

Fam. **TETRAGONICIPITIDAE** Lang, 1944

The ending of the family name, previously spelt *Tetragonicepsidae*, was corrected by Wells, 1967.

Synonym: *Pteropsyllidae* Nicholls, 1944 (after Lang, 1948, p. 1621).

Revisions with tables, keys to genera and species: Lang, 1965b (p. 386); Coull, 1973e; Kunz, 1984c; Fiers, 1995. After Becker & Kunz (1981), the genus *Oniscopsis* Chappuis must be definitely placed in this family. Although with reserves, Lang (1965b) transferred the genus *Laophontella* from the **Laophontidae** to the present family, which was confirmed on by several authors, later on. Kunz (1984c) defined different species groups within each genus in his phylogenetic analysis of this family.

The systematic position of the genus *Pyrocleotodes* Coull remains unresolved and, as such, this genus is considered as '*genus incerta sedis*' in the Harpacticoida.

Key to the genera: Huys, 1995b; Fiers, 1995.

Genus *Tetragoniceps* Brady, 1880

Synonym: *Fearia* Coull (1971b), after Kunz, 1984c.

Key to the species: Coull, 1973e.

Tetragoniceps malleolatus Brady, 1880

Amendments: Bodin, 1964 and 1970.

*Species novae**Tetragoniceps truncata* (f) Nicholls, 1940*Tetragoniceps longicaudata* Nicholls, 1940*Tetragoniceps arenicolus* (f) Krishnaswamy, 1957b*Tetragoniceps bergensis* Por, 1965b

Amendments: Drzycimski, 1969.

Tetragoniceps brownei Wells, 1967

Name misspelt *browni* in Kunz, 1984c (the species was dedicated to Mr. E.T. Browne).

Tetragoniceps bookhouti Coull, 1971b*Tetragoniceps prima* (Coull, 1971)

Comb. nov. (Kunz, 1984c) for *Fearia prima* Coull, 1971b.

Tetragoniceps unguis Wells & Rao, 1987*Tetragoniceps galapagoensis* Mielke, 1989b*Nomen nudum**Tetragoniceps profundus* Por, 1965a

Genus *Phyllopodopsyllus* T. Scott, 1906

Key to the species: Lang, 1965b (p. 388); Coull, 1973e.

Chaetotactic table of the species: Coull, 1969a; Kunz, 1984c. Kunz subdivided the genus in several species groups based on the shape of antennulae and chaetotaxy. Fiers (1995) criticized the systematical value of this subdivision which is as such not listed here.

Synonym: *Paraphyllopodopsyllus* Lang, 1944 (after Lang, 1965b).

Phyllopodopsyllus bradyi (T. Scott, 1892)

Amendments: Klie, 1950.

Phyllopodopsyllus furciger Sars, 1907

Amendments and description of the male: Bodin, 1964; Por, 1964a; Kunz, 1995a.

Redescription: Mielke, 1989b.

Phyllopodopsyllus longicaudatus A. Scott, 1909

Description of the female: Krishnaswamy (1957b), who described only the P₅. Although he found four specimens, Wells (1967) did not amend the description.

Phyllopodopsyllus mossmanni T. Scott, 1912

Synonyms: *Paraphyllopodopsyllus mossmanni* (T. Scott) *sensu* Lang, 1948.

Paraphyllopodopsyllus trichophorus Kunz, 1951 (after Kunz, 1963a and Lang, 1965b).

Redescription: Pallares, 1982a.

Phyllopodopsyllus mossmanni chiloensis Mielke, 1992a*Phyllopodopsyllus paramossmanni* Lang, 1934

Synonym: *Paraphyllopodopsyllus paramossmanni* (Lang) *sensu* Lang, 1948.

Phyllopodopsyllus berrieri Monard, 1936

Synonym: *Paraphyllopodopsyllus berrieri* (Monard) *sensu* Lang, 1948.

Description of the male: Pesta, 1959 (as *Paraphyllopodopsyllus berrieri*).

Amendments: Klie, 1941d; Kunz, 1983.

*Species novae**Phyllopodopsyllus aegypticus* (f) Nicholls, 1944

Synonym: *Paraphyllopodopsyllus aegypticus* (Nicholls) *sensu* Vervoort, 1964.

Amendments: Wells & Rao, 1987.

Phyllopodopsyllus xenus (f) (Kunz, 1951)

Synonym: *Paraphyllopodopsyllus xenus* Kunz.

Description of the male: Kunz, 1995a.

Phyllopodopsyllus longipalpatus (f) (Chappuis, 1954d)

Synonym: *Paraphyllopodopsyllus longipalpatus* Chappuis.

Description of the male: Chappuis, 1954b (who misspelt the genus name as *Paraphyllopsyllus* and *Paraphylloidsyllus*).

Amendments: Kunz, 1984a; Wells & Rao, 1987.

Phyllopodopsyllus hibernicus (f) (Roe, 1955)

Synonym: *Paraphyllopodopsyllus hibernicus* Roe.

Phyllopodopsyllus hardingi (Roe, 1955)

Synonym: *Paraphyllopodopsyllus hardingi* Roe.

Phyllopodopsyllus briani Petkovski, 1955a

Amendments: Marinov, 1971; Apostolov, 1973b; Kunz, 1975a and 1984a; Apostolov & Marinov, 1988.

Phyllopodopsyllus thiebaudi Petkovski, 1955a

Synonyms: *Paraphyllopodopsyllus intermedius* Noodt, 1955d (after Lang, 1965b).

Phyllopodopsyllus pirkos Apostolov, 1969b (after Kunz, 1984c).

Amendments: Marinov, 1971; Apostolov, 1972; Apostolov & Marinov, 1988.

Phyllopodopsyllus thiebaudi santacruzensis Mielke, 1989b

Phyllopodopsyllus pauli (f) Crisafi, 1960

Synonym (?): *Ph. ponticus* Apostolov, 1968b (after Marinov, 1974c).

Description of the male: Crisafi, 1961.

Amendments: Marinov, 1974c; Kunz, 1975a and 1984a; Apostolov & Marinov, 1988.

Phyllopodopsyllus danielae Bodin, 1964

Phyllopodopsyllus laticauda (f) Por, 1964a

Phyllopodopsyllus medius Por, 1964a

Phyllopodopsyllus parabradyi Lang, 1965b

Phyllopodopsyllus borutzkyi Lang, 1965b

Phyllopodopsyllus biarticulatus Wells, 1967

Phyllopodopsyllus bahamensis (f) Geddes, 1968a

Phyllopodopsyllus opisthoceratus Geddes, 1968a

Phyllopodopsyllus parafurciger Geddes, 1968a

Phyllopodopsyllus parafurciger carolinensis Coull, 1971b

Phyllopodopsyllus hermani Coull, 1969a

Phyllopodopsyllus paraxenus Coull, 1970a

Phyllopodopsyllus chavei Coull, 1970a

Phyllopodopsyllus laspalmensis (f) Marinov, 1973c

Phyllopodopsyllus langi Kunz, 1975b

Phyllopodopsyllus paraborutzkyi Kunz, 1975b

Phyllopodopsyllus curtus Marcus, 1976b

Species close to *Ph. longicaudatus* A. Scott and to *Ph. bermudae* Lang, after its author.

Phyllopodopsyllus punctatus Kitazima, 1981

Species close to *Ph. longipalpatus* (Chappuis), after its author.

Phyllopodopsyllus simplex Kitazima, 1981

Species close to *Ph. bermudae* Lang and to *Ph. curtus* Marcus, after its author.

Phyllopodopsyllus setouchiensis Kitazima, 1981

Species close to *Ph. briani* Petkovski, after its author.

Redescription: Mielke, 1992b.

Phyllopodopsyllus angolensis Kunz, 1984a

Redescription: Mielke, 1989b.

Phyllopodopsyllus longipalpatus (Chappuis) *madagascariensis* (f) Kunz, 1984a

Phyllopodopsyllus longipalpatus (Chappuis) *hawaiiensis* Kunz, 1984b

Phyllopodopsyllus petkovskii Kunz, 1984b

Phyllopodopsyllus geddesi Kunz, 1984b

Phyllopodopsyllus gertrudi Kunz, 1984b

Phyllopodopsyllus gertrudi costaricensis Mielke, 1992b

Phyllopodopsyllus mielkei Kunz, 1984b

Phyllopodopsyllus mielkei californicus (f) Kunz, 1984b

Phyllopodopsyllus alatus Fiers, 1986f

Phyllopodopsyllus crenulatus Wells & Rao, 1987

Phyllopodopsyllus stigmosus Wells & Rao, 1987

Phyllopodopsyllus tenuis Wells & Rao, 1987

Phyllopodopsyllus gracilipes Wells & Rao, 1987

Phyllopodopsyllus galapagoensis Mielke, 1989b

Species very close (synonym?) to *P. crenulatus* Wells & Rao, 1987.

Phyllopodopsyllus kunzi Mielke, 1989b

Phyllopodopsyllus ancylus Mielke, 1992b

Phyllopodopsyllus carinatus Mielke, 1992b

Phyllopodopsyllus pallaresae Kunz, 1995a

Species very close (synonym?) to *P. stigmosus* Wells & Rao, 1987.

Phyllopodopsyllus hartmannorum (f) Kunz, 1995a

Phyllopodopsyllus yucatanensis Fiers, 1995

Species incertae

Phyllopodopsyllus thiebaudi (m) Petkovski (?) *sensu* Wells & McKenzie, 1973

Phyllopodopsyllus tristanensis (Wiborg, 1964)

Comb. nov. (Bodin, 1971) for *Paraphyllopodopsyllus tristanensis* Wiborg, 1964. Species considered questionable by Coull, 1973e (the specimens were lost, cf. Wiborg, 1964, p. 34).

Genus *Pteropsyllus* T. Scott, 1906

Pteropsyllus consimilis (T. Scott, 1894)

Synonyms: *Pt. plebeius* Monard, 1935 and *Pteropsyllus* sp. (m) Wells, 1961 (after Wells, 1967). But Kunz (1971b) did not agree to consider *Pt. plebeius furcatus* Kunz (1938) as a synonym of *Pt. consimilis*.

Species nova

Pteropsyllus trisetosus Mielke, 1989b

Genus *Diagoniceps* Willey, 1930

Key to the species: Coull, 1973e; Bodin, 1979a; Huys, 1995b.

Diagoniceps laevis Willey, 1930

Redescription: Yeatman, 1980 (partially), Fiers, 1995.

Species nova

Diagoniceps mexicana Fiers, 1995

Species inquirenda

Diagoniceps monodi Chappuis & Kunz, 1955

The systematic position of this species (the types of which have disappeared) was discussed by Fiers, 1995.

Genus *Laophontella* Thompson & A. Scott, 1903

Synonym: *Willeyella* Por, 1964a.

Key to the species: Coull, 1973e.

This genus placed within the **Laophontidae** (as '*genus incertum*') by Lang (1948), was allocated (with reserves) to the **Tetragonicipitidae** in Lang (1965b). It comprises the following species:

Laophontella typica Thompson & A. Scott, 1903

The specimen described by Thompson & A. Scott is a male, not a female (cf. Bodin, 1967, p. 40 and Wells & Rao, 1987, p. 153).

Synonyms: *Phyllopodopsyllus armatus* Willey, 1935 (after Wells & Rao, 1987), '*species incerta sedis*' in Lang (1948) and transferred to the genus *Laophontella* as *L. armata* in Lang (1965b).

Willeyella armata (Willey) *sensu* Por, 1964a (after Lang, 1965b).

Laophontella armata var. *indica* Sewell, 1940 (after Wells & Rao, 1987). The genus *Laophontella* was considered as member of the **Cletodidae** by Sewell.

Amendments: Geddes, 1968a (as *Laophontella armata*).

*Species novae****Laophontella horrida*** (f) (Por, 1964)

Nom. nov. (Lang, 1965b; Bodin, 1967) for *Willeyella horrida* Por, 1964a.

Description of the male: Bodin, 1964 (as *Phyllopodopsyllus* sp.).

Laophontella horrida dentata Mielke, 1992b***Laophontella horrida namibiensis*** Kunz, 1994c**Genus *Oniscopsis*** Chappuis, 1954b

Following Chappuis, Becker & Kunz (1981) advanced the opinion that this genus should be attributed to the family **Tetragonicipitidae**, and not to the **Paramesochridae** as stated in Lang (1965b).

Oniscopsis pauliani Chappuis, 1954b

Redescription: Cottarelli, Saporito & Puccetti, 1986a.

Oniscopsis robinsoni (f) Chappuis & Delamare Deboutteville, 1956

Amendments: Mielke, 1992b.

Redescription: Cottarelli, Saporito & Puccetti, 1986a; Mielke, 1989b.

Oniscopsis inabai Kitazima, 1983***Oniscopsis dimorphus*** Wells & Rao, 1987**Genus *Protogoniceps*** Por, 1964a***Protogoniceps hebraeus*** Por, 1964a

Por (1964a) considered this genus as a 'common ancestor of **Tetragonic(ipitidae)**', which was contested by Lang (1965b) who pointed out to the fact that the description of the Exp. P₁ did not met with the illustration given by Por (pl. 19, fig. 211). But Coull (1973e) corrected the description of the Exp. P₁ after consultation of Por's original drawings.

Genus *Paraschizopera* Wells, 1981

Synonyms: *Paraschizopera* Becker, 1972 (thesis), genus considered invalid by Becker & Schriever (1979) because the description was made from a single copepodid V. In contrast, Wells (1981), recognized the particular status of this specimen and validated the genus, which was confirmed by Huys (1995b).

Nidiagoceps Fiers, 1995.

Key to the species: Huys, 1995b.

Paraschizopera beckeri Wells, 1981

Synonym: *Paraschizopera* sp. Becker, 1972.

Besides the type-species, Huys (1995b) incorporated into this genus species from the '*menaiensis* group' of the genus *Diagoniceps*, namely: *P. menaiensis* (Geddes) and *P. trifida* (Yeatman).

Paraschizopera menaiensis (Geddes, 1968)

Comb. nov. (Huys, 1995b) for *Diagoniceps menaiensis* Geddes, 1968d.

Synonym: *Nidiagoceps menaiensis* (Geddes) *sensu* Fiers, 1995.

Amendments: Bodin, 1979a; Huys, 1995b.

Redescription: Fiers, 1995 (as *Nidiagoceps menaiensis*).

Paraschizopera trifida (f) (Yeatman, 1980)

Comb. nov. (Huys, 1995b) for *Diagoniceps trifidus* Yeatman, 1980.

Synonym: *Nidiagoceps trifidus* (Yeatman, 1980) *sensu* Fiers, 1995.

Genus ****Aigondiceps*** Fiers, 1995***Aigondiceps bocki*** (Lang, 1948)

Comb. nov. (Fiers, 1995) for *Diagoniceps bocki* Lang, 1948.

Redescription of the female and description of the male: Por, 1964b (as *Diagoniceps bocki*).

Redescription: Fiers, 1995.

Aigondiceps kunzi (f) (Marinov, 1974)

Comb. nov. (Fiers, 1995) for *Diagoniceps kunzi* Marinov, 1974c.

Amendments: Apostolov & Marinov, 1988 (as *Diagoniceps kunzi*).

Aigondiceps brevicauda (m) (Huys, 1995)

Comb. nov. for *Paraschizopera brevicauda* Huys, 1995b.

Synonyms: *Diagoniceps* sp. Bodin, 1979a (after Huys, 1995b).

Aigondiceps bodini Fiers, 1995.

Amendments: Fiers, 1995 (as *Aigondiceps bodini*).

Genus ****Odaginiceps*** Fiers, 1995***Odaginiceps clarkae*** Fiers, 1995***Odaginiceps elegantissima*** (f) Fiers, 1995

Synonym: *Diagoniceps laevis* Willey *sensu* Coull (1970) and Coull & Herman (1970).

Odaginiceps xamaneki Fiers, 1995Genus ****Godianiceps*** Fiers, 1995***Godianiceps maya*** Fiers, 1995

Fam. **CANTHOCAMPTIDAE** Sars, 1906 (part.), Monard, 1927 (part.), Lang, 1948

After a detailed review of the literature *pro*-1948, Lang rejected the previously proposed subdivisions of the family **Canthocamptidae**. However, Borutzky (1952) subdivided the family in 4 subfamilies:

- Canthocamptinae Chappuis, 1929
- Morariinae Borutzky, 1952
- Epactophaninae Borutzky, 1952
- Halocanthocamptinae Pesta, 1932

In his revision of the **Cletodidae**, Por (1986a) suggested to transfer some genera of this family (*Heteropsyllus*, *Hemimesochra*, *Mesopsyllus*, *Poria*, *Dahlakia*) to a new subfamily of the **Canthocamptidae**: the Hemimesochrinae. Furthermore he placed the genera *Cletocamptus* and *Parepactophanes* together with two 'Cletodidae' species provisionally in the '**Canthocamptidae incertae sedis**'. ? *Leimia dubia* Wells considered by Por (1986a) as an *incertae sedis* in the family, was included in the genus *Boreolimella* by Huys & Thistle (1989).

Martinez Arbizu & Moura (1994) considered the **Cylindropsyllidae** Sars, Lang as polyphyletic and dissolved it, incorporating the Cylindropsyllinae in the **Canthocamptidae**.

Huys (1990c) removed the genus *Orthopsyllus* from this family to place it in the **Orthopsyllidae** fam. nov. (until now without diagnosis) and mentioned two new genera (without diagnosis as well).

Note: Lang (1965b p. 411), Bodiou & Colomines (1986) and Cottarelli & Venanzetti (1989) provided a key to the genera of the **Cylindropsyllidae**, the latter adding the genera *Neopsammastacus*, *Minervella* and *Psamathea*.

The genera *Psammastacus* and *Leptastacus* were thoroughly revised by Huys, 1992.

For the genera exclusively living in freshwater, reference should be made to Borutzky (1952, 1964), Dussart (1967) and Dussart & Defaye, 1990.

Genus *Mesochra* Boeck, 1865

Key to the species: Hamond, 1971; Fiers & Rutledge, 1990.

Mesochra pygmaea (Claus, 1863)

Synonym: *M. pygmaea* var. *meridionalis* Steuer, 1943 (after Hamond, 1971).

Amendments: Vos, 1945; Klie, 1950; Noodt, 1952b; Candeias, 1959; Pesta, 1959; Yeatman, 1963; Chislenko, 1967; Bodin, 1970 (as *Leptomesochra* sp.); Hamond, 1971; Mielke, 1975; Chislenko, 1977; Marinov & Apostolov, 1985; Apostolov & Marinov, 1988.

Mesochra lilljeborgi Boeck, 1865

Amendments: Veldre & Maesmets, 1956; Yeatman, 1963; Chislenko, 1967; Dussart, 1967; Apostolov & Marinov, 1988.

Mesochra rapiens (Schmeil, 1894)

Amendments: Veldre & Maesmets, 1956; Dussart, 1967; Apostolov, 1973e; Apostolov & Marinov, 1988.

Mesochra inconspicua (T. Scott, 1899)

Description of the male: Klie, 1950.

