

A Check List of the Ostracoda of New Zealand

STEPHEN H. EAGAR

Victoria University of Wellington

[Received by the Editor, 6 May 1970]

Abstract

A check list of all living species of Ostracoda so far recorded from New Zealand, with revised names, is given in taxonomic order. A complete bibliography is included.

INTRODUCTION

THE study of the living Ostracoda to be found in and around New Zealand has been pursued, for the most part, by workers of diverse nationalities and the resulting descriptions are to be found in equally diverse, and sometime obscure, publications. For this reason it is time-consuming and laborious to trace the various records of the species which have been described. However, some efforts have been made in the present century to remedy the situation. Hutton (1904) was the first person to gather the records of the species of the New Zealand fauna and within it he listed some forty-seven species of Ostracoda. This record was accurate for the period covered. A lesser attempt was made by Benson (1965), but his list included only the marine Podocopida and Platycopida and was incidental to his primary study which was of a biogeographical and environmental nature. The list is not complete, even for these orders. The lists of species given in Hornibrook (1952a) under the headings of origin, distribution and affinities, although in themselves useful, were only for the species encountered in his samples. Hornibrook (1952c) analysed, but did not list, the living marine Ostracoda in terms of their fossil record and was of the opinion that the Recent fauna "was established well back in the Tertiary". A review of the freshwater species by Chapman (1963) included a check list which again was incomplete, for two more species were known at that time. Barclay (1968), together with the present list makes the necessary additions.

The geographical limits of the species under consideration are as bounded by the chart "New Zealand Bathymetry" (Lawrence, 1967) with the exception of the islands in the north-west and south-west. The check list below has been arranged in taxonomic order. It will be seen that there is much scope for work on the taxa as several of them are left under open nomenclature, while other species await the election of lectotypes, and many still require figuring and describing fully. This is not an exhaustive list of synonymies, nor, indeed, of every reference to a particular species, since only those references pertinent to the New Zealand fauna are included. The end of the year 1969 has been used as a terminus; a revision of this list will, therefore, date from the commencement of 1970.

TAXONOMY

Certain names have only provisional taxonomic placings because of the nature of their references. These names are indicated by an asterisk. New combinations are marked with a dagger.

Subclass **OSTRACODA** Latreille, 1806

Order **PALAEOCOPIIDA** Henningsmoen, 1953

Suborder **BEYRICHICOPINA** Scott, 1964

? Superfamily **Punciacea** Hornibrook, 1949

Family **PUNCIIDAE** Hornibrook, 1949

Genus **Puncia** Hornibrook, 1949

Puncia novozealandica Hornibrook: *P. novozealandica* Hornibrook, 1949, 1963.

Genus **Manawa** Hornibrook, 1949

Manawa tryphena Hornibrook: *M. tryphena* Hornibrook, 1949, 1963.

Order **PODOCOPIDA** Müller, 1894

Suborder **PODOCOPINA** Sars, 1866

Superfamily **Bairdiacea** Sars, 1887

Family **BAIRDIIDAE** Sars, 1887

Subfamily **Bairdiinae** Sars, 1887

Genus **Neonesidea** Maddocks, 1969

***Neonesidea amygdaloides** (Brady): *Bairdia amygdaloides* Brady: Hornibrook, 1952a.

***Neonesidea crosskeiana** (Brady): *Bairdia crosskeiana* Brady: Hornibrook, 1952a.

†***Neonesidea expansa** (Brady): *Bairdia expansa* Brady: Hornibrook, 1952a.

***Neonesidea fusca** (Brady): *Bairdia fusca* Brady: Hornibrook, 1952a.

†**Neonesidea** n.sp.: *Bairdia ovata* Bosquet Brady, 1880; Hornibrook, 1952a.

Genus **Bairdoppilata** Coryell, Sample and Jennings, 1935

Subgenus **Bairdoppilata** Coryell, Sample and Jennings, 1935

Bairdoppilata (Bairdoppilata?) **villosa** (Brady): *B. (B.?) villosa* (Brady) Maddocks, 1969.

Subfamily **Bythocypridinae** Maddocks, 1969

Genus **Bythocypris** Brady, 1880

***Bythocypris reniformis** Brady: *B. reniformis* Brady: Hornibrook, 1952a.

Genus **Anchistrocheles** Brady and Norman, 1889

Anchistrocheles aff. angulata (Brady): *Bairdia aff. angulata* Brady: Hornibrook, 1952a; *Anchistrocheles? angulata* (Brady) Maddocks, 1969.

Anchistrocheles ? aff. fumata Brady: *A.? aff. fumata* Brady: Hornibrook, 1952a.

Family **MACROCYPRIDIDAE** Müller, 1912

Genus **Macrocypris** Brady, 1868

***Macrocypris cf. decora** Brady: *M. cf. decora* Brady: Hornibrook, 1952a.

Macrocypris tumida Brady: *M. tumida* Brady, 1880.

***Macrocypris** n.sp.: *Macrocypris sp.* Hornibrook, 1952a.

Superfamily **Cypridacea** Baird, 1850

Family **CYPRIDIDAE** Baird, 1850

Subfamily **Cypridinae** Baird, 1850

Genus **Cypris** O. F. Müller, 1776

Cypris kaiapoensis Chapman: *C. kaiapoensis* Chapman, 1963.

