

# Catalogue of genera of the terrestrial Isopoda (Crustacea: Isopoda: Oniscidea)

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## Steenstrupia



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A list of all genus and subgenus names published until the end of 2001 is given. Each name is supplemented with information on current family placement, type species, type locality, type specimens, synonyms, estimated number of species currently included and the geographic range. Remarks are made to explain the sometimes confusing history of the names; 507 genus names of the Oniscidea now are considered formally valid.

Keywords: Isopoda Oniscidea, catalogue.

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## INTRODUCTION

At present, the taxonomic situation of the terrestrial isopods is still unsatisfactory. Mainly because of insufficient descriptions and illustrations by some earlier authors, many species cannot be reliably identified without re-examination of the type specimens. For many species described in a genus that was split by subsequent authors, the current generic placement is insecure and cannot be deduced from the description. Moreover, the examples of invalid names used in the literature abound. This is a consequence of ignoring or disregarding the ICZN by some authors. Instead of correcting these mistakes, subsequent authors often perpetuated the errors.

Given this situation, we think, as a first step, a list of genera with extensive information will be useful to find and correct old errors and also to facilitate (or to incite) taxonomic revisions of subtaxa of the Oniscidea.

The following list gives a survey of all nominal genera and subgenera described until end of 2001. For each genus, the current classification (family), the type species (if designated), type

locality and information on the type specimens of the type species are given.

Information on the type specimens includes information published in taxonomic papers and catalogues of museum specimens, and also unpublished data collected by us during visits to several museums. In addition to the detailed data given below, the reader may note that:

Arcangeli: most of the type specimens seem to have been lost, or their whereabouts are unknown.

Dalens: his publications indicate material as “personal collection of the author”. The address given in the publications is Laboratoire d’Ecologie des Invertébrés terrestres, Centre de Recherches souterraines et édaphiques du CNRS, Université Paul Sabatier, Toulouse, France.

Paulian de Félice: types appear to be in MNHN, Paris.

Strouhal: many or most of the type specimens may be in NHMW, Vienna.

Vandel: the Vandel Collection now is in MNHN, Paris.

Verhoeff: many or most of the type specimens may be in ZSM, Munich.

In cases where no type species was designated, the species that were included in the original description are enumerated in the same order as they appear in the text.

If more than one species is included, the number of species and the geographical range of the entire genus is given. If only one species is included, the number of species is not indicated. Often, the number of species can only be estimated because of insufficient species descriptions that do not allow recognition of the species, or that do not make it possible to decide in which genus a species should be placed. If available, the latest revision of a genus or of some part of a genus is indicated if it provides hints for the identification of the species.

The genera currently regarded as valid are printed in normal size font, the synonyms, invalid names and subgenera are printed in a smaller font.

In the case of names that are unavailable because they were introduced after 1930 without designation of a type species, we strongly recommend that a type species not be designated without prior reexamination of the material in question.

