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

HENDRIK SEGERS



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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., Gómez 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 Haring (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 Haring (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 Haring (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.

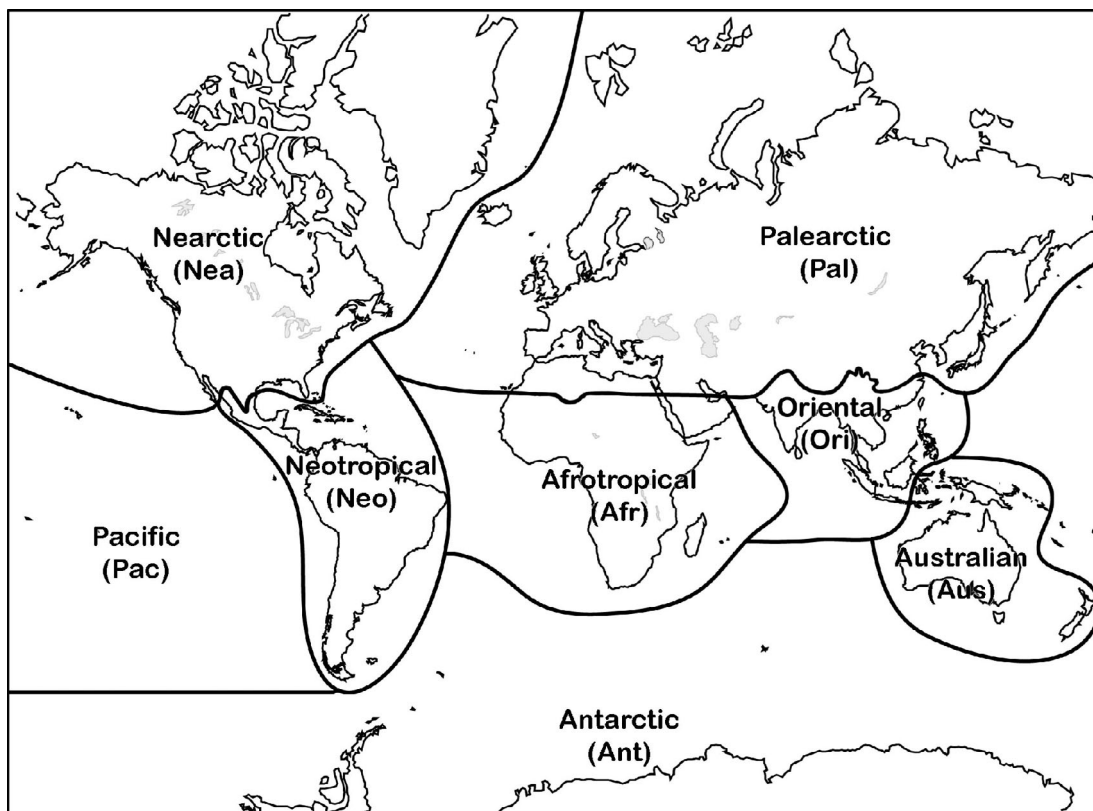


FIGURE 1. Definition of the eight regions used in this work (after Martens et al., in press.)

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 Haring & 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* Haring & Myers, 1928 in his treatment. This confusingly results in the recognition of two homonymous taxa, one *E. grande* (Western) and *E. grande sensu* Haring & 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* Haring & 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 anterolateral 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.

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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), Bērziņš (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)

Epiphanidae: 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)

Trochosphaeridae: 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 carnivora Ricci, Melone & Walsh, 2001: NEO

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

Philodina intermedia de Beauchamp, 1909

***Acyclus* Leidy, 1882**

Hyalocephalus Lucks, 1911

Acyclus inquietus Leidy, 1882: NEA, ORI, PAL

Acyclus trilobus (Lucks, 1911): PAL

Hyalocephalus 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 Haring & 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 singaporensis* 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* Evens, 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* Kellcott, 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* Harring & Myers, 1928**