Genus **Cyprinotus** Brady, 1866

Cyprinotus sarsi Brady: *C. sarsi* Brady, 1898; Chapman, 1963.

Cyprinotus flavescens Brady: *C. flavescens* Brady, 1898; Chapman, 1963.

Genus **Eucypris** Vavra, 1891

Eucypris sanguineus (Chapman): *Cypricercus sanguineus* Chapman, 1963.

Eucypris thomsoni Chapman: *E. thomsoni* Chapman, 1963.

Eucypris pratensis Eagar: *E. virens* Jurine: Barclay, 1968.

- Genus **Heterocypris** Claus, 1893
 †**Heterocypris ciliata** (Thomson): *Cypris ciliata* Thomson, 1879; *Cypris sydneya* King: Sars, 1894; *Cyprinotus incongruens* (Ramdohr) Chapman, 1963.
- Genus **Mesocypris** Daday, 1908
Mesocypris audax Chapman: *M. audax* Chapman, 1961, 1963.
- Genus **Scottia** Brady and Norman, 1889
Scottia insularis Chapman: *S. insularis* Chapman, 1963.
- Subfamily Cypridopsinae Kaufmann, 1900
 Genus **Cypridopsis** Brady, 1868
Cypridopsis jolleae Chapman: *C. jolleae* Chapman, 1963.
Cypridopsis obstinata Barclay: *C. obstinata* Barclay, 1968.
Cypridopsis vidua (Müller): *C. vidua* (Müller) Barclay, 1968.
- Genus **Cypretta** Vavra, 1895
Cypretta turgida (Sars): *Cypridopsis minna* (King) Sars, 1894; *Cypridopsis turgida* Sars, 1896 [Sars nom. nov.]; *Cypretta sarsi* Brady, 1902 [Brady nom. nov.]; *Cypretta turgida* (Sars) Chapman, 1963.
Cypretta viridis (Thomson): *Cypris viridis* Thomson, 1879; *Cypridopsis viridis* (Thomson) Sars, 1894; *Cypris viridis* Thomson: Brady, 1898; *Cypridopsis viridis* (Thomson) Hornibrook, 1955; *Cypretta viridis* (Thomson) Chapman, 1963.
- Genus **Potamocypris** Brady, 1870
 ***Potamocypris** n.sp.: *Potamocypris* sp. Hornibrook, 1955.
- Subfamily Candoninae Kaufmann, 1900
 Genus **Candona** Baird, 1845
Candona aotearoa Chapman: *C. aotearoa* Chapman, 1963.
Candona inexpecta Chapman: *C. inexpecta* Chapman, 1963.
- Genus **Candonocypris** Sars, 1894
 †**Candonocypris novaezelandiae** (Baird): *Cypris novaezelandiae* Baird, 1843; *Candonocypris candonoides* (King) Sars, 1894; Chapman, 1963.
Candonocypris assimilis Sars: *C. assimilis* Sars, 1894; Hornibrook, 1955; Chapman, 1963.
- Genus **Herpetocypris** Brady and Norman, 1889
Herpetocypris pascheri Brehm: *H. pascheri* Brehm, 1929; Chapman, 1963.
- Genus **Ilyodromus** Sars, 1894
Ilyodromus stanleyanus (King): *I. stanleyanus* (King) Sars, 1894; Hornibrook, 1955; Chapman, 1963.
Ilyodromus obtusus Sars: *I. obtusus* Sars, 1894; Chapman, 1963.
Ilyodromus smaragdinus Sars: *I. smaragdinus* Sars, 1894; Chapman, 1963.
Ilyodromus substriatus Sars: *I. substriatus* Sars, 1894; Chapman, 1963.
Ilyodromus varrovillius (King): *I. varrovillius* (King) Sars, 1894; Chapman, 1963.
- Genus **Prionocypris** Brady and Norman, 1896
Prionocypris marplei Chapman: *P. marplei* Chapman, 1963.
- Genus **Paracypria** Sars, 1910
Paracypria tenuis (Sars): *Paracypris tenuis* Sars, 1905.
- Family ILYOCYPRIDIDAE Kaufmann, 1900
 Subfamily Ilyocypridinae Kaufmann, 1900
 Genus **Ilyocypris** Brady and Norman 1889
Ilyocypris fallax Brehm: *I. fallax* Brehm, 1929; Chapman, 1963; *I. cf. fallax* Brehm: Barclay, 1968.

Family NOTODROMADIDAE Kaufmann, 1900

Genus *Newnhamia* King, 1855*Newnhamia fenestrata* King: *N. fenestrata* King: Brady, 1906; Brehm, 1929; Hornibrook, 1955; Chapman, 1963; Barclay, 1968.

Family PARACYPRIDIDAE Sars, 1923

Genus *Phlyctenophora* Brady, 1880.*Phlyctenophora zealandica* Brady: *P. zealandica* Brady, 1880; ? *Paracypris polita* Sars: Brady, 1880.

