jennings, 1894): AFR, NEA, NEO
Salpina macrocera Jennings, 1894
- Mytilina michelangellii* Reid & Turner, 1988: AFR, NEO
 Syn.: *Mytilina ventralis* f. *diversicantha* Wulfert, 1965
- Mytilina mucronata* (Müller, 1773)
Brachionus mucronatus Müller, 1773
- Mytilina mucronata longicauda* Dartnall & Hollowday, 1985: ANT
- Mytilina mucronata mucronata* (Müller, 1773): AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Salpina affinis* Herrick, 1885
 Syn.: *Mytilina cypridina* Bory de St. Vincent, 1926
 Syn.: *Mytilina cytherea* Bory de St. Vincent, 1926
 Syn.: *Brachionus dentatus* Müller, 1786
 Syn.: *Salpina marina* Gosse, 1887
 Syn.: *Brachionus tetracerus* Costa, 1838
- Mytilina mucronata spinigera* (Ehrenberg, 1830): PAL
Salpina spinigera Ehrenberg, 1830
 Syn.: *Salpina sulcata* Gosse, 1886
- Mytilina mucronata sumatrana* Bērziņš, 1982: ORI
- Mytilina trigona* (Gosse, 1851): AUS, NEA, NEO, ORI, PAL
Diplax trigona Gosse, 1851
 Syn.: *Mytilina trigona bispinosa* Wang, 1961
- Mytilina unguipes* (Lucks, 1912): AFR, NEO, PAL
Diplax unguipes Lucks, 1912
- Mytilina ventralis* (Ehrenberg, 1830)
Salpina ventralis Ehrenberg, 1830
- Mytilina ventralis brevispina* (Ehrenberg, 1830): AFR, AUS, NEA, NEO, ORI, PAL
Salpina brevispina Ehrenberg, 1830
 Syn.: *Salpina redundans* Ehrenberg, 1830
- Mytilina ventralis longidactyla* Wulfert, 1965: AFR, AUS, ORI
- Mytilina ventralis ventralis* (Ehrenberg, 1830): AFR, AUS, NEA, NEO, ORI, PAC, PAL
 Syn.: *Salpina ceylonica* Daday, 1896
 Syn.: *Salpina cortina* Thorpe, 1891
 Syn.: *Salpina eustala* Gosse, 1886
 Syn.: *Salpina macracantha* Gosse, 1886
 Syn.: *Salpina similis* Stokes, 1896
- Mytilina ventralis wuhanensis* Sudzuki & Huang, 1997 (*species inquirenda*)
- Mytilina videns* (Levander, 1894): PAL
Diplax videns Levander, 1894

***Notholca* Gosse, 1886**

Pseudonotholca Mirakawa, 1928

Notholca acuminata (Ehrenberg, 1832): AFR, PAL

Anuraea acuminata Ehrenberg, 1832

Notholca angakkoq Sørensen, 1998: NEA

Notholca angulata (Daday, 1906): PAL

Anuraea angulata Daday, 1906

Notholca baikalensis Jaschnov, 1922: PAL (Baikal endemic)

Notholca beta Kutikova, 1986: PAL (Baikal endemic)

Notholca bipalium (Müller, 1786): NEA, PAL

Brachionus bipalium Müller, 1786

Notholca caudata Carlin, 1943: NEA, NEO, PAL

Notholca cinetura Skorikov, 1914: PAL

 Syn.: *Notholca grandis* Voronkov, 1917

Notholca cornuta Carlin, 1943: NEA, PAL

Notholca foliacea (Ehrenberg, 1838): AFR, AUS, NEA, NEO, PAL

Anuraea foliacea Ehrenberg, 1838

Notholca gaigalasi Kutikova, 1970: PAL

Notholca guidoi Battistoni, 1992: NEO (Patagonia)

Notholca haueri Thomasson, 1963: NEO, PAL

Notholca hollowdayi Dartnall, 1995: ANT

Notholca ikaitophila Sørensen & Kristensen, 2000 (marine)

Notholca japonica (Marukawa, 1928): PAL

Pseudonotholca japonica Marukawa, 1928

 Syn.: *Notholca bifurca* Hada, 1939

 Syn.: *Notholca quadraspinata* Myers, 1936

Notholca jasnitzkii Tikhomirov, 1927: PAL (Baikal endemic)

Notholca kostei Chengalath, 1978: NEA

Notholca kozhovi Vassilijewa & Kutikova, 1969: PAL (Baikal endemic)

Notholca labis Gosse, 1887

Notholca labis labis Gosse, 1887: NEA, NEO, ORI, PAL

 Syn.: *Notholca labis frigida* Jaschnov, 1922 ("frigida" forms are giant forms, presumably associated with extreme cold environments. They are recognized in several *Notholca* species)

 Syn.: *Notholca labis limnetica* Levander, 1901 ("limnetica" forms have a strongly elongated caudal projection. Such forms are recognized in several *Notholca* species)

Notholca labis rectospina Kutikova, 1964: PAL

Notholca lamellifera Vassilijewa & Kutikova, 1969

Notholca lamellifera jashnovi Kutikova, 1986: PAL (Baikal endemic)

Notholca lamellifera lamellifera Vassilijewa & Kutikova, 1969: PAL (Baikal endemic)

Notholca latistyla Olofsson, 1918: PAL (Originally described as subspecies of *N. foliacea*)

Notholca laurentiae Stemberger, 1976: NEA

Notholca liepetterseni Godske Björklund, 1972: PAL

Notholca lyrata Tikhomirov, 1927: PAL (Baikal endemic)

Notholca marina Focke, 1961: PAL (Originally described as subspecies of *N. acuminata*)

Notholca michiganensis Stemberger, 1976: NEA

Notholca olchonensis Tikhomirov, 1927: PAL (Baikal endemic)
Notholca orbiculata Kutikova, 1986: PAL (Baikal endemic)
Notholca psammarina Buchholz & Rühmann, 1956: NEA, PAL
Notholca salina Focke, 1961
Notholca salina dumonti De Ridder & Verheyen, 1980: PAL
Notholca salina salina Focke, 1961: ANT, NEA, PAL
 Syn.: *Notholca squamula evensi* Gillard, 1948
Notholca squamula (Müller, 1786): AFR, ANT, AUS, NEA, NEO, ORI, PAL
 Brachionus squamula Müller, 1786
 Syn.: *Notholca lapponica* Ruttner Kolisko, 1966
 Syn.: *Notholca striata striata frigida* Rylov, 1922
Notholca striata (Müller, 1786): NEA, NEO, PAL
 Brachionus striata Müller, 1786
 Syn.: *Anuraea biremis* Ehrenberg, 1832
Notholca tibetica Gong, 1983: PAL
Notholca triarthroides Skorikov, 1903: PAL
Notholca verae Kutikova, 1958: ANT
Notholca walterkostei José de Paggi, 1982
Notholca walterkostei reducta Dartnall & Holloway, 1985: ANT
Notholca walterkostei walterkostei José de Paggi, 1982: ANT, NEO

***Notommata* Ehrenberg, 1830**

Copeus Ehrenberg, 1838
Labidodon Ehrenberg, 1838

Notommata aethis Myers, 1933: NEA
Notommata allantois Wulfert, 1935: NEA, NEO, ORI, PAC, PAL
Notommata angusta Harring & Myers, 1922: NEA
Notommata apochaeta Myers, 1933: NEA
Notommata aurita (Müller, 1786): AUS, NEA, NEO, PAL
 Vorticella aurita Müller, 1786
 Syn.: *Notommata epaxia* Harring & Myers, 1924
 Syn.: *Cyclogena lupus* Eyferth, 1877
Notommata avena Myers, 1933: NEA
Notommata bennetti Myers, 1942: NEA
Notommata brachyota Ehrenberg, 1832: NEA, PAL
 Syn.: *Notommata brevipes* Zawadowsky, 1926
Notommata cerberus (Gosse, 1886): AFR, AUS, NEA, NEO, PAL
 Copeus cerberus Gosse, 1886
 Syn.: *Notommata parvida* Myers, 1937
Notommata cherada Myers, 1938: NEA
Notommata codonella Harring & Myers, 1924
Notommata collaris Ehrenberg, 1832: AFR, AUS, NEA, NEO, PAL
Notommata contorta (Stokes, 1897): AUS, NEA, PAC, PAL
 Diglena contorta Stokes, 1897

- Notommata copeus* Ehrenberg, 1834: AFR, AUS, NEA, NEO, ORI, PAL
Syn.: *Notommata centrura* Ehrenberg, 1834
Syn.: *Copeus ehrenbergi* Gosse, 1886
Syn.: *Copeus labiatus* Gosse, 1886
Syn.: *Copeus notommata* Ehrenberg, 1838
- Notommata cyrtopus* Gosse, 1886
- Notommata cyrtopus cyrtopus* Gosse, 1886: AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL
Syn.: *Notommata carpatica* Rodewald, 1935
Syn.: *Notommata curvipes* Zawadowsky, 1926
Syn.: *Notommata distincta* Bergendal, 1892
Syn.: *Notommata telmata* Harring & Myers, 1922
- Notommata cyrtopus paracyrtopus* de Beauchamp, 1932: PAL
- Notommata diasema* Myers, 1936: NEA, PAL
- Notommata doneta* Harring & Myers, 1924: AUS, NEA, PAL
- Notommata endoxa* Myers, 1933: NEA
- Notommata falcinella* Harring & Myers, 1922: NEA, PAL (incl. the infrasubspecific variant *europaea* Bērziņš, 1949)
- Notommata fasciola* Myers, 1933: NEA
- Notommata galena codonella* Harring & Myers, 1924: NEA, PAL
- Notommata galena galena* Harring & Myers, 1922: NEA
- Notommata gisleni* Bērziņš, 1949: PAL
- Notommata glyphura* Wulfert, 1935: AFR, AUS, NEA, NEO, ORI, PAL
- Notommata groenlandica* Bergendal, 1892: PAL
- Notommata haueri* Wulfert, 1939: PAL
- Notommata lenis* Harring & Myers, 1922: NEA, PAL
- Notommata longina* Pourriot, 1995: AUS, PAL
- Notommata mera* Donner, 1970: PAL
- Notommata omentata* Wulfert, 1939: PAL
- Notommata pachyura* (Gosse, 1886): AFR, AUS, NEA, NEO, ORI, PAL
Copeus pachyurus Gosse, 1886
Syn.: *Notommata brachiata* Daday, 1908
Syn.: *Copeus quinquelobatus* Stokes, 1896
Syn.: *Copeus triangulatus* Kirkman, 1906 (synonym considered an infrasubspecific variant (f. *triangulata*) of *N. pachyura*)
- Notommata peridia* Harring & Myers, 1922: NEA, NEO
- Notommata placida* Harring & Myers, 1922: NEA
- Notommata prodota* Myers, 1933: NEA
- Notommata pseudocerberus* de Beauchamp, 1908: AFR, AUS, NEA, NEO, ORI, PAC, PAL
Syn.: *Notommata cerberus* auct.
- Notommata pygmaea* Harring & Myers, 1922: NEA
- Notommata rugosa* Myers, 1933: NEA
- Notommata saccigera* Ehrenberg, 1830: AFR, AUS, NEA, NEO, ORI, PAL
- Notommata silpha* (Gosse, 1887): AFR, NEA, PAL
Diglena silpha Gosse, 1887
Syn.: *Notommata forcipata* Gosse, 1886 (*non* Ehrenberg (1838))
- Notommata silphoides* de Beauchamp, 1923: PAL