Amendments: Mielke, 1975.

Mesochra aestuarii Gurney, 1921

Synonyms: *M. pontica* (f) Apostolov, 1969b and *M. apostolovi* Bodin, 1971 (after Hamond, 1971).

Amendments: Apostolov, 1973b and 1973e; Apostolov & Marinov, 1988; Gunduz, 1989.

Mesochra rostrata Gurney, 1927

Description of the male: Raibaut, 1967.

Amendments: Por, 1973.

Mesochra wolskii Jakubisiak, 1933

Redescription: Fiers & Rutledge, 1990.

Mesochra flava Lang, 1933

Redescription: Soyer (1977) considered *Mesochra flava* Lang *sensu* Pallares (1968a) as a distinct species and described it under the name *Mesochra pallaresi* (see below).

Mesochra heldti Monard, 1935

Description of the male: Wells, 1963a. (description quite short)

Amendments: Wells, 1963a; Dussart, 1967; Bodin, 1972b; Apostolov & Marinov, 1988.

Mesochra armoricana Monard, 1935

Amendments: Roe, 1958 (as *M. amoricana*); Ceccherelli & Rossin, 1979.

Redescription of the male: Marcus & Por, 1961.

Mesochra xenopoda Monard, 1935

Amendments: Apostolov, 1973b; Apostolov & Marinov, 1988.

*Species novae**Mesochra arenicola* (f) Nicholls, 1940*Mesochra parva* Thomson, 1946

Redescription: Hamond, 1971.

Mesochra pestai Lang, 1948

Amendments: Apostolov & Marinov, 1988.

Mesochra anomala Klie, 1950

Redescription of the female (with reserves): Bodin, 1979a.

Mesochra suifunensis Borutzky, 1952

Amendments: Shen & Tai, 1962.

Mesochra stellfeldi Jakobi, 1954b*Mesochra paranaensis* (f) Jakobi, 1954b*Mesochra dulcicula* (f) Jakobi, 1956*Mesochra alaskana* (f) M.S. Wilson, 1958*Mesochra lindbergi* Petkovski, 1964b*Mesochra pontica* Marcus, 1965

Amendments: Bodin, 1972b.

Mesochra quadrispinosa Shen & Tai, 1965

Mesochra mexicana (f) M.S. Wilson, 1971

Description of the male: Coull & Bell, 1979.

Mesochra baylyi Hamond, 1971

Synonyms: *Mesochra* sp. Bayly & Williams (1966) and *Mesochra* sp. nov. Bayly (1970).

Mesochra hinumaensis Kikuchi, 1972

Mesochra schmidtii Mielke, 1974

Mesochra bodini Kunz, 1975b

Mesochra pallaresi Soyer, 1977

Synonym: *M. flava* Lang *sensu* Pallares, 1968a. However, Hamond (1971) recognized Pallares' identification.

Species incertae

Mesochra pygmaea (Claus) (f)? de Nicholls, 1941a

Mesochra reducta Klie, 1950

The validity of this species was questioned by Petkovski, 1964b.

Mesochra sp. cf. *heldti* Monard (f) *sensu* Margalef, 1953

'Probablemente nueva' after its author, this species is too poorly described to be valid.

Mesochra rapiens (Schmeil) (m)? *sensu* Por, 1960a

Mesochra heldti Monard? de Bodin, 1972a

Mesochra sp. (f) Hamond, 1971

This female found in G.O. Sars' collection, labelled '*Mesochra pygmaea* Victoria', is not conspecific with *M. pygmaea* (Claus) but resembles more closely *M. timsae* Gurney (after Hamond, 1971).

Genus *Itunella* Brady, 1896

Itunella muelleri (Gagern, 1922)

Synonym: *I. bacescui* Chappuis & Serban, 1953 (after Noodt, 1955e and Apostolov, 1973b).

Amendments: Chislenko, 1967; Marinov, 1971; Bodin, 1973; Apostolov, 1973b; Apostolov & Marinov, 1988.

Species nova

Itunella intermedia Apostolov, 1975

Amendments: Apostolov & Marinov, 1988.

Genus *Pholetiscus* Humes, 1947

This genus was attributed to the *Ameiridae* by its author, which was corrected by Lang (1965b).

Pholetiscus wilsoni (Pearse, 1930)

Comb. nov. (Humes, 1947) for *Cancrincola wilsoni* Pearse, 1930; specimens collected from the branchial cavities of *Sesarma haematocheir* (de Haan) and *Sesarma pictum* (de Haan) (Crustacea, Decapoda) by Pearse (1930).

Pholetiscus orientalis Humes, 1947

Species found in the branchial cavities of *Sesarma eumolpe* de Man, *Sesarma taeniolum* White and *Sesarma palawanense* Rathbun (Crustacea, Decapoda).

Pholetiscus rectiseta Humes, 1956

Species found in the branchial cavities of *Sesarma meinerti* de Man (Crustacea, Decapoda).

Genus *Ophirion* Por, 1967*Ophirion communis* Por, 1967Genus *Psammocamptus* Mielke, 1975*Psammocamptus axi* Mielke, 1975Subfam. **Hemimesochrinae** Por, 1986a

Tentatively created to distinguish the following genera from all other **Canthocamptidae** pending a revision of this family.

Genus *Heteropsyllus* T. Scott, 1894

Key to the species: Coull, 1975; Coull & Palmer, 1980.

Heteropsyllus major (Sars, 1920)

Synonym: *H. dimorphus* Por, 1959 (after Coull, 1975).

Amendments (m): Bodin, 1970; Apostolov & Marinov, 1988.

Heteropsyllus rostratus (Sars, 1920)

Description of the male: Por, 1964b.

*Species novae**Heteropsyllus rostratus similis* (f) Smirnov, 1946*Heteropsyllus masculus* (m) Kunz, 1971

Nom. nov. (Kunz, 1971b) for *H. major* (m) (Sars) *sensu* Klie, 1950.

Heteropsyllus meridionalis Soyler, 1975d*Heteropsyllus confluens* Soyler, 1975d*Heteropsyllus nunni* Coull, 1975*Heteropsyllus pseudonunni* (f) Coull & Palmer, 1980

The species *H. serratus* Schriever (1983) was provisionally placed in the '**Canthocamptidae incertae sedis**' by Por (1986a).

Genus *Hemimesochra* Sars, 1920

According to Huys & Thistle (1989) this genus assembles only the type-species, *Hemimesochra clavularis* Sars.

Genus *Nannomesochra* Gurney, 1932

Nannomesochra arupinensis (Brian, 1925)

Amendments: Noodt, 1953; Apostolov & Marinov, 1988.

Species nova

Nannomesochra zavodniki (f) Petkovski & Apostolov, 1974

Genus *Parepactophanes* Kunz, 1935

Initially placed in **Canthocamptidae** by its author, this genus was allocated to the **Cletodidae** by Lang (1948); it was recently re-assigned to the **Canthocamptidae** by Por (1986a).

Synonym: *Taurocletodes* Kunz, 1975a (after Kunz, 1983).

Parepactophanes dubia (f) Noodt, 1958b

Synonym: *Taurocletodes gallicus* Kunz, 1975a (after Kunz, 1983).

Amendments and description of the male: Kunz, 1983.

Genus *Mesopsyllus* Por, 1960b

This genus was considered as a synonym of *Hemimesochra* Sars by its author (Por, 1964a). But Lang (1965b) reasserted its validity.

Mesopsyllus atargatis (f) Por, 1960b

Synonym: *Hemimesochra atargatis* (Por, 1964b).

Mesopsyllus secundus (Wells, 1965)

Comb. nov. (Huys & Thistle, 1989) for *Hemimesochra secunda* Wells, 1965b.

Genus *Poria* Lang, 1965b

Poria derketo (f) (Por, 1964)

Comb. nov. (Lang, 1965b) for *Hemimesochra derketo* Por, 1964a.

Genus *Dahlakia* Por, 1986a

Dahlakia xenuus (Por, 1968)

Comb. nov. (Por, 1986a) for *Cletocamptus xenuus* Por, 1968a.

Genus **Bathycamptus* Huys & Thistle, 1989

Bathycamptus eckmani Huys & Thistle, 1989

Designated as type-species of the genus

Bathycamptus minutus (m) (Wells, 1965)

Comb. nov. (Huys & Thistle, 1989) for ? *Heteropsyllus minutus* Wells, 1965b.

Genus **Boreolimella* Huys & Thistle, 1989

Boreolimella nympha (f) (Por, 1964)

Comb. nov. (Huys & Thistle, 1989) for *Hemimesochra nympha* Por, 1964b.

Boreolimella dubia (f) (Wells, 1965)

Comb. nov. (Huys & Thistle, 1989) for ? *Leimia dubia* Wells, 1965b.

Genus **Perucamptus* Huys & Thistle, 1989

Perucamptus rapiens (f) (Becker, Noodt & Schriever, 1979)

Comb. nov. (Huys & Thistle, 1989) for *Hemimesochra rapiens* Becker, Noodt & Schriever, 1979.

Genus **Pusillargillus* Huys & Thistle, 1989

Pusillargillus nixe (Por, 1964)

Comb. nov. (Huys & Thistle, 1989) for *Hemimesochra nixe* Por, 1964a.

Genus **Amphibiperita* Fiers & Rutledge, 1990

Synonym: *Mesochra* (part.) after Fiers & Rutledge, 1990.

Amphibiperita neotropica (Jakobi, 1956)

Synonym: *Mesochra neotropica* Jakobi (1956), after Fiers & Rutledge, 1990.

Redescription: Fiers & Rutledge, 1990.

Subfam. *Cylindropsyllinae* Lang, 1948

Genus *Cylindropsyllus* Brady, 1880

Key to the species: Huys & Willems, 1993.

Cylindropsyllus laevis Brady, 1880

Redescription: Huys, 1988c.

Species novae

Cylindropsyllus remanei Kunz, 1949

Redescription: Huys, 1988c.

Cylindropsyllus kunzi (f) Huys, 1988c

Cylindropsyllus ibericus (m) Huys & Willems, 1993

Cylindropsyllus govaerei (m) Huys & Willems, 1993

Species incerta

Cylindropsyllus sp. Monard, 1935

Huys (1988c) considered the assignation of the single specimen (juvenile) found by Monard to the genus *Cylindropsyllus* as doubtful.

Genus *Evansula* T. Scott, 1906

Evansula incerta (T. Scott, 1892)

Amendments: Scheibel, 1972.

Evansula pygmaea (T. Scott, 1903)

Amendments: Scheibel, 1972; Mielke, 1975.

Species nova

Evansula arenicola Nicholls, 1940

Genus *Stenocaris* Sars, 1909

Key to the species: Kunz, 1994a.

Stenocaris minor (T. Scott, 1892)

Amendments: Marinov, 1971; Apostolov, 1971b (m); Apostolov & Marinov, 1988.

Stenocaris minuta Nicholls, 1935

Amendments: Noodt, 1952b; Mielke, 1975.

Stenocaris kliei Kunz, 1938

Amendments: Huys & Conroy-Dalton, 1993.

Species novae

Stenocaris pontica Chappuis & Serban, 1953

Amendments: Marinov, 1971; Apostolov, 1972; Apostolov & Marinov, 1988.

Redescription: Kunz, 1994a.

Stenocaris pygmaea (f) Noodt, 1955c

This species, considered as a synonym of *St. pontica* Chappuis & Serban (Marinov, 1971 and Apostolov, 1972), was reinstated by Huys & Conroy-Dalton (1993).

Stenocaris intermedia Itô, 1972a

Stenocaris baltica (m) Arlt, 1983

This species possibly is a synonym of *St. minuta*, after Kunz (1994a).

Species ignota

Apostolov (1972) provided some illustrations about a certain species '*Stenocaris minutus* Sars' (without precision of date), a species which he already mentioned in a previous paper (Apostolov, 1971a). To my knowledge, this species either does not exist; or refers to *St. minuta* Nicholls.

Genus *Cylinula* Coull, 1971b*Cylinula proxima* Coull, 1971b

Redescription: Huys & Willems, 1993.

Cylinula arganoi Cottarelli & Venanzetti, 1989

Redescription: Huys & Willems, 1993.

Genus *Boreopontia* Willems, 1981

This genus displays characters of both Cyliindropsyllinae and Leptopontiinae; but seems most closely to the Cyliindropsyllinae and, more exactly, to the genus *Stenocaris* (after Willems, 1981).

Boreopontia heipi Willems, 1981

Synonym: *Arenopontia* sp. A *sensu* Willems, Vincx, Claeys, Vanosmael & Heip (1982), after Willems, 1981.

Redescription: Huys & Conroy-Dalton, 1993.

Genus *Stenocaropsis* Apostolov, 1982

Key to the species: Kunz, 1994a.

Stenocaropsis pristina (Wells, 1968)

Comb. nov. (Apostolov, 1982) for *Stenocaris pristina* Wells, 1968.

Amendments: Huys & Conroy-Dalton, 1993; Kunz, 1994a.

Stenocaropsis profundus (f) (Becker, Noodt & Schriever, 1979)

Comb. nov. (Kunz, 1994a) for *Stenocaris profundus* Becker, Noodt & Schriever, 1979.

Stenocaropsis abyssalis (m) (Becker, Noodt & Schriever, 1979)

Comb. nov. (Kunz, 1994a) for *Stenocaris abyssalis* Becker, Noodt & Schriever, 1979.

Stenocaropsis similis Cottarelli & Venanzetti, 1989

Redescription: Kunz, 1994a.

*Species inquirenda**Stenocaropsis valkanovi* (Marinov, 1974)

Comb. nov. (Apostolov, 1982) for *Stenocaris valkanovi* Marinov, 1974c. After Kunz (1994a), this species probably is a synonym of *S. similis*.

Synonyms: *Arenopontia* sp. Griga, 1962 (after Marinov, 1971, 1974c) and *Stenocaris pristina* Wells *sensu* Apostolov, 1973c.

Amendments: Apostolov & Marinov, 1988.

Genus **Willemsia* Huys & Conroy-Dalton, 1993*Willemsia calceola* Huys & Conroy-Dalton, 1993

Genus **Navalonia* Huys & Conroy-Dalton, 1993

Navalonia kerguelenensis (Bodiou, 1977)

Comb. nov. (Huys & Conroy-Dalton, 1993) for *Stenocaris kerguelenensis* Bodiou, 1977.

Canthocamptidae incertae sedis

The following taxa of the *Cletodidae sensu* Lang, are tentatively grouped here (after Por, 1986a).

Heteropsyllus serratus (f) Schriever, 1983

Genus *Cletocamptus* Schmankevitch, 1875

Revision of the genus: Fleeger, 1980.

This genus includes brackish-water species.

Cletocamptus retrogressus Schmankevitch, 1875

Amendments: Dussart, 1967; Apostolov & Marinov, 1988.

Cletocamptus confluens (Schmeil, 1894)

Amendments: Dussart, 1967; Apostolov, 1973b

Cletocamptus albuquerquensis (Herrick, 1894)

Redescription: Pallares, 1962.

Cletocamptus deitersi (Richard, 1897)

Amendments: Herbst, 1960; Hamond, 1973a; Fleeger, 1980; Morales *et al.*, 1996.

Species nova

Cletocamptus helobius Fleeger, 1980

Species incerta

Cletocamptus cf. *bicolor* (Wilson) *sensu* Herbst, 1960

Fam. ***ORTHOPSYLLIDAE** Huys, 1990c

Huys (1990c) created this family which assembles the genus *Orthopsyllus* (thus removed from the **Canthocamptidae**) and two new genera: *Dionyx* and *Infrapedia*. But, since diagnoses of these new taxa did not appear in the scientific literature, they have to be treated as *nomina nuda*.

Genus *Orthopsyllus* Brady & Robertson, 1873

Synonym: *Katacletodes* Jakobi, 1954a (genus placed within **Cletodidae** by its author), after Vervoort (1964), Bodin (1964), Lang (1965b) and Boer (1971).

In a complete revision of the genus, Boer (1971) distinguished only four valid species: *O. linearis* (Claus), *O. wallini* Lang, *O. sarsi* Klie and *O. spinicaudatus* Krishnaswamy. In his review, *O. linearis* was subdivided in four groups (*linearis* s. str., *major*, *improportionatus* (correct name instead of *improportionalis*) and *illgi*). Lang (1965b) recognized also *O. littoralis* Nicholls (1942a), but this species was considered as a synonym of *O. wallini* by Boer (1971).

Orthopsyllus linearis (Claus, 1866)

Accepting Lang's (1965b) conclusions, Kunz (1971b) advised that every *Orthopsyllus* specimen reported from Helgoland until 1971 has to be referred to *O. linearis*.

Amendments: Pesta, 1959; Bodin, 1964 (as *O. propinquus* Monard); Wells, 1968; Pallares, 1968a; Kunz, 1983.

Thus, according to Boer (1971) proposed the following distribution:

Orthopsyllus linearis s. str. (Claus, 1866)

Synonyms: *O. propinquus* Monard, 1926

O. agnatus Klie, 1950

O. linearis f. *bulbosus* Noodt, 1955d

Orthopsyllus sp. Hamond, 1970

Orthopsyllus linearis major Klie, 1939, 1941

Comb. nov. (Boer, 1971) for *O. major* Klie, 1939, 1941a.

Orthopsyllus linearis improportionatus (Jakobi, 1954)

Comb. nov. (Vervoort, 1964; Bodin, 1964; Lang, 1965b; Boer, 1971) for *Katacletodes improportionatus* Jakobi, 1954a. Boer transformed the name in writing *K. improportionalis*.

Synonyms: *O. linearis* (Claus) *sensu* T. Scott, 1912 (et 1893?)

O. linearis (Claus) *sensu* Pesta, 1916

O. linearis (Claus) *sensu* Lang, 1965b

Orthopsyllus linearis illgi (Chappuis, 1958)

Comb. nov. (Lang, 1965b; Boer, 1971) for *Enhydrosoma illgi* Chappuis, 1958.

Synonyms: *O. rugosus* (f) Nicholls, 1941a

O. similis Nicholls, 1942a

O. pectinicauda Vervoort, 1964

With less certainty:

O. dubius Vervoort, 1964

Orthopsyllus sp. (m) Sewell, 1940 (Vervoort, 1964 recognized this specimen as the male of

O. rugosus Nicholls).

Amendments: Marinov & Apostolov, 1985; Apostolov & Marinov, 1988.

Redescription: Lang, 1965b (as *O. illgi*).

Orthopsyllus linearis setosus (f) Boer, 1971

Orthopsyllus linearis curvaspina Mielke, 1993

Orthopsyllus wallini Lang, 1934

Synonym: *O. littoralis* Nicholls, 1942a (after Boer, 1971).

Species novae

Orthopsyllus sarsi Klie, 1941a

Orthopsyllus spinicaudatus Krishnaswamy, 1957b

Orthopsyllus coralliophilus Fiers, 1987b

Species incerta

Orthopsyllus sp. (f) Apostolov, 1977

Species close to *O. linearis illgi*, after its author.