Family PONTOCYPRIDIDAE Müller, 1894

Genus *Propontocypris* Sylvester-Bradley, 1947Subgenus *Schedopontocypris* Maddocks, 1969*Propontocypris* (*Schedopontocypris*?) n.sp.: *Schedopontocypris*? species 3 Maddocks, 1969b.Genus *Argilloecia* Sars, 1866*Argilloecia clavata* (Brady): *Aglaiia clavata* Brady, 1880; *Aglaiocypris clavata* (Brady) Hornibrook, 1952a; *Argilloecia clavata* (Brady) Maddocks, 1969b.*Argilloecia eburnea* Brady: *A. eburnea* Brady: Hornibrook, 1952a.

Superfamily Darwinulacea Brady and Norman, 1889

Family DARWINULIDAE Brady and Norman, 1889

Genus *Darwinula* Brady and Robertson, 1885*Darwinula reposita* Chapman: *Darwinula* sp. Hornibrook, 1955; *D. reposita* Chapman, 1963.*Darwinula sphagna* Barclay: *D. sphagna* Barclay, 1968.

Superfamily Cytheracea Baird, 1850

Family CYTHERIDAE Baird, 1850

Genus *Loxocythere* Hornibrook, 1952*Loxocythere crassa* Hornibrook: *L. crassa* Hornibrook, 1952a.*Loxocythere kingi* Hornibrook: *L. kingi* Hornibrook, 1952a.*Loxocythere* sp.: Hornibrook, 1952a.

Family BRACHYCYTHERIDAE Puri, 1954

Genus *Pterygocythereis* Blake, 1933**Pterygocythereis*? aff. *suhni* (Brady): *P.*? aff. *suhni* (Brady) Hornibrook, 1952a.

Family BYTHOCYTHERIDAE Sars, 1926

Genus *Bythocythere* Sars, 1866*Bythocythere arenacea* Brady: *B. arenacea* Brady: Hornibrook, 1952a.Genus *Bythoceratina* Hornibrook, 1952*Bythoceratina tuberculata* Hornibrook: *B. tuberculata* Hornibrook, 1952a.*Bythoceratina utilazea* Hornibrook: *B. utilazea* Hornibrook, 1952a.*Bythoceratina edwardsoni* Hornibrook: *B. edwardsoni* Hornibrook, 1952a.*Bythoceratina powelli* Hornibrook: *B. powelli* Hornibrook, 1952a.*Bythoceratina maoria* Hornibrook: *B. maoria* Hornibrook, 1952a.*Bythoceratina fragilis* Hornibrook: *B. fragilis* Hornibrook, 1952a.*Bythoceratina mestayerae* Hornibrook: *B. mestayerae* Hornibrook, 1952a.*Bythoceratina decepta* Hornibrook: *B. decepta* Hornibrook, 1952a.Genus *Miracythere* Hornibrook, 1952*Miracythere novaspecta* Hornibrook: *M. novaspecta* Hornibrook, 1952a.

Family CYTHERIDEIDAE Sars, 1925

Subfamily Cytherideinae Sars, 1925

"Cytheridea" *aoteana* Hornibrook: *C. aoteana* Hornibrook, 1952a. (This species requires the erection of a new genus.)

Subfamily Eucytherinae Puri, 1954

Genus **Eucythere** Brady, 1868

Subgenus **Rotundracythere** Mandelstam, 1958

†**Eucythere** (**Rotundracythere**) **gravepuncta** Hornibrook: *E. gravepuncta* Hornibrook, 1952a.

†**Eucythere** (**Rotundracythere**) **inaequa** Hornibrook: *E. inaequa* Hornibrook, 1952a.

†**Eucythere** (**Rotundracythere**) **mytila** Hornibrook: *E. mytila* Hornibrook, 1952a.
Eucythere (**Rotundracythere**) **rotunda** Hornibrook: *E. rotunda* Hornibrook, 1952a.

†**Eucythere** (**Rotundracythere**) **subovalis** Hornibrook: *E. subovalis* Hornibrook, 1952a.

Subfamily Krithinae Mandelstam, 1958

Genus **Krithe** Brady, Crosskey and Robertson, 1894

Krithe producta Brady: *K. producta* Brady, 1880; Chapman, 1906.

Subfamily Neocytherideidinae Puri, 1957

Genus **Copytus** Skogsberg, 1939

†**Copytus novaezealandiae** (Brady): *Cytherideis novaezealandiae* Brady, 1898; Hornibrook, 1952a; *Copytus rara* McKenzie, 1967.

Family CYTHERURIDAE Müller, 1894

Genus **Cytheropteron** Sars, 1866

Subgenus **Cytheropteron** Sars, 1866

Cytheropteron (**Cytheropteron**) **acutangulum** Hornibrook: *C. acutangulum* Hornibrook, 1952a.

Cytheropteron (**Cytheropteron**) **confusum** Hornibrook: *C. confusum* Hornibrook, 1952a.

Cytheropteron (**Cytheropteron**) **curvicaudum** Hornibrook: *C. curvicaudum* Hornibrook, 1952a.

Cytheropteron (**Cytheropteron**) **dividentum** Hornibrook: *C. dividentum* Hornibrook, 1952a.

Cytheropteron (**Cytheropteron**) **fornix** Hornibrook: *C. fornix* Hornibrook, 1952a.

Cytheropteron (**Cytheropteron**) **improbum** Hornibrook: *C. improbum* Hornibrook, 1952a.

Cytheropteron (**Cytheropteron**) **latisalpum** Hornibrook: *C. latisalpum* Hornibrook, 1952a.