Notommata spinata Koste & Shiel, 1991: AUS
Notommata stitista Myers, 1937: NEA
Notommata thopica Harring & Myers, 1924: NEA, PAC
Notommata tripus Ehrenberg, 1838: AFR, AUS, NEA, NEO, ORI, PAC, PAL
Notommata venusta Harring & Myers, 1922: NEA
Notommata voigtii Donner, 1949: PAL
Notommata weberi Voigt, 1957: PAL

Octoctrocha Thorpe, 1893

Octoctrocha speciosa Thorpe, 1893: AUS, NEA, NEO, PAL

Otostephanos Milne, 1916

Otostephanos annulatus Koniar, 1955: PAL
Otostephanos auriculatus (Murray, 1911)
 Habrotrocha auriculata Murray, 1911
Otostephanos auriculatus auriculatus (Murray, 1911): AFR, AUS, NEA, PAC, PAL
Otostephanos auriculatus bilobatus Hauer, 1939: AUS, PAL
Otostephanos cuspidilabris De Koning, 1947: PAL
Otostephanos donneri Bartoš, 1959: AUS, PAL
Otostephanos jersabekii Koste, 1996: AFR
Otostephanos kostei Donner, 1972: PAL
Otostephanos macrantennus De Koning, 1947: PAL
Otostephanos monteti Milne, 1916: AFR, PAL
Otostephanos mundiformis De Koning, 1947: PAL
Otostephanos regalis Milne, 1916: AFR, PAL
Otostephanos torquatus (Bryce, 1913)
 Habrotrocha torquata Bryce, 1913
Otostephanos torquatus amoenus Milne, 1916: AFR, PAL
Otostephanos torquatus torquatus (Bryce, 1913): AUS, NEA, PAL

Paracolurella Myers, 1936

Paracolurella aemula (Myers, 1934): NEA, NEO, ORI
 Colurella aemula Myers, 1934
Paracolurella logima (Myers, 1934): NEA, NEO
 Colurella logima Myers, 1934

Paradicranophorus Wiszniewski, 1929

Paradicranophorus aculeatus (Neiswestnowa-Shadina, 1935): PAL
 Dicranophorus aculeatus Neiswestnowa-Shadina, 1935
Paradicranophorus hudsoni (Glascott, 1893): AUS, PAL
 Diglena hudsoni Glascott, 1893

Syn.: *Paradicranophorus limosus* Wiszniewski, 1929
Paradicranophorus sinus De Smet, 2003: PAL
Paradicranophorus sordidus Donner, 1968: ANT, PAL
Syn.: *Encentrum brevifulcrum* Dartnall, 1997
Paradicranophorus verae Bogoslovsky, 1958: PAL
Paradicranophorus wesenberglundi Sørensen, 2001: PAL (brackish water)

Paraseison Plate, 1887

Paraseison annulatus (Claus, 1876) (marine, epizoic on *Nebalia*)
Seison annulatus Claus, 1876
Syn.: *Paraseison asplanchnus* Plate, 1887

Parencentrum Wiszniewski, 1953

Parencentrum lutetiae (Harring & Myers, 1928): ORI, PAL
Encentrum lutetiae Harring & Myers, 1928
Parencentrum plicatum (Eyferth, 1878): NEA, PAL
Theora plicata Eyferth, 1878
Syn.: *Parencentropsis mittii* Sudzuki, 1960

Pedipartia Myers, 1937

Pedipartia gracilis (Myers, 1936): NEA, PAC
Dicranella gracilis Myers, 1936

Philodina Ehrenberg, 1830

Philodina acuticornis Murray, 1902
Philodina acuticornis acuticornis Murray, 1902: AFR, AUS, NEA, NEO, PAL
Philodina acuticornis minor Pax & Wulfert, 1942: PAL
Philodina acuticornis odiosa Milne, 1916: AFR, NEA, NEO, PAL
Philodina alata Murray, 1910: ANT
Philodina americana Murray, 1913: NEO
Philodina amethystina Bartoš, 1951: PAL
Philodina antarctica Murray, 1910: ANT
Philodina arndti Wulfert, 1961: PAL
Philodina australis Murray, 1911: AUS, NEA
Philodina brevipes Murray, 1902: AFR, AUS, NEA, NEO, ORI, PAC, PAL
Philodina calceata Donner, 1970: PAL
Philodina chilidi Milne, 1916: AFR
Philodina citrina Ehrenberg, 1832: AFR, AUS, NEA, NEO, ORI, PAL
Philodina convergens Murray, 1908: PAL
Philodina cristata Donner, 1949: AFR, PAL
Philodina dobrogensis Rudescu, 1960: PAL
Philodina duplicalcar (De Koning, 1947): PAL

- Didymodactylos duplicalcar* De Koning, 1947
Philodina erythrophthalma Ehrenberg, 1830: AFR, AUS, NEA, NEO, PAL
Philodina eurystephana Schulte, 1954: PAL
Philodina flaviceps Bryce, 1906: AFR, AUS, NEA, NEO, ORI, PAL
Philodina foissneri Koste, 1996: AFR
Philodina grandis Milne, 1916: AFR
Philodina gregaria Murray, 1910: ANT
Philodina indica Murray, 1906: NEA, PAL
Philodina inopinata Milne, 1916: AFR, PAL
Philodina jeanneli de Beauchamp, 1940 : ANT
Philodina lepta Wulfert, 1950: AUS, NEA, NEO, PAL
Philodina megalotrocha Ehrenberg, 1832: AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Philodina calcarata* Schmarda, 1894
Philodina morigera Donner, 1949: AUS, NEA, PAL
Philodina nemoralis Bryce, 1903: AFR, AUS, NEA, PAL
Philodina nitida Milne, 1916
Philodina nitida decens Milne, 1916: AFR
Philodina nitida nitida Milne, 1916: AFR, AUS
Philodina parvicalcar De Koning, 1947: PAL
Philodina patula Milne, 1916: AFR
Philodina plena (Bryce, 1894): AFR, ANT, AUS, NEA, NEO, PAL
 Callidina plena Bryce, 1894
Philodina praelonga Milne, 1916: AFR
Philodina proterva Milne, 1916: AFR, AUS, NEA, PAL
Philodina quadrata De Koning, 1947: PAL
Philodina rapida Milne, 1916: AFR, NEO, PAL
Philodina roseola Ehrenberg, 1832: AFR, AUS, NEA, NEO, PAL
 Syn.: *Philodina cinnabarina* Zacharias, 1886
Philodina rugosa Bryce, 1903
Philodina rugosa callosa Bryce, 1903: PAL
Philodina rugosa coriacea Bryce, 1903: PAL
Philodina rugosa rugosa Bryce, 1903: AFR, AUS, NEA, NEO, PAL
Philodina scabra Milne, 1916
Philodina squamosa Murray, 1906: AUS, ORI
Philodina striata Rodewald, 1937: PAL
Philodina tenuicalcar De Koning, 1947: PAL
Philodina tranquilla Wulfert, 1942: AUS, PAL
Philodina tridentata Rodewald, 1935: PAL
Philodina vorax (Janson, 1893): AFR, AUS, NEA, NEO, ORI, PAL
 Callidina vorax Janson, 1893

***Philodinavus* Harring, 1913**

- Philodinavus aussiensis* Ricci, Shiel, Fontaneto & Melone, 2003
Philodinavus paradoxus (Murray, 1905): AUS, NEA, PAL
 Microdina paradoxa Murray, 1905

***Plationus* Segers, Murugan & Dumont, 1993**

- Plationus felicitas* (Wulfert, 1956): PAL
 Platyias felicitas Wulfert, 1956
Plationus patulus (Müller, 1786)
 Brachionus patulus Müller, 1786
Plationus patulus macracanthus (Daday, 1905): AFR, AUS, NEO, ORI
 Noteus patulus macracanthus Daday, 1905
Plationus patulus patulus (Müller, 1786): AFR, AUS, NEA, NEO, ORI, PAL
Plationus polyacanthus (Ehrenberg, 1834): PAL
 Brachionus polyacanthus Ehrenberg, 1834
Syn.: *Brachionus polyacanthoides* Bērziņš, 1943

***Platyias* Herring, 1913**

Noteus Ehrenberg, 1832

- Platyias latiscapularis* Koste, 1974: NEO
Platyias leloupi Gillard, 1967: AFR, AUS, NEA, NEO, ORI
 Syn.: *Platyias longispinosus* Arora, 1966
Platyias quadricornis (Ehrenberg, 1832)
 Noteus quadricornis Ehrenberg, 1832
Platyias quadricornis andhraensis Dhanapathi, 1974: ORI
Platyias quadricornis quadricornis (Ehrenberg, 1832): AFR, AUS, NEA, NEO, ORI, PAC, PAL
 Syn.: *Brachionus intermedius* Herrick, 1900
 Syn.: *Noteus quadricornis brevispinus* Daday, 1905 (synonym occasionally considered an infrasubspecific variant (f. *brevispinus*) of *P. quadricornis*)

***Pleurata* Nogrady & Pourriot, 1995**

- Pleurata chalicodes* (Myers, 1933): NEA
 Pleurotrocha chalicodes Myers, 1933
Pleurata thura (Myers, 1933): NEA
 Pleurotrocha thura Myers, 1933
Pleurata tithasa (Herring & Myers, 1924): NEA
 Notommata tithasa Herring & Myers, 1922
Pleurata trypeta (Herring & Myers, 1922): NEA, PAL
 Notommata trypeta Herring & Myers, 1922
Pleurata tyleri (Koste, Shiel & Tan, 1988): AUS
 Notommata tyleri Koste, Shiel & Tan, 1988
Pleurata uroglenae (de Beauchamp, 1948) : PAL
 Proales uroglenae de Beauchamp, 1948
Pleurata vernalis (Wulfert, 1935): PAL
 Pleurotrocha vernalis Wulfert, 1935