### *Abbreviations*

<b>AMNH</b>	American Museum of Natural History, New York City, N.Y., USA	<b>IPNM</b>	Instituto Politécnico Nacional de México, México, D.F., México
<b>AM</b>	Australian Museum, Sydney, Australia	<b>IRSNB</b>	Institut Royal des Sciences Naturelles de Belgique, Bruxelles, Belgium (formerly MRHN)
<b>BMNH</b>	Natural History Museum, London, England, UK	<b>ISRB</b>	Institut de Spéléologie "Emile Racovitza", Bucuresti, Romania
<b>BPBM</b>	Bernice P. Bishop Museum, Honolulu, Hawaii, USA	<b>IZAS</b>	Institute of Zoology, Academia Sinica, Beijing, China
<b>Coll. Argano</b>	Argano Collection, in MZUR, see below	<b>LUCE</b>	Lund University Ceylon Expedition 1962
<b>Coll. Dalens</b>	Dalens Collection, perhaps in Université Paul Sabatier, Toulouse, France, see Introduction	<b>MACN</b>	Museo Argentino de Ciencias Naturales "Bernardino Rivadavia", Buenos Aires, Argentina
<b>DEAP</b>	Dipartimento di Entomologia Agraria dell'Università, Portici, Italy	<b>MAGNT</b>	Museum and Art Galleries of the Northern Territory, Darwin, Australia
<b>HNHM</b>	Hungarian Natural History Museum, Budapest, Hungary	<b>MCSNV</b>	Museo Civico di Storia Naturale, Verona, Italy
<b>ICZN</b>	International Code of Zoological Nomenclature	<b>MHNG</b>	Muséum d'Histoire Naturelle de Genève, Switzerland
<b>IESH</b>	Instituto de Ecología y Sistemática, La Habana [Havana], Cuba	<b>MNHN</b>	Muséum national d'Histoire Naturelle de Paris, France (collection not indicated)
		<b>MNHN-CV</b>	Muséum national d'Histoire Naturelle de Paris, France, Vandel Collection
		<b>MNHN-Is</b>	Muséum national d'Histoire Naturelle de Paris, France, Isopod Collection
		<b>MNRJ</b>	Museu Nacional, Rio de Janeiro, Brazil
		<b>MRAC</b>	Musée Royal de l'Afrique Centrale, Tervuren, Belgium
		<b>(MRHN)</b>	Musée Royal d'Histoire Naturelle, Bruxelles, Belgium – see IRSNB
		<b>MSNG</b>	Museo Civico di Storia Naturale "Giacomo Doria", Genova, Italy
		<b>MZB</b>	Museu de Zoologia de Barcelona, Barcelona, Spain
		<b>MZUF</b>	Museo Zoologico La Specola, Firenze [Florence], Italy
		<b>MZUR</b>	Museo di Zoologia dell'Università "la Sapienza", Rome, Italy
		<b>NCIP</b>	National Collection of Insects, Pretoria, Transvaal, South Africa
		<b>NHMB</b>	Naturhistorisches Museum, Basel, Switzerland
		<b>NHMW</b>	Naturhistorisches Museum, Wien [Vienna], Austria

<b>NHRS</b>	Naturhistorisk Riksmuséet, Stockholm, Sweden	<b>YCM</b>	Yokosuka City Museum, Yokosuka, Japan
<b>NMP</b>	Natal Museum, Pietermaritzburg, Natal, South Africa	<b>ZIUL</b>	Zoological Institute, University of Lund, Lund, Sweden
<b>NMNHS</b>	National Museum of Natural History, Sofia, Bulgaria	<b>ZMA</b>	Zoologisch Museum, Amsterdam, The Netherlands
<b>NNM</b>	Nationaal Natuurhistorisch Museum, Leiden, The Netherlands	<b>ZMB</b>	Museum für Naturkunde, Berlin, Germany
<b>NSMT</b>	National Science Museum, Tokyo, Japan	<b>ZMH</b>	Zoologisches Museum Hamburg, Germany
<b>OMNH</b>	Osaka Museum of Natural History, Osaka, Japan	<b>ZMMU</b>	Zoological Museum, Moscow State University, Moscow, Russia
<b>ONHM</b>	Oman Natural History Museum, Muscat, Oman	<b>ZMUC</b>	Zoological Museum of the University of Copenhagen, Denmark
<b>PUC</b>	Polycathedra Institute of Animal Biology, University of Catania, Italy	<b>ZSIC</b>	Zoological Survey of India, Calcutta, India
<b>QM</b>	Queensland Museum, Brisbane, Australia	<b>ZSM</b>	Zoologisches Staatssammlung, München, Germany
<b>RNHL</b>	Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands	<b>o</b>	original designation
<b>SAMC</b>	South African Museum, Cape Town, South Africa	<b>m</b>	monotypy
<b>SBS</b>	Spedizione Biologica in Somalia del Centro di Studio per la Faunistica ed Ecologia Tropicali del Consiglio Nazionale delle Ricerche, Italy		
<b>SMF</b>	Forschungsinstitut Senckenberg, Frankfurt am Main, Germany		
<b>SMFZMG</b>	Specimens transferred to SMF from Zoologisches Museum, Göttingen, Germany		
<b>SMNS</b>	Staatliches Museum für Naturkunde, Stuttgart, Germany		
<b>SMTD</b>	Staatliches Museum für Tierkunde, Dresden, Germany		
<b>TMAG</b>	Tasmanian Museum and Art Gallery, Hobart, Tasmania		
<b>TOYA</b>	Toyama Science Museum, Toyama, Japan		
<b>UAM</b>	Instituto de Biología de la Universidad Autónoma de México, Mexico City, México		
<b>UCR</b>	Universidad de Costa Rica, San José, Costa Rica		
<b>USNM</b>	National Museum of Natural History, Washington, D.C., USA		
<b>WAM</b>	Western Australian Museum, Perth, Australia		

LIST OF GENUS AND SUBGENUS NAMES

***Abebaioscia* Vandel, 1974**

Family: Philosciidae.