Cytheropteron (**Cytheropteron**) **obtusalum** Hornibrook: *C. obtusalum* Hornibrook, 1952a.

Cytheropteron (**Cytheropteron**) **terecaudum** Hornibrook: *C. terecaudum* Hornibrook, 1952a.

Cytheropteron (**Cytheropteron**) **vertex** Hornibrook: *C. vertex* Hornibrook, 1952a.

Cytheropteron (**Cytheropteron**) **wellingtoniense** Brady: *C. wellingtoniense* Brady, 1880.

Cytheropteron (**Cytheropteron**) **wellmani** Hornibrook: *C. wellmani* Hornibrook, 1952a.

Cytheropteron (**Cytheropteron**) **willetti** Hornibrook: *C. willetti* Hornibrook, 1952a.

Subgenus **Aversovalva** Hornibrook, 1952

Cytherpteron (**Aversovalva**) **aureum** Hornibrook: *A. aureum* Hornibrook, 1952a.

Genus **Hemicytherura** Elofson, 1941

Subgenus **Hemicytherura** Elofson, 1941

Hemicytherura (**Hemicytherura**) **aucklandica** Hornibrook: *H. aucklandica* Hornibrook, 1952a.

- Hemicytherura** (**Hemicytherura**) **delicatula** Hornibrook: *H. delicatula* Hornibrook, 1952a.
Hemicytherura (**Hemicytherura**) **fereplana** Hornibrook: *H. fereplana* Hornibrook, 1952a.
Hemicytherura (**Hemicytherura**) **gravis** Hornibrook: *H. gravis* Hornibrook, 1952a.
Hemicytherura (**Hemicytherura**) **pandorae** Hornibrook: *H. pandorae* Hornibrook, 1952a.
Hemicytherura (**Hemicytherura**) **pentagona** Hornibrook: *H. pentagona* Hornibrook, 1952a.
Hemicytherura (**Hemicytherura**) **quadrazea** Hornibrook: *H. quadrazea* Hornibrook, 1952a.

Subgenus **Kangarina** Coryell and Fields, 1937

- Hemicytherura** (**Kangarina**) **radiata** (Hornibrook): *Hemicytherura radiata* Hornibrook, 1952a.

Genus **Semicytherura** Wagner, 1957

- Semicytherura sericava** (Hornibrook): *Cytherura sericava* Hornibrook, 1952a.
Semicytherura hexagona (Hornibrook): *Cytherura hexagona* Hornibrook, 1952a.
†**Semicytherura** n.sp.: *Cytherura clausi* Brady: Hornibrook, 1952a.
†**Semicytherura** n.sp.: *Cytherura costellata* Brady: Hornibrook, 1952a.

Family **HEMICYTHERIDAE** Puri, 1953

Genus **Bradleya** Hornibrook, 1952

- Bradleya arata** (Brady): *Cythere arata* Brady, 1880; *B. arata* (Brady) Hornibrook, 1952a; Moos, 1965.
Bradleya cuneazea Hornibrook: *B. cuneazea* Hornibrook, 1952a.
Bradleya deltoides (Brady): *B. deltoides* (Brady) Hornibrook, 1952a.
Bradleya reticlava Hornibrook: *B. reticlava* Hornibrook, 1952a.
Bradleya wyvillethomsoni (Brady): *B. wyvillethomsoni* (Brady) Hornibrook, 1952a; Hornibrook, 1952b.
Bradleya n.sp.: *Cythere dictyon* Brady: Chapman, 1906; *Bradleya dictyon* (Brady) Hornibrook, 1952a; Hornibrook, 1952b.

Genus **Quadracythere** Hornibrook, 1952

- Quadracythere biruga** Hornibrook: *Q. biruga* Hornibrook, 1952a; Moos, 1965.
Quadracythere mediaruga Hornibrook: *Q. mediaruga* Hornibrook, 1952a.
Quadracythere truncula (Brady): *Cythere truncula* Brady, 1898; *Quadracythere truncula* (Brady) Hornibrook, 1952a.

Genus **Hemicythere** Sars, 1925

- Hemicythere foveolata** (Brady): *H. foveolata* (Brady) Hornibrook, 1952a; Hornibrook, 1952b.
Hemicythere fulvotincta (Brady): *H. fulvotincta* (Brady) Hornibrook, 1952a.
Hemicythere kerguelensis (Brady): *H. kerguelensis* (Brady) Hornibrook, 1952a.
“**Cythere**” **brunnea** (Brady): *Cythere brunnea* Brady, 1898.
(This species requires the erection of a new genus).
“**Cythere innominata** (Brady): *Cythere truncata* Thomson, 1879; *C. innominata* Brady, 1898 [nom. nov.]; *C. innominata* Brady: Thomson, 1921; *Hemicythere innominata* (Brady) Hornibrook, 1952a.
(This species requires the erection of a new genus).

Family **LEPTOCYTHERIDAE** Hanai, 1957

Genus **Callistocythere** Ruggieri, 1953

- †***Callistocythere demissa** (Brady): *Leptocythere demissa* (Brady) Hornibrook, 1952a.