Pleuretra Bryce, 1910

- Pleuretra africana* Murray, 1911: AFR, NEO
Pleuretra alpium (Ehrenberg, 1853): AFR, AUS, NEA, NEO, PAL
 Callidina alpium Ehrenberg, 1853
Pleuretra bovicornis Bartoš, 1963: ORI
Pleuretra brycei (Weber, 1898): AFR, AUS, NEA, NEO, PAL
 Callidina brycei Weber, 1898
 Syn.: *Callidina cataracta* Lord, 1898
Pleuretra costata (Bartoš, 1938): PAL
 Macrotrachela costata Bartoš, 1938
Pleuretra humerosa (Murray, 1905): AFR, AUS, NEA, NEO, PAC, PAL
 Philodina humerosa Murray, 1905
Pleuretra hystrix Bartoš, 1950: PAL
Pleuretra intermedia (Bartoš, 1938): PAL
 Mniobia intermedia Bartoš, 1938
Pleuretra lineata Donner, 1962: AUS, PAL
Pleuretra proxima Bartoš, 1963: ORI
Pleuretra reticulata Milne, 1916: AFR, PAL
Pleuretra similis Bartoš, 1963: ORI
Pleuretra sulcata Bartoš, 1950: PAL
Pleuretra triangularis Murray, 1913: NEO

Pleurotrocha Ehrenberg, 1830

- Pleurotrocha altila* Myers, 1940: NEA
Pleurotrocha atlantica Myers, 1936: NEA, PAL (backish water and marine)
Pleurotrocha aurea (Zawadovsky, 1916): PAL
 Proales aureus Zawadovsky, 1916
Pleurotrocha channa Myers, 1933: NEA
Pleurotrocha elegans Zawadovsky, 1926: PAL
Pleurotrocha larvarum Vlastov, 1956: PAL
Pleurotrocha petromyzon (Ehrenberg, 1830): AFR, AUS, NEA, NEO, ORI, PAL
 Notommata petromyzon Ehrenberg, 1830
 Syn.: *Notops laurentinus* Jennings, 1894
Pleurotrocha robusta (Glascott, 1893): NEA, PAL
 Microcodon robustus Glascott, 1893
 Syn.: *Microcodides abbreviatus* Stenroos, 1898

Pleurotrochopsis Bērziņš, 1973

- Pleurotrochopsis multispinosa* (Fadeew, 1925): NEA, PAL
Pleurotrocha multispinosa Fadeew, 1925
 Syn.: *Pleurotrochopsis anebodica* Bērziņš, 1973

***Ploesoma* Herrick, 1885**

- Bipalpus* Wierzejski & Zacharias, 1893
Dictyoderma Lauterborn, 1893
Gastroschiza Bergendal, 1892
Gomphogaster Vorce, 1888
Ploesoma africanum Wulfert, 1965: AFR, NEO
Ploesoma hudsoni (Imhof, 1891): NEA, NEO, PAL
 Gastropus hudsoni Imhof, 1891
 Syn.: *Gastroschiza flexilis* Jägerskiold, 1892
 Syn.: *Dictyoderma hypopus* Lauterborn, 1893
 Syn.: *Ploesoma sibericum* Daday, 1901
 Syn.: *Bipalpus vesiculosus* Wierzejski & Zacharias, 1893
Ploesoma lenticulare Herrick, 1885: AFR, AUS, NEA, NEO, ORI, PAL
Ploesoma lenticulare fukusimensis Sudzuki, 1992 (*species inquirenda*)
Ploesoma lenticulare lenticulare Herrick, 1885
 Syn.: *Gomphogaster areolatus* Vorce, 1888
 Syn.: *Gastropus ehrenbergii* Imhof, 1891
 Syn.: *Ploesoma ekmani* Brehm, 1910
 Syn.: *Gastroschiza foveolata* Jägerskiold, 1892
 Syn.: *Bipalpus lynceus* Wierzejski & Zacharias, 1893
Ploesoma multispinatum Wulfert, 1965 (*species inquirenda*)
Ploesoma murrayi Wulfert, 1961: PAL
Ploesoma peipsiense Maëmets & Kutikova, 1979: PAL
Ploesoma triacanthum (Bergendal, 1892): NEO, PAL
 Gastroschiza triacantha Bergendal, 1892
Ploesoma truncatum (Levander, 1894): AFR, AUS, NEA, NEO, PAL
 Gastroschiza truncata Levander, 1894

***Polyarthra* Ehrenberg, 1834**

- Anarthra* Hood, 1895
Polyarthra aptera Hood, 1893 (first generation hatching from resting eggs (several species))
Polyarthra proloba Wulfert, 1941 (specimens with mastax protruding in a ventral prolapse (several species))
Polyarthra pseudoproloba Albertova, 1960 (specimens with mastax protruding in a ventral prolapse (several species))
Polyarthra bicerca Wulfert, 1956 (*species inquirenda*)
Polyarthra dissimulans Nipkow, 1952 (*species inquirenda*)
Polyarthra dolichoptera Idelson, 1925: AFR, AUS, NEA, ORI, PAC, PAL
 Syn.: *Polyarthra platyptera* auct.
Polyarthra dolichoptera f. *brachyptera* Bartoš, 1947 (*species inquirenda*)
Polyarthra euryptera Wierzejski, 1891: NEA, ORI, PAL
 Syn.: *Polyarthra latiremis* Imhof, 1891
Polyarthra indica Segers & Babu, 1999: AFR, ORI
Polyarthra leleki Koste & Tobias, 1989: AFR
Polyarthra longiremis Carlin, 1943: AUS, NEA, NEO, ORI, PAL

- Polyarthra luminosa* Kutikova, 1962: NEA, NEO, ORI, PAL
Polyarthra major Burckhardt, 1900: AUS, NEA, NEO, ORI, PAL
Polyarthra minor Voigt, 1904: AUS, NEA, ORI, PAL
Polyarthra platyptera Ehrenberg, 1838 (*species inquirenda*)
 Syn.: *Polyarthra platyptera* auct.
Polyarthra remata Skorikov, 1896: AUS, NEA, NEO, ORI, PAL
 Syn.: *Polyarthra platyptera* auct.
Polyarthra trigla Ehrenberg, 1834 (*species inquirenda*)
Polyarthra vulgaris Carlin, 1943: AFR, AUS, NEA, NEO, ORI, PAC, PAL
 Syn.: *Polyarthra trigla* auct.

***Pompholyx* Gosse, 1951**

- Pompholyx complanata* Gosse, 1851: AFR, AUS, NEA, NEO, ORI, PAL
Pompholyx sulcata Hudson, 1885: AFR, NEA, NEO, ORI, PAL
Pompholyx triloba Pejler, 1957: NEA, PAL

***Pourriotia* De Smet, 2003**

- Pourriotia carcharodonta* De Smet, 2003: ANT

***Proales* Gosse, 1886**

- Proales adenodis* Myers, 1933: NEA
Proales alba Wulfert, 1939: NEA, PAL
Proales baradlana Varga, 1958: PAL
Proales bemata Myers, 1933: NEA
Proales christinae De Smet, 1994 (marine)
Proales cognita Myers, 1940: NEA
Proales commutata Althaus, 1957 (marine)
Proales cryptopus Wulfert, 1935: NEO, PAL
Proales daphnicola Thompson, 1892: AFR, AUS, NEA, ORI, PAL
 Syn.: *Proales nova* Wlastow, 1953
 Syn.: *Proales pejleri* De Smet, Van Rompu & Beyens, 1992
Proales decipiens (Ehrenberg, 1832): AFR, AUS, NEA, NEO, ORI, PAL
Notommata decipiens Ehrenberg, 1832
 Syn.: *Proales brevipes* Harring & Myers, 1924
 Syn.: *Notommata vermicularis* Dujardin, 1841
Proales doliaris (Rousselet, 1895): AUS, NEA, PAL
Microcodides doliaris Rousselet, 1895
Proales fallaciosa Wulfert, 1937: AFR, AUS, NEA, NEO, ORI, PAC, PAL
 Syn.: *Proales typhosa* Bērziņš, 1949
Proales germanica Tzschaschel, 1979 (marine)
Proales gigantea (Glascott, 1893): AUS, NEA, PAL
Notommata gigantea Glascott, 1893
 Syn.: *Proales ovicola* Giard, 1908
Proales gladia Myers, 1933: NEA, PAL

Proales globulifera (Hauer, 1921): PAL
Furcularia globulifera Hauer, 1921
Syn.: *Proales quadrangularis* Glascott, 1893
Proales gonothyraeae Remane, 1929 (marine)
Proales granulosa Myers, 1933: NEA
Proales halophila Remane, 1929: PAL (marine and brackish water)
Proales indirae Wulfert, 1966: ORI
Proales kostei Nogrady & Smol, 1989: NEA
Proales lenta Wlastow, 1956: PAL
Proales litoralis De Smet, 1996 (marine)
Proales macrura Myers, 1933: NEA, PAL
Proales micropus (Gosse, 1886): AUS, NEA, NEO, PAL
 Furcularia micropus Gosse, 1886
Proales minima (Montet, 1915): NEA, PAC, PAL
 Pleurotrocha minima Montet, 1915
 Syn.: *Proales psammophila* Neiswestnowa-Shadina, 1935
Proales oculata Tzschaschel, 1979 (marine)
Proales ornata Myers, 1933: NEA, PAL
Proales paguri Thane-Fenchel, 1966 (marine)
Proales palimmeka Myers, 1940: NEA
Proales parasita (Ehrenberg, 1838): AUS, NEA, NEO, PAL
 Notommata parasita Ehrenberg, 1838
Proales phaeopis Myers, 1933: NEA
Proales provida Wulfert, 1938: PAL
Proales pugio Nogrady, 1983: AFR, NEA
Proales reinhardti (Ehrenberg, 1834) (marine)
 Furcularia reinhardti Ehrenberg, 1834
Proales segnis Myers, 1938: NEA, PAL
Proales sigmoidea (Skorikov, 1896): NEA, PAL
 Pleurotrocha sigmoidea Skorikov, 1896
 Syn.: *Pleurotrocha macropoda* Zavadowski, 1926
Proales similis de Beauchamp, 1907: AUS, NEA, ORI, PAC, PAL (halophile)
Proales simplex Wang, 1961: PAL
Proales sordida Gosse, 1886: AFR, AUS, NEA, ORI, PAL
Proales syltensis Tzschaschel, 1979 (marine)
Proales theodora (Gosse, 1887): AUS, NEA, PAL
 Notommata theodora Gosse, 1887
 Syn.: *Proales longipes* Remane, 1929
Proales werneckii (Ehrenberg, 1834): AFR, AUS, NEA, PAL
 Notommata werneckii Ehrenberg, 1834
Proales wesenbergi Wulfert, 1960: PAL