- Aspelta alastor* Harring & Myers, 1928: NEA, PAL
Aspelta angusta Harring & Myers, 1928: NEA, PAL
Aspelta aper (Harring, 1913): AUS, NEA, NEO, PAL
 Encentrum aper Harring, 1913
Aspelta beltista Harring & Myers, 1928: NEA
Aspelta bidentata Wulfert, 1961: PAL
Aspelta chorista Harring & Myers, 1942: NEA
Aspelta circinator (Gosse, 1886): AUS, NEA, NEO, PAL
 Diglena circinator Gosse, 1886
 Syn.: *Diglena giraffa* Gosse, 1886
Aspelta clydona Harring & 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 harringi Remane, 1929 (marine)
Aspelta imbuta Harring & Myers, 1928: NEA, NEO
 Syn.: *Aspelta ecuadoriensis* Koste, 1992
Aspelta intradentata Bērziņš, 1949: PAL
Aspelta labri Harring & Myers, 1928: NEA, PAL
Aspelta lestes Harring & Myers, 1928: NEA, PAL
Aspelta macra Harring & Myers, 1928: NEA, PAL
Aspelta pachida (Gosse, 1887) (marine)
 Diglena pachida Gosse, 1887
 Syn.: *Pleurotrocha littoralis* Levander, 1894
Aspelta psitta Harring & Myers, 1928: AUS, NEA, PAL
Aspelta reibischi (Remane, 1929) (marine)
 Encentrum reibischi 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 Haring, 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* Haring, 1913**

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

Rotifer crucigere 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

Manfredium Gallagher, 1957

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

Eudactylota eudactylota Gosse, 1886

***Birgea* Haring & Myers, 1922**

Birgea enantia Haring & 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 ahlstromi 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 amsterdamensis 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 amphi-ceros* Ehrenberg, 1838 (synonym considered an infrasubspecific variant (f.

amphiceros) of *B. calyflorus*)
 Syn.: *Brachionus dorcas* Gosse, 1851 (synonym considered an infrasubspecific variant (f. *dorcas*) of *B. calyflorus*)
 Syn.: *Brachionus gillardi* Hauer, 1966
 Syn.: *Brachionus pala* Ehrenberg, 1838
 Syn.: *Brachionus pala anuraeiformis* Brehm, 1909 (synonym considered an infrasubspecific variant (f. *anuraeiformis*) of *B. calyflorus*)
Brachionus calyflorus 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 singaporensis* 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 voighti* 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 pinneanaus 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 pterodinooides 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 spatiosus Rousselet, 1912: NEA

Brachionus srisumona 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 friebei 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; *sigmoides* 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 (Stenroos, 1898): NEA, PAL
 Furcularia macrodactyla Stenroos, 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 megalcephala (Glascott, 1893): ANT, AUS, NEA, NEO, ORI, PAC, PAL
 Furcularia megalcephala Glascott, 1893
Cephalodella megalotrocha Wiszniewski, 1934: NEO, PAL
Cephalodella melia Myers, 1924: NEA
Cephalodella mineri Myers, 1924: NEA
Cephalodella minor 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 pentaplex 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 pseudeva 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 segersi 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)

***Collotheca* Harring, 1913**

Collotheca 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.)

Collotheca annulata (Hood, 1888): AFR, PAL

Floscularia annulata Hood, 1888

Syn.: *Floscularia uniloba* Wierzejski, 1893

Collotheca atrochoides (Wierzejski, 1893): NEA, NEO, PAL

Floscularia atrochoides Wierzejski, 1893

Collotheca balatonica Varga, 1936: PAL

Collotheca bilfingeri Bērziņš, 1951: PAL

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

Collotheca bulbosa Bērziņš, 1951: PAL

Collotheca calva (Hudson, 1885): NEO, PAL

Floscularia calva Hudson, 1885

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

Floscularia campanulata Dobie, 1849

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

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

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

Floscularia coronetta Cubitt, 1869

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

Syn.: *Stephanoceros horatii* Cubitt, 1871

Syn.: *Floscularia longilobata* Bartsch, 1877

Collotheca crateriformis Offord, 1934: PAL

Collotheca cucullata (Hood, 1894): PAL

Floscularia cucullata Hood, 1894

Collotheca cucullata cucullata (Hood, 1894)