Nomina nuda

Genus **Dionyx* Huys, 1990c

Genus **Infrapedia* Huys, 1990c

Fam. ***LEPTOPONTIIDAE** Lang, 1948 *sensu* Martinez Arbizu & Moura, 1994

(*grad. nov.* Martinez Arbizu & Moura, 1994)

Martinez Arbizu & Moura (1994) considered the **Cylindropsyllidae** polyphyletic and, after allocating the **Cylindropsyllinae** to the **Canthocamptidae**, upgraded the **Leptopontiinae** to family rank. Within the **Leptopontiidae** three subfamilies (**Leptopontiinae**, **Arenopontiinae**, and **Psammopontiinae**) were recognized.

Subfam. **Leptopontiinae** Lang, 1948

Genus ***Leptopontia*** T. Scott, 1902

An amended diagnosis of the genus was provided by Huys & Conroy-Dalton, 1996.

Leptopontia curvicauda T. Scott, 1902

Amendments: Mielke, 1975; Apostolov & Marinov, 1988; Huys & Conroy-Dalton, 1996.

Redescription of the male: Huys & Conroy-Dalton, 1996.

Species novae

Leptopontia dovpori Huys & Conroy-Dalton, 1996

Leptopontia punctata Huys & Conroy-Dalton, 1996

Synonyms: *L. curvicauda* T. Scott *sensu* Kunz, 1938; *L. curvicauda* T. Scott *sensu* Wells, Kunz & Rao, 1975 and probably *L. curvicauda* T. Scott *sensu* Por, 1964b (after Huys & Conroy-Dalton, 1996).

Leptopontia flandrica Huys & Conroy-Dalton, 1996

Synonym: *Leptopontia* sp. *sensu* Huys & Boxshall, 1991 (after Huys & Conroy-Dalton, 1996).

Leptopontia mediterranea (m) Huys & Conroy-Dalton, 1996

Species described from a single copepodid V.

Leptopontia breviariculata Huys & Conroy-Dalton, 1996

Synonym: *Leptopontia* sp. *sensu* Mielke, 1982b (after Huys & Conroy-Dalton, 1996).

Leptopontia americana Huys & Conroy-Dalton, 1996

Synonym: *L. curvicauda* T. Scott *sensu* Coull & Dudley, 1985 (part.) (after Huys & Conroy-Dalton, 1996).

Species inquirendae

Leptopontia curvicauda T. Scott, 1902 *sensu* Klie, 1950 (after Huys & Conroy-Dalton, 1996)

Leptopontia curvicauda T. Scott, 1902 *sensu* Marinov, 1971 (after Huys & Conroy-Dalton, 1996)

Leptopontia curvicauda T. Scott, 1902 *sensu* Apostolov, 1973c (after Huys & Conroy-Dalton, 1996)

Subfam. * **Arenopontiinae** Martinez Arbizu & Moura, 1994Genus **Arenopontia** Kunz, 1937

Synonyms: *Psammoleptastacus* Pennak, 1942 and *Neoleptastacus* Nicholls, 1945b (after Chappuis, 1954b; Noodt, 1955c and Lang, 1965b). However, in Wells' (1967) opinion *Neoleptastacus* is a subgenus of *Arenopontia*, which effectively seems more logical (genera *Psammoleptastacus* and *Neoleptastacus* were initially placed within the **Canthocamptidae** by their authors).

Key to the species: Lang, 1965b (p. 419); Bodiou & Colomines, 1986.

Subgenus **Arenopontia** s. str. Kunz**Arenopontia (A.) subterranea** Kunz, 1937

Synonym: *A. pontica* Apostolov, 1969b (after Marinov, 1971). But Apostolov (1973b) claimed that *A. pontica* is a subspecies of *A. subterranea*.

Amendments: Chappuis, 1954a and 1954c; Rao & Ganapati, 1969b; Marinov, 1971; Mielke, 1975; Lindgren, 1976; Arlt, 1983; Apostolov & Marinov, 1988.

*Species novae***Arenopontia (A.) arenarida** (Pennak, 1942)

Comb. nov. (Noodt, 1955c and Lang, 1965b) for *Psammoleptastacus arenaridus* Pennak, 1942.

Amendments: Lindgren, 1976.

Arenopontia (A.) stygia Noodt, 1955c

Amendments: Marinov, 1971; Lindgren, 1976; Apostolov & Marinov, 1988.

Arenopontia (A.) orientalis (Krishnaswamy, 1957)

Comb. nov. (Lang, 1965b) for *Psammoleptastacus orientalis* Krishnaswamy, 1957b.

Arenopontia (A.) intermedia (f) Rouch, 1962**Arenopontia (A.) dillonbeachia** (f) Lang, 1965b

Description of the male: Itô, 1969.

Arenopontia (A.) problematica Masry, 1970**Arenopontia (A.) nesaie** Cottarelli, 1975**Arenopontia (A.) riedli** Lindgren, 1976**Arenopontia (A.) peteraxi** Mielke, 1982b

Species close to *A. intermedia* Rouch and *A. orientalis* Krishnaswamy, after Mielke (1982b).

Amendments: Mielke, 1982c, 1987b.

Arenopontia (A.) pacifica Mielke, 1985c**Arenopontia (A.) spicata** Mielke, 1985c

Amendments: Mielke, 1987b.

Arenopontia (A.) clasingi Mielke, 1985c

Species incerta

Arenopontia subterranea Kunz? *sensu* Serban & Eitel Lang, 1957

Subgenus *Neoleptastacus* Nicholls

Arenopontia (*N.*) *spinicaudata* (Nicholls, 1945)

Comb. nov. (Chappuis, 1954b; Noodt, 1955c; Lang, 1965b) for *Neoleptastacus spinicaudatus* Nicholls, 1945b.

Amendments: Chappuis, 1958.

Arenopontia (*N.*) *australis* Chappuis, 1952

Arenopontia (*N.*) *acantha* Chappuis, 1954d

Amendments: Bozic, 1967 and Cottarelli, 1973 (both as *A. acantha*).

Arenopontia (*N.*) *acantha accraensis* Lang, 1965

Nom. nov. (Kunz, 1971a) for *A. longiremis* Chappuis, 1954b *sensu* Chappuis & Rouch, 1961a. Lang (1965b) upgraded the subspecies to specific rank: *A. accraensis*.

Arenopontia (*N.*) *longiremis* Chappuis, 1954b

Amendments: Chappuis & Rouch, 1961a; Wells, 1967 (the latter distinguished two varieties in the specimens found along the coasts of Inhaca Island).

Arenopontia (*N.*) *secunda* (Krishnaswamy, 1957)

Comb. nov. (Lang, 1965b; Wells, 1967) for *Neoleptastacus secundus* Krishnaswamy, 1957b.

Arenopontia (*N.*) *africana* Chappuis & Rouch, 1961a

Arenopontia (*N.*) *africana angolensis* (f) Kunz, 1971a

Arenopontia (*N.*) *indica* Rao, 1967

Synonym: *Arenopontia* (*N.*) *sakagami* Itô, 1978 (after Wells & Rao, 1987).

Redescription: Wells & Rao, 1987.

Arenopontia (*N.*) *ishikariana* Itô, 1968

Arenopontia (*N.*) *gussoae* Cottarelli, 1973

Arenopontia (*N.*) *chaufriassei* Bodiou & Colomines, 1986

Arenopontia (*N.*) *ornamenta* Mielke, 1987b

Arenopontia (*N.*) *reductaspina* Mielke, 1987b

Arenopontia (*N.*) *phreatica* (m) Cottarelli, Bruno & Venanzetti, 1994

Arenopontia (*N.*) *speluncae* Cottarelli, Bruno & Venanzetti, 1994

Species incertae

Arenopontia? *gussoae* Cottarelli *sensu* Mielke, 1982c

Amendments: Mielke, 1987b.

Arenopontia? *ishikariana* Itô *sensu* Mielke, 1987b

Subgenus **Pararenopontia* Bodiou & Colomines, 1986

(grad. nov. Martinez Arbizu & Moura, 1994)

Martinez Arbizu & Moura (1994) suggested that the species of the genus *Pararenopontia* created by Bodiou & Colomines (1986) are in fact species of the genus *Arenopontia* characterized by their reduced pereopod segmentation; for this reason I list them here in the genus *Arenopontia*.

Arenopontia (P.) breviarticulata (m) (Mielke, 1975)

Comb. nov. (Bodiou & Colomines, 1986) for *Arenopontia (N.) breviarticulata* Mielke, 1975.

Arenopontia (P.) trisetosa (Mielke, 1982)

Comb. nov. (Bodiou & Colomines, 1986) for *Arenopontia (A.) trisetosa* Mielke, 1982b.

Amendments: Mielke, 1982c.

Subfam. **Psammopsyllinae** Krishnaswamy, 1956

This subfamily was created to assemble the genera *Psammopsyllus* and *Sewellina*. Cottarelli (1971b) added here the genus *Ichnusella*, and Martinez Arbizu & Moura (1994) added the genera *Notopontia*, *Prosewellina*, *Parasewellina* and *Syrticola*.

Genus *Psammopsyllus* Nicholls, 1945b

Nicholls allocated this genus to the Stenocaridae s. str. Lang (1936).

Synonym: *Paulianicaris* Chappuis, 1952, after Chappuis, 1954b and Lang, 1965b. Chappuis (1954d) advanced the idea to create the family Paulianicaridae for the genus *Paulianicaris*.

Key to the species: Cottarelli, Puccetti & Saporito, 1986.

Psammopsyllus operculatus Nicholls, 1945b

Amendments: Noodt, 1955d; Chappuis & Rouch, 1961a; Rao & Ganapati, 1969b.

Redescription: Cottarelli, Puccetti & Saporito, 1986.

Psammopsyllus cornifer (Chappuis, 1952)

Comb. nov. (Chappuis, 1954b) for *Paulianicaris cornifer* Chappuis, 1952.

Psammopsyllus delamarei (Chappuis, 1954)

Comb. nov. (Chappuis, 1954b) for *Paulianicaris delamarei* Chappuis, 1954d.

Psammopsyllus limnicola Chappuis, 1954b*Psammopsyllus arenarius* Enckell, 1965*Psammopsyllus pasquinii* Cottarelli, 1969*Psammopsyllus imamurai* Kikuchi, 1972*Psammopsyllus tridentatus* Soyer, 1975a*Psammopsyllus stri* Mielke, 1983a

Redescription: Kunz, 1993.

Psammopsyllus falciseta Mielke, 1983a

Psammopsyllus maricae Cottarelli, Saporito & Puccetti, 1983b

Psammopsyllus arganoi (m) Cottarelli, Puccetti & Saporito, 1986

Psammopsyllus longipes (f) Cottarelli, Puccetti & Saporito, 1986

Psammopsyllus brevipes Cottarelli, Puccetti & Saporito, 1986

Psammopsyllus pori Kunz, 1993

Genus *Sewellina* Krishnaswamy, 1956

Sewellina reducta Krishnaswamy, 1956

Krishnaswamy misspelt the specific epitheton as *reductus*.

Amendments: Rao & Ganapati, 1969b (as *S. reductus*).

Sewellina subtilis Cottarelli, Saporito & Puccetti, 1986d

Genus *Ichnusella* Cottarelli, 1971b

Ichnusella eione Cottarelli, 1971b

Genus *Notopontia* Bodiou, 1977

Notopontia biarticulata (f) (Wells, 1967)

Comb. nov. (Bodiou & Colomines, 1986) for *Arenopontia* (*A.*) *biarticulata* Wells, 1967; type-species of the genus *Notopontia*.

Notopontia stephanieae Bodiou, 1977

Genus *Syrticola* Willems & Claeys, 1982

Key to the species: Huys & Ohtsuka, 1993.

Syrticola flandricus (f) Willems & Claeys, 1982

Amendments: Huys & Ohtsuka, 1993.

Syrticola galapagoensis (Mielke, 1982)

Comb. nov. for *Notopontia galapagoensis* Mielke, 1982b, after Bodiou & Colomines (1986), Willems, Claeys & Fiers (1987) and Huys & Ohtsuka, 1993.

Syrticola mediterraneus Willems, Claeys & Fiers, 1987

Syrticola intermedius Huys & Ohtsuka, 1993

Species inquirenda

Syrticola trispinosus (A. Scott, 1896)

Comb. nov. (Willems & Claeys, 1982) for *Tetragoniceps trispinosus* A. Scott, 1896; a species considered as 'species incerta' of the genus *Evansula* (subfam. *Cylindropsyllinae*) by Lang (1948) and as *species inquirenda* by Huys & Ohtsuka, 1993. Personally, I favour the idea that this species is an erroneous observation of *Leptopontia curvicauda* T. Scott.

Genus *Parasewellina* Cottarelli, Saporito & Puccetti, 1986d

Parasewellina prima Cottarelli, Saporito & Puccetti, 1986d

Genus *Prosewellina* Mielke, 1987b

Prosewellina chilensis Mielke, 1987b

Fam. ***LEPTASTACIDAE** Lang, 1948 *sensu* Huys, 1992

(grad. nov. (Huys, 1992) for Leptastacinae Lang)

Key to the genera: Huys, 1992 (p. 182).

Genus ***Leptastacus*** T. Scott, 1906

Key to the species: Bodiou & Colomines, 1989.

Leptastacus macronyx (T. Scott, 1892)

Amendments: Apostolov & Marinov, 1988.

Redescription: Huys, 1992.

Leptastacus laticaudatus Nicholls, 1935Synonym: *Leptastacus laticaudatus intermedius* Kunz, 1938 (after Huys, 1987c).

Amendments: Apostolov & Marinov, 1988.

Redescription: Huys, 1987c.

*Species novae****Leptastacus spatuliseta*** (f) Mielke, 1982bSpecies close to *L. laticaudatus* s. str. Nicholls, *L. laticaudatus intermedius* Kunz and *L. macronyx* (T. Scott), after Mielke (1982b).***Leptastacus uncinatus*** Cottarelli & Venanzetti, 1989***Leptastacus kwintei*** Huys, 1992***Leptastacus coulli*** Huys, 1992Synonymy: *L. macronyx* (T. Scott) *sensu* Wilson, 1932 (see Huys, 1992, p. 43 for detailed list).***Leptastacus pygmaeus*** Huys, 1992Synonym: *L. macronyx* (T. Scott) *sensu* Van Damme & Heip, 1977 (after Huys, 1992).***Leptastacus corsicaensis*** Huys, 1992*Species inquirendae****Leptastacus laticaudatus intermedius*** Kunz (1937) *sensu* Apostolov (1973b), Apostolov & Marinov (1988) and Huys (1987c), after Huys, 1992. McLachlan & Moore (1978) and Huys (1987c) already doubted Apostolov's identification.***Leptastacus minutus*** (f) Chappuis (1954a), after Huys, 1992.***Leptastacus wieseri*** Chappuis (1958), after Huys, 1992.Genus ***Paraleptastacus*** Wilson, 1932

Key to the species: Huys, 1992 (p. 97).

Paraleptastacus spinicauda (T. & A. Scott, 1895)Redescription: Mielke, 1975. This author recognized within *P. spinicauda* two subspecies: *P. spinicauda bisetosa* Jakubisiak, 1938 (= *P. bisetosus* Jakubisiak considered by Huys (1992) as 'subspecies inquirenda) and *P. spinicauda trisetata* Noodt considered by Huys (1992) as a distinct species.

Amendments: Apostolov & Marinov, 1988.

***Paraleptastacus espinulatus* Nicholls, 1935**

Synonym: *P. spinicauda* (T. & A. Scott) *sensu* Mielke (1975).

Amendments: Scheibel, 1972; Moore, 1975.

***Paraleptastacus holsaticus* Kunz, 1937**

Noodt (1952b) considered this species synonymous with *P. spinicauda* (T. & A. Scott), but the redescriptions provided by Mielke (1975) proved the validity of this species.

Amendments: Letova, 1982; Apostolov & Marinov, 1988.

Redescription: Mielke, 1975.

Species novae

***Paraleptastacus laurenticus* Nicholls, 1940**

***Paraleptastacus longicaudatus* Nicholls, 1940**

***Paraleptastacus trisetata* Noodt, 1954a**

Synonyms (after Huys, 1992):

P. spinicauda trisetata Noodt, 1954a.

P. ponticus Apostolov, 1969b

P. spinicauda trisetosa Serban & E. Lang, 1957.

Serban (1959, p. 277) already pointed out to the similarity between the forms *trisetata* and *trisetosa*. Apostolov (1973b) formally synonymized *P. ponticus* with *P. spinicauda trisetosa*.

Amendments: Monchenko, 1967d (as *P. spinicauda trisetata*); Apostolov, 1973b (as *P. spinicauda trisetosa*).

***Paraleptastacus unisetosus* Itô, 1972a**

***Paraleptastacus supralittoralis* Mielke, 1975**

***Paraleptastacus monensis* Whybrew, 1986**

Synonym: *P. spinicauda* (T. & A. Scott) *sensu* Moore, 1975 (after Huys, 1992).

***Paraleptastacus wilsoni* Whybrew, 1986**

***Paraleptastacus moorei* Whybrew, 1986**

Synonym: *P. holsaticus* Kunz *sensu* Moore, 1975 (after Huys, 1992).

Amendments: Huys, 1992.

***Paraleptastacus holsaticus moorei* Whybrew, 1986**

Species inquirendae

P. spinicauda bisetosus Jakubisiak, 1938 (after Huys, 1992), and considered as a synonym of *P. spinicauda* by Mielke (1975).

Paraleptastacus ammodytensis (f) Carvalho, 1952b (after Huys, 1992).

P. caspicus Sterba, 1973 (after Huys, 1992). Moore (1975) considered this species as a synonym of *P. spinicauda*.

Paraleptastacus sp. Arlt, 1983

Some specimens found by Arlt displayed a mixture of features known to be present in *P. holsaticus* and *P. spinicauda*.

Genus *Psammastacus* Nicholls, 1935

Key to the species: McLachlan & Moore, 1978.

Psammastacus confluens Nicholls, 1935

Synonym: *P. brevicaudatus* Nicholls (1935), after Huys, 1992.

Amendments: Apostolov & Marinov, 1988.

Redescription: Huys, 1992.

Species inquirendae

Psammastacus confluens Nicholls, 1935 *sensu* Chappuis, 1954a.

Psammastacus confluens Nicholls, 1935 *sensu* Apostolov, 1977 and Apostolov & Marinov, 1988.

Genus *Arenocaris* Nicholls, 1935

Arenocaris bifida Nicholls, 1935

Amendments: Mielke, 1975.

Redescription: Huys, 1992.

Arenocaris reducta (m) Huys, 1992

Genus **Arenotopa* Chappuis & Rouch, 1960

Wells, 1967 considered *Arenotopa* synonymous with *Psammastacus* Nicholls, but the genus was reinstated by Wells & Rao, 1987 and by Huys, 1992.

Arenotopa ghanai Chappuis & Rouch, 1960

Synonym: *Psammastacus ghanai* (Chappuis & Rouch, 1960) *sensu* Wells, 1967.