***Proalides* de Beauchamp, 1907**

Liliferotrocha Sudzuki, 1959
Proalides digitus Donner, 1978: PAL

Proalides subtilis Rodewald, 1940: AFR, AUS, NEO, ORI, PAL

Proalides tentaculatus de Beauchamp, 1907: AFR, NEA, NEO, PAC, PAL

***Proalinopsis* Weber, 1918**

Proalinopsis caudatus (Collins, 1873): AFR, AUS, NEA, PAL

Notommata caudata Collins, 1873

Syn.: *Proalinopsis montanus* Godeanu, 1962 (synonym is *species inquirenda*)

Syn.: *Proalinopsis trisegmentus* Sudzuki, 1960 (synonym is *species inquirenda*)

Proalinopsis gracilis Myers, 1933: NEA, PAL

Proalinopsis lobatus Rodewald, 1935: PAL (*species inquirenda*)

Proalinopsis phacus Myers, 1933: NEA

Proalinopsis selene Myers, 1933: NEA

Proalinopsis squamipes Hauer, 1935: NEA, PAL

Proalinopsis staurus Harring & Myers, 1924: AFR, AUS, NEA, NEO, PAL

***Pseudoembata* Wycliffe & Michael, 1968 (*Genus inquirendus*)**

Pseudoembata acutipoda Wycliffe & Michael, 1968 (*species inquirenda*)

***Pseudoeuchlanis* Dhanapathi, 1978**

Pseudoeuchlanis longipedes Dhanapathi, 1978: ORI

***Pseudoharringia* Fadeew, 1925**

Pseudoharringia romanica Rodewald, 1937: PAL (*species inquirenda*)

Pseudoharringia similis Fadeew, 1925: PAL

***Pseudoploesoma* Myers, 1938**

Pseudoploesoma formosum (Myers, 1934): NEO

Ploesoma formosum Myers, 1934

Pseudoploesoma greeni Koste, 1978 (*species inquirenda*)

***Ptygura* Ehrenberg, 1832**

Oecistes Ehrenberg, 1834

Pseudoeocistes Stenoos, 1898

Ptygura agassizi Edmondson, 1948: NEA (occasionally considered an infrasubspecific variant of *P. melicerta*)

Ptygura barbata Edmondson, 1939: AUS, NEA, NEO, ORI

Ptygura beauchampi Edmondson, 1940: NEA, NEO, PAL (*Oecistes* cf. *crystallinus* after de Beauchamp, 1932)

Syn.: *Ptygura lacunosa* Summerfield-Wright, 1957 (synonym considered an infrasubspecific variant of *P. beauchampi*)

- Ptygura brachiata* (Hudson, 1886): AFR, AUS, NEA, NEO, ORI, PAL (incl. the infrasubspecific variant *bispicata* Edmondson, 1944)
- Oecistes brachiatus* Hudson, 1886
- Ptygura brevis* (Rousselet, 1893): AUS, PAL
- Oecistes brevis* Rousselet, 1893
- Ptygura cristata* (Murray, 1913): AUS, NEA, NEO
- Oecistes cristatus* Murray, 1913
- Ptygura crystallina* (Ehrenberg, 1834): AFR, ANT, AUS, NEA, NEO, PAL
- Oecistes crystallinus* Ehrenberg, 1834
- Ptygura elsteri* Koste, 1972: NEO, ORI
- Ptygura furcillata* (Kellicott, 1889): AFR, AUS, NEA, NEO, ORI, PAL (incl. the infrasubspecific variant *variabilis* Koste 1975)
- Cephalosiphon furcillatus* Kellicott, 1889
- Syn.: *Ptygura furcata* Hauer, 1938
- Ptygura intermedia* (Davis, 1867): AUS, NEO, PAL
- Oecistes intermedius* Davis, 1867
- Ptygura kostei* José de Paggi, 1996: AFR, NEO, ORI
- Syn.: *Ptygura elsterif. thailandensis* Koste, 1975
- Ptygura libera* Myers, 1934: AFR, NEA, NEO, PAL
- Ptygura linguata* Edmondson, 1939: NEA, NEO
- Ptygura longicornis* (Davis, 1867): AUS, NEA, NEO, PAL (incl. the infrasubspecific variant *bispicata* Edmondson, 1944)
- Oecistes longicornis* Davis, 1867
- Ptygura melicerta* Ehrenberg, 1832
- Ptygura melicerta ctenoida* Koste & Tobias, 1990
- Ptygura melicerta melicerta* Ehrenberg, 1832: AFR, ANT, AUS, NEA, NEO, ORI, PAL
- Syn.: *Oecistes ptygura* Hudson & Gosse, 1886
- Syn.: *Oecistes serpentinus* Gosse, 1886
- Syn.: *Oecistes socialis* Weber, 1888 (synonym occasionally considered an infrasubspecific variant of *P. melicerta*)
- Ptygura mucicola* (Kellicott, 1888): AFR, AUS, NEA, NEO, ORI, PAL (occasionally considered an infrasubspecific variant of *P. melicerta*)
- Oecistes mucicola* Kellicott, 1888
- Ptygura pedunculata* Edmondson, 1939: NEA, NEO, PAL
- Ptygura pilula* (Cubitt, 1872): AFR, AUS, NEA, NEO, PAL
- Melicerta pilula* Cubitt, 1872
- Syn.: *Oecistes longipes* Wills, 1878 (synonym occasionally considered an infrasubspecific variant of *P. pilula*)
- Syn.: *Oecistes umbella* Hudson, 1879
- Ptygura rotifer* (Stenoos, 1898): NEA, PAL (incl. the infrasubspecific variant *conica* Bērziņš, 1949)
- Pseudoecistes rotifer* Stenoos, 1898
- Ptygura seminatans* Edmondson, 1939: NEA
- Ptygura spongicola* Bērziņš, 1950 (Possibly a synonym of *P. melicerta* according to Koste (1978); *species inquirenda*)
- Ptygura stephanion* (Anderson, 1889) (*species inquirenda*)
- Oecistes stephanion* Anderson, 1889
- Ptygura stygis* (Gosse, 1886): NEA, PAL

Oecistes stygis Gosse, 1886

Syn.: *Ptygura cephaloceros* Summerfield-Wright, 1957 (incl. the infrasubspecific variant *grande* Koste, 1970)

Ptygura tacita Edmondson, 1940: AUS, NEA, NEO, ORI

Ptygura tihanyensis Varga, 1937 (*species inquirenda*)

Ptygura tridorsicornis Summerfield-Wright, 1957: PAL

Ptygura velata (Gosse, 1851): AFR, AUS, NEA, NEO, PAC, PAL

Megalotrocha velata Gosse, 1851

Syn.: *Melicerta ptygura* Gosse, 1862

Ptygura wilsonii (Anderson & Shephard, 1892): AFR, AUS, NEO, PAL

Oecistes wilsonii Anderson & Shephard, 1892

Syn.: *Oecistes pectinifera* Murray, 1913

***Resticula* Herring & Myers, 1924**

Resticula anceps Herring & Myers, 1924: NEA

Resticula gelida (Herring & Myers, 1922): ANT, AUS, NEA, NEO, PAL

Eosphora gelida Herring & Myers, 1922

Resticula lestes Wulfert, 1935: PAL

Resticula melandocus (Gosse, 1887): AFR, AUS, NEA, NEO, ORI, PAL

Furcularia melandocus Gosse, 1887

Resticula nyssa Herring & Myers, 1924: AUS, NEA, PAL

Resticula plicata Wulfert, 1935: NEA, PAL

Resticula vermiculus Wulfert, 1935: PAL

***Rhinoglena* Ehrenberg, 1853**

Rhinops Hudson, 1869

Rhinoglena fertoeensis (Varga, 1928): PAL (doubtful Antarctic record)

Rhinops fertoeensis Varga, 1928

Rhinoglena frontalis Ehrenberg, 1853: ANT, AUS, NEA, ORI, PAL

Syn.: *Rhinops vitrea* Hudson, 1869

Rhinoglena tokioensis Sudzuki, 1975: PAL

***Rotaria* Scopoli, 1777**

Rotifer Cuvier, 1798

Rotaria citrina (Ehrenberg, 1838): AFR, AUS, NEA, PAL

Rotifer citrinus Ehrenberg, 1838

Rotaria curtipes (Murray, 1911): AUS

Rotifer curtipes Murray, 1911

Rotaria elongata (Weber, 1888): AFR, AUS, NEA, NEO, PAL

Rotifer elongatus Weber, 1888

Rotaria exoculis De Koning, 1947: AUS, NEA, PAL

Rotaria haptica (Gosse, 1886): AUS, PAL

Rotifer hapticus Gosse, 1886

- Rotaria laticeps* Wulfert, 1942: AUS, PAL
- Rotaria macroceros* (Gosse, 1851): AFR, AUS, NEA, NEO, ORI, PAL
- Rotifer macroceros* Gosse, 1851
- Syn.: *Rotifer motacilla* Bartsch, 1870
- Rotaria macrura* (Ehrenberg, 1832)¹: AFR, AUS, NEA, NEO, PAL (not *Vorticella macroura* Hermann, 1783)
- Rotifer macrurus* Ehrenberg, 1832
- Rotaria magnacalcarata* (Parsons, 1892): PAL
- Callidina magnacalcarata* Parsons, 1892
- Rotaria mento* (Anderson, 1889): NEA, ORI, PAL
- Rotifer mento* Anderson, 1889
- Rotaria montana* (Murray, 1911): AUS, ORI
- Rotifer montanus* Murray, 1911
- Rotaria murrayi* Bartoš, 1951: PAL
- Rotaria neptunia* (Ehrenberg, 1830): AFR, AUS, NEA, NEO, ORI, PAL
- Actinurus neptunius* Ehrenberg, 1830
- Rotaria neptunoida* Herring, 1913: AFR, AUS, NEA, ORI, PAL
- Syn.: *Rotifer neptunius* Milne, 1886 (non Ehrenberg (1832))
- Rotaria ovata* (Anderson, 1889): ORI
- Actinurus ovatus* Anderson, 1889
- Rotaria quadrangularis* (Heinis, 1913): NEA
- Rotifer quadrangularis* Heinis, 1913
- Rotaria quadrioculata* (Murray, 1902): AUS, PAL
- Rotifer quadrioculatus* Murray, 1902
- Rotaria rotatoria* (Pallas, 1766)
- Brachionus rotatorius* Pallas, 1766
- Rotaria rotatoria granularis* (Zacharias, 1885): PAL
- Rotifer rotatoria granularis* Zacharias, 1885
- Rotaria rotatoria rotatoria* (Pallas, 1766): AFR, AUS, NEA, NEO, ORI, PAL
- Syn.: *Esechielina bakeri* Bory de St. Vincent, 1826
- Syn.: *Rotifer brachyurus* Ehrenberg, 1831
- Syn.: *Esechielina leuwenhoekii* Bory de St. Vincent, 1826
- Syn.: *Rotaria monteti* Bērziņš, 1955
- Syn.: *Esechielina muelleri* Bory de St. Vincent, 1826
- Syn.: *Rotifer redivivus* Cuvier, 1798
- Syn.: *Rotaria saprobica* Bērziņš, 1955
- Syn.: *Rotifer vulgaris* Schrank, 1801
- Rotaria rotatoria spongioderma* Pax & Wulfert, 1941: PAL
- Rotaria socialis* (Kellicott, 1888): NEA, NEO, PAL
- Callidina socialis* Kellicott, 1888
- Rotaria sordida* (Western, 1893)