Floscularia cucullata cucullata Hood, 1894

Collotheca cucullata smolandica Bērziņš, 1951: PAL

Collotheca discophora (Skorikov, 1903): PAL

Floscularia discophora Skorikov, 1903

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

- Floscularia edentata* Collins, 1872
 Syn.: *Collotheca breviciliata* Bērziņš, 1951 (synonym considered an infrasubspecific variant of *C. edentata*)
- Collotheca edmondsoni* Bērziņš, 1951: PAL
- Collotheca epizootica* (Monard, 1922): PAL
Floscularia epizootica Monard, 1922
- Collotheca evansonii* (Anderson & Shephard, 1892): AUS
Floscularia evansonii Anderson & Shephard, 1892
- Collotheca ferox* (Penard, 1914): PAC, PAL
Floscularia ferox Penard, 1914
- Collotheca gossei* (Hood, 1892): PAL
Floscularia gossei Hood, 1892
- Collotheca 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
- Collotheca hoodi* (Hudson, 1883): NEA, PAL
Floscularia hoodi Hudson, 1883
- Collotheca judayi* Edmondson, 1940: NEA, NEO
- Collotheca lettevalli* Bērziņš, 1976: PAL
- Collotheca libera* (Zacharias, 1894): AFR, AUS, NEA, NEO, ORI, PAL
Floscularia libera Zacharias, 1894
- Collotheca minuta* (Milne, 1905): AFR, PAL
Floscularia minuta Milne, 1905
- Collotheca monoceros* (Zacharias, 1912): PAL
Floscularia monoceros Zacharias, 1912
- Collotheca moselii* (Milne, 1905): AFR, PAL
Floscularia moselii Milne, 1905
- Collotheca mutabilis* (Hudson, 1885): AFR, AUS, NEA, NEO, ORI, PAL
Floscularia mutabilis Hudson, 1885
- Collotheca 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.: *Collotheca volutata* Sebestyén & Varga, 1950 (synonym considered an infrasubspecific variant of *C. ornata*)
- Collotheca pelagica* (Rousselet, 1893): AFR, AUS, NEA, NEO, ORI, PAL
Floscularia pelagica Rousselet, 1893
 Syn.: *Collotheca liepetterseni* Bērziņš, 1951 (synonym considered an infrasubspecific variant of *C. pelagica*)
 Syn.: *Collotheca tubiformis* Nipkow, 1961 (synonym considered an infrasubspecific variant of *C. pelagica*)
- Collotheca polyphema* 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* (Pitcock, 1895): PAL
Floscularia trifidlobata Pitcock, 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; *lata* 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 navalis* Lord, 1884
- Colurella anodonta* Carlin, 1939: AFR, NEA, NEO, PAL
- Colurella aquaeducti* 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 infrasub-specific 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 (Stenroos, 1898): AFR, NEA, NEO, ORI, PAL
Metopidia sulcata Stenroos, 1898

Colurella tessellata (Glascott, 1893): AFR, AUS, NEA, NEO, ORI, PAL
Colurus tessellatus Glascott, 1893

Colurella uncinata (Müller, 1773)
Brachionus uncinatus Müller, 1773

Colurella uncinata bicuspidata (Ehrenberg, 1832): AFR, AUS, NEA, NEO, ORI, PAL
Colurus bicuspidatus 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 *Conochiloides* Hlava, 1904