Arenotopa rossii Cottarelli, 1977

Comb. nov. (Huys, 1992) for *Psammastacus rossii* (Cottarelli, 1977a) *sensu* Bodin, 1988.

Arenotopa erasmusi (McLachlan & Moore, 1978)

Comb. nov. (Huys, 1992) for *Psammastacus erasmusi* McLachlan & Moore, 1978 and *P. erasmusi* McLachlan & Moore *sensu* Bodin, 1988.

Amendments: Huys, 1992 (p. 126).

Arenotopa dyadacantha Wells & Rao, 1987

Genus **Neopsammastacus* Cottarelli & Venanzetti, 1989

Synonym: *Psammastacus* Nicholls, 1935 (part.), after Huys, 1992.

Neopsammastacus spinicauda (Wells, 1967)

Synonym: *Psammastacus spinicaudus* Wells, 1967 (part.), after Cottarelli & Venanzetti (1989) and Huys (1992).

Redescription: Huys, 1992.

Neopsammastacus spinicaudatus (Rao & Ganapati, 1969)

Synonym: *Psammastacus spinicaudatus* Rao & Ganapati (1969), after Cottarelli & Venanzetti (1989) and Huys (1992).

Amendments: Wells & Rao, 1987 (as *Psammastacus spinicaudatus*).

Genus ****Minervella*** Cottarelli & Venanzetti, 1989

Synonym: *Psammastacus* Nicholls, 1935 (part.), after Huys, 1992.

Minervella baccettii Cottarelli & Venanzetti, 1989***Minervella perplexa*** (Wells & Clark, 1965)

Nom. nov. (Huys, 1992) for *Psammastacus perplexus* Wells & Clark, 1965.

Redescription: Huys, 1992.

Genus ****Psamathea*** Cottarelli & Venanzetti, 1989***Psamathea nautarum*** Cottarelli & Venanzetti, 1989

Redescription: Huys, Bodiou & Bodin, 1996.

Psamathea brittanica Huys, Bodiou & Bodin, 1996

Synonym: *Notopontia* (?) sp. de Bodin, 1984.

Amendments: Huys, Bodiou & Bodin, 1996.

Genus ****Afroleptastacus*** Huys, 1992

Synonym: *Psammastacus* Nicholl, 1935 (part.), after Huys, 1992.

Afroleptastacus clandestinus Huys, 1992

Synonym: *Psammastacus spinicaudus* Wells, 1967 (part.), after Huys, 1992.

Afroleptastacus remanei (Noodt, 1964)

Synonym: *Psammastacus remanei* Noodt (1964), after Huys, 1992.

Amendments: Huys, 1992 (p.151).

Genus ****Archileptastacus*** Huys, 1992

Synonym: *Leptastacus* T. Scott (part.), after Huys, 1992.

Archileptastacus dichatoensis (f) (Mielke, 1985)

Comb. nov. (Huys, 1992) for *Leptastacus aberrans dichatoensis* Mielke, 1985c.

Synonym: *Leptastacus dichatoensis* Mielke (1985c) *sensu* Bodiou & Colomines, 1989.

Amendments: Mielke, 1987b.

Archileptastacus aberrans (Chappuis, 1954)

Comb. nov. (Huys, 1992) for *Leptastacus aberrans* Chappuis, 1954a.

Amendments: Kunz, 1975a.

Genus **Belemnopontia* Huys, 1992

Synonym: *Leptastacus* T. Scott (part.), after Huys, 1992.

Belemnopontia dispinosa (Mielke, 1982)

Comb. nov. (Huys, 1992) for *Leptastacus dispinosus* Mielke, 1982b.

Synonym: *Leptastacus dispinosus dispinosus* Mielke, 1982b, 1983b (after Huys, 1992).

Belemnopontia panamensis (Mielke, 1983)

Comb. nov. (Huys, 1992) for *Leptastacus dispinosus panamensis* Mielke, 1983b.

*Species inquirenda**Belemnopontia acuticaudatus* (m) (Krishnaswamy, 1957b), after Huys (1992).

Synonyms (after Huys, 1992):

Leptastacus acuticaudatus Krishnaswamy (1957b). Lang (1965b) pointed out that the male Krishnaswamy described is in fact a female specimen. Lang (1965b) recommended that this species has to be redescribed before it could be taken into account. McLachlan & Moore (1978) shared this opinion.

Leptastacus macronyx (T. Scott) *sensu* Chappuis & Rouch, 1961a

Genus **Cerconeotes* Huys, 1992

Synonym: *Leptastacus* T. Scott (part.), after Huys, 1992.

Key to the species: Huys, 1992.

Cerconeotes mozambicus (Wells, 1967)

Comb. nov. (Huys, 1992) for *Leptastacus mozambicus* Wells (1967).

Redescription: Huys, 1992.

Cerconeotes constrictus (Lang, 1965)

Comb. nov. (Huys, 1992) for *Leptastacus constrictus* Lang, 1965b.

Cerconeotes japonicus (Itô, 1968)

Comb. nov. (Huys, 1992) for *Leptastacus japonicus* Itô, 1968.

Cerconeotes jenneri (Lindgren, 1975)

Comb. nov. (Huys, 1992) for *Leptastacus jenneri* Lindgren, 1975.

Redescription: Mielke, 1983b as *Leptastacus jenneri*.

*Species inquirendae**Cerconeotes nichollsi* (f) (Krishnaswamy, 1951)

Comb. nov. (Huys, 1992) for *Leptastacus nichollsi* Krishnaswamy, 1951b; species considered questionable by Lang (1965b) and McLachlan & Moore (1978).

Cerconeotes euryhalinus (Krishnaswamy, 1957)

Comb. nov. (Huys, 1992) for *Leptastacus euryhalinus* Krishnaswamy, 1957b. This species should be redescribed (Lang, 1965b p. 412). It was considered questionable by McLachlan & Moore (1978) as well.

Cerconeotes waltirensis (Rao & Ganapati, 1969)

Comb. nov. (Huys, 1992) for *Leptastacus waltirensis* Rao & Ganapati, 1969.

Genus **Membranastacus* Huys, 1992

Synonym: *Psammastacus* Nicholls, 1935 (part.), after Huys, 1992.

Membranastacus inopinatus Huys, 1992

Synonym: *Psammastacus spinicaudus* Wells, 1967 (part.), after Huys, 1992.

Genus **Schizothrix* Huys, 1992

Synonym: *Leptastacus* T. Scott, 1906 (part.), after Huys, 1992.

Key to the species: Huys, 1992 (p. 173).

Schizothrix ctenata (Mielke, 1982)

Comb. nov. (Huys, 1992) for *Leptastacus ctenatus* Mielke, 1982b.

Schizothrix rostrata (Nicholls, 1940)

Comb. nov. (Huys, 1992) for *Leptastacus rostratus* (f) Nicholls, 1940.

Redescription: Geddes, 1981a (as *Leptastacus rostratus*).

Schizothrix pontica (Griga, 1962)

Comb. nov. (Huys, 1992) for *Leptastacus macronyx pontica* Griga, 1962

Synonyms (after Huys, 1992):

Leptastacus rostratus Nicholls, 1940? *sensu* Apostolov (1972)

Leptastacus rostratus Nicholls, 1940 *sensu* Apostolov (1973c)

Leptastacus rostratus taurica (f) Marinov, 1974c. This variety was considered questionable by McLachlan & Moore (1978).

Leptastacus taurica Marinov, 1974c *sensu* Geddes (1981a) and Apostolov & Marinov (1988).

Genus **Sextonis* Huys, 1992

Synonym: *Leptastacus* T. Scott, 1906 (part.), after Huys, 1992.

Key to the species: Huys, 1992 (p. 176).

Sextonis mehuinensis (Mielke, 1985)

Comb. nov. (Huys, 1992) for *Leptastacus mehuinensis* Mielke, 1985c.

Sextonis incurvatus (Lang, 1965)

Comb. nov. (Huys, 1992) for *Leptastacus incurvatus* Lang, 1965b.

Sextonis chilensis (f) (Mielke, 1985)

Comb. nov. (Huys, 1992) for *Leptastacus incurvatus chilensis* Mielke, 1985c.

Synonym: *Leptastacus chilensis* Mielke, 1985 *sensu* Bodiou & Colomines, 1989 (after Huys, 1992).

Amendments and description of the male: Mielke, 1987b.

Sextonis laminaserratus (Mielke, 1985)

Comb. nov. (Huys, 1992) for *Leptastacus laminaserrata* Mielke, 1985c.

*Species inquirendae**Sextonis delamarei* (Rouch, 1962)

Comb. nov. (Huys, 1992) for *Leptastacus delamarei* Rouch, 1962.

Sextonis naylori (McLachlan & Moore, 1978)

Comb. nov. (Huys, 1992) for *Leptastacus naylori* McLachlan & Moore, 1978 (part.).

Amendments: Huys, 1992 (p. 126).

Leptastacidae incertae sedis

According to Huys (1992) the systematic position of the following species is still uncertain:

Psammastacus acuticaudatus (m) Krishnaswamy, 1957b*Leptastacus operculatus* Masry, 1970

Huys (1992a) listed this species with the '*species inquirendae*' of the genus *Cerconeotes*, but finally placed it as '*species incerta sedis*' in the Leptastacidae, after examination of the type-material (Huys, 1992a: p. 194).

Leptastacus naylori McLachlan & Moore, 1978 (m)*Leptastacus christelleae* Bodiou & Colomines, 1989**Fam. LOURINIIDAE Monard, 1927****Genus *Lourinia* Wilson, 1924***Lourinia armata* (Claus, 1866)

Synonyms: *Ceyloniella nicobarica* Sewell, 1940 and *C. nicobarica* var., Sewell, 1940 (after Vervoort, 1964 and Wells & Rao, 1987). These forms were allocated to the genus *Lourinia* by Noodt, 1955a (as *L. nicobarica*).

Lourinia armata sulamericana Jakobi, 1954a (after Vervoort, 1964).

Ceyloniella armata major Sewell, 1940 (after Vervoort, 1964).

Ceyloniella armata minor Sewell, 1940 (after Vervoort, 1964).

The last two were transferred to the genus *Lourinia* by Noodt (1955a), who assumed that they represent different generations of the same species.

Amendments: Nicholls, 1941a (as *Ceyloniella armata*); Petkovski, 1955b; Noodt, 1955a; Pesta, 1959.

Redescription: Yoo & Lee, 1993.

Fam. **CLETODIDAE** T. Scott, 1905 (part.) *sensu* Por, 1986

Por (1986a) completely revised the former family *Cletodidae sensu* Lang (which Por erroneously attributed to 'Sars, Lang'). The several genera were rearranged in 5 new families (*Cletodidae s. str.*, *Paranannopidae*, *Huntemanniidae*, *Rhizothricidae*, *Argestidae*), and a new subfamily in the *Canthocamptidae*.

Key to the genera: Lang, 1965b (p. 424, part.)

According to Por (1986a), the family comprises only the genera *Cletodes*, *Enhydrosoma*, *Limnocletodes*, *Stylicletodes*, *Enhydrosomella*, *Acrenhydrosoma*, *Barbaracletodes*, *Australonannopus* and *Scintis*. Fiers (1987b) added the genus *Monocletodes* Lang and a new genus, *Intercletodes*.

Genus *Cletodes* Brady, 1872

Synonym: *Thieliella* Schriever, 1984a (part.) (after Schriever, 1986b).

Key to the species: Soyer, 1964e; Lang, 1965b (p. 424); Hamond, 1973f; Fiers, 1991b.

In his revision of the genus, Hamond (1973f) stated that *Cletodes carthaginiensis* Monard (1935) has to be excluded because of the inaccurate original description and the absence of type specimens.

Cletodes limicola Brady, 1872

Amendments: Griga, 1962; Por, 1964a; Soyer, 1964e; Bodin, 1970; Apostolov & Marinov, 1988.

Cletodes longicaudatus (Boeck, 1872)

Amendments: Griga, 1962; Soyer, 1964e; Arlt, 1983; Apostolov & Marinov, 1988.

Cletodes tenuipes T. Scott, 1896

Description of the male: Por, 1959; Drzycimski, 1969.

Amendments: Por, 1959; Griga, 1962; Bodin, 1970; Apostolov & Marinov, 1988.

Cletodes pusillus Sars, 1920

Amendments: Klie, 1950.

Cletodes longifurca Lang, 1948

Amendments: Arlt, 1983.

*Species novae**Cletodes reyssi* Soyer, 1964e*Cletodes hartmannae* Lang, 1965b*Cletodes yotabis* Por, 1967*Cletodes spinulipes* Por, 1967

Species close to *Cletodes millerorum* Hamond, 1973f.

Cletodes latirostris Drzycimski, 1967a

Amendments: Drzycimski, 1969.

Cletodes smirnovi Bodin, 1970*Cletodes pseudodissimilis* Coull, 1971b

Cletodes millerorum (f) Hamond, 1973f

Amendments: Fiers (1996b) gave some precisions about the presence of sexual dimorphism.

Cletodes reductus Moore, 1978b

Species close to *C. smirnovi* Bodin, after its author.

Cletodes dorae Por, 1979

Species close to *C. hartmannae* Lang, after its author.

Cletodes endopodita (Schriever, 1984)

Comb. nov. (Schriever, 1986b) for *Thieliella endopodita* Schriever, 1984a.

Description of the male: Schriever, 1986b.

Cletodes setosus Marinov & Apostolov, 1985*Cletodes dentatus* Wells & Rao, 1987*Cletodes macrura* Fiers, 1991b*Cletodes tuberculatus* Fiers, 1991b*Species incerta**Cletodes* sp. (m) (Krishnaswamy, 1957)

Comb. nov. (Lang, 1965b) for *Enhydrosoma* sp. Krishnaswamy, 1957b.

Genus *Enhydrosoma* Boeck, 1872

Key to the species: Thistle, 1980; Bell & Kern, 1983.

Enhydrosoma curticauda Boeck, 1872

Amendments: Chislenko, 1967.

Redescription: Gee, 1994.

Enhydrosoma propinquum (Brady, 1880)

Amendments: Por, 1960a; Marinov, 1971; Apostolov, 1973b (as *Enhydrosoma propinquum*); Mielke, 1975; Apostolov & Marinov, 1988.

Enhydrosoma curvirostre (T. Scott, 1894)

Amendments: Bodin, 1970 and 1973.

Enhydrosoma sarsi (T. Scott, 1904)

Amendments: Por, 1960a; Bodin, 1970; Arlt, 1983.

Enhydrosoma longifurcatum Sars, 1909

Amendments: Bodin, 1970; Arlt, 1983; Apostolov & Marinov, 1988.

Redescription of the male: Roe, 1959.

Enhydrosoma latipes (A. Scott, 1909)

Description of the male: Wells, 1967.

Enhydrosoma sordidum Monard, 1926

Amendments: Por, 1960a; Wells, 1965b; Marinov, 1971; Apostolov & Marinov, 1988.

Enhydrosoma gariene Gurney, 1930

Original termination *-nis* corrected by Lang, 1965b.

Amendments: Monchenko, 1967c; Lorenzen, 1969; Marinov, 1977 (as *Enhydrosoma gariene*); Apostolov & Marinov, 1988.

Enhydrosoma lacunae Jakubisiak, 1933

Synonyms: *Enhydrosoma mangroviae* (f) Jakobi, 1955, *Enhydrosoma gerlachi* Jakobi, 1955, and *Enhydrosoma woodini* Thistle, 1980 (after Fiers, 1996b).

Redescription: Fiers, 1996b (including copepodid development).

*Species novae**Enhydrosoma nicobaricum* (f) Sewell, 1940

Original termination *-ca* corrected by Lang, 1965b; Sewell described not a female but a male copepodid V (after Gee, 1994 and Fiers, 1996b).

Enhydrosoma caeni Raibaut, 1965

Amendments: Monchenko, 1967c; Apostolov & Marinov, 1988.

Enhydrosoma hopkinsi Lang, 1965b

Synonym: *E. vicinum* Por, 1967 (after Coull, 1975).

Enhydrosoma littorale Wells, 1967*Enhydrosoma wellsi* Bodin, 1968b

This species cannot be a synonym of *Cletodes latirostris* as argued by Drzycimski, 1969.

Enhydrosoma baruchi Coull, 1975

Amendments: Ivester & Coull, 1977.

Enhydrosoma intermedia (f) Chislenko, 1978*Enhydrosoma variabile* Wells, Hicks & Coull, 1982

Synonym: *Enhydrosoma* sp. Coull & Wells (1981), after its authors.

Enhydrosoma longicauda Marinov & Apostolov, 1983

Redescription: Marinov & Apostolov, 1985.

Enhydrosoma herrerae Bell & Kern, 1983*Enhydrosoma pectinatum* Wells & Rao, 1987

Species having affinities with the *sordidum*-group (cf. Thistle, 1980), after its authors.

Enhydrosoma pericoense Mielke, 1990a*Enhydrosoma rosae* Fiers, 1996

Nom. nov. (Fiers, 1996b) for *Enhydrosoma propinquum* (Brady) *sensu* Pallares, 1975e.

Species incertae

In a paper on the genus *Enhydrosoma*, Jakobi (1955) described several new species. However they are so superficially described that in Lang's opinion (1965b, p. 430) they should be simply ignored. Fiers (1996b) considered some of them as junior synonyms of *E. lacunae*

Enhydrosoma ivitteae (f) Jakobi, 1955

Enhydrosoma minimum (f) Jakobi, 1955

Enhydrosoma guaratubae (f) Jakobi, 1955

Enhydrosoma cananeiae (f) Jakobi, 1955

Enhydrosoma sp. (f) (?) Griga, 1961

Enhydrosoma tunisense Monard, 1935

Original termination *-sis* corrected by Lang, 1965b.

Wells (1965b) assumed that *E. tunisense* is only a variety of *E. sordidum*.

Several authors met with difficulties in the identification of this species; thus we have:

Enhydrosoma tunisensis Monard? (m) *sensu* Petkovski, 1964b

Enhydrosoma tunisensis Monard? *sensu* Bodin, 1964

Enhydrosoma sp. Fiers, 1996b

Proposed by Fiers for *E. propinquum sensu* Ivester & Coull (1977).

Genus *Limnocletodes* Borutzky, 1926

Revision: Wells, 1971.

Limnocletodes behningi Borutzky, 1926

Synonym: *L. secundus* Sewell, 1934 (after Wells, 1971).

Amendments: Hensen, 1952; Shen & Tai, 1962; Apostolov & Marinov, 1988.

Redescription: Wells, 1971; Ranga Reddy & Radhakrishna, 1980b (as *L. secundus* Sewell).

Species novae

Limnocletodes angustodes Shen & Tai, 1963

Amendments: Kikuchi, Dai & Itô, 1993.

Limnocletodes oblongatus Shen & Tai, 1964

Genus *Stylicletodes* Lang, 1936

Key to the species: Bodin, 1968b.

Stylicletodes longicaudatus (Brady & Robertson, 1880)

Synonyms: *St. numidicus* (Monard, 1935) (after Por, 1959 and Lang, 1965b).

St. numidicus (Monard)? (m) *sensu* Petkovski, 1955c (after Bodin, 1967).