Type species: *Abebaioscia troglodytes* Vandel, 1974(m).

Locality: South Australia: Nullabor Plain: Pan-  
nikin Cave (leg. M. Gray, 24.xii.1967).

***Acaeroplastes* Verhoeff, 1918**

Family: Porcellionidae.

Type species: Not designated; Verhoeff (1918) included 4 species:

Species originally included:

1. *Acaeroplastes sardous* Verhoeff, 1918: Sardinia: Oschiri (2 ♂, leg. Simroth).
2. *Acaeroplastes pellegrinensis* Verhoeff, 1918: Sicilia: Mt. Pellegrino near Palermo (1 ♂, 2 ♀, leg. Verhoeff, April [year not reported]).
3. *Acaeroplastes areolatus* Verhoeff, 1918: St. Jean peninsula, near Beaulieu (2 ♂, leg. Verhoeff, 15.iv.1909).
4. *Porcellio melanurus* Budde-Lund, 1885: Southern France, Corsica, Algeria (13 syntypes, ZMUC CRU-1660); Corsica, Porto Calvien (2 ♀ syntypes, leg. E. Simon, BMNH

1921:10:18:5273-5274); Algeria, Bona (2 ♂, 1 ♀ syntypes, leg. Meinert, BMNH 1956: 10:10:145-146).

Species: 5.

Distribution: Mediterranean.

Remarks: Described as a subgenus of *Porcellio*, elevated to generic rank by Vandel (1962). According to Schmalzfuss (1990b) there are no differences from *Proporcellio* Verhoeff, 1907 that justify a separation at generic level.

### ***Acanthodillo* Verhoeff, 1926a**

Family: Armadillidae.

Type species: *Acanthodillo erinaceus* Verhoeff, 1926a(m).

Locality: New Caledonia: La Madeleine: Pleine des Lacs, 200 m (1 ♀ with marsupium, leg. Sarasin & Roux, 30.iii.1912).

Species: 10.

Distribution: Australia, New Caledonia, New Zealand.

### ***Acanthoniscus* Kinahan, 1859**

Family: Armadillidae or Scleropactidae.

Type species: *Acanthoniscus spiniger* Kinahan, 1859(m).

Locality: Jamaica (1 ♀ holotype, BMNH 1973: 478:1; "original registration no. 1845:118").

Remarks: Although Kinahan (1859) cited White as the author, due to the fact that *Acanthoniscus* White, 1847 is a nomen nudum, Kinahan must be considered to be the author.

*Acanthoniscus* G. O. Sars, 1878

Asellota: Acanthaspidiidae.

Type species: *Acanthoniscus typhlops* G. O. Sars, 1885 (m).

Remarks: This is a junior homonym of *Acanthoniscus* Kinahan, 1859. Sars described the genus and species twice, in 1878 "preliminarily", and in more detail in 1885. However, the publication date is 1878. Stebbing (1893) replaced it with *Acanthaspidia* Stebbing, 1893.

*Acanthoniscus* White, 1847

Type species: *Acanthoniscus spiniger* White, 1847 (m).

Remarks: The genus and species names are nomina nuda.

### ***Actaecia* Dana, 1853**

Family: Actaeciidae.

Type species: *Actaecia euchroa* Dana, 1853 (m).

Locality: New Zealand: Bay of Islands, on beach of Perva Harbour, in the sand.

Synonym: *Cylloma* Budde-Lund, 1885?

Species: 8.

Distribution: Southern and eastern coasts of Australia, Tasmania, New Zealand.

Remarks: Dana described specimens as putative young of *Scyphax ornatus*, but expressed some doubt and proposed the name *Actaecia euchroa* if it proved to be a distinct species (mentioned on page 736).

Literature: Lewis & Green (1994) revised the genus and provided a key to the 8 species, 4 of which were described as new.

*Actaeoniscus* = misspelling of *Acteoniscus* Vandel, 1955.

### ***Acteoniscus* Vandel, 1955b**

Family: Trichoniscidae.

Type species: *Acteoniscus petrochilosi* Vandel, 1955b(m).

Locality: Greece: Keratea Cave, Mt. Panion, SE Athens (3 ♂, 10 ♀, 1 juv., leg. Strinati, 30.i.1954).