1. There is considerable confusion in literature regarding the identity and synonymy of *Rotaria macrura* (Ehrenberg) and *Vorticella macroura* Hermann, 1783 (*Rotifer macrurus*: Schrank, 1803). The exact taxonomic identity of the latter can't be inferred from the original description; however, it is clear that the two are not conspecific (Herring, 1913). I therefore follow Herring (1913) rather than Donner (1965), who lists *Vorticella marcoura* as synonym of *Rotaria macrura* (Schrank).

- Callidina sordida* Western, 1893
Rotaria sordida fimbriata (Murray, 1906): AFR, AUS, ORI, PAC, PAL
Rotifer longirostris fimbriatus Murray, 1906
Rotaria sordida sordida (Western, 1893): AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Callidina longirostris* Janson, 1893
Rotaria spicata (Murray, 1902): NEA, PAL
Rotifer spicatus Murray, 1902
Rotaria tardigrada (Ehrenberg, 1830): AFR, AUS, NEA, NEO, ORI, PAL
Rotifer tardigradus Ehrenberg, 1830
 Syn.: *Rotifer maximus* Bartsch, 1870
 Syn.: *Rotifer tardus* Ehrenberg, 1838
Rotaria tridens (Montet, 1915): AUS, NEA, NEO, PAL
Rotifer tridens Montet, 1915
 Syn.: *Rotaria tridentata* Varga, 1954
Rotaria trisecata (Weber, 1888): NEA, NEO, PAL
Rotifer trisecatus Weber, 1888

***Rousseletia* Herring, 1913**

- Rousseletia corniculata* Herring, 1913: NEA

***Scaridium* Ehrenberg, 1830**

- Scaridium bostjani* Daems & Dumont, 1974: AFR, AUS, NEA, NEO, ORI, PAL
Scaridium elegans Segers & De Meester, 1994: AFR, AUS, NEO, ORI (record from China by Zhuge (1997) is *S. longicaudum*)
Scaridium elongatum Segers, 1996: NEO
Scaridium grande Segers, 1995: AFR, ORI
Scaridium longicaudum (Müller, 1786): AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL
Trichoda longicauda Müller, 1786
Scaridium montanum Segers, 1995: PAL
Scaridium neglectum Segers, 1997: NEA

***Scepanotrocha* Bryce, 1910**

- Scepanotrocha corniculata* Bryce, 1910: AUS, NEO, PAL
Scepanotrocha delicata Donner, 1949: AUS, PAL
Scepanotrocha galeata Milne, 1916: AFR, PAL
Scepanotrocha haueri Donner, 1962
Scepanotrocha haueri amota Donner, 1962: PAL
Scepanotrocha haueri haueri Donner, 1962: PAL
Scepanotrocha impexa Donner, 1962: PAL
Scepanotrocha parva Schulte, 1954: PAL
Scepanotrocha rubra Bryce, 1910: AUS, NEA, NEO, PAL
Scepanotrocha semitecta Donner, 1951: NEO, PAL
Scepanotrocha setifera Haigh, 1963: AUS
Scepanotrocha simplex De Koning, 1947: AUS, NEO, PAL

***Seison* Grube, 1861**

Seison africanus Sørensen, Segers & Funch, 2005
Seison nebaliae Grube, 1861 (marine, epizoic on *Nebalia*)

Syn.: *Seison grubei* Claus, 1876
Syn.: *Saccobdella nebaliae* Van Beneden & Hesse *non* Grube, 1864

***Sinantherina* Bory de St. Vincent, 1826**

Sinantherina ariprepares Edmondson, 1939: AUS, NEA, NEO
Sinantherina procera (Thorpe, 1893): NEO, ORI
 Megalotrocha procera Thorpe, 1893
Sinantherina semibullata (Thorpe, 1893): AFR, AUS, NEA, NEO, ORI, PAL
 Megalotrocha semibullata Thorpe, 1893
 Syn.: *Megalotrocha binotata* Daday, 1897
Sinantherina socialis (Linnaeus, 1758): AFR, AUS, NEA, NEO, ORI, PAL
 Hydra socialis Linnaeus, 1758
 Syn.: *Megalotrocha alboflavicans* Ehrenberg, 1838
Sinantherina spinosa (Thorpe, 1893): AFR, AUS, NEA, NEO, ORI, PAL
 Megalotrocha spinosa Thorpe, 1893
Sinantherina triglandularis Arora, 1963 (*species inquirenda*)

***Sphyriias* Harring, 1913**

Sphyriias lofiana (Rousselet, 1910): AFR, PAC
 Notops lofiana Rousselet, 1910

***Squatinnella* Bory de St. Vincent, 1826**

Stephanops Ehrenberg, 1830
Listrion Schmarda, 1846

Squatinnella bifurca (Bolton, 1884): PAL (includes the infrasubspecific variant *gigantea* Pourriot, 1971)
 Stephanops bifurcus Bolton, 1884
Squatinnella geleii Varga, 1933: PAL
Squatinnella lamellaris (Müller, 1786): AFR, AUS, NEA, NEO, ORI, PAC, PAL
 Brachionus lamellaris Müller, 1786
 Syn.: *Squatinnella aurita* Wulfert, 1950 (incl. the infrasubspecific variant *myersi* Voigt, 1957)
 Syn.: *Stephanops dichthapsis* Anderson, 1889
 Syn.: *Squatinnella donneri* Wulfert, 1956
 Syn.: *Stephanops emarginatus* Bilfinger, 1894
 Syn.: *Stephanops groenlandicus* Bergendal, 1892
 Syn.: *Stephanops intermedius* Burn, 1889
 Syn.: *Squatinnella minor* Wulfert, 1961
 Syn.: *Stephanops muticus* Ehrenberg, 1832 (synonym considered an infrasubspecific variant (f. *mutica*) of *S. lamellaris*)
 Syn.: *Stephanops tridentatus* Fresenius, 1858 (synonym considered an infrasubspecific variant (f. *tridentata*)

of *S. lamellaris*)

Squatinella leydigii (Zacharias, 1886): AUS, NEA, NEO, PAL (incl. the infrasubspecific variant *longiseta* Pourriot, 1971)

Stephanops leydigii Zacharias, 1886

Syn.: *Squatinella longispinata* auct.

Syn.: *Stephanops variegatus* Levander, 1894

Squatinella longispinata (Tatem, 1867): AUS, NEA, ORI, PAL

Stephanops longispinatus Tatem, 1867

Syn.: *Stephanops armatus* Hudson, 1885

Syn.: *Stephanops tripus* Hudson, 1889

Syn.: *Stephanops uniseta* Collins, 1872

Syn.: *Stephanops unisetatus* Hudson & Gosse, 1886

Squatinella lunata Segers, 1993: AFR, ORI

Squatinella microdactyla (Murray, 1906): NEA, PAC, PAL

Stephanops microdactylus Murray, 1906

Squatinella pseudorostrum Markevich, 1990 (*species inquirenda*)

Squatinella retrospina Myers, 1938: NEA

Squatinella rostrum (Schmarda, 1846): AUS, NEA, PAL

Listrion rostrum Schmarda, 1846

Syn.: *Squatinella lamellata* auct.

***Stephanoceros* Ehrenberg, 1832**

Stephanoceros fimbriatus (Goldfusz, 1820): AUS, NEA, NEO, ORI, PAL

Coronella fimbriata Goldfusz, 1820

***Streptognatha* Harring & Myers, 1928**

Streptognatha lepta Harring & Myers, 1928: NEA

***Synchaeta* Ehrenberg, 1832**

Synchaeta arcifera Xu, 1998: NEO, PAL

Synchaeta atlantica Zelinka, 1907 (marine)

Synchaeta bacillifera Smirnov, 1933 (marine)

Synchaeta baltica Ehrenberg, 1834 (marine)

Syn.: *Synchaeta apus* Plate, 1889

Synchaeta bicornis Smith, 1904: NEA, PAL (marine and brackish water)

Synchaeta calva Ruttner-Kolisko, 1970 (*species inquirenda*)

Synchaeta cecilia Rousselet, 1902: PAL (marine and brackish water)

Synchaeta cecilia f. *fusipes* Buchholz, 1954 (marine)

Synchaeta curvata Lie-Pettersen, 1905 (*species inquirenda*)

Synchaeta cylindrica Althaus, 1957: PAL (Inland saline waters)

Synchaeta elsteri Hauer, 1963 (*species inquirenda*)

Synchaeta fennica Rousselet, 1909 (marine)