Amendments: Por, 1959; Griga, 1963; Lang, 1965b; Marinov, 1971; Pallares, 1975e; Marinov, 1977; Apostolov & Marinov, 1988.

Stylicletodes stylicaudatus (Willey, 1929)

Nov. comb. (Fiers, 1996b) for *Cletodes stylicaudatus* Willey.

Species novae

Stylicletodes reductus (f) Wells, 1965b

Stylicletodes verisimilis (f) Lang, 1965b

Stylicletodes oligochaeta (f) Bodin, 1968b

Stylicletodes minutus (f) Bodin, 1968b

Genus *Enhydrosomella* Monard, 1935

Species novae

Enhydrosomella setiensis Raibaut, 1965

Enhydrosomella monardi Por, 1967

Enhydrosomella kuehnemanni (m) Pallares, 1968b

Description of the female: Pallares, 1970.

Enhydrosomella franklini (Thistle, 1980)

Comb. nov. (Fiers, 1987a and Gee, 1994) for *Enhydrosoma franklini* Thistle, 1980.

Genus *Monocletodes* Lang, 1936

After Fiers (1987b), this genus should be placed in the *Cletodidae* Sars *sensu* Por (1986a).

Monocletodes varians (T. Scott, 1903)

Synonyms: *Thieliella nordatlantica* and *Th. reducta* Schriever, 1982a, 1984a (after Schriever, 1986b).

Redescription of the male: Schriever, 1984a (as *Thieliella nordatlantica*).

Genus *Acrenhydrosoma* Lang, 1944

Species novae

Acrenhydrosoma karlingi Lang, 1965b

Acrenhydrosoma maccalli Schizas & Shirley, 1994b

Genus *Australonannopus* Hamond, 1974

Australonannopus aestuarinus Hamond, 1974

Genus *Barbaracletodes* Becker, Noodt & Schriever, 1979

Barbaracletodes barbara Becker, Noodt & Schriever, 1979

Barbaracletodes carola (m) Becker, Noodt & Schriever, 1979

Genus *Scintis* Por, 1986b

Scintis variifurca Por, 1986b

Genus **Interkletodes* Fiers, 1987b

Interkletodes interita Fiers, 1987b

Genus **Kollerua* Gee, 1994

Kollerua uniarticulatum (Borutzky, 1928)

Comb. nov. (Gee, 1994) for *Enhydrosoma uniarticulatum* Borutzky, 1928.

Amendments: Shen & Tai, 1962 (as *Enhydrosoma uniarticulatum*).

Kollerua breviarticulatum (f) (Shen & Tai, 1964)

Comb. nov. (Gee, 1994) for *Enhydrosoma breviarticulatum* Shen & Tai, 1964.

Amendments: Kikuchi, Dai & Itô (1993) (as *E. breviarticulatum*).

Kollerua birsteini (Borutzky, 1971)

Comb. nov. (Gee, 1994) for *Enhydrosoma birsteini* Borutzky, 1971.

Kollerua longum (Shen & Tai, 1979)

Comb. nov. (Gee, 1994) for *Enhydrosoma longum* Shen & Tai, 1979.

Kollerua radhakrishnai (Ranga Reddy, 1979)

Comb. nov. (Gee, 1994) for *Enhydrosoma radhakrishnai* Ranga Reddy, 1979.

Species close to *E. uniarticulatum* Borutzky, after its author.

Genus **Strongylacron* Gee & Huys, 1996

Strongylacron buchholzi (Boeck, 1872)

Comb. nov. (Gee & Huys, 1996) for *Enhydrosoma buchholzi* (Boeck, 1872).

Redescription: Gee & Huys, 1996.

Genus **Schizacron* Gee & Huys, 1996

Schizacron barnishi (Wells, 1967)

Comb. nov. (Gee & Huys, 1996) for *Enhydrosoma barnishi* Wells, 1967.

Redescription: Gee & Huys, 1996.

Schizacron bifurcarostratus (Shen & Tai, 1965)

Comb. nov. (Gee & Huys, 1996) for *Enhydrosoma bifurcarostratum* Shen & Tai, 1965.

Schizacron vervoorti (m) (Fiers, 1987)

Comb. nov. (Gee & Huys, 1996) for *Enhydrosoma vervoorti* Fiers, 1987a.

Redescription: Gee & Huys, 1996.

Schizacron intermedius Gee & Huys, 1996

Fam. **PARANANNOPIDAE** Por, 1986

Por (1986a), included in this family the genera *Paranannopus* and *Cylindronannopus*. Huys & Thistle (1989) added a new genus (*Carolinicola*), Huys & Gee (1990) transferred the genera *Danielssenia*, *Psammis*, *Paradanielssenia*, *Micropsammis* and *Leptotachidia* previously assembled in the **Tachidiidae** to this family, and added the new genera *Archisenia*, *Bathypsammis*, *Sentiropsis*, *Peltisenia* and *Afrosenia* (Huys & Gee, 1993; 1996a). Willen (1996b) allocated the genus *Pseudomesochra* to this family and proposed to place it in a separate subfamily: the Pseudomesochrinae. Finally, Huys & Gee (1996b) added the genera *Prionos* and *Anapophysia*.

Revision and diagnoses of the genera: Gee & Huys, 1991.

Key to the genera: Huys & Gee, 1993.

Genus *Paranannopus* Lang, 1936

Key to the species: Soyer, 1964e; Coull, 1973e; Schriever, 1985a.

Species novae

Paranannopus echinipes (f) Smirnov, 1946

Paranannopus minutus (f) Smirnov, 1946

Paranannopus bahusiense (f) Por, 1964b

Paranannopus philistinus (f) Por, 1964c

Paranannopus caheti (f) Soyer, 1964e

Paranannopus triarticulatus (f) Wells, 1965b

Paranannopus atlanticus (f) Coull, 1973a

Paranannopus wellsii (f) Soyer, 1976

Paranannopus longithorax (f) Becker, Noodt & Schriever, 1979

Paranannopus reductus (f) Becker, Noodt & Schriever, 1979

Paranannopus truncatus (f) Becker, Noodt & Schriever, 1979

Paranannopus plumosus (f) Schriever, 1983

Paranannopus trisetosus (f) Schriever, 1985a

Paranannopus singulosetosus (f) Schriever, 1985a

Paranannopus denticulatus (f) Schriever, 1985a

Paranannopus uniarticulatus (f) Schriever, 1985a

Paranannopus variabilis (m) Schriever, 1985a

The female described by Schriever (1985a) is in fact a male copepodid stage V, after Gee & Huys (1990, p. 1568).

Paranannopus kunzi (m) Schriever, 1985a

Paranannopus hicksi (m) Schriever, 1985a

Species incerta

Paranannopus langi (m) Wells, 1965b

Description of the female: according to Gee & Huys (1990, p. 1568) the female described by Schriever (1983) is in fact a male copepodid stage V and probably does not belong to this species but may be a synonym of *P. triarticulatus* Wells.

Genus *Pseudomesochra* T. Scott, 1902

This genus was removed from the **Diosaccidae** by Willen (1996b).

Key to the species: Coull, 1973c; Willen, 1996b.

Pseudomesochra similis Lang, 1935

Amendments: Drzycimski, 1968a, who corrected the Enp. P₃-P₄ chaetotaxy, erroneously listed in Lang (1948, p. 593, table X).

Species novae

Pseudomesochra tamara (f) Smirnov, 1946

Pseudomesochra aberrans (f) Bodin, 1968b

Pseudomesochra tatiana (f) Drzycimski, 1968a

Pseudomesochra gemina Coull, 1973c

Willen (1996b) questioned the generic designation of this species.

Pseudomesochra minor (f) Becker, 1974

Pseudomesochra beckeri (f) Becker & Schriever, 1979

Pseudomesochra abyssalis (f) Becker & Schriever, 1979

Pseudomesochra scheibeli (f) Schriever, 1982b

Pseudomesochra meridianensis (f) Willen, 1996b

Willen also described male and female copepodid V.

Pseudomesochra gertwilleni (f) Willen, 1996b

Pseudomesochra laptevensis (f) Willen, 1996b

Species incerta sedis

Pseudomesochra? perplexa (m) Bodin, 1968b

Willen (1996b) discussed the questionable generic designation of this species.

Genus *Cylindronannopus* Coull, 1973a

Key to the species: Schriever, 1985a

Cylindronannopus primus Coull, 1973a

Cylindronannopus elongatus (Becker, Noodt & Schriever, 1979)

Comb. nov. (Schriever, 1985a) for *Paranannopus elongatus* Becker, Noodt & Schriever, 1979.

Cylindronannopus bispinosus Schriever, 1985a

Genus *Danielssenia* Boeck, 1872

Key to the species: Huys & Gee, 1993.

Danielssenia typica Boeck, 1872

Synonyms: *D. fusiformis* (Brady, 1880) *sensu* Sars (1910) after Huys & Gee (1993). According to these authors, all other records or descriptions of *D. fusiformis* have to be confirmed.

Redescription: Gee, 1988b; Huys & Gee, 1993.

*Species novae**Danielssenia quadriseta* Gee, 1988a*Danielssenia reducta* Gee, 1988a*Species incerta sedis**Danielssenia spitsbergensis* (m) Gee & Huys, 1994*Species inquirenda**Danielssenia similis* Chislenko, 1978 (after Huys & Gee, 1993).Genus **Jonesiella* Brady, 1880

Synonym: **Sentirenia* Huys & Gee, 1992 (after Huys & Gee, 1993).

Genus reinstated by Huys & Gee (1993) and encompassing the following species:

Jonesiella fusiformis Brady, 1880

Comb. nov. for *Danielssenia fusiformis* (Brady, 1880), after Huys & Gee, 1993.

Synonyms: *Danielssenia perezii* Monard, 1935, *Sentirenia perezii* (Monard, 1935) *sensu* Huys & Gee, 1992 and *Danielssenia paraperezii* Soyer, 1970b (after Huys & Gee, 1993).

Redescription: Wells, 1968 (m); Huys & Gee, 1992.

Jonesiella eastwardae (Coull, 1971)

Comb. nov. (Huys & Gee, 1993) for *Danielssenia eastwardae* Coull, 1971b and for *Sentirenia eastwardae* (Coull, 1971b) *sensu* Huys & Gee, 1992.

Amendments: Huys & Gee, 1992 (as *Sentirenia eastwardae*).

Genus *Psammis* Sars, 1910*Psammis longisetosa* Sars, 1910

Amendments: Por, 1965b (Huys & Gee, 1993 doubted the correctness of this identification); Huys & Gee, 1993.

Redescription: Gee, 1988b.

Species nova

Psammis longipes (f) Becker, 1974

Amendments: Huys & Gee, 1993.

Genus *Paradanielssenia* Soyer, 1970b

Key to the species: Gee & Huys, 1994.

Paradanielssenia kunzi Soyer, 1970b

Paradanielssenia biclavata Gee, 1988b

Redescription: Gee & Huys, 1991.

Paradanielssenia christineae Gee & Huys, 1994

Paradanielssenia kathleenae Gee & Huys, 1994

Genus *Leptotachidia* Becker, 1974

Leptotachidia iberica Becker, 1974

Redescription: Gee & Huys, 1991

Genus *Micropsammis* Mielke, 1975

Micropsammis noodti Mielke, 1975

Redescription: Gee & Huys, 1991

Genus **Carolinicola* Huys & Thistle, 1989

Carolinicola trisetosa (f) (Coull, 1973)

Comb. nov. (Huys & Thistle, 1989) for *Hemimesochra trisetosa* Coull, 1973a.

Genus **Fladenia* Gee & Huys, 1990

Synonym: *Danielssenia* Boeck (part.), after Gee & Huys, 1990.

Fladenia robusta (Sars, 1921)

Comb. nov. (Huys & Gee, 1993) for *Danielssenia robusta* Sars, 1921. New type-species of the genus.

Synonym: *Danielssenia intermedia* (m) Wells, 1965b (after Huys & Gee, 1993).

Amendments: Por, 1964a; but this identification is questionable (after Huys & Gee, 1993).

Fladenia intermedia (Wells, 1965)

Redescription: Gee & Huys, 1990.

Genus **Telopsammis* Gee & Huys, 1991*Telopsammis secunda* (Mielke, 1975)

Comb. nov. (Gee & Huys, 1991) for *Micropsammis secunda* Mielke, 1975.

Redescription: Gee & Huys, 1991.

Genus **Archisenia* Huys & Gee, 1993

Synonym: *Danielssenia* Boeck (part.).

Archisenia sibirica (Sars, 1898)

Comb. nov. (Huys & Gee, 1993) for *Danielssenia sibirica* Sars, 1898.

Synonym: *Danielssenia stefanssoni* Willey, 1920 (after Huys & Gee, 1993).

Redescription: M.S. Wilson, 1966 (as *Danielssenia stefanssoni*); Huys & Gee, 1993.

Genus **Bathypsammis* Huys & Gee, 1993*Bathypsammis longifurca* (f) (Bodin, 1968)

Comb. nov. (Huys & Gee, 1993) for *Psammis longifurca* Bodin, 1968b.

Amendments: Huys & Gee, 1993.

Genus **Mucrosenia* Gee & Huys, 1994*Mucrosenia kendalli* (f) Gee & Huys, 1994

Species incerta sedis

Mucrosenia kliei (f) (Smirnov, 1946)

Comb. nov. (Gee & Huys, 1994) for *Psammis kliei* Smirnov, 1946.

Genus **Sentiropsis* Huys & Gee, 1996a*Sentiropsis minuta* (Coull, 1969)

Comb. nov. (Huys & Gee, 1996a) for *Danielssenia minuta* Coull, 1969b.

Redescription: Huys & Gee, 1996a.

Genus **Peltisenia* Huys & Gee, 1996a*Peltisenia aberrans* (Por, 1964)

Comb. nov. (Huys & Gee, 1996a) for *Idomene aberrans* Por, 1964a.

Synonym: *Idomene* (?) *peresi* Bodin, 1964 (who described the male).

Redescription: Huys & Gee, 1996a.

Genus **Afrosenia* Huys & Gee, 1996a

Afrosenia spinipes (Wells, 1967)

Comb. nov. (Huys & Gee, 1996a) for *Danielssenia spinipes* Wells, 1967.

Redescription: Huys & Gee, 1996a.

Genus **Prionos* Huys & Gee, 1996b

Prionos ornata (f) Huys & Gee, 1996b

Genus **Anapophysia* Huys & Gee, 1996b

Anapophysia borealis (Klie, 1939)

Comb. nov. (Huys & Gee, 1996b) for *Psammis borealis* Klie (1939, 1941a).

Redescription: Huys & Gee, 1996b.

Anapophysia segonzaci Huys & Gee, 1996b

Fam. HUNTEMANNIIDAE Por, 1986

Por (1986a) included in this family the genera *Nannopus*, *Huntemannia*, *Metahuntemannia* (syn. *Beckeria* Por), *Pontopolites*, and *Pseudocletodes*. Dahms & Pottek (1992) added the genus *Talpina*.

Genus *Nannopus* Brady, 1880

Nannopus palustris Brady, 1880

Synonyms: *Nannopus brasiliensis* Jakobi, 1956

Nannopus sp. (f) Hensen, 1952

N. palustris tiberiadis Por, 1968b (after Wells, 1971).

Amendments: Veldre & Mäemets, 1956; Chislenko, 1967; Dussart, 1967; Wells, 1971; Mielke, 1974; Coull & Fleeger, 1977 (including a study of the morphological variability of the species); Letova, 1982; Arlt, 1983; Fiers & Rutledge, 1990.

Species nova

Nannopus unisegmentatus (f) Shen & Tai, 1964

Genus *Huntemannia* Poppe, 1884

Huntemannia jadensis Poppe, 1884

Amendments: Chappuis, 1958; Chislenko, 1967; Mielke, 1975; Letova, 1982.

Huntemannia micropus Monard, 1935

Description of the male: Geddes, 1968d.

Species novae

Huntemannia lacustris M.S. Wilson, 1958

Huntemannia biarticulatus Shen & Tai, 1973

Genus *Metahuntemannia* Smirnov, 1946

Synonyms: *Apodella* Por, 1965b.

Beckeria Por (1986b), after Dahms & Pottek, 1992.

Key to the species: Bodin, 1968b; Soyer, 1970c; Dahms & Pottek, 1992.

Metahuntemannia spinosa (f) (Klie, 1939)

Comb. nov. (Smirnov, 1946) for *Monocletodes spinosus* Klie, 1939.

Metahuntemannia gorbunovi (f) Smirnov, 1946

Metahuntemannia crassa (f) (Por, 1965)

Comb. nov. (Bodin, 1967) for *Apodella crassa* Por, 1965b.

Metahuntemannia dovpori (f) Bodin, 1968b

Metahuntemannia smirnovi (m) Bodin, 1968b

Synonym: *M. drzycimskii* Bodin, 1971.

Metahuntemannia drzycimskii (f) Soyer, 1970

Nom. nov. (Soyer, 1970c) for *M. smirnovi* Drzycimski, 1968b (name preoccupied by Bodin, 1968b).

Synonym: *M. smirnovi* Drzycimski *sensu* Bodin, 1971 and Becker, 1972.

Metahuntemannia mediterranea (m) Soyer, 1970c

Metahuntemannia magniceps (f) Becker, Noodt & Schriever, 1979

Metahuntemannia iberica (f) Becker, Noodt & Schriever, 1979

Metahuntemannia pseudomagniceps Schriever, 1983

Metahuntemannia atlantica (f) Schriever, 1983

Metahuntemannia triarticulata Schriever, 1984b

Metahuntemannia arctica (f) Schriever, 1984b

Metahuntemannia indica (f) (Por, 1986)

Comb. nov. (Dahms & Pottek, 1992) for *Beckeria indica* Por, 1986b.

Metahuntemannia texturata (f) Dahms & Pottek, 1992

Metahuntemannia beckeri (f) Dahms & Pottek, 1992

Metahuntemannia spinipes (f) Dahms & Pottek, 1992

Genus **Talpina* Dahms & Pottek, 1992

Synonym: *Metahuntemannia* Smirnov, 1946 (part.).

Key to the species: Dahms & Pottek, 1992.

Talpina talpa (Becker, Noodt & Schriever, 1979)

Comb. nov. (Dahms & Pottek, 1992) for *Metahuntemannia talpa* Becker, Noodt & Schriever, 1979.

Talpina curticauda (f) (Becker, Noodt & Schriever, 1979)

Comb. nov. (Dahms & Pottek, 1992) for *Metahuntemannia curticauda* Becker, Noodt & Schriever, 1979.

Talpina peruana (Becker, Noodt & Schriever, 1979)

Comb. nov. (Dahms & Pottek, 1992) for *Metahuntemannia peruana* Becker, Noodt & Schriever, 1979.

Talpina pacifica (Becker, Noodt & Schriever, 1979)

Comb. nov. (Dahms & Pottek, 1992) for *Metahuntemannia pacifica* Becker, Noodt & Schriever, 1979.

Talpina micracantha (f) (Gamô, 1981)

Comb. nov. (Dahms & Pottek, 1992) for *Metahuntemannia micracantha* Gamô, 1981.