- †**Callistocythere mosleyi* (Brady): *Leptocythere mosleyi* (Brady) Hornibrook, 1952a.
- †*Callistocythere murrayana* (Brady): *Cythere murrayana* Brady, 1880; *Leptocythere murrayana* (Brady) Hornibrook, 1952a.
- Callistocythere puri* McKenzie: *Leptocythere aff. canaliculata* (Reuss) Hornibrook, 1952a.
- **Callistocythere* n.sp.: *Leptocythere crispata* (Brady) Hornibrook, 1952a.
- **Callistocythere* sp.: *Leptocythere sp.* Hornibrook, 1952a.
- Family LIMNOCYTHERIDAE Klie, 1938
- Genus *Gomphocythere* Sars, 1924
- **Gomphocythere duffi* (Hornibrook): *Limnocythere duffi* Hornibrook, 1955; Chapman, 1963; *Gomphocythere duffi* (Hornibrook) Barclay, 1968.
- **Gomphocythere problematica* (Brehm): *Limnocythere problematica* Brehm, 1932. *Gomphocythere problematica* (Brehm) Brehm, 1939.
- Family LOXOCONCHIDAE Sars, 1925
- Genus *Loxoconcha* Sars, 1866
- Loxoconcha cumula* (Brady): *L. cumula* (Brady) Hornibrook, 1952a.
- Loxoconcha punctata* Thomson: *L. punctata* Thomson, 1879; Brady, 1898; Thomson, 1921; Hornibrook, 1952a.
- Genus *Hemicytheridea* Kingma, 1948
- †*Hemicytheridea mosaica* (Hornibrook): *Cytheridea mosaica* Hornibrook, 1952a.
- Family PARADOXOSTOMATIDAE Brady and Norman, 1889
- Subfamily Paradoxostomatinae Brady and Norman, 1889
- Genus *Paradoxostoma* Fischer, 1855
- **Paradoxostoma* spp.: Hornibrook, 1952a.
- Genus *Sclerochilus* Sars, 1866
- †*Sclerochilus littoralis* (Thomson): *Cypris littoralis* Thomson, 1879; *Sclerochilus contortus* (Norman) Brady, 1880.
- Family TRACHYLEBERIDIDAE Sylvester-Bradley, 1948
- Genus *Trachyleberis* Brady, 1898
- Trachyleberis* cf. *hamigera* (Brady): *T. hamigera* (Brady) Hornibrook, 1952b.
- Trachyleberis lytteltonensis* Harding and Sylvester-Bradley: *T. scabrocuneata* (Brady) Brady, 1898; Hornibrook, 1952; *T. lytteltonensis* Harding and Sylvester-Bradley, 1953.
- **Trachyleberis melobesoides* (Brady): *T. melobesoides* (Brady) Hornibrook, 1952a.
- †*Trachyleberis scutigera* (Brady): *Cythere scutigera* Brady, 1880.
- **Trachyleberis tetrica* (Brady): *Cythere tetrica* Brady; Chapman, 1906; *T. tetrica* (Brady) Hornibrook, 1952a.
- Trachyleberis thomsoni* Hornibrook: *T. thomsoni* Hornibrook, 1952a.
- Trachyleberis zeacristata* Hornibrook: *T. zeacristata* Hornibrook, 1952a.
- Genus *Cletocythereis* Swain, 1963
- Cletocythereis rastromarginata* (Brady): *Cythere rastromarginata* Brady, 1880; *Bradleya rastromarginata* (Brady) Hornibrook, 1952a.
- Genus *Echinocythereis* Puri, 1953
- Echinocythereis dasyderma* (Brady): *Cythere dasyderma* Brady, 1880; Chapman, 1906.
- "*Cythereis*" *finlayi* Hornibrook: *Cythereis finlayi* Hornibrook, 1952a.
(This species requires the erection of a new genus).
- "*Cythereis*" *gravizea* Hornibrook: *Cythereis gravizea* Hornibrook, 1952a.
(This species requires the erection of a new genus).

Family XESTOLEBERIDIDAE Sars, 1928

Genus *Xestoleberis* Sars, 1866**Xestoleberis africana* Brady: *X. africana* Brady: Chapman, 1906.*Xestoleberis atra* (Thomson): *Cythere atra* Thomson, 1879; Thomson, 1921;
Xestoleberis atra (Thomson) Hornibrook, 1952a.*Xestoleberis compressa* Brady: *X. compressa* Brady, 1898; Thomson, 1921.**Xestoleberis foveolata* Brady: *X. foveolata* Brady: Hornibrook, 1952a.*Xestoleberis luxata* Brady: *X. luxata* Brady, 1898.*Xestoleberis olivacea* Brady: *X. olivacea* Brady, 1898; Thomson, 1921.**Xestoleberis margaretea* Brady: *X. margaretea* Brady: Chapman, 1906; Hornibrook, 1952a.**Xestoleberis setigera* Brady: *X. setigera* Brady: Hornibrook, 1952a.*Xestoleberis* sp.: *Xestoleberis* sp. Hornibrook, 1952a.

Family uncertain

Genus *Cytheralison* Hornibrook, 1952*Cytheralison fava* Hornibrook: *C. fava* Hornibrook, 1952a.*Cytheralison pravacauda* Hornibrook: *C. pravacauda* Hornibrook, 1952a;
Hornibrook, 1952b.Genus *Saida* Hornibrook, 1952*Saida torresi* (Brady): *S. truncala* Hornibrook, 1952a.