- Synchaeta glacialis* Smirnov, 1932 (marine)
Synchaeta grandis Zacharias, 1893: NEA, PAL
Synchaeta grimpei Remane, 1929: NEA, PAL (marine and brackish water)
 Syn.: *Synchaeta procera* Galliford, 1946
Synchaeta gyrina Hood, 1887: PAL (marine and brackish water)
Synchaeta hutchingsi Brownell, 1988: AFR (marine)
Synchaeta hyperborea Smirnov, 1932 (marine)
Synchaeta johanseni Harring, 1921: NEA
Synchaeta jollyae Shiel & Koste, 1993: AUS
Synchaeta kitina Rousselet, 1902
Synchaeta kitina kitina Rousselet, 1902: NEA, NEO, PAL
Synchaeta kitina monodactyla Koch-Althaus, 1976 (*species inquirenda*)
Synchaeta lakowitziana Lucks, 1930
Synchaeta lakowitziana arctica De Smet, 1988: PAL
Synchaeta lakowitziana lakowitziana Lucks, 1930: AUS, NEA, PAL
Synchaeta littoralis Rousselet, 1902 (*species inquirenda*)
Synchaeta longipes Gosse, 1887: AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Synchaeta wesenberglundi* Pejler, 1957
Synchaeta monopus Plate, 1889 (marine)
Synchaeta neapolitana Rousselet, 1902 (marine)
Synchaeta oblonga Ehrenberg, 1832: AFR, AUS, NEA, NEO, ORI, PAC, PAL
Synchaeta pachypoda Jashnov, 1922: PAL (Baikal endemic)
Synchaeta pachypoda Kutikova & Vassiljeva, 1982: PAL (Baikal endemic)
Synchaeta pectinata Ehrenberg, 1832: AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Synchaeta mordax* Gosse, 1851
Synchaeta prominula Kutikova & Vassiljeva, 1982: PAL (Baikal endemic)
Synchaeta rousseleti Zelinka, 1927 (marine, Antarctic)
Synchaeta rufina Kutikova & Vassiljeva, 1982: PAL (Baikal endemic)
Synchaeta squamadigitata De Smet, 2006 (marine)
Synchaeta stylata Wierzejski, 1893: AFR, AUS, NEA, NEO, ORI, PAL
Synchaeta tamara Smirnov, 1932 (marine)
Synchaeta tavina Althaus, 1957: AUS, NEA, PAL (marine and brackish water)
Synchaeta tremula (Müller, 1786): AFR, AUS, NEA, NEO, ORI, PAL
 Vorticella tremula Müller, 1786
 Syn.: *Synchaeta neglecta* Zacharias, 1901
 Syn.: *Synchaeta truncata* von Hofsten, 1909
Synchaeta tremuloida Pourriot, 1965: PAL
Synchaeta triophthalma Lauterborn, 1894: AUS, NEA, PAL (marine and brackish water)
Synchaeta verrucosa Nipkow, 1961: NEA, PAL
 Syn.: *Synchaeta asymmetrica* Koch-Althaus, 1963
Synchaeta vorax Rousselet, 1902: NEA, PAL (marine and brackish water)

***Taphrocampa* Gosse, 1851**

- Taphrocampa annulosa* Gosse, 1851: AFR, AUS, NEA, NEO, ORI, PAL
Taphrocampa clavigera Stokes, 1896: NEA, NEO, PAC, PAL

Taphrocampa lemurensis Bērziņš, 1982: AFR

Taphrocampa selenura Gosse, 1887: AFR, AUS, NEA, NEO, ORI, PAL

***Testudinella* Bory de St. Vincent, 1826**

Pterodina Ehrenberg, 1938

Testudinella ahlstromi Hauer, 1956: AUS, NEA, NEO

Testudinella amphora Hauer, 1938: AUS, NEO, ORI

Testudinella andranomenensis Sudzuki, 1992 (*species inquirenda*)

Testudinella angulata Myers, 1934: NEA

Testudinella aspis Carlin, 1939: PAL

Testudinella berzinsi Gillard, 1952: AFR

Testudinella brevicaudata Yamamoto, 1951: AFR, ORI, PAL

Syn.: *Pompholyx acutangula* Wu, 1981

Testudinella brycei Hauer, 1938: AFR, NEO, ORI, PAL

Testudinella caeca (Parsons, 1892): AFR, NEA, NEO, PAL (incl. the infrasubspecific variants *lermaensis* Ahlstrom, 1932 and *haueri* Wiszniewski, 1954)

Pterodina caeca Parsons, 1892

Testudinella carlini Bartoš, 1951: PAL

Testudinella clypeata (Müller, 1786): NEA, PAL

Brachionus clypeatus Müller, 1786

Syn.: *Pterodina crassa* Levander, 1894

Syn.: *Testudinella dentata* Myers, 1934

Syn.: *Testudinella pseudoclypeata* Bērziņš, 1943 (synonym occasionally considered an infrasubspecific variant of *T. clypeata*)

Testudinella dendradena de Beauchamp, 1955: AFR, NEO, ORI (distribution unreliable because of taxonomic confusion (see Rougier & Pourriot, 2006))

Testudinella discoidea Ahlstrom, 1938: NEA

Testudinella elliptica (Ehrenberg, 1834): NEA, NEO, ORI, PAL

Pterodina elliptica Ehrenberg, 1834

Testudinella emarginula (Stenoos, 1898): AFR, AUS, NEA, NEO, ORI, PAL

Pterodina emarginula Stenoos, 1898

Testudinella epicopta Myers, 1934: NEA

Testudinella gilliardi De Ridder, 1966: PAL

Testudinella greeni Koste, 1981: AFR, AUS, NEO, ORI

Syn.: *Testudinella tridentata* f. *curvata* Wulfert, 1965

Syn.: *Testudinella tridentata* *obtusa* Wu, 1981

Testudinella haueriensis Gillard, 1967: NEO (distribution unreliable because of taxonomic confusion (see Rougier & Pourriot, 2006))

Testudinella husseyi Shiel & Koste, 1985: AUS

Testudinella incisa (Ternetz, 1892): AFR, AUS, NEA, NEO, ORI, PAL

Pterodina incisa Ternetz, 1892

Syn.: *Testudinella naumannii* Carlin, 1939 (synonym occasionally considered an infrasubspecific variant of *T. incisa*)

Syn.: *Testudinella vidzemensis* Bērziņš, 1943

- Syn.: *Testudinella vidzemensis alofsi* Gillard, 1952 (*species inquirenda*)
Testudinella kostei De Ridder, 1983: AFR
Testudinella mucronata (Gosse, 1886)
 Pterodina mucronata Gosse, 1886
Testudinella mucronata mucronata (Gosse, 1886): AFR, AUS, NEA, NEO, ORI, PAL (distribution unreliable because of taxonomic confusion (see Rougier & Pourriot, 2006))
Testudinella mucronata tasmaniensis Koste & Shiel, 1986: AUS
Testudinella munda Bērziņš, 1982: AUS
Testudinella neboisi Bērziņš, 1982: AUS
Testudinella obscura Althaus, 1957 (marine psammon)
Testudinella ohlei Koste, 1972: NEO (incl. the infrasubspecific variant *pustulata* Koste, 1978)
Testudinella ovata Myers, 1934: NEA
Testudinella panonica Zivkovic, 1987 (*species inquirenda*)
Testudinella parva (Ternetz, 1892): AFR, AUS, NEA, NEO, ORI, PAL
 Pterodina parva Ternetz, 1892
 Syn.: *Testudinella bidentata* Ternetz, 1892 (synonym considered an infrasubspecific variant of *T. parva*)
 Syn.: *Pterodina calcaris* Langer, 1909 (identical to *T. parva* var. *bidentata*)
 Syn.: *Pterodina emarginata* Wierzejski, 1893 (identical to *T. parva* var. *bidentata*)
 Syn.: *Testudinella insinuata* Hauer, 1938 (*T. insuata* auct)
 Syn.: *Testudinella semiparva* Hauer, 1938 (synonym occasionally considered an infrasubspecific variant of *T. parva*)
Testudinella patina (Hermann, 1783): AFR, AUS, NEA, NEO, ORI, PAC, PAL (incl. the infrasubspecific variant *lindbergi* Bērziņš)
 Brachionus patina Hermann, 1783
 Syn.: *Pterodina intermedia* Anderson, 1889
 Syn.: *Testudinella pseudoelliptica* Bartoš, 1951
 Syn.: *Testudinella sculpturata* Bartoš, 1951 (synonym occasionally considered an infrasubspecific variant of *T. patina*)
 Syn.: *Pterodina trilobata* Anderson & Shephard, 1892 (synonym occasionally considered an infrasubspecific variant of *T. patina*)
 Syn.: *Testudinella trilobata haterumensis* Sudzuki, 1992 (*species inquirenda*)
 Syn.: *Testudinella trilobata triangularis* Sudzuki, 1992 (*species inquirenda*)
 Syn.: *Pterodina valvata* Hudson, 1871
Testudinella reflexa (Gosse, 1887): AFR, AUS, NEA, NEO, PAL
 Pterodina reflexa Gosse, 1887
Testudinella robertsonae Koste, 1990: NEO
Testudinella sphagnicola Rudescu, 1960 (*species inquirenda*)
Testudinella stappersi Evans, 1947 (*species inquirenda*)
Testudinella striata (Murray, 1913) (*species inquirenda*)
 Pterodina striata Murray, 1913
Testudinella subdiscoidea De Ridder, 1983: AFR
Testudinella triangularis Myers, 1934: NEA
Testudinella tridentata Smirnov, 1931: AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Testudinella dicella* Myers, 1934
 Syn.: *Testudinella paratridentata* Van, 1961
 Syn.: *Testudinella tridentata africana* Gillard, 1952

- Syn.: *Testudinella tridentata amazonica* Thomasson, 1971
 Syn.: *Testudinella tridentata insulana* Bērziņš, 1982
Testudinella tridentata Smirnov, 1931: AFR, AUS, NEA, NEO, ORI, PAL
Testudinella truncata (Gosse, 1886): AFR, NEA, PAL (incl. the infrasubspecific variants *ecornis*
 Wiszniewski, 1953 and *usmaensis* Bērziņš, 1943)
Pterodina truncata Gosse, 1886
 Syn.: *Pterodina stenoosi* Rundström, 1909
Testudinella unicornuta Koste & Shiel, 1987: AUS
Testudinella vanoyei Gillard, 1947 (*species inquirenda*)
Testudinella walkeri Koste & Shiel, 1980: AUS
Testudinella wuhanensis Sudzuki, 1992 (*species inquirenda*)

***Tetrasiphon* Ehrenberg, 1840**

- Tetrasiphon hydrocora* Ehrenberg, 1840: AFR, AUS, NEA, NEO, ORI, PAL

***Trichocerca* Lamarck, 1801**

- Acanthodactylus* Tessin, 1890 (*non* Wiegmann (1834))
Coelopus Ehrenberg, 1886
Diurella Bory de St. Vincent, 1824
Mastigocerca Ehrenberg, 1830
Monocerca Bory de St. Vincent, 1826
Rattulus Lamarck, 1816
Vaginaria Schrank, 1802

- Trichocerca abilioi* Segers & Sarma, 1993: AFR, NEO, ORI
Trichocerca agnatha Wulfert, 1939: AFR, AUS, PAL
Trichocerca antilopaea (Petr, 1891) (*species inquirenda*)
 Rattulus antilopaeus Petr, 1891
Trichocerca artmanni (Zelinka, 1927) (*species inquirenda*)
 Rattulus artmanni Zelinka, 1927
Trichocerca bambekei (Mola, 1913) (*species inquirenda*)
 Coelopus bambekei Mola, 1913
Trichocerca barsica (Varga & Dudich, 1939) (*species inquirenda*)
 Diurella barsica Varga & Dudich, 1939
Trichocerca bicristata (Gosse, 1887): AFR, AUS, NEA, NEO, ORI, PAC, PAL
 Mastigocerca bicristata Gosse, 1887
Trichocerca bicurvicornis (Mola, 1913) (*species inquirenda*)
 Mastigocerca bicurvicornis Mola, 1913
Trichocerca bicuspis (Pell, 1890): NEA
 Mastigocerca bicuspis Pell, 1890
Trichocerca bidens (Lucks, 1912): AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL
 Diurella bidens Lucks, 1912
 Syn.: *Diurella bidens astriata* Rodewald, 1935
 Syn.: *Trichocerca cavia* auct.