Talpina bifida (f) (Schriever, 1984)

Comb. nov. (Dahms & Pottek, 1992) for *Metahuntemannia bifida* Schriever, 1984b.

Talpina noodti (f) Dahms & Pottek, 1992*Talpina fodens* (f) Dahms & Pottek, 1992*Talpina furcispina* (f) Dahms & Pottek, 1992*Talpina bathyalis* (f) Dahms & Pottek, 1992*Talpina pectinata* (m) Dahms & Pottek, 1992

Fam. RHIZOTHRICIDAE Por, 1986

Por (1986a) assembled the genera *Rhizothrix* and *Tryphoema* in this family.

Genus *Rhizothrix* Brady & Robertson, 1875

Key to the species: Bodin, 1979a.

The genus *Rhizothrix* has been subject of much debate. Pennak (1942) created the genus *Adelopoda*, which he placed within the **Canthocamptidae**, while it should have been assigned to the **Cletodidae**. Bozic (1953) considered *Adelopoda* as a subgenus of *Rhizothrix*. Wells (1963) claimed that *Adelopoda* was a synonym of *Tryphoema* Monard and that *Tryphoema* had to be considered as a subgenus of *Rhizothrix*. Lang (1965b) advanced the opinion to keep two distinct genera: *Rhizothrix* and *Tryphoema*, and to desolve the genus *Adelopoda* into the genus *Tryphoema*

Rhizothrix curvata Brady & Robertson, 1875

Amendments: Klie, 1950; Griga, 1962; Por, 1964a

Rhizothrix minuta (T. Scott, 1903)

Amendments: Nicholls, 1940; Noodt, 1953; Bozic, 1953; Scheibel, 1972.

Redescription of the male: Bozic, 1953.

Rhizothrix gracilis (T. Scott, 1903)

Amendments: Bozic, 1955; Mielke, 1975.

*Species novae****Rhizothrix reducta*** (f) Noodt, 1952b

Description of the male: Noodt, 1953.

Amendments: Mielke, 1975.

Rhizothrix reducta noodti Galhano, 1970***Rhizothrix pubescens*** Por, 1959

Amendments: Marinov, 1971; Apostolov & Marinov, 1988.

Rhizothrix quadriseta Wells, 1967***Rhizothrix spinosa*** Coull, 1971b***Rhizothrix wilsoni*** Bodin, 1979a*Species incerta****Rhizothrix* cf. *minuta*** (T. Scott), Arlt, 1983Genus ***Tryphoema*** Monard, 1926

Synonym: *Adelopoda* Pennak (1942), after Lang (1965b).

Key to the species: Bodin, 1970.

*Species novae****Tryphoema ramabula*** (Pennak, 1942)

Comb. nov. (Lang, 1965b) for *Adelopoda ramabula* Pennak, 1942.

Tryphoema bocqueti (f) (Bozic, 1953)

Comb. nov. (Lang, 1965b) for *Rhizothrix (Adelopoda) bocqueti* Bozic, 1953.

Description of the male: Wells, 1963a; Por, 1964b (as *Rhizothrix bocqueti*).

Amendments: Bodin, 1970.

Tryphoema lusitanica (Wells & Clark, 1965)

Comb. nov. (Bodin, 1967) for *Rhizothrix (Tryphoema) lusitanica* Wells & Clark, 1965.

Tryphoema scilloniensis (f) (Wells, 1968)

Comb. nov. (Bodin, 1971) for *Rhizothrix (Tryphoema) scilloniensis* Wells, 1968.

Tryphoema riedli Coull, 1971b

Fam. ARGESTIDAE Por, 1986

Por (1986a) unified the following genera in this family: *Fultonia*, *Mesocletodes*, *Eurycletodes*, *Argestes*, *Leptocletodes*, *Argestigens*, *Hemicletodes*, *Parargestes*, *Odiliacletodes*, *Corallicletodes*, *Hypalocletodes*, *Neoargestes*, *Dizahavia* and *Megistocletodes*.

Genus *Fultonia* T. Scott, 1902

Key to the species: Bodin, 1968b.

Species novae

Fultonia bougisi (f) Soyer, 1964c

Synonym: *F. bougisi corallicola* (f) Soyer, 1966 (after Soyer, 1971).

Fultonia gascognensis (f) Bodin, 1968b

Species incerta sedis

Fultonia sarsi (f) (Smirnov, 1946)

Lang (1965b) allocated this species from the genus *Argestes* to *Fultonia*. But, Por (1979) assumed that it could belong to the new genus *Dizahavia* (Por, 1979).

Genus *Mesocletodes* Sars, 1909

Key to the species: Bodin, 1968b; Coull, 1973d; Schriever, 1985b (erroneous).

At first glance, the species of this genus can be distributed over two groups: those 'with dorsal spines' and without dorsal spines' on cephalothorax and anal operculum. Therefore, I think it is useful to distinguish, inside the genus *Mesocletodes*, an '*inermis*' group (example: *M. inermis* Sars) and an '*abyssicola*' group (example: *M. abyssicola* (T. & A. Scott)). But of course it has to be understood that this distinction has, for the moment, no taxonomic value and is just presented herein to facilitate bibliographical research.

From a pure taxonomic point of view, a detailed study of the genus can be consulted in Becker (1972).

Mesocletodes monensis (I.C. Thompson, 1893)

Amendments: Por, 1964a.

Mesocletodes irrasus (T. & A. Scott, 1894)

Amendments: Soyer, 1964e.

Species novae

◇ '*inermis*' group:

Mesocletodes langi (f) Smirnov, 1946

Mesocletodes makarovi (f) Smirnov, 1946

Mesocletodes arenicola (f) Noodt, 1952b

Mesocletodes glaber (f) Por, 1964b

Mesocletodes guillei (f) Soyer, 1964e

Mesocletodes fladensis (m) Wells, 1965b

Mesocletodes farauni (f) Por, 1967

Mesocletodes commixtus (f) Coull, 1973d

Mesocletodes carpinei (f) Soyer, 1975e

Mesocletodes bodini (f) Soyer, 1975e

Mesocletodes ameliae (f) Soyer, 1975e

Mesocletodes parirrasus (f) Becker, Noodt & Schriever, 1979

Mesocletodes sarsi (f) Becker, Noodt & Schriever, 1979

Mesocletodes trisetosa (f) Schriever, 1983

Mesocletodes parabodini (f) Schriever, 1983

Mesocletodes variabilis (f) Schriever, 1983

Mesocletodes duosetosus (f) Schriever, 1985b

Mesocletodes thieli Schriever, 1985b

Mesocletodes faroerensis Schriever, 1985b

Mesocletodes kunzi (f) Schriever, 1985b

◇ 'abyssicola' group:

Mesocletodes dolichurus (f) Smirnov, 1946

Mesocletodes bathybia (f) Por, 1964a

Synonym: *M. boutierei* Soyer, 1964e.

Mesocletodes katharinae (f) Soyer, 1964e

Mesocletodes robustus (f) Por, 1965b

Mesocletodes soyeri (f) Bodin, 1968b

Mesocletodes quadrispinosa (f) Schriever, 1985b

Mesocletodes opoteros (f) Por, 1986b

This species does not really belong to the 'abyssicola' group (no spine on the Ceph.)

Nomen nudum

Mesocletodes gigas Por, 1965a

Genus *Eurycletodes* Sars, 1909

Key to the species: Soyer, 1964a and 1964e.

Subgenus *Eurycletodes* s. str. Lang, 1944*Species nova**Eurycletodes (E.) gorbunovi* (f) Smirnov, 1946Subgenus *Oligocletodes* Lang, 1944*Eurycletodes (O.) latus* (T. Scott, 1892)

Amendments: Por, 1959; Griga, 1962; Marinov, 1971; Apostolov & Marinov, 1988.

Eurycletodes (O.) similis (T. Scott, 1895)

Amendments: Klie, 1950; Pesta, 1959; Chislenko, 1977.

Eurycletodes (O.) oblongus Sars, 1920

Amendments: Por, 1964a; Soyer, 1964a.

Eurycletodes (O.) aculeatus Sars, 1920

Amendments: Por, 1964a; Soyer, 1964a.

Eurycletodes (O.) verisimilis Willey, 1935

Amendments: Por, 1967.

Eurycletodes (O.) echinatus Lang, 1936

Amendments: Bodin, 1968b.

*Species novae**Eurycletodes (O.) monardi* (f) Smirnov, 1946

Description of the male: Schriever, 1986a.

Eurycletodes (O.) hoplurus (f) Smirnov, 1946*Eurycletodes (O.) uniarticulatus* (f) Smirnov, 1946*Eurycletodes (O.) irelandica* (f) Roe, 1959Synonym: *Eurycletodes* sp. Roe, 1958.*Eurycletodes (O.) parasimilis* Por, 1959*Eurycletodes (O.) ephippiger* (f) Por, 1964aSynonym: *E. knoepffleri* Soyer, 1964e (after Bodin, 1988).Description of the male: Soyer, 1964e (as *E. knoepffleri*).*Eurycletodes (O.) petiti* (f) Soyer, 1964a

Amendments: Soyer, 1964e.

Eurycletodes (O.) denticulatus (f) Por, 1967

Eurycletodes (O.) peruanus (f) Becker, Noodt & Schriever, 1979

Eurycletodes (O.) profundus (f) Becker, Noodt & Schriever, 1979

Eurycletodes (O.) quadrispinosa (f) Schriever, 1986a

Species incerta

Eurycletodes aff. *echinatus* (f) Lang *sensu* Por, 1965b

Nomen nudum

Eurycletodes sarsorum Por, 1965a

Genus *Argestes* Sars, 1910

Synonym (?): *Abyssameira* Itô, 1983. It seems that the presence of an internal seta on the proximal segment of the Enp. P1 proximal segment is an exception, only present in *Argestes mollis* Sars.

Species nova

Argestes reductus (m) (Itô, 1983)

Comb. nov. for *Abyssameira reducta* Itô, 1983

Genus *Leptocletodes* Sars, 1920

Species nova

Leptocletodes chaetophorus (f) Smirnov, 1946

Species incerta

Leptocletodes sp. (f) Soyer, 1964e

Genus *Argestigens* Willey, 1935

Genus very close to *Sarsameira* because of the difficulties to distinguish between the 'prehensile' or 'not prehensile' character of Enp. P1.

Species nova

Argestigens abyssalis (f) Becker, Noodt & Schriever, 1979

Genus *Odiliacletodes* Soyer, 1964e

Odiliacletodes gracilis (f) Soyer, 1964e

Genus *Corallicletodes* Soyer, 1966

Corallicletodes boutierei (f) Soyer, 1966

Genus *Hypalocletodes* Por, 1967

Hypalocletodes salomonis Por, 1967

Hypalocletodes aberrans (f) (Marinov, 1973)

Comb. nov. (Marinov & Apostolov, 1985) for *Eurycletodes* (*E.*) *aberrans* Marinov, 1973c.

Amendments: Marinov & Apostolov, 1985.

Genus *Neoargestes* Drzycimski, 1967a

Neoargestes variabilis (f) Drzycimski, 1967a

Neoargestes incertus (f) Becker, Noodt & Schriever, 1979

Genus *Dizahavia* Por, 1979

Dizahavia halophila (f) Por, 1979

Genus close to *Fultonia*. It seems possible to include also *Argestes sarsi*, which was attributed to the genus *Fultonia* by Lang (1965b).

Genus *Megistocletodes* Por, 1986b

Megistocletodes translucens (f) Por, 1986b

Genera et species incertae sedis

Following genera were omitted or not defined at the time Por (1986a) presented the revision of the *Cletodidae*; they are not assigned to one of the new families.

Genus *Austroclctodes* Pallares, 1979

Austroclctodes tricomatsum Pallares, 1979

Genus *Pontocletodes* Apostolov, 1980b

Pontocletodes ponticus (f) Apostolov, 1980b

Amendments: Apostolov & Marinov, 1988.

Genus *Rosacletodes* Wells, 1985

Nom. nov. (Wells, 1985) for *Echinocletodes* Pallares, 1982a (preoccupied name).

Rosacletodes kuehnemanni (Pallares, 1982a)

Synonym: *Echinocletodes kuehnemanni* Pallares (after Wells, 1985).

Genus *Actinocletodes* Fiers, 1986f

Actinocletodes woutersi Fiers, 1986f

Cletodidae incerta et incerta sedis

Cletodidae gen. et sp. (f)? Wells, 1965b

In my opinion the specimen is immature.

Fam. ***ADENOPLEURELLIDAE** Huys, 1990d

This new family was placed in the superfamily **Laophontoidea** T. Scott.

Key to the genera: Huys, 1990d.

Genus **Sarsocletodes** Wilson, 1924

This genus was removed from the **Laophontidae** and allocated to the **Adenopleurellidae** by Huys (1990d).

Sarsocledodes typicus (Sars, 1920)

Redescription: Huys, 1990d.

Genus **Miroslavia** Apostolov, 1980b

This genus was removed from the **Cletodidae** and allocated to the **Adenopleurellidae** by Huys (1990d).

Miroslavia longicaudata (f) Apostolov, 1980b

Amendments: Apostolov & Marinov, 1988.

Genus ***Adenopleurella** Huys, 1990d

Adenopleurella brevipes (f) Huys, 1990d

Genus ***Proceropes** Huys, 1990d

Proceropes secunda (Smirnov, 1946)

Comb. nov. (Huys, 1990d) for **Sarsocletodes secundus** Smirnov, 1946.

Fam. **LAOPHONTIDAE** T. Scott, 1905

Nicholls' (1941b) revision of the family was rejected in Lang's monograph (1948, p. 1619-1621). Nicholls defined the subgenera *Laophonte* s. str., *Mesolaophonte*, *Metalaophonte*, *Neolaophonte* and *Monolaophonte* within the genus *Laophonte* Philippi. The genus *Laophontella* Thompson & A. Scott was transferred (although with reserves) to the **Tetragonicipitidae** by Lang (1965b).

Hicks (1988a) revised the Donsiellinae and removed this subfamily from the **Laophontidae** to the **Thalestridae**. Huys (1988d) reconsidered that the genus *Namakosiramia*, erected by Ho & Perkins (1977) and attributed to the Siphonostomatoida (Namakosiramiidae), and allocated the genus to the **Laophontidae**. The subfamily Normanellinae was upgraded by Huys & Willems (1989). Consequently the subdivision of the **Laophontidae** as proposed by Lang (1944) has 'no raison d'être' any more.

Genus *Laophonte* Philippi, 1840*Laophonte cornuta* Philippi, 1840

Fiers (1986d) provided a key to the species of the *cornuta*-group.

Amendments: Carvalho, 1952a; Pallares, 1968a; Wells & Rao, 1987; Huys, 1990c.

Redescription: Itô, 1968.

Laophonte thoracica Boeck, 1865

Amendments: Pesta, 1959; Griga, 1961; Apostolov & Marinov, 1988.

Redescription: Vervoort, 1962.

Laophonte longicaudata Boeck, 1865

Amendments: Marinov, 1977.

Laophonte setosa Boeck, 1865

Amendments: Dussart, 1967; Apostolov, 1973d; Apostolov & Marinov, 1988.

Laophonte elongata Boeck, 1872

Description of the male: Klie, 1941b; Noodt, 1958b.

Amendments: Vos, 1945; Pesta, 1959; Apostolov & Marinov, 1988.

Laophonte elongata triarticulata Monard, 1928

Amendments: Por, 1960a; Marinov, 1971; Apostolov & Marinov, 1988.

Laophonte elongata barbata Lang, 1934

Nom. nov. (Noodt, 1958b; Por, 1959) for *L. barbata* Lang, 1934.

Amendments: Por, 1959; Pallares, 1970 (as *L. barbata*); Kunz, 1975a.

Laophonte inornata A. Scott, 1902

Amendments: Noodt, 1955d; Hamond, 1969.

Laophonte parvula Sars, 1908

Amendments: Hamond, 1969; Bodin, 1979a; Apostolov & Marinov, 1988.

Laophonte sima Gurney, 1927

Description of the male: Klie, 1950.

***Laophonte brevifurca* Sars, 1920**

Amendments: Griga, 1963.

***Laophonte baltica* Klie, 1929**

Amendments: Chislenko, 1967.

Laophonte baltica baltica* Drzycimsky, 1993**Laophonte inopinata* T. Scott, 1892**

Description of the male: Klie, 1950.

Amendments: Chislenko, 1967 and 1977.

***Laophonte dinocerata* Monard, 1926**

Species considered as a synonym of *L. inornata* by Lang (1948), but reinstated by Vervoort (1964), which was discussed by Hamond (1969).

Amendments: Pallares, 1975b; Wells & Rao, 1987.

***Laophonte trilobata* Willey, 1929**

Amendments: Klie, 1950 (this species listed as '*incerta sedis*' in Lang, 1948).

*Species novae****Laophonte adduensis* (f) Sewell, 1940**

Description of the male: Nicholls, 1944 and 1945a.

***Laophonte foxi* Harding, 1956**

Amendments: Hamond, 1969.

The systematic position of this species was considered questionable by Lang (1965b) because of an incomplete description.

***Laophonte leuke* (Por, 1959)**

Comb. nov. (Lang, 1965b) for *Paronychocamptus leuke* Por, 1959.

***Laophonte pseudoculata* Krishnaswamy, 1959**

The hyphen in '*pseudo-oculata*' is not accepted by the International Code of Zoological Nomenclature.

The species was assigned to the subgenus *Mesolaophonte* by Krishnaswamy, 1959.

Vervoort (1964) allocated this species to the genus *Paralaophonte* Lang. However, Lang (1965b) kept it in the genus *Laophonte* but admitted that it does not fall within any species group.

***Laophonte commensalis* Raibaut, 1961**

Recognizing Nicholls' classification (1941b), Raibaut assigned his species to the subgenus *Mesolaophonte*. Specimens living in association with crabs of the genus *Xantho* (Crustacea, Decapoda).

Laophonte vitiospinulosa* Shen & Tai, 1963**Laophonte ciliata* Noodt, 1964**

Species of the '*cornuta*'-group, after its author.

Laophonte ifalukensis* Vervoort, 1964**Laophonte ifalukensis brevipes* (f) Vervoort, 1964**

***Laophonte spinicauda* (f) (Vervoort, 1964)**

Comb. nov. (Fiers, 1984a; Wells & Rao, 1987) for *Paralaophonte spinicauda* Vervoort, 1964.

Synonym: *Laophonte spinifer* Kunz, 1975b (after Wells & Rao, 1987).

Amendments: Coull, 1971a; Fiers, 1984a; Wells & Rao, 1987.

Description of the male: Coull, 1971a (as *Paralaophonte spinicauda*).

Laophonte acutirostris* (f) Lang, 1965b**Laophonte adamsiae* Raibaut, 1966*****Laophonte drachi* Médioni & Soyer, 1967a*****Laophonte danversae* (f) Hamond, 1969**

Species close to *L. drachi*, after its author (Hamond, 1969: addendum).

Description of the male: Hicks, 1982a.