Conochilus (Conochiloides) coenobasis (Skorikov, 1914): AFR, AUS, NEA, NEO, ORI, PAL
Conochiloides coenobasis Skorikov, 1914
Conochilus (Conochiloides) deltaicus (Rudescu, 1960) (*species inquirenda*)
Conochiloides deltaicus Rudescu, 1960
Conochilus (Conochiloides) dossuarius Hudson, 1885: AFR, AUS, NEA, NEO, ORI, PAL
Conochilus (Conochiloides) exiguus Ahlstrom, 1938: NEA
Conochilus (Conochiloides) 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* Stenroos, 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 bucinedax* 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 braziliensis* Koste, 1972
Dicranophoroides claviger (Hauer, 1965): AFR, NEO, ORI
Itura claviger Hauer, 1965
Dicranophoroides venezueliensis (Pourriot & Zoppi de Roa, 1981): AFR, NEO
Dicranophorus venezueliensis 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 difflugarum (Penard, 1914): PAL
Diglena difflugarum 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 isotheres 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 proclestes 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* Harring & 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 Harring & 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 Tzschaschel, 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 Tzschaschel, 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 goldschmidi 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 listensoides 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 (Pawłowski, 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 Haring & Myers, 1928: NEA, PAL
Encentrum oxyodon Wulfert, 1936: PAL
Encentrum pachypus Wulfert, 1936: PAL
Encentrum parime Haring & 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 (Haring & Myers, 1928): NEA
 Dicranophorus torvitus Haring & Myers, 1928
Encentrum tyrphos 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 Haring & Myers, 1928: NEA, PAL (marine and brackish water)
Encentrum voigti Wulfert, 1936: PAL
Encentrum walterkosteii Jersabek, 1994: PAL
Encentrum wiszniewskii Wulfert, 1939: PAL
Encentrum zetetum Haring & Myers, 1928: NEA

***Enteroplea* Ehrenberg, 1830**

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

***Eosphora* Ehrenberg, 1830**

Eosphora anthadis Haring & 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 Haring & Myers, 1922: NEA
Eosphora thoa Haring & Myers, 1924: AUS, NEA, NEO, PAL
Eosphora thoides Wulfert, 1935: AFR, AUS, NEA, NEO, PAL

***Eothinia* Haring & Myers, 1922**

Eothinia argus Haring & 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 Haring & 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* Harring & Myers, 1922**

Erignatha capula Harring & Myers, 1928: NEA
Erignatha clastopis (Gosse, 1886): AUS, NEA, NEO, PAL
Diglena clastopis Gosse, 1886
Erignatha longidentata Sørensen, 2001: PAL (brackish water)
Erignatha sagitta Harring & 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 hipposideros* Gosse, 1851
Syn.: *Euchlanis uniseta* 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 kergueleniensis* 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 noodti 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 tatrix (Bryce, 1897): AFR, PAL (incl. f. *longilabris* Donner, 1950; f. *brevilabris* Donner, 1950)
 Callidina pusilla tatrix 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 sceanotrochoides 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 (*brasiliensis auct.*)
Hexarthra intermedia intermedia (Wiszniewski, 1929): AFR, AUS, NEA, NEO, ORI, PAL
 Syn.: *Pedalia insulana* Hauer, 1938
Hexarthra jenkiniae (de Beauchamp, 1932): AFR, AUS, NEA, PAL
 Pedalia jenkiniae 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 pomazkova 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 Haring & 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 (Stenroos, 1898): AUS, NEA, NEO, ORI, PAL