- Trichocerca bilunaris* Blainville, 1830 (*species inquirenda*)
Trichocerca brachydactyla (Glascott, 1893) (*species inquirenda*)
Mastigocerca brachydactyla Glascott, 1893
Trichocerca brachyura (Gosse, 1851): AFR, ANT, AUS, NEA, NEO, ORI, PAL
Monocerca brachyura Gosse, 1851
Syn.: *Rattulus palpitatus* Stokes, 1896
Trichocerca braziliensis (Murray, 1913): AFR, AUS, NEO, ORI
Rattulus braziliensis Murray, 1913
Trichocerca brevidactyla (Daday, 1890) (*species inquirenda*)
Diurella brevidactyla Daday, 1890
Trichocerca brevistyla (Lucks, 1912) (*species inquirenda*)
Diurella brevistyla Lucks, 1912
Trichocerca calypta (Gosse, 1886) (*species inquirenda*)
Rattulus calyptus Gosse, 1886
Trichocerca capucina (Wierzejski & Zacharias, 1893): AFR, AUS, NEA, NEO, ORI, PAL
Mastigocerca capucina Wierzejski & Zacharias, 1893
Syn.: *Mastigocerca hudsoni* Lauterborn, 1893
Trichocerca caspica (Tschugunoff, 1921) (probable synonym of *T. marina*?)
Rattulus caspicus Tschugunoff, 1921
Syn.: *Rattulus caspicus longicaudis* Tschugunoff, 1921
Trichocerca catellus (Müller, 1773) (*species inquirenda*)
Cercaria catellus Müller, 1773
Trichocerca cavia (Gosse, 1886): AFR, AUS, NEA, NEO, ORI, PAL
Coelopus cavia Gosse, 1886
Trichocerca chattoni (de Beauchamp, 1907): AFR, AUS, NEO, ORI, PAL (proposed as subspecies of *T. cylindrica*)
Rattulus chattoni de Beauchamp, 1907
Trichocerca cimolia (Gosse, 1886) (*species inquirenda*)
Rattulus cimolius Gosse, 1886
Trichocerca collaris (Rousselet, 1896): AFR, AUS, NEA, NEO, ORI, PAL
Rattulus collaris Rousselet, 1896
Trichocerca compressa Edmondson, 1938 (*species inquirenda*)
Trichocerca cryptodus (Hauer, 1937) (*species inquirenda*)
Diurella cryptodus Hauer, 1937
Trichocerca cuspidata (Stenoos, 1898) (*species inquirenda*)
Mastigocerca cuspidata Stenoos, 1898
Trichocerca cylindrica (Imhof, 1891): AFR, AUS, NEA, NEO, ORI, PAL
Mastigocerca cylindrica Imhof, 1891
Syn.: *Mastigocerca elegans* Meissner, 1902
Syn.: *Mastigocerca hamata* Zacharias, 1897
Syn.: *Mastigocerca hamata bologonensis* Minkiewicz, 1900
Syn.: *Mastigocerca setifera* Lauterborn, 1893
Trichocerca dixonnuttalli (Jennings, 1903): AFR, AUS, NEA, NEO, ORI, PAL
Diurella dixonnuttalli Jennings, 1903
Trichocerca edmondsoni (Myers, 1936): NEA, NEO
Diurella edmondsoni Myers, 1936

- Syn.: *Trichocerca rossae* Edmondson, 1936
Trichocerca elongata (Gosse, 1886): AFR, AUS, NEA, NEO, ORI, PAL
Mastigocerca elongata Gosse, 1886
Syn.: *Mastigocerca grandis* Stenoos, 1898
Syn.: *Trichocerca tchadiensis* Pourriot, 1968
Trichocerca euodonta (Hauer, 1937) (*species inquirenda*)
Diurella euodonta Hauer, 1937
Trichocerca flagellata Hauer, 1937: AFR, AUS, NEO, ORI, PAL
Trichocerca flava (Voronkov, 1907) (*species inquirenda*)
Rattulus flavus Voronkov, 1907
Trichocerca gillardi Koste, 1978 (*species inquirenda*)
Trichocerca gracilis (Tessin, 1890): AFR, AUS, NEA, NEO, ORI, PAL (*species inquirenda*)
Acanthodactylus gracilis Tessin, 1890
Trichocerca harveyensis Myers, 1942: NEA, PAL
Trichocerca helminthodes (Gosse, 1886) (*species inquirenda*)
Rattulus helminthodes Gosse, 1886
Trichocerca heterodactyla (Tschugunoff, 1921) (*species inquirenda*)
Diurella heterodactyla Tschugunoff, 1921
Trichocerca hollaerti De Smet, 1990: AFR, NEO, ORI, PAC
Trichocerca iernis (Gosse, 1887): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Mastigocerca iernis Gosse, 1887
Trichocerca inermis (Linder, 1904) (*species inquirenda*)
Coelopus inermis Linder, 1904
Trichocerca insignis (Herrick, 1885): AFR, AUS, NEA, NEO, PAC, PAL
Diurella insignis Herrick, 1885
Trichocerca insolens (Myers, 1936): NEA
Diurella insolens Myers, 1936
Trichocerca insulana (Hauer, 1937): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Diurella insulana Hauer, 1937
Syn.: *Trichocerca montana* Hauer, 1956
Trichocerca intermedia (Stenoos, 1898): AUS, NEA, NEO, PAC, PAL
Coelopus intermedius Stenoos, 1898
Syn.: *Trichocerca intermedia arenosa* Wiszniewski, 1953
Trichocerca jobloti Bory de St. Vincent, 1827 (*species inquirenda*)
Trichocerca kostei Segers, 1993: AFR, NEO, ORI
Trichocerca lata (Jennings, 1894): NEA
Mastigocerca lata Jennings, 1894
Trichocerca longiseta (Schrank, 1802): AFR, AUS, NEA, NEO, ORI, PAL
Vaginaria longiseta Schrank, 1802
Syn.: *Mastigocerca auchinlecki* Stewart, 1908
Syn.: *Monocerca bicornis* Ehrenberg, 1832
Syn.: *Monocerca cornuta* Eyferth, 1878
Syn.: *Trichocerca falx* Edmondson, 1936 (synonym is a newly hatched specimen)
Trichocerca longistyla (Olofsson, 1918): PAL
Diurella longistyla Olofsson, 1918
Syn.: *Trichocerca parvula* Carlin, 1939

- Trichocerca lophoessa* (Gosse, 1886): AFR, AUS, NEA, NEO, ORI, PAL
 Mastigocerca lophoessa Gosse, 1886
 Syn.: *Mastigocerca rectocaudis* Hilgendorf, 1899
Trichocerca macera (Gosse, 1886): AFR, AUS, NEA, PAL
 Mastigocerca macera Gosse, 1886
 Syn.: *Mastigocerca fusiformis* Levander, 1894
Trichocerca maior (Hauer, 1935): NEA, PAL (proposed as infrasubspecific variant of *T. porcellus*)
 Diurella maior Hauer, 1935
 Syn.: *Diurella porcellus carinata* Myers, 1936
Trichocerca marina (Daday, 1890) (Marine species)
 Diurella marina Daday, 1890
 Syn.: *Mastigocerca curvata* Levander, 1894 (synonym occasionally listed as subspecies of *T. marina*)
 Syn.: *Mastigocerca dubia* Lauterborn, 1894
 Syn.: *Rattulus hensenii* Zelinka, 1907
 Syn.: *Rattulus liepetterseni* de Beauchamp, 1907 (proposed as ssp.)
Trichocerca microstyla (Daday, 1901) (*species inquirenda*)
 Mastigocerca microstyla Daday, 1901
Trichocerca minuta (Gosse, 1886) (*species inquirenda*)
 Coelopus minutus Gosse, 1886
Trichocerca mollis Edmondson, 1936: NEA, NEO
Trichocerca mucosa (Stokes, 1896): NEA (*non T. bicristata mucosa* auct.)
 Mastigocerca mucosa Stokes, 1896
Trichocerca mucripes Ahlstrom, 1938 (*species inquirenda*)
Trichocerca multicrinis (Kellicott, 1897): NEA, NEO (down to Panama)
 Mastigocerca multicrinis Kellicott, 1897
Trichocerca murchiearum Edmondson, 1936 (*species inquirenda*)
Trichocerca mus Hauer, 1938: AUS, NEA, NEO, ORI, PAL
Trichocerca musculus (Hauer, 1937): AFR, AUS, NEA, PAL
 Diurella musculus Hauer, 1937
 Syn.: *Diurella parva* Rodewald, 1935 (*non Manfredi (1927)*)
Trichocerca myersi (Hauer, 1931): AFR, AUS, NEA, NEO, ORI, PAL
 Diurella myersi Hauer, 1931
 Syn.: *Diurella tortuosa* Myers, 1936
Trichocerca nitida Harring, 1914 (*species inquirenda*)
Trichocerca obtusidens (Olofsson, 1918): NEA, NEO, PAC, PAL
 Diurella obtusidens Olofsson, 1918
 Syn.: *Trichocerca arctica* Voigt, 1957
 Syn.: *Trichocerca minuta* Olofsson, 1918 (*non Gosse (1886)*)
 Syn.: *Trichocerca relicta* Donner, 1950
Trichocerca orca (Murray, 1913): AUS, ORI
 Rattulus orca Murray, 1913
Trichocerca ornata Myers, 1934: NEA
Trichocerca pediculus Remane, 1949 (Marine species)
Trichocerca plaka Myers, 1938: NEA
Trichocerca platessa Myers, 1934: NEA
Trichocerca porcellus (Gosse, 1851): AFR, AUS, NEA, NEO, ORI, PAL