Suborder Platycopina Sars 1866

Family CYTHERELLIDAE Sars, 1866

Genus *Cytherella* Jones, 1849Subgenus *Cytherella* Jones, 1849*Cytherella* (*Cytherella*) *eburnea* Brady: *C. eburnea* Brady, 1898; Hornibrook, 1952a.**Cytherella* (*Cytherella*) *lata* Brady: *C. lata* Brady: Hornibrook, 1952a.*Cytherella* (*Cytherella*) *polita* Brady: *C. polita* Brady, 1880; Chapman, 1906;
Hornibrook, 1952a.*Cytherella* (*Cytherella*) *pulchra* Brady: *C. pulchra* Brady, 1880; Chapman, 1906;
Hornibrook, 1952a.*Cytherella* (*Cytherella*) *punctata* Brady: *C. punctata* Brady, 1880.Subgenus *Cytherelloidea* Alexander, 1929*Cytherella* (*Cytherelloidea*) n.sp.: *Cytherelloidea* sp. van den Bold, 1963.
(Not *C. keiji* McKenzie, 1967).

Order MYODOCOPIDA Sars, 1866

Suborder MYODOCOPINA Sars, 1866

Superfamily Cypridinacea Baird, 1850

Family CYPRIDINIDAE Baird, 1850

Subfamily Cypridininae Baird, 1850

Genus *Azygocypridina* Sylvester-Bradley, 1950†*Azygocypridina zealanica* (Baird): *Cypridina zealanica* Baird, 1850; Baird, 1852;
Crossophorus imperator Brady, 1880.Genus *Bathyvargula* Poulsen, 1962*Bathyvargula walfordi* Poulsen: *B. walfordi* Poulsen, 1962.Genus *Codonocera* Brady, 1902*Codonocera crueta* Brady: *C. crueta* Brady: Barney, 1921.Genus *Cypridinoides* Poulsen, 1962*Cypridinoides reticulata* Poulsen: *C. reticulata* Poulsen, 1962.

Genus **Macrocypridina** Skogsberg, 1920

Macrocypridina castanea (Brady) var. **rotunda** Poulsen: *M. castanea* var. *rotunda* Poulsen, 1962.

Genus **Paracypridina** Poulsen, 1962

Paracypridina aberrata Poulsen: *P. aberrata* Poulsen, 1962.

Family **PHILOMEDIDAE** Müller, 1912

Subfamily **Philomedinae** Müller, 1912

Genus **Euphilomedes** Poulsen, 1962

Euphilomedes agilis (Thomson): *Philomedes agilis* Thomson, 1879; Brady, 1897; Brady, 1898; Thomson, 1921.

Genus **Streptoleberis** Brady, 1890

†**Streptoleberis flexilis** (Brady): *Philomedes flexilis* Brady, 1898; *Scleroconcha flexilis* (Brady) Poulsen, 1962.

†**Streptoleberis sculpta** (Brady): *Philomedes sculpta* Brady, 1898; Thomson, 1921.

†**Streptoleberis arcuata** (Poulsen): *Scleroconcha arcuata* Poulsen, 1962.

Family **SARSIELLIDAE** Brady and Norman, 1896

Genus **Muelleriella** Poulsen, 1965

†**Muelleriella? hanseni** (Brady): *Sarsiella hanseni* Brady, 1898.

Muelleriella hispida (Brady): *Sarsiella hispida* Brady, 1898.

Muelleriella zealandica Poulsen: *M. zealandica* Poulsen, 1965.

Family **CYLINDROLEBERIDIDAE** Müller, 1906

Genus **Cylindroleberis** Brady, 1867

†**Cylindroleberis? grisea** (Brady): *Asterope grisea* Brady, 1898.

Genus **Dolasterope** Poulsen, 1965

Dolasterope johanseni Poulsen: *D. johanseni* Poulsen, 1965.

Genus **Parasterope** Poulsen, 1965

†**Parasterope australis** (Brady): *Asterope australis* Brady, 1898; Thomson, 1921; Hornibrook, 1952a.

Parasterope pectinata Poulsen: *P. pectinata* Poulsen, 1965.

Genus **Synasterope** Poulsen, 1965

Synasterope quadrata (Brady): *Asterope quadrata* Brady, 1898; *Synasterope quadrata* (Brady) Poulsen, 1965.

Genus **Cycloberis** Skogsberg, 1920

Cycloberis tenera (Brady): *Cyclasterope zealandica* (Baird) Brady, 1898; *Cyclasterope tenera* Brady, 1898.

Cycloberis bradyi Poulsen: *C. bradyi* Poulsen, 1965.

Cycloberis lobiancoi (Müller): *Cyclasterope lobiancoi* (Müller) Barney, 1921.

Cycloberis ovulum (Brady): *Cyclasterope ovulum* Brady, 1898.

Superfamily **Halocypridacea** Dana, 1852

Family **HALOCYPRIDAE** Dana, 1852

Genus **Halocypris** Dana, 1852

Halocypris inflata Dana: *H. inflata* Dana: Barney, 1921.

Halocypris globosa (Claus): *H. globosa* (Claus) Barney, 1921.