Eosphora viridis Stenroos, 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 gracilentata* 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 infrasub-specific 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 earlinae 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 valgoidea* 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 wangi* 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 Haring (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 & Savatentalinton, 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 boliviana* 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 braziliensis* 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 & Irmasheva, 1975
- Syn.: *Monostyla goniata* Haring & Myers, 1926 (synonym occasionally considered an infrasubspecific variant of *L. bulla*)
- Syn.: *Monostyla ozolini* Bērziņš, 1943
- Syn.: *Lecane physalis* Wulfert, 1939 (incl. *L. styrae longistyla* (Weisig, 1928))
- Lecane bulla diabolica* (Hauer, 1936): ORI
- Monostyla bulla* f. *diabolica* Hauer, 1936
- Lecane calcaria* Haring & Myers, 1926: NEA, ORI
- Lecane candida* Haring & 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* Haring & 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 acronymycha* 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 zwaiensis* 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 lebedevae* 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 infra-specific 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 gillardi 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 herzigii Koste, Shiel & Tan, 1988: AUS
Lecane hornemanni (Ehrenberg, 1834): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Euchlanis hornemanni 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* Harring, 1914
 Syn.: *Lecane supinoi* Manfredi, 1929
Lecane infula Harring & Myers, 1926: NEA, PAL
Lecane inopinata Harring & 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* Harring, 1921
 Syn.: *Lecane mylacris* Harring & Myers, 1926
Lecane isanensis Sanoamuang & Savatentalinton, 2001: ORI
Lecane ivli (Wiszniewski, 1935): PAL
Monostyla ivli Wiszniewski, 1935
 Syn.: *Monostyla vargai* Török, 1935
Lecane jaintiaensis Sharma, 1987: ORI
Lecane jessupi Harring, 1921: NEA
Lecane junkii 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. presumpta* Ahlstrom, 1938, and this name is accordingly listed as subspecies or infrasubspecific variant of *L. luna*. However, *L. presumpta* 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 Savatentalinton & Segers, 2005: ORI
Lecane marchantaria Koste & Robertson, 1983: NEO
Lecane margalefi De Manuel, 1994: PAL (Endemic to Mallorca (Spain))
Lecane margarethae 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 Harring & 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 Daday, 1897
 Syn.: *Monostyla spinifera* Idelson, 1924
Lecane mucronata Harring & Myers, 1926: NEA
Lecane myersi Segers, 1993: AFR, NEA, NEO
 Syn.: *Monostyla ornata* Harring & 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 niothis Harring & Myers, 1926: NEA (Doubtful PAL record)
Lecane nitida (Murray, 1913): AFR, AUS, NEO, ORI
Cathypna nitida Murray, 1913
 Syn.: *Cathypna lofuana* Murray, 1913
 Syn.: *Lecane tessellata* Arora, 1965
Lecane niwati Segers, Kothetip & Sanoamuang, 2004: ORI
Lecane noobijupi Segers & Shiel, 2003: AUS
Lecane nwadiaroi Segers, 1993: AFR
Lecane obtusa (Murray, 1913): AFR, AUS, NEA, NEO, ORI, PAL
Monostyla obtusa Murray, 1913
 Syn.: *Monostyla vastita* Harring & 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 ichthyoura* Anderson & Shephard, 1892
 Syn.: *Cathypna jorroii* Arévalo, 1918 (synonym occasionally considered an infrasubspecific variant of *L. ohioensis*)
Lecane opias (Harring & Myers, 1926): NEA, ORI, PAL
Monostyla opias Harring & Myers, 1926
Lecane ordwayi Bienert, 1986: NEA
Lecane palinacis Harring & 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 proiecta 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 harringi* 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, NEO, 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 stroeszneri* 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 stokesi 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 paradecipiens* 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* Stenroos (1898))
 Syn.: *Cathypna magna* Stenroos, 1898
 Syn.: *Cathypna magna tenuior* Stenroos, 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* Haring, 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* Haring, 1916
Lepadella (*L.*) *amphitropis amphitropis* Haring, 1916: AFR, AUS, NEA, NEO, PAL
Lepadella (*L.*) *amphitropis victoriensis* Bērziņš, 1982: AUS
Lepadella (*Lepadella*) *angusta* Bērziņš, 1961: AUS
Lepadella (*Lepadella*) *apsida* Haring, 1916: AFR, AUS, NEA, NEO, ORI, PAL
Lepadella (*Lepadella*) *benjamini* Haring, 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 (Stenroos, 1898): AFR, AUS, NEA, NEO, ORI, PAL
 Metopidia dactyliseta Stenroos, 1898
 Syn.: *Lepadella voigti* Hauer, 1931
Lepadella (Lepadella) decora Bērziņš, 1982: AUS
Lepadella (Lepadella) degreefi 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) lindau 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) nartiagensis Sharma & Sharma, 1987: ORI
Lepadella (Lepadella) neboissi Bērziņš, 1960: AUS
Lepadella (Lepadella) neglecta Segers & Dumont, 1995: NEO
Lepadella (Lepadella) nympa 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* Bergendal, 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) pejlerei Eriksen, 1969: PAL
Lepadella (Lepadella) pontica Althaus, 1957 (marine)
Lepadella (Lepadella) princisi Bērziņš, 1943: PAL
Lepadella (Lepadella) psammophila Tzschaschel, 1979 (marine)
Lepadella (Lepadella) pseudosimilis Koch-Althaus, 1963: PAL
Lepadella (Lepadella) pterygoidea (Dunlop, 1897): NEA, ORI, PAL
Metopidia pterygoidea Dunlop, 1897
Lepadella (Lepadella) ptilota 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 (Stenroos, 1898): AFR, AUS, NEA, NEO, ORI, PAL (incl. the