Laophonte aldonae* Chislenko, 1977**Laophonte euxiniphila* Soyer, 1977*****Laophonte hirsutus* Pallares, 1979*****Laophonte galapagoensis* Mielke, 1981a*****Laophonte expansa* (f) Fiers, 1986d*****Laophonte plana* (f) Fiers, 1986d**

The last two species belong to the 'cornuta' group, after their author, who provided a key to the species of this species group.

Laophonte lignosa* Hicks, 1988bSpecies incertae et incertae sedis****Laophonte macani* (f) Sewell, 1940**

Because of an incomplete description, the systematic position of this species is doubtful, after Lang (1965b).

***Laophonte laurentica* Nicholls, 1941b, 1942b**

Based on an abnormal female and a single male, this species seemed doubtful to Lang (1965b) who assumed relationships with the genus *Heterolaophonte* Lang, but advised to ignore this species.

***Laophonte arenicola* (m) Nicholls, 1941b, 1942b**

Because of an incomplete description, the systematic position of this species is impossible to clarify, after Lang (1965b).

***Laophonte lamellipes* Nicholls, 1944**

This species needs be allocated to the genus *Esola* Edwards, as it resembles closely *Esola typhlops* (Sars), after Lang (1965b).

***Laophonte cornuta* Philippi *nigrocincta* Nicholls, 1944**

This variety probably has to be abandoned and has to be considered as a synonym of *L. cornuta*, as well as *L. cornuta dentioperculata* Lang (in Lang, 1965b).

Laophonte farrani Roe, 1958

Despite a good description, the systematic position of *L. farrani* is impossible to deduce, after Lang (1965b), who marked that this species cannot be assigned to any known genus.

Laophonte sp. (f)? de Pesta, 1959

Only an abdomen was found by Pesta; consequently it seems absolutely impossible to deduce the taxonomic position of this specimen.

Laophonte sp. 1 (f), sp. 2 and sp. 3 (f) de Griga, 1961

Laophonte sp. (m) Wells, 1963b

Laophonte sp. (f) Vilela, 1965

Laophonte confusa Decho & Fleeger, 1986

After examination of the type series, F. Fiers (*in litt.*) confirmed that the male and female described under this name are not conspecific (Hicks, 1988b, footnote p. 449).

Genus *Pseudonychocamptus* Lang, 1944

Key to the species: Lang, 1965b (p. 455); Ceccherelli, 1988.

Pseudonychocamptus koreni (Boeck, 1872)

Amendments: Pesta, 1959; Chislenko, 1967.

Pseudonychocamptus proximus (Sars, 1908)

Amendments: Mielke, 1975. According to Mielke, *Ps. paraproximus* Lang 1965b probably is a synonym of this species.

Pseudonychocamptus abbreviatus (Sars, 1920)

Description of the male: Drzycimski, 1969.

Species novae

Pseudonychocamptus spinifer Lang, 1965b

Amendments: Letova, 1982.

Pseudonychocamptus carthyi (f) Hamond, 1968

Pseudonychocamptus marinovi (f) Apostolov & Petkovski, 1980

Pseudonychocamptus colomboi Ceccherelli, 1988

Species incerta

Pseudonychocamptus paraproximus Lang, 1965b

Species probably synonymous with *Ps. proximus*, after Mielke, 1975.

Genus *Heterolaophonte* Lang, 1944

Key to the species: Lang, 1965b (p. 468).

Species of the 'quinquespinosa' group were removed from the genus and assembled in a new genus (*Quinquelaophonte*) by Wells, Hicks & Coull (1982).

Heterolaophonte stroemi (Baird, 1834)

Amendments: Vos, 1945 (as *Laophonte curticauda* Boeck); Apostolov & Marinov, 1988.

Heterolaophonte stroemi brevicaudata (Monard, 1928)

Description of the male: Noodt, 1955a.

Amendments: Klie, 1941c (as *Laophonte brevicaudata*); Marinov, 1971; Apostolov & Marinov, 1988.

Redescription: Noodt, 1955a.

Heterolaophonte uncinata (Czerniavski, 1868)

Synonym: *Laophonte vietsi* Klie, 1941c (after Noodt, 1955a; Marcus & Por, 1960; Lang, 1965b).

Amendments: Petkovski, 1954; Marcus & Por, 1960; Apostolov & Marinov, 1988.

Heterolaophonte minuta (Boeck, 1872)

Amendments: Vos, 1945 (as *Laophonte minuta*); Chislenko, 1967; Letova, 1982; Dahms, 1989.

Redescription: Willen, 1992.

Heterolaophonte littoralis (T. & A. Scott, 1893)

Amendments: Chislenko, 1967.

Heterolaophonte curvata (Douwe, 1929)

Amendments: Por, 1960a; Marinov, 1971; Apostolov, 1973d; Apostolov & Marinov, 1988.

Heterolaophonte discophora (Willey, 1929)

Synonym: *H. rotundipes* Chappuis, 1958 (after Lang, 1965b and Itô, 1974).

Redescription: Lang, 1965b; Itô, 1974.

Heterolaophonte campbelliensis (Lang, 1934)

Redescription: Pallares, 1968b.

Heterolaophonte tenuispina (Lang, 1934)

Redescription: Pallares, 1968b.

Heterolaophonte pauciseta (Lang, 1936)

Amendments: Pallares, 1968a.

*Species novae**Heterolaophonte mendax* (Klie, 1939, 1941)

Comb. nov. (Lang, 1965b) for *Laophonte mendax* Klie, 1939, 1941a.

Heterolaophonte longisetigera Klie, 1950

Originally described as a form of *H. littoralis*, Boer (1971) raised it to species rank (which was already assumed by Lang, 1965b).

Synonym: *Laophonte littoralis* (T. & A. Scott) var. *sensu* Monard, 1935 (after Klie, 1950 and Lang, 1965b).

Amendments: Boer, 1971.

Heterolaophonte hamatus (f) Jakobi, 1954a

Redescription of the female and description of the male: Yeatman, 1975.

Heterolaophonte stroemi (Baird) *paraminuta* Noodt, 1955d

Amendments: Kunz, 1975a; Apostolov & Marinov, 1988.

Heterolaophonte furcata (f) Noodt, 1958b

Amendments: Marinov, 1977.

Heterolaophonte brevipes Roe, 1958*Heterolaophonte denticulata* Roe, 1958*Heterolaophonte curvata* (Douwe) *micrarthros* (f) Marcus and Por, 1960

Amendments: Marinov, 1971; Apostolov, 1973d; Apostolov & Marinov, 1988.

Heterolaophonte variabilis Lang, 1965b*Heterolaophonte norvegica* Drzycimski, 1968a*Heterolaophonte hamondi* Hicks, 1975

Synonym (?): *Heterolaophonte bisetosa* (f) Mielke, 1975. After Mielke, the male described as *Heterolaophonte* sp. by Wells (1961) could be the male of *H. bisetosa*, consequently the male of *H. hamondi*.

Heterolaophonte tupitskyi (f) Chislenko, 1976*Heterolaophonte serratula* Mielke, 1981a*Heterolaophonte murmanica* Letova, 1982*Heterolaophonte wellsi* Letova, 1982

This species was renamed *H. letovae* by Huys (1990c) because of a supposed preoccupation of the species name by *H. wellsi* Hamond (1973). But, as this latter species has been transferred to the genus *Quinquelaophonte* by Wells, Hicks & Coull (1982), *H. wellsi* Letova is a valid name and *H. letovae* becomes a junior synonym.

Synonym (?): *Heterolaophonte* sp. Wells (1961), after Letova (1982). But Mielke (1975) thought that the male described by Wells could be either the male of *H. bisetosa* Mielke (1975) or *H. hamondi* Hicks.

*Species incertae**Heterolaophonte laurentica* (Nicholls, 1941)

Comb. nov. (Lang, 1965b) for *Laophonte laurentica* Nicholls, 1941b, but considered questionable by Lang (1965b).

Heterolaophonte manifera (Wilson) *sulamericana* Jakobi, 1954a

This subspecies was not accepted by Lang (1965b).

Heterolaophonte sp. (f) Roe, 1959Genus *Paronychocamptus* Lang, 1944

Key to males: Lang, 1965b (p. 486).

Key to the species: Coull, 1976a.

Paronychocamptus curticaudatus (Boeck, 1865)

Amendments: Mielke, 1975.

Paronychocamptus nanus (Sars, 1908)

Amendments: Heip, 1969.

*Species novae**Paronychocamptus proprius* (m) Lang, 1965b

Species assigned to the genus *Paronychocamptus* with reserves.

Paronychocamptus connexus Pallares, 1979*Paronychocamptus anomalus* Ranga Reddy, 1984aGenus *Paralaophonte* Lang, 1944

Key to the species: Lang, 1965b; Wells, Hicks & Coull, 1982.

Paralaophonte brevirostris (Claus, 1863)

Amendments: Noodt, 1955d; Petkovski, 1955b; Pesta, 1959; Candeias, 1959; Marinov, 1971; Apostolov, 1973b; Hamond, 1973c; Wells & Rao, 1987; Apostolov & Marinov, 1988.

Redescription: Yeatman, 1970.

Paralaophonte perplexa (T. Scott, 1898)

Amendments: Chislenko, 1967.

Paralaophonte meinerti (Brady, 1899)

Redescription of the female: Pallares, 1968b.

Paralaophonte congenera (Sars, 1908)

Amendments: Nicholls, 1945a (as *Laophonte (Laophonte) congenera*); Yeatman, 1962; Hamond, 1973c.

Redescription of the male: Yeatman, 1962; Hamond, 1969.

Paralaophonte congenera (Sars) *mediterranea* Monard, 1935

Amendments: Apostolov & Marinov, 1988.

Paralaophonte macera (Sars, 1908)

Amendments: Chislenko, 1967 and 1977.

Paralaophonte hyperborea (Sars, 1909)

Amendments: Mielke, 1974; Chislenko, 1977.

Paralaophonte gracilipes (Brady, 1910)

Amendments: Pallares, 1968a.

Paralaophonte karmensis (Sars, 1911)

Amendments: Chislenko, 1967.

Paralaophonte quaterspinata (Brian, 1917)

Amendments: Pesta, 1959.

Paralaophonte octavia (Monard, 1935)

Amendments: Apostolov & Marinov, 1988.

Paralaophonte dieuzeidei (Monard, 1936)

Description of the male: Bodin, 1964.

Species novae

Paralaophonte lacerdai Jakobi, 1953a

Paralaophonte obscura Vervoort, 1962

Paralaophonte pilosoma (m) Vervoort, 1964

Paralaophonte majae Petkovski, 1964a

Species found in the branchial cavities of *Maja squinado* Herbst (Crustacea, Decapoda).

Paralaophonte asellopsiformis Lang, 1965b

Paralaophonte pacifica Lang, 1965b

Paralaophonte pacifica Lang *galapagoensis* Mielke, 1981a

Paralaophonte ormieresi Raibaut, 1968

Paralaophonte sculpta (f) Hamond, 1973c

Paralaophonte spitzbergensis Mielke, 1974

Paralaophonte innae Chislenko, 1977

Paralaophonte problematica Mielke, 1981a

Paralaophonte panamensis Mielke, 1982a

Paralaophonte aenigmaticum Wells, Hicks & Coull, 1982

Paralaophonte echinata Fiers, 1986d

Species incerta

Paralaophonte aff. *taurina* (Monard) *sensu* Por, 1964a

Por did not describe the specimens. However, Petkovski (1964a) (based upon examination of Por's material?) assumed that this form is conspecific with *P. majae* Petkovski.

Genus *Asellopsis* Brady & Robertson, 1873

Asellopsis hispida Brady & Robertson, 1873

Amendments: Mielke, 1975.

Asellopsis intermedia (T. Scott, 1895)

Amendments: Klie, 1950; Bodin, 1970; Mielke, 1975.

Asellopsis duboscqui Monard, 1926

Amendments: Bodin, 1964; Vilela, 1965; Marinov, 1971; Apostolov, 1973b; Apostolov & Marinov, 1988.

Redescription: Dinet, 1971.

Asellopsis sarmatica Jakubisiak, 1938

Redescription: Por, 1960a.

*Species novae**Asellopsis littoralis* Nicholls, 1940*Asellopsis arenicola* Chappuis, 1954b*Asellopsis chappuisius* Krishnaswamy, 1957a

Amendments: Rao & Ganapati, 1969b.

Asellopsis bacescui Por, 1959, 1964a*Asellopsis penicillata* Por, 1964aGenus *Platychelipus* Sars, 1908*Platychelipus littoralis* Brady, 1880

Amendments: Barnett, 1966; Huys, 1990c.

Platychelipus laophontoides Sars, 1908

Amendments: Barnett, 1966; Letova, 1982.

Genus *Esola* Edwards, 1891*Esola longicauda* Edwards, 1891

Amendments: Nicholls, 1945a (as *Laophonte rhodiaca* Brian); Noodt, 1955d; Hamond, 1969; Wells & Rao, 1987.

Esola longiremis (T. Scott, 1904)

Description of the male: Wells, 1961.

Esola bulligera (Farran, 1913)

Redescription: Vervoort, 1962.

Esola typhlops (Sars, 1920)

Amendments: Drzycimski, 1969.

Esola rosei (Monard, 1926)

Description of the male: Pesta, 1959.

*Species novae**Esola typhlops* (Sars) *pontoica* (f) Por, 1959, 1964a*Esola longicauda* Edwards *galapagoensis* Mielke, 1981a

This subspecies is considered invalid by Wells & Rao, 1987.

Species incertae

Esola longicauda Edwards var. (m) *sensu* Vervoort, 1964

Esola sp. (m) Chislenko, 1967

Genus *Pseudolaophonte* A. Scott, 1896

Key to the species: Bodin, 1977.

Species novae

Pseudolaophonte proteus Klie, 1950

Pseudolaophonte glemareci Bodin, 1977

Genus *Onychocamptus* Daday, 1903

Following the creation of the genera *Echinolaophonte* Nicholls, *Klieonychocamptus* Noodt and *Folioquinpes* Fiers & Rutledge, several species initially assigned to *Onychocamptus* were allocated to them.

Onychocamptus mohammed (Blanchard & Richard, 1891)

Amendments: Veldre & Maesmets, 1956 (as *Laophonte mohammed*); Serban & Plesa, 1957; Shen & Tai, 1962 (as *Laophonte mohammed*); Dussart, 1967; Apostolov, 1973b and 1973e; Apostolov & Marinov, 1988.

Onychocamptus bengalensis (Sewell, 1934)

Amendments: Song & Chang, 1995.

Redescription: Hamond, 1973a.

Species novae

Onychocamptus taifensis Kikuchi, Dai & Ito, 1993

Freshwater species.

Onychocamptus krusensterni Schizas & Shirley, 1994a

Species incerta

Onychocamptus besnardi Jakobi, 1954a

After Lang (1965b), this species probably represents a form of *O. mohammed*.

Genus *Laophontina* Norman & T. Scott, 1905

Key to the species: Coull & Zo, 1980; Cottarelli, 1983; Fiers, 1986a, 1991c.

Laophontina dubia Norman & T. Scott, 1905

Synonym: *Laophontina paradubia* Cottarelli, 1983 (after Fiers, 1991c).

Redescription: Geddes, 1982; Fiers, 1991c.

*Species novae****Laophontina acantha*** (m) Noodt, 1955c

Description of the female: Wells & Clark, 1965.

Amendments: Wells, 1967 (without illustration).

Redescription: Fiers, 1991c.

Laophontina noodti (f) Kunz, 1983***Laophontina posidoniae*** Fiers, 1986a

Amendments: Fiers, 1991c.

Laophontina sensillata Wells & Rao, 1987Genus ***Harrietella*** T. Scott, 1906***Harrietella simulans*** (T. Scott, 1894)

Amendments: Vervoort, 1950; Coull & Lindgren, 1969; Hicks, 1989.

Redescription: Pinkster, 1968.

Genus ***Hemilaophonte*** Jakubisiak, 1932***Hemilaophonte janinae*** Jakubisiak, 1932

Redescription: Fiers, 1992b.

Genus ***Echinolaophonte*** Nicholls, 1941a

Genus created by Nicholls unifying the species of the 'horridus'-group of the genus *Onychocamptus* (Lang, 1948, p. 1620).

Key to the species: Lang (1965b, p. 508).

Echinolaophonte horrida (Norman, 1876)

Amendments: Chislenko, 1967 and 1977 (as *Onychocamptus horridus*).

Echinolaophonte brevispinosa (Sars, 1908)***Echinolaophonte armiger*** (Gurney, 1927)

Synonym: *E. armiger typica* Lang, 1965b (after Bodin, 1979a).

Amendments: Nicholls, 1945a; Carvalho, 1952a (as *Laophonte armiger*); Pesta, 1959 (as *Onychocamptus armiger*); Marinov, 1977 (as *Onychocamptus armiger*).

Echinolaophonte mirabilis (Gurney, 1927)

Amendments and description of the male: Wells & Rao, 1987.

*Species novae****Echinolaophonte gladiator*** (f) (Vervoort, 1964)

Comb. nov. (Lang, 1965b) for *Onychocamptus gladiator* Vervoort, 1964.

Echinolaophonte armiger briani Lang, 1965b

Echinolaophonte oshoroensis Itô, 1969

Echinolaophonte tropica Ummerkutty, 1970

Amendments: Wells & Rao, 1987.

Echinolaophonte tetracheir Mielke, 1981a

Echinolaophonte minuta Cottarelli & Forniz, 1991

Echinolaophonte veniliae Cottarelli, Forniz & Bascherini, 1992

Genus *Pilifera* Noodt, 1952b

Genus created by Noodt for *Laophonte gracilis* T. Scott (1903), a species that Lang (1948) previously attributed to the genus *Pseudonychocamptus* Lang.

Pilifera gracilis (T. Scott, 1903)

Description of the male (?): Noodt, 1952b. But Lang (1965b) assumed that Noodt's specimens could be a subspecies of *P. gracilis*.

Genus *Mourephonte* Jakobi, 1953a

Genus created by Jakobi for *Mourephonte catharinensis* Jakobi (1953a). Lang (1965b), accepting the genus, noticed that *M. catharinensis* is a synonym of *Laophonte longiseta* Nicholls (1941a). Consequently, the genus *Mourephonte* has the following species as type-species:

Mourephonte longiseta (m) (Nicholls, 1941a)

Synonym: *M. catharinensis* Jakobi, 1953a.

Vervoort (1964) assumed that this male is conspecific with *Esola longicauda* Edwards.

Genus *Loureiophonte* Jakobi, 1953a

This genus considered as doubtful by Vervoort (1964) and Lang (1965b), was accepted by Mielke (1981a) who added a new species. Fiers (1993) distinguished three species groups within the genus: *catharinensis*, *cesareae* and *subterranea*.

Key to the species: Fiers, 1993.