Genus **Conchoecia** Dana, 1849

Conchoecia acuticostata Müller: *C. acuticostata* Müller: Barney, 1921.

Conchoecia chuni Müller: *C. chuni* Müller: Barney, 1921.

Conchoecia belgicae Müller: *C. belgicae* Müller: Barney, 1921.

Conchoeria bispinosa Claus: *C. bispinosa* Claus: Barney, 1921.

- Conchoecia daphnoides daphnoides* (Claus): *C. daphnoides daphnoides* (Claus) Barney, 1921.
Conchoecia discophora Müller: *C. discophora* Müller: Barney, 1921.
Conchoecia serrulata laevis Brady: *C. serrulata laevis* Brady: Barney, 1921.
Conchoecia serrulata serrulata Claus: *C. serrulata serrulata* Claus: Barney, 1921.
Conchoecia spirostris Claus: *C. spirostris* Claus: Barney, 1921.
Conchoecia subarcuata Claus: *C. subarcuata* Claus: Barney, 1921.
Conchoecia stigmatica Müller: *C. stigmatica* Müller: Barney, 1921.

Suborder Cladocopina Sars, 1866

Family POLYCOPIDAE Sars, 1866

Genus *Polycope* Sars, 1866

Polycope 2 n.spp.: *Polycope* 2 spp. Hornibrook, 1952a.

In addition there are a number of species of unknown affinities. They are:—

- Cypris bennelong* King: Sars, 1894.
Cytherideis hedleyi Chapman, 1906; Hornibrook, 1952a.
Cypridina danae Brady: Chapman, 1906.
Cythere cancellata Brady: Chapman, 1906.
Cythere crispata Brady: Chapman, 1906.
“*Cythere*” *exilis* Brady: Hornibrook, 1952a.
Cythere prava Baird: Chapman, 1906.

BIBLIOGRAPHY

Included in this bibliography are papers to which no reference is made in the lists above. However, these papers are relevant to the New Zealand ostracod fauna.

- BAIRD, W., 1843. In DIEFFENBACH, F. “Travels in New Zealand” II, p. 268, London.
 ——— 1850. Descriptions of several new species of Entomostraca. *Proceedings of the Zoological Society, London* 18: 254–57.
 ——— 1852. Descriptions of several new species of Entomostraca. *Annals and Magazine of Natural History Ser. 2*, 10: 56–69.
 BARCLAY, M. H., 1968. Additions to the freshwater ostracod fauna of New Zealand. *N.Z. Journal of Marine and Freshwater Research* 2: 67–80.
 BARNEY, R. W., 1921. “Crustacea” in British Antarctic (“Terra Nova”) Expedition 1910. *Natural History Report, Zoology*, 3 (7 part 5) Ostracoda: 175–89.
 BATE, R. H., 1963. The Ostracoda collected during the voyage of H.M.S. Challenger. *Micropaleontology* 9(1): 79–84.
 ——— 1964. The Ostracoda collected during the voyage of H.M.S. Challenger—Addendum. *Micropaleontology* 10(3): 395.
 BENSON, R. H., 1965. Recent marine podocopid and platycopid ostracodes of the Pacific. *Publ. staz. zool. Napoli* 33 suppl. 387–420.
 BOLD, W. A. VAN DEN, 1963. Anomalous hinge structure in a new species of Cytherelloidea. *Micropaleontology* 9(1): 75–78, 1 pl.
 BRADY, G. S., 1880. Report on the Ostracoda dredged by H.M.S. Challenger during the years 1873–1876. *Rep. scient. Results explor. Voyage Challenger Zool. I*: 1–184, pls. I–XLIV.
 ——— 1897. A supplementary report on the crustaceans of the group Myodocopa obtained during the “Challenger” Expedition, with notes on other imperfectly known species. *Transactions of the Zoological Society, London* 14(3): 85–100, pls. XV–XVII.
 ——— 1898. On new or imperfectly known species of Ostracoda, chiefly from New Zealand. *Ibid.* 14(8): 429–52, pls. XLIII–XLVII.
 ——— 1902. On new or imperfectly known Ostracoda in the Zoological Museum, Copenhagen. *Ibid.* 16(4): 179–206, pls. XXI–XXIII.