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

Metopidia quadricarinata Stenroos, 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) salisburii 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 Haring, 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 *sinuata* 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 granulatus* 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 Kellcott, 1888: NEA (occasionally considered a subspecies of *L. melicerta*)

***Lindia* Dujardin, 1841**

subgenus *Halolindia* Remane, 1933

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

subgenus *Lindia* Dujardin, 1841

Lindia (Lindia) annecta Haring & Myers, 1922: AUS, NEA, PAL
Lindia (Lindia) caerulea Myers, 1933: NEA
Lindia (Lindia) candida Haring & 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 Haring & Myers, 1922: NEA, NEO
Lindia (Lindia) gracilis Myers, 1938: NEA
Lindia (Lindia) janickii Wiszniewski, 1934: AFR, ORI, PAL
Lindia (Lindia) pallida Haring & Myers, 1922: AUS, NEA, NEO, PAC, PAL
Lindia (Lindia) producta Haring & 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 kutikovaevae 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 & Kozłowsky-Suzuki, 2000: NEO
Macrochaetus longipes Myers, 1934: AFR, NEA, NEO, ORI, PAL
Syn.: *Macrochaetus hauerianus singaporensis* 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 ehrenbergi 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 inquires Milne, 1916: AFR, NEO, PAL
Macrotrachela timida timida Milne, 1916: AFR, AUS, PAL
Macrotrachela tuberculabris 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)

***Mikrocodides* Bergendal, 1892**

Mikrocodides chlaena (Gosse, 1886): AFR, AUS, NEA, NEO, ORI, PAC, PAL
Stephanops chlaena Gosse, 1886
Syn.: *Mikrocodides dubius* Bergendal, 1892
Syn.: *Microcodides mobilis* Rodewald, 1940
Syn.: *Rhinops orbiculodiscus* Thorpe, 1891
Mikrocodides hertha Wulfert, 1961: PAL
Mikrocodides 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 aeshyna* Myers, 1930: AUS, NEA, PAL
- Monommata appendiculata* Stenroos, 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* Haring & 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* (Haring & Myers, 1928): NEA
Erignatha belodon Haring & 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 redunca* 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 bupalium (Müller, 1786): NEA, PAL

Brachionus bupalium 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, presumedly 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 & Verheye, 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 walterkoste José de Paggi, 1982
Notholca walterkoste reducta Dartnall & Hollowday, 1985: ANT
Notholca walterkoste walterkoste 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 bennetchi 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 voighti Donner, 1949: PAL
Notommata weberi Voigt, 1957: PAL

***Octotrocha* Thorpe, 1893**

Octotrocha 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 jersabeki 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 childi 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 dupliscalcar 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* Harring, 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 (Harring & Myers, 1924): NEA

Notommata tithasa Harring & Myers, 1922

Pleurata trypeta (Harring & Myers, 1922): NEA, PAL

Notommata trypeta Harring & 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* Jägerskiöld, 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* Jägerskiöld, 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 pejlери* 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 tyrphosa* 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 Haring & 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

Pseudoecistes Stenroos, 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 elsteri* f. *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* (Stenroos, 1898): NEA, PAL (incl. the infrasubspecific variant *conica* Bērziņš, 1949)
Pseudoecistes rotifer Stenroos, 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* Harring & Myers, 1924**