- Monocerca porcellus* Gosse, 1851
 Syn.: *Acanthodactylus tigris* Tessin, 1890 (*non* Müller (1786))
Trichocerca pusilla (Jennings, 1903): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Rattulus pusillus Jennings, 1903
Trichocerca pygocera (Wiszniewski, 1932): PAL
Diurella pygocera Wiszniewski, 1932
Trichocerca rattus (Müller, 1776): AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL
Trichoda rattus Müller, 1776
 Syn.: *Rattulus carinatus* Lamarck, 1816 (synonym considered an infrasubspecific variant of *T. rattus*, as *T. rattus f. carinata*)
 Syn.: *Trichoda criceta* Schrank, 1803
 Syn.: *Trichocerca cristata* Harring, 1913 (nom. nov. for *Mastigocerca carinata* Ehrenberg, 1830 *non* Lamarck, 1816)
 Syn.: *Brachionus cylindricus* Schrank, 1776
 Syn.: *Monocerca longicauda* Bory de St. Vincent, 1826
 Syn.: *Trichocerca minor* Fadeew, 1925 (synonym considered an infrasubspecific variant of *T. rattus*)
Trichocerca rectangularis Evans, 1947 (*species inquirenda*)
Trichocerca ripli Bērziņš, 1973 (*species inquirenda*)
Trichocerca rosea (Stenoos, 1898): AUS, NEA, NEO, PAL
Mastigocerca rosea Stenoos, 1898
Trichocerca rotundata Myers, 1937: NEA
Trichocerca rousseleti (Voigt, 1902): AFR, AUS, NEA, ORI, PAL
Coelopus rousseleti Voigt, 1902
 Syn.: *Mastigocerca minima* Skorikov, 1903
Trichocerca ruttneri Donner, 1953: AFR, AUS, NEA, NEO, ORI, PAL
Trichocerca scipio (Gosse, 1886): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Mastigocerca scipio Gosse, 1886
 Syn.: *Trichocerca jenningsi* Voigt, 1957
Trichocerca sejunctipes (Gosse, 1886) (*species inquirenda*)
Rattulus sejunctipes Gosse, 1886
Trichocerca siamensis Segers & Pholpunthin, 1997: NEA, NEO, ORI
Trichocerca similis (Wierzejski, 1893)
Coelopus similis Wierzejski, 1893
Trichocerca similis grandis Hauer, 1965: AFR, AUS, NEO
Trichocerca similis similis (Wierzejski, 1893): AFR, AUS, NEA, NEO, ORI, PAC, PAL
 Syn.: *Rattulus bicornis* Western, 1893 (*non* Ehrenberg (1832))
 Syn.: *Mastigocerca birostris* Minkiewisz, 1900
 Syn.: *Mastigocerca blinci* Linder, 1904
 Syn.: *Diurella stylata* Eyferth, 1878 (*non* Gosse (1851))
 Syn.: *Mastigocerca wolgensis* Meissner, 1902
Trichocerca simoneae De Smet, 1990: AFR, NEO, ORI, PAC, PAL (unpublished European records)
Trichocerca stylata (Gosse, 1851): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Monocerca stylata Gosse, 1851
Trichocerca sulcata (Jennings, 1894): AUS, NEA, NEO, PAL
Rattulus sulcatus Jennings, 1894
 Syn.: *Rattulus cryptopus* Bilfinger, 1894

- Trichocerca taurocephala* (Hauer, 1931): NEA, PAL
Diurella taurocephala Hauer, 1931
- Trichocerca tenuidens* (Hauer, 1931) (*species inquirenda*)
Diurella tenuidens Hauer, 1931
- Trichocerca tenuior* (Gosse, 1886): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Coelopus tenuior Gosse, 1886
Syn.: *Mastigocerca flectocaudatus* Hilgendorf, 1899
Syn.: *Trichocerca neeli* Edmondson, 1948
- Trichocerca tigris* (Müller, 1786): AFR, ANT, AUS, NEA, NEO, ORI, PAC, PAL
Trichoda tigris Müller, 1786
Syn.: *Heterognathus macrodactylus* Schmarda, 1859
- Trichocerca uncinata* (Voigt, 1902): NEA, PAL
Coelopus uncinatus Voigt, 1902
- Trichocerca unidens* (Stenoos, 1898) (*species inquirenda*)
Mastigocerca unidens Stenoos, 1898
- Trichocerca valga* (Ehrenberg, 1834) (*species inquirenda*)
Monocerca valga Ehrenberg, 1834
- Trichocerca vargai* Wulfert, 1961: PAL
- Trichocerca vassilijevae* Kutikova & Arov, 1985
- Trichocerca vernalis* (Hauer, 1936): AUS, NEA, ORI, PAL
Diurella vernalis Hauer, 1936
- Trichocerca voluta* (Murray, 1913): NEO, ORI
Diurella voluta Murray, 1913
Syn.: *Trichocerca tropis* Hauer, 1937
- Trichocerca wanarra* Segers & Shiel, 2003: AUS
- Trichocerca weberi* (Jennings, 1903): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Diurella weberi Jennings, 1903
- Trichocerca weberi* (Jennings, 1903): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Diurella weberi Jennings, 1903

***Trichotria* Bory de St. Vincent, 1827**

- Dinocharis* Ehrenberg, 1830
- Trichotria buchneri* Koste, Shiel & Tan, 1988: AFR
- Trichotria curta* (Skorikov, 1914): PAL
Dinocharis curta Skorikov, 1914
- Trichotria eukosmeta* Myers, 1934: NEA
- Trichotria pocillum* (Müller, 1776): AFR, AUS, NEA, NEO, ORI, PAL
Trichoda pocillum Müller, 1776
Syn.: *Dinocharis pocillum bergi* Meissner, 1908
Syn.: *Dinocharis pocillum hudsoni* Varga, 1930
Syn.: *Dinocharis pocillum majus* Varga, 1930
Syn.: *Furcularia stentorea* Bory de St. Vincent, 1825
- Trichotria pseudocurta* Koste, Shiel & Tan, 1988: AUS
- Trichotria tetractis* (Ehrenberg, 1830) (includes the infrasubspecific variant *turfacea* Petr, 1890)
Dinocharis tetractis Ehrenberg, 1830

Trichotria tetractis caudata (Lucks, 1912): AFR, NEA, NEO, ORI, PAL (may be a mere infrasubspecific variant)

Dinocharis tetractis caudata Lucks, 1912

Trichotria tetractis similis (Stenoos, 1898): AFR, AUS, NEA, NEO, ORI, PAL (may be a mere infrasubspecific variant)

Dinocharis tetractis similis Stenoos, 1898

Trichotria tetractis strumosa Sudzuki & Huang, 1997 (Described as *Trichotria similis strumosa*. *species inquirenda*)

Trichotria tetractis tetractis (Ehrenberg, 1830): AFR, AUS, NEA, NEO, ORI, PAC, PAL

Syn.: *Dinocharis pauper* Ehrenberg, 1830 (*T. paupera* auct. (lapsus))

Syn.: *Dinocharis quadrangularis* Stirnemann, 1926

Trichotria truncata (Whitelegge, 1889): AUS, NEA, PAL (includes the infrasubspecific variant *aspinosa* Rodewald, 1934)

Dinocharis truncatum Whitelegge, 1889

Syn.: *Trichotria cornuta* Myers, 1938

Syn.: *Dinocharis intermedia* Bergendal, 1892

Trichotria zanclum Bērziņš, 1982 (*species inquirenda*)

***Tripleuchlanis* Myers, 1930**

Tripleuchlanis plicata (Levander, 1894): AFR, AUS, NEA, NEO, ORI, PAC, PAL

Euchlanis plicata Levander, 1894

***Trochospaera* Semper, 1872**

Trochospaera aequatorialis Semper, 1872: AUS, NEA, NEO, ORI, PAL

Trochospaera solstitialis Thorpe, 1893: AFR, NEA, ORI, PAL

***Tylotrocha* Harring & Myers, 1922**

Tylotrocha monopus (Jennings, 1894): NEA, PAL

Notomma monopus Jennings, 1894

***Wierzejskiella* Wiszniewski, 1934**

Wierzejskiella ambigua (Tzschaschel, 1979) (marine psammon)

Encentrum ambiguum Tzschaschel, 1979

Wierzejskiella elongata (Glascott, 1893): NEA, PAL

Diglena elongata Glascott, 1893

Syn.: *Encentrum lineatum* Tzschaschel, 1979 (*E. lineatum* Tzschaschel erroneously proposed as *nom. nov.* for *E. elongatum* (Wiszniewski) *non* Harring & Myers)

Wierzejskiella marina Remane, 1949 (marine psammon)

Syn.: *Encentrum wierzejskii* Tzschaschel, 1979 (*E. wierzejskii* Tzschaschel proposed as *nom. nov.* for *E. marinum* (Remane) *non* Dujardin)

Wierzejskiella ricciae (Harring, 1913): NEA, PAL

Encentrum ricciae Harring, 1913
Wierzejskiella sabulosa (Wiszniewski, 1932): PAL
 Encentrum sabulosum Wiszniewski, 1932
Wierzejskiella subterranea Remane, 1949 (marine psammon)
Wierzejskiella vagneri Koniar, 1955: PAL
Wierzejskiella velox (Wiszniewski, 1932): AUS, NEA, PAL
 Encentrum velox Wiszniewski, 1932
Syn.: *Wierzejskiella fluviatilis* Neiswestnowa-Shadina, 1935

***Wigrella* Wiszniewski, 1932**

Wigrella amphora (Remane, 1929) (marine psammon)
 Encentrum amphora Remane, 1929
Wigrella depressa Wiszniewski, 1932: PAL

***Wolga* Skorikov, 1903**

Wolga spinifera (Western, 1894): AFR, AUS, NEA, NEO, ORI, PAL
 Distyla spinifera Western, 1894
Syn.: *Cathypna spinifera* Murray, 1913

***Wulfertia* Donner, 1943**

Wulfertia kindensis Koste & Tobias, 1990: ORI
Wulfertia kivuensis De Smet, 1992: AFR
Wulfertia ornata Donner, 1943: AFR, NEA, PAC, PAL

***Zelinkiella* Harring, 1913**

Zelinkiella synaptae (Zelinka, 1887) (marine)
 Discopus synaptae Zelinka, 1887