- BRADY, G. S., 1906. On the Entomostracean fauna of the New Zealand lakes. *Proceedings of the Zoological Society, London* 692–701, pls. XLIX–LI.
- BREHM, V., 1929. Freshwater fauna of New Zealand (Parts 3 and 5). *Transactions of the N.Z. Institute* 59: 798–803.
- 1932. Vorläufiger mitteilungen über die Süßwasserfauna Neuseelands. V Teil. *Zoologischer Anzeiger* 99: 79–81.
- 1939. Zur systematischen und tiergeographischen Stellung der als *Limnocythere problematica* beschriebenen *Gomphocythere*. *Ibid.* 129: 190–195.
- BRYARS, J. A., 1960. A freshwater pond in New Zealand. *Australian Journal of Marine and Freshwater Research* 11(2): 222–40.
- CHAPMAN, A., 1961. The terrestrial ostracod of New Zealand, *Mesocypris audax* sp. nov. *Crustaceana* 2(4): 255–261.
- CHAPMAN, F., 1906. On some Foraminifera and Ostracoda obtained off Great Barrier Island, New Zealand. *Transactions of the New Zealand Institute* 38: 77–112, pl. III.
- CHAPMAN, M. A., 1963. A review of the freshwater ostracods of New Zealand. *Hydrobiologia* 22 (1–2): 1–40, 23 pls.
- 1967. in BAYLY, I. A. E., J. A. BISHOP, and I. D. HISCOCK. “An illustrated key to the genera of the Crustacea of Australian inland waters.” Australian Society for Limnology. 37 pp.
- HAMILTON, A., 1896. “Deep-sea fauna of New Zealand.” New Zealand Institute, Wellington. 29 pp.
- HARDING, J. P. and SYLVESTER-BRADLEY, P. C., 1953. The ostracod genus *Trachyleberis*. *Bulletin of the British Museum (Natural History) (Zoology)* 2(1): 1–16, 2 pls.
- HORNIBROOK, N. DE B., 1949. A new family of living Ostracoda with striking resemblances to some Palaeozoic Beyrichiidae. *Transactions and Proceedings of the Royal Society of New Zealand* 77(4): 469–71, pls. 50–51.
- 1952(a). Tertiary and Recent marine Ostracoda of New Zealand. *Paleontological Bulletin, N.Z. Geological Survey* 18: 1–82, 18 pls.
- 1952(b). in J. J. REED. Sediments from the Chatham Rise: Part II Recent and fossil microfauna. *New Zealand Journal of Science and Technology* 34 (ser. B): 184–88.
- 1952(c). History of the living marine ostracode fauna of New Zealand—a qualitative analysis. *The Micropaleontologist* 6(3): 20–22.
- 1955. Ostracoda in the deposits of Pyramid Valley Swamp. *Records of the Canterbury Museum* 6(4): 267–78.
- 1963. The New Zealand ostracode family Punciidae. *Micropaleontology* 9(3): 318–20.
- HUTTON, F. W., 1904. *Index Faunae Novae Zealandiae*. London 372 pp.
- LAWRENCE, P., 1967. New Zealand Region: Bathymetry, 1:6,000,000. *New Zealand Oceanographic Institute Chart, Miscellaneous Series* 15.
- McKENZIE, K. G., 1967. Recent Ostracoda from Port Philip Bay, Victoria. *Proceedings of the Royal Society of Victoria* 80(1): 61–106, pls. 11–13.
- McLAY, C. L., 1968. A study of the drift in the Kakanui River, New Zealand. *Australian Journal of Marine and Freshwater Research* 19: 139–49.
- MADDOCKS, R. F., 1969(a). Revision of Recent Bairdiidae (Ostracoda). *Bulletin of the United States National Museum*, 295: 1–126.
- 1969(b). Recent ostracodes of the family Pontocyprididae chiefly from the Indian Ocean. *Smithsonian Contributions Zoology* 7: 56 pp.
- MOOS, B., 1965. Die Ostracoden-Fauna des Unteroligocenans von Bunde (Bl. Herford-West, 3817) und einige verwandte jüngere Arten (Ostr. Crust.) 1. *Quadracythere (Hornibrookella* n. subg., *Pokornyiella*, *Hemicythere*, *Hermanites*). *Geol. Jb.* 82: 593–630, 6 taf.
- PINTO, I. D. and SANGUINETTI, Y. T., 1962. A complete revision of the genera *Bisulcococypris* and *Theriosynoecum* (Ostracoda) with the world geographical and stratigraphical distribution. *Esc. Geol. P. Alegre Publ. Esp.* 4: 1–165, pls. 1–17.

- POULSEN, E. M., 1962. Ostracoda-Myodocopa Part I Cypridiniformes-Cypridinidae. *Dana Rep.* 57: 1-414, 181 figs.
- 1965. Ostracoda-Myodocopa Part II Cypridiniformes-Rutidermatidae, Sarsiellidae and Asteropidae. *Ibid.* 65: 1-484, 156 figs.
- PURI, H. S., 1968. Ecologic distribution of Recent Ostracoda. *Proceedings of the Symposium of Crustacea* Part I, 457-95.
- SARS, G. O., 1894. Contributions to the knowledge of the freshwater Entomostraca of New Zealand as shown by artificial hatching from dried mud. *Videns.-Sels. Skrifter. I. Math.-nat. Klasse* 5: 1-62, pls. I-VIII.
- 1896. On some freshwater Entomostraca from the neighbourhood of Sydney. *Archiv Math. og Naturvid* 18(2): 11-76, pls. I-VIII.
- 1905. Pacifische Plankton-Crustaceen II Brackwasser-Crustaceen von den Chatham-Inseln. *Zoologische Jahrbücher* 21: 371-414, pls. 19-20.
- SYLVESTER-BRADLEY, P. C. and HARDING, J. P., 1954. Postscript notes of the ostracode *Trachyleberis*. *Journal of Palaeontology* 28(5): 560-62.
- THOMSON, G. M., 1879. On New Zealand Entomostraca. *Transactions of the New Zealand Institute* 11: 251-63, pl. VI.
- 1921. in G. M. THOMSON and T. ANDERTON. History of the Portobello Marine Hatchery and Biological Station. *Bulletin of the Board of Science and Art, N.Z.* 2: 1-131.

S. H. EAGAR.
Department of Geology,
Victoria University,
Wellington.