Resticula anceps Harring & Myers, 1924: NEA

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

Eosphora gelida Harring & Myers, 1922

Resticula lestes Wulfert, 1935: PAL

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

Furcularia melandocus Gosse, 1887

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

Resticula plicata Wulfert, 1935: NEA, PAL

Resticula vermiculus Wulfert, 1935: PAL

***Rhinoglana* Ehrenberg, 1853**

Rhinops Hudson, 1869

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

Rhinops fertoeensis Varga, 1928

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

Syn.: *Rhinops vitrea* Hudson, 1869

Rhinoglana 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 Haring, 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 macrourus*: 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 (Haring, 1913). I therefore follow Haring (1913) rather than Donner (1965), who lists *Vorticella macroura* 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* Harring, 1913**

Rousseletia corniculata Harring, 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 ariprepres* 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*)

***Sphyrias* Harring, 1913**

- Sphyrias lofuana* (Rousselet, 1910): AFR, PAC
 Notops lofuana Rousselet, 1910

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

- Stephanops* Ehrenberg, 1830
Listrion Schmarda, 1846

Squatinella bifurca (Bolton, 1884): PAL (includes the infrasubspecific variant *gigantea* Pourriot, 1971)
 Stephanops bifurcus Bolton, 1884
Squatinella geleii Varga, 1933: PAL
Squatinella lamellaris (Müller, 1786): AFR, AUS, NEA, NEO, ORI, PAC, PAL
 Brachionus lamellaris Müller, 1786
 Syn.: *Squatinella aurita* Wulfert, 1950 (incl. the infrasubspecific variant *myersi* Voigt, 1957)
 Syn.: *Stephanops dichthapsis* Anderson, 1889
 Syn.: *Squatinella donneri* Wulfert, 1956
 Syn.: *Stephanops emarginatus* Bilfinger, 1894
 Syn.: *Stephanops groenlandicus* Bergendal, 1892
 Syn.: *Stephanops intermedius* Burn, 1889
 Syn.: *Squatinella 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 wesenbergi* 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 aspispis 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 (Stenroos, 1898): AFR, AUS, NEA, NEO, ORI, PAL

Pterodina emarginula Stenroos, 1898

Testudinella epicopta Myers, 1934: NEA

Testudinella gillardi 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 naumanni* 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* Evens, 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 stenroosi* 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 bicuspes (Pell, 1890): NEA
Mastigocerca bicuspes 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* (Stenroos, 1898) (*species inquirenda*)
Mastigocerca cuspidata Stenroos, 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* Stenroos, 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 (Stenroos, 1898): AUS, NEA, NEO, PAC, PAL
 Coelopus intermedius Stenroos, 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
 Vaginarina 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 henseni* 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 Haring, 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 relictata* 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* Evens, 1947 (*species inquirenda*)
- Trichocerca ripli* Bērziņš, 1973 (*species inquirenda*)
- Trichocerca rosea* (Stenroos, 1898): AUS, NEA, NEO, PAL
Mastigocerca rosea Stenroos, 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* Minkiewicz, 1900
 Syn.: *Mastigocerca blanci* 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* (Stenroos, 1898) (*species inquirenda*)
Mastigocerca unidens Stenroos, 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 (Stenroos, 1898): AFR, AUS, NEA, NEO, ORI, PAL (may be a mere infrasubspecific variant)

Dinocharis tetractis similis Stenroos, 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

***Trochosphaera* Semper, 1872**

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

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

***Tylothrocha* Harring & Myers, 1922**

Tylothrocha monopus (Jennings, 1894): NEA, PAL

Notommata monopus Jennings, 1894

***Wierzejskiella* Wiszniewski, 1934**

Wierzejskiella ambigua (Tzschaschel, 1979) (marine psammon)

Eccentrum ambiguum Tzschaschel, 1979

Wierzejskiella elongata (Glascott, 1893): NEA, PAL

Diglena elongata Glascott, 1893

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

Wierzejskiella ricciae (Harring, 1913): NEA, PAL

Encentrum ricciae Haring, 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* Haring, 1913**

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