◆ 'catharinensis' group:

Loureiophonte catharinensis Jakobi, 1953a

Loureiophonte paranaensis (f) Jakobi, 1953a

Loureiophonte isabelensis Mielke, 1981a

Loureiophonte furcata (m) Fiers, 1993

Loureiophonte laingensis Fiers, 1993

Loureiophonte majahualensis Fiers, 1993

◆ 'cesareae' group:

Loureiophonte cesareae (Por, 1964a)

Comb. nov. (Fiers, 1993) for *Laophonte cesareae* Por, 1964a.

Amendments: Fiers, 1993.

Louireiophonte majacola Fiers, 1993

Louireiophonte mediterranea Fiers, 1993

◆ 'subterranea' group:

Louireiophonte subterranea (Lang, 1965b)

Comb. nov. (Fiers, 1993) for *Paralaophonte subterranea* Lang, 1965b.

Genus *Mictyricola* Nicholls, 1957

Mictyricola typica Nicholls, 1957

Mictyricola proxima Nicholls, 1957

These two species were collected from soldier crabs of the genus *Mictyris* (Crustacea, Decapoda).

Genus *Klieonychocamptoides* Noodt, 1958b

Genus created by Noodt to assemble some species of the genus *Laophontina* Norman & T. Scott. However, in Lang's opinion (1965b) this genus should be limited to the following two species:

Klieonychocamptoides arenicola (Chappuis & Delamare Deboutteville, 1956)

Comb. nov. (Noodt, 1958b) for *Laophontina arenicola* Chappuis & Delamare Deboutteville, 1956.

Amendments: Rao & Ganapati, 1969b (misspelt as *Kleionychocamptoides arenicola*).

Klieonychocamptoides remanei Noodt, 1958b

Amendments: Rao & Ganapati, 1969b (misspelt as *Kleionychocamptoides remanei*).

The two other species initially assigned to this genus by Noodt (1958b), namely *Laophontina brevipes* Chappuis (1954b) and *Laophontina renaudi* Chappuis & Delamare Deboutteville (1956), are transferred to the genus *Afroloaophonte* Chappuis (1960) by Lang (1965b).

Klieonychocamptoides arganoi Cottarelli & Mura, 1980

Amendments: Wells & Rao, 1987.

Klieonychocamptoides itoi Mielke, 1981a

Genus *Klieonychocamptus* Noodt, 1958b

Erected for the species *Laophonte kliei* Monard and comprises the other species of the 'kliei' group of the genus *Onychocamptus sensu* Lang (1948). The genus did not seem 'natural' to Lang (1965b, p. 446). It comprises the following species:

Klieonychocamptus kliei (Monard, 1935)

Synonym: *Onychocamptus kliei* (Monard) *sensu* Lang, 1948.

Description of the male: Noodt, 1955c; Wells, 1961; Marinov, 1971 (all as *Onychocamptus kliei*).

Amendments: Serban & Plesa, 1957 (as *Onychocamptus kliei*); Apostolov & Marinov, 1988.

Klieonychocamptus kliei adriaticus (Petkovski, 1954)

Comb. nov. (Vervoort, 1964) for *Onychocamptus kliei adriatica* Petkovski, 1954.

Amendments: Serban and Plesa, 1957 (as *Onychocamptus kliei adriatica*); Apostolov, 1973b; Kunz, 1975; Apostolov & Marinov, 1988.

Klieonychocamptus kliei confluens Noodt, 1958b

***Klieonychocamptus kliei ponticus* Marcus, 1971**

Marcus (1971) gave a key to the subspecies of *K. kliei*.

***Klieonychocamptus ponticus* (Serban & Plesa, 1957)**

Comb. nov. (Vervoort, 1964) for *Onychocamptus ponticus* Serban & Plesa, 1957.

Synonym: *K. diarticulatus* Noodt, 1958b (after Lang, 1965b and Marcus, 1971).

Amendments: Kunz, 1983; Wells & Rao, 1987; Apostolov & Marinov, 1988.

Klieonychocamptus discipes* Noodt, 1958b*Genus *Afroloaophonte* Chappuis, 1960**

In a overview of the harpacticoids from Chile, George (1996), misspelt the generic name as *Aphroloaophonte*.

Key to the species and revision of the genus: Cottarelli & Mura, 1982; Fiers, 1990a.

***Afroloaophonte brevipes* (Chappuis, 1954)**

Comb. nov. (Lang, 1965b) for *Laophontina brevipes* Chappuis, 1954b.

Synonym: *Klieonychocamptoides brevipes* (Chappuis, 1954) *sensu* Noodt, 1958b.

***Afroloaophonte renaudi* (f) (Chappuis & Delamare Deboutteville, 1956)**

Comb. nov. (Lang, 1965b) for *Laophontina renaudi* Chappuis & Delamare Deboutteville, 1956.

Synonym: *Klieonychocamptoides renaudi* (Chappuis & Delamare Deboutteville, 1956) *sensu* Noodt, 1958b.

Afroloaophonte monodi* Chappuis, 1960**Afroloaophonte pori* Masry, 1970**

Redescription: Cottarelli, Forniz & Bascherini, 1992.

***Afroloaophonte schmidti* Mielke, 1981a**

Amendments: Mielke, 1982a.

Afroloaophonte michaelae* Cottarelli & Mura, 1982**Afroloaophonte aequatorialis* Cottarelli & Mura, 1982*****Afroloaophonte leonis* (f) Cottarelli & Mura, 1982*****Afroloaophonte chilensis* Mielke, 1985c**

Generic name misspelt as *Aphroloaophonte* in George (1996, p. 83).

Afroloaophonte brignolii* Cottarelli, 1986**Afroloaophonte michae* (f) Cottarelli, 1986*****Afroloaophonte ensiger* Wells & Rao, 1987**

Species very close (synonym ?) to *A. aequatorialis* known from the Maldives (Cottarelli & Mura, 1982).

***Afroloaophonte stocki* Fiers, 1990a**

Genus *Microlaophonte* Vervoort, 1964

Microlaophonte spongicola (f) Vervoort, 1964

Microlaophonte trisetosa Boxshall, 1976

Genus *Arenolaophonte* Lang, 1965b

Arenolaophonte stygia Lang, 1965b

Genus *Stygolaophonte* Lang, 1965b

Stygolaophonte arenophila Lang, 1965b

Genus *Psammolaophonte* Wells, 1967

Psammolaophonte spinicauda Wells, 1967

Genus *Tapholeon* Wells, 1967

Tapholeon ornatus Wells, 1967

Tapholeon uniarticulatus Wells, 1967

Genus *Apolethon* Wells, 1967

Apolethon fumator Wells, 1967

Apolethon trigonus (f) Shen & Tai, 1973

Apolethon bilobatus (f) Shen & Tai, 1973

Genus *Platylaophonte* Bodin, 1968a

Synonym: *Laophontidae* gen. et sp.? Bodin, 1964.

Platylaophonte delamarei Bodin, 1968a

Genus *Coullia* Hamond, 1973c

Coullia platychelipusioides (f) (Noodt, 1958)

Comb. nov. (Hamond, 1973c) for *Laophonte?* *platychelipusioides* Noodt, 1958b.

Coullia clysmæ (f) (Por & Marcus, 1972)

Comb. nov. (Fiers, 1992b) for *Hemilaophonte clysmæ* Por & Marcus, 1972.

Coullia heteropus (f) Hamond, 1973c

Genus *Hoplolaophonte* Hamond, 1973c

Hoplolaophonte aculeata Hamond, 1973c

Genus *Phycolaophonte* Pallares, 1975a

Phycolaophonte insularis Pallares, 1975a

Amendments: Mielke, 1985c.

Genus *Mexicolaophonte* Cottarelli, 1977b

Genus close to genera *Klieonychocamptoides*, *Afroloaophonte* and *Laophontina*.

Mexicolaophonte arganoi Cottarelli, 1977b

Amendments: Fiers, 1986d.

Mexicolaophonte osellai (f) Cottarelli, 1986

Mexicolaophonte mielkei Fiers, 1991c

Comb. nov. (Fiers, 1991c) for ? *Laophontina* sp. (m) Mielke, 1982a

Mexicolaophonte creola (m) Cottarelli & Forniz, 1990

Genus **Namakosiramia* Ho & Perkins, 1977

Namakosiramia californiensis (f) Ho & Perkins, 1977

Parasite of the holothurid *Stichopus parvimensis*, this species was classified in a new Siphonostomatoida family by its authors: the Namakosiramiidae. But Ho (1986) discussed the possible affinities with the Harpacticoida. Huys (1988d) redescribed the species and allocated it effectively to the **Laophontidae** (Laophontinae).

Genus *Galapalaophonte* Mielke, 1981a

Key to the species: Fiers, 1991c.

Galapalaophonte pacifica Mielke, 1981a

Synonym: *Laophontina triarticulata* Coull & Zo, 1980 (part.), after Fiers, 1991c.

Amendments: Mielke, 1982a (as *Laophontina triarticulata*); Fiers, 1991c.

Galapalaophonte triarticulata (Coull & Zo, 1980)

Comb. nov. (Fiers, 1991c) for *Laophontina triarticulata* Coull & Zo, 1980 (part.).

Redescription: Fiers, 1991c.

Galapalaophonte variabilis (f) (Coull & Zo, 1980)

Comb. nov. (Fiers, 1991c) for *Laophontina variabilis* Coull & Zo, 1980. Wells & Rao's (1987) advanced the opinion to consider this species as 'incerta sedis' in the genus *Galapalaophonte*.

Amendments: Fiers, 1991c.

Galapalaophonte carolinensis Fiers, 1991c

Synonym: *Laophontina triarticulata* Coull & Zo, 1980 (part.).

Galapalaophonte chilensis Fiers, 1991c

Synonyms: *Laophontina triarticulata* Coull & Zo, 1980 *sensu* Mielke, 1985c and *Laophontina triarticulata* Fiers, 1986a (part.), after Fiers, 1991c.

Galapalaophonte biarticulata Fiers, 1991c*Galapalaophonte antillensis* Fiers, 1991cGenus *Quinquelaophonte* Wells, Hicks & Coull, 1982

Genus created to assemble the 'quinquespinosa' species group of the genus *Heterolaophonte* Lang.

Key to the species and table enlisting taxonomic features: Wells, Hicks & Coull, 1982.

Quinquelaophonte quinquespinosa (Sewell, 1924)

Comb. nov. (Wells, Hicks & Coull, 1982) for *Laophonte quinquespinosa* Sewell, 1924, which become thus the type-species of the genus.

Synonyms: *Heterolaophonte quinquespinosa* (Sewell) de Lang, 1948.

Heterolaophonte sigmoides (Willey, 1930) *sensu* Por (1973), Wells & McKenzie (1973) and Hamond (1973a).

Amendments: Candeias, 1959 (as *Heterolaophonte quinquespinosa*); Wells & Rao, 1987.

Redescription: Por, 1973; Wells & McKenzie, 1973 (as *Heterolaophonte quinquespinosa*); Hamond, 1973a (as *H. sigmoides*).

Quinquelaophonte capillata (m) (C.B. Wilson, 1932)

Comb. nov. (Wells, Hicks & Coull, 1982) for *Laophonte capillata* C.B. Wilson, 1932.

Synonyms: *Paronychocamptus capillatus* (C.B. Wilson) *sensu* Lang, 1948.

Paronychocamptus wilsoni Coull, 1976a.

Heterolaophonte noncapillata Lang, after Coull, 1976a.

Amendments: Coull, 1986.

*Species novae**Quinquelaophonte longifurcata* (Lang, 1965)

Comb. nov. (Wells, Hicks & Coull, 1982) for *Heterolaophonte longifurcata* Lang, 1965b.

Quinquelaophonte parasigmoides (Bozic, 1969)

Comb. nov. (Wells, Hicks & Coull, 1982) for *Heterolaophonte parasigmoides* Bozic, 1969b.

Synonym: *Heterolaophonte sigmoides* (Willey) *sensu* Bozic, 1964a (after Bozic, 1969b).

Quinquelaophonte wellsii (Hamond, 1973)

Comb. nov. (Wells, Hicks & Coull, 1982) for *Heterolaophonte wellsii* Hamond, 1973a.

Synonym: *Heterolaophonte* sp. nov. *sensu* Bayly, 1970.

Quinquelaophonte candelabrum Wells, Hicks & Coull, 1982

Synonym: *Heterolaophonte* sp. Coull & Wells, 1981 (after the authors).

Genus *Novolaophonte* Cottarelli, Saporito & Puccetti, 1983a*Novolaophonte viatorum* Cottarelli, Saporito & Puccetti, 1983a

Genus *Chilaophonte* Mielke, 1985c

Chilaophonte maiquillahuensis Mielke, 1985c

Chilaophonte concepcionensis Mielke, 1985c

Genus *Maiquilaophonte* Mielke, 1985c

Maiquilaophonte uachi Mielke, 1985c

Genus *Lipomelum* Fiers, 1986d

Synonym: **Apolaophonte* Wells & Rao, 1987 (personally confirmed by F. Fiers).

Lipomelum adriaticum (Petkovski, 1955)

Comb. nov. (Fiers, 1986d) for *Laophonte adriatica* Petkovski, 1955a.

Amendments: Kunz, 1975a (as *Laophonte adriatica*).

Lipomelum heteromelum Fiers, 1986d

Comment: This species looks very close to *L. hispidum* (Wells & Rao, 1987).

Lipomelum variabile (f) Fiers, 1986d

Lipomelum hispidum (Wells & Rao, 1987)

Comb. nov. for *Apolaophonte hispida* Wells & Rao, 1987.

Comment: This species seems very close (synonym?) to *L. heteromelum* Fiers, 1986d.

Genus *Indolaophonte* Cottarelli, Saporito & Puccetti, 1986b

Indolaophonte ramai Cottarelli, Saporito & Puccetti, 1986b

Indolaophonte gemmarum Cottarelli & Puccetti, 1988

Genus **Langia* Wells & Rao, 1987

Langia maculata Wells & Rao, 1987

Genus **Raptolaophonte* Cottarelli & Forniz, 1989

Raptolaophonte ardua Cottarelli & Forniz, 1989

Genus **Folioquinpes* Fiers & Rutledge, 1990

Synonym: *Onychocamptus* (part.) after Fiers & Rutledge, 1990.

Folioquinpes chathamensis (Sars, 1904)

Comb. nov. for *Onychocamptus chathamensis* Sars, 1904 (after Fiers & Rutledge, 1990).

Synonym: *Onychocamptus* sp. (f) Mielke, 1981a (after Fiers & Rutledge, 1990).

Folioquinpes mangalis Fiers & Rutledge, 1990

Genus **Xanthilaophonte* Fiers, 1991a

Species of this genus are living between the hairs on the carapax of xanthid crabs.

Xanthilaophonte trispinosa (f) (Sewell, 1940)

Comb. nov. (Fiers, 1991a) for *Laophonte trispinosa* Sewell, 1940. Noodt (1958b) and Lang (1965b), assumed that this species should be assigned either to the genus *Onychocamptus* Daday or to the genus *Klieonychocamptus* Noodt, while Sewell stressed the similarities with the species now unified within the genus *Echinolaophonte* Nicholls.

Redescription: Fiers, 1991a (including copepodid development).

Xanthilaophonte carcinicola Fiers, 1991aGenus **Wellsiphontina* Fiers, 1991c*Wellsiphontina distincta* (Wells, 1967)

Comb. nov. (Fiers, 1991c) for *Laophontina distincta* Wells, 1967.

Amendments: Fiers, 1991c.

Wellsiphontina striata Fiers, 1991c

Designated as type-species of the genus by Fiers (1991c).

Genus **Amerolaophontina* Fiers, 1991c*Amerolaophontina reducta* (Coull & Zo, 1980)

Comb. nov. (Fiers, 1991c) for *Laophontina reducta* Coull & Zo, 1980.

Redescription: Fiers, 1991c.

Genus **Robustunguis* Fiers, 1992c

Genus close to *Coullia* Hamond (1973c), after Fiers (1992c).

Species of this genus are living between the hairs on the carapax of xanthid crabs.

Robustunguis unguulatus Fiers, 1992c*Robustunguis minor* Fiers, 1992cGenus **Elapholaophonte* Schizas & Shirley, 1994c*Elapholaophonte decaceros* (m) Schizas & Shirley, 1994cGenus **Archilaophonte* Willen, 1995

Genus close to *Esola* Edwards, after its author.

Archilaophonte maxima Willen, 1995Genus **Cornylaophonte* Willen, 1996a*Cornylaophonte pleisteri* Willen, 1996a

Genus **Weddellaophonte* Willen, 1996a

Weddellaophonte anyae Willen, 1996a

Fam. ***LAOPHONTOPSIDAE** Huys & Willems, 1989

Synonyms: **Canthocamptidae** Brady, 1880 (part.), **Laophontidae** T. Scott, 1905 (part.) and **Normanellinae** Lang, 1944 (part.), after Huys & Willems, 1989.

Key to the genera: Huys & Willems, 1989.

Genus *Laophontopsis* Sars, 1908

Synonyms: *Cleta* Claus, 1863 (preoccupied name for lepidopterans in 1845) and *Laophonte* Philippi, 1840 (part.), after Huys & Willems, 1989.

Key to the species: Huys & Willems, 1989.

Laophontopsis lamellifera (Claus, 1863)

Synonym: *Cleta lamellifera* Claus (1863), after Huys & Willems, 1989.

Laophontopsis borealis Huys & Willems, 1989

Synonyms: *Laophontopsis lamellifera* Sars, 1908 Sars and *Cleta lamellifera* Claus, 1863 *sensu* many authors (cf. Huys & Willems, 1989, p. 207).

Laophontopsis monardi Huys & Willems, 1989

Synonym: *Laophontopsis lamellifera* Sars *sensu* Monard, 1928 *nec* (Claus, 1863).

Genus **Aculeopsis* Huys & Willems, 1989

Synonyms: *Cleta* Claus, 1863 (part.) and *Laophontopsis* Sars, 1908 (part.), after Huys & Willems, 1989.

Aculeopsis longisetosa Huys & Willems, 1989

Synonym: *Cleta lamellifera* Claus *sensu* Bodin (1964), after Huys & Willems, 1989.

Redescription: Huys & Willems, 1989.

Genus **Telodocus* Huys & Willems, 1989

Synonyms: *Cleta* Claus, 1863 (part.) and *Laophontopsis* Sars, 1908 (part.), after Huys & Willems, 1989.

Telodocus secundus (Sewell, 1924)

Comb. nov. (Huys & Willems, 1989) for *Cleta secunda* Sewell, 1924.

Fam. ***CRISTACOXIDAE** Huys, 1990c

Genus *Noodtorthopsyllus* Lang, 1965b

Noodtorthopsyllus psammophilus (Noodt, 1955)

Comb. nov. (Lang, 1965b) for *Orthopsyllus psammophilus* Noodt, 1955a.

Amendments: Huys, 1990c.

Genus *Cubanocleta* Petkovski, 1977

Petkovski refrained to assign this genus either to the **Laophontidae** or to the **Ancorabolidae**.

Cubanocleta noodti Petkovski, 1977

Redescription: Huys, 1990c.

Genus **Cristacoxa* Huys, 1990c

Cristacoxa petkovskii (m) Huys, 1990c