*Actoniscus* Harger, 1878

Synonym of *Armadilloniscus* Uljanin, 1875 (after Blake 1930).

Type species: *Actoniscus ellipticus* Harger, 1878 (m).

Locality: U.S.A.: Connecticut, near New Haven: Savin Rock and Stony Creek (leg. A. E. Verrill).

### ***Acyphoniscus* Frankenberger, 1941**

Family: Trichoniscidae.

Type species: *Acyphoniscus nabeleki* Frankenberger, 1941 (m).

Locality: Bulgaria: Hab. Sozopol (1 ♂, 10 ♀, leg. Nabelek, viii.1938).

### ***Adeloscia* Vandel, 1977b**

Family: Philosciidae.

Type species: *Adeloscia dawsoni* Vandel, 1977a (m).

Type localities: New Zealand: North Island, Little Barrier Island (NE of North Island), (leg. Dawson, 20.xi.1949); Wellington (leg. Dell, 20.v.1950).

### ***Adinda* Budde-Lund, 1904**

Family: Scleropactidae.

Type species: *Periscyphus* [sic, misspelling of *Periscyphis*] *weberi* Dollfus, 1898 (o, m).

Localities: Indonesia: Sumatra, Kajoe Tanam (1 ♂

lectotype, 2 ♂, 1 ♀ paralectotypes, leg. Weber, 1888, ZMA); same data (1 ♀ with marsupium, paralectotype, MNHN-Is5740); Sumatra, Manindjau (2 ♂, 2 ♀, paralectotypes, leg. Weber, 1888, ZMA); same data (2 ♂, 1 ♀ with marsupium, paralectotypes, MNHN-Is5741); Sumatra, Padang, Apenberg (1 ♂, 2 ♀, paralectotypes, leg. M. Weber, 1888, ZMA).

Synonym: *Paraperiscyphis* Stebbing, 1911.

Species: 18.

Distribution: Sri Lanka, Malay Peninsula, Sumatra, Borneo, Palawan, Java, southern India.

Remarks: In the description of the genus, the type species was referred to as "*Mesarmadillo weberi* Dollf."

Literature: Ferrara, Meli & Taiti (1995) revised the Toradjinae, giving redescriptions or new descriptions of all species.

***Adoniscus* Vandel, 1955a**

Family: Olibrinidae.

Type species: *Adoniscus velox* Vandel, 1955a (o, m).

Locality: Libanon: "Grotte de Dahr el Ain" near Tripoli.

Species: 2.

Distribution: Libanon, Sulawesi.

*Aegonethes* Frankenberger, 1938b  
Unavailable name (ICZN Art. 13.3).

***Aegonethes* Tabacaru, 1996**

Family: Trichoniscidae.

Type species: *Illyrionethes cervinus* Verhoeff, 1931b.

Locality: Dalmatia, Curzola Is., Paganetti cave (1 ♂ holotype, leg. F. Haas, 25.ix.1927, SMF 386, slide).

Species: 2.

Distribution: Islands off the shore of Croatia, Italy.

Remarks: Frankenberger (1938b) included 2 species but did not indicate which of them should be the type species. The mention of *Aegonethes cervinus* (Verhoeff, 1931) as type species of *Aegonethes* by Tabacaru (1996) is regarded as designation of the type species, according to ICZN Art. 69.1.1.

Literature: Strouhal (1939b) included the two spe-

cies in a key to the species of *Illyrionethes* and *Aegonethes*.

*Aethiopodillo* Verhoeff, 1942d  
Unavailable name (ICZN Art. 13.3).

***Aethiopodillo* Taiti, Paoli & Ferrara, 1998**

Family: Armadillidae.

Type species: *Aethiopodillo sulcata* Verhoeff, 1942d (designated by Taiti, Paoli & Ferrara, 1998).

Locality: Moçambique, near Port Amelia (numerous specimens, leg. M. Zitzmann, 1927, ZMH 12007).

Species: 2.

Distribution: Moçambique, Tanzania.

Remarks: Verhoeff (1942d) described the two species *grisea* and *sulcata*, assigned to *Aethiopodillo*, but did not designate a type species. Samples of both species are in ZMH; Arcangeli (1956) referred to *Aethiopodillo* as a subgenus of *Venezillo* Verhoeff, 1928a. Taiti, Paoli & Ferrara (1998) validated the name by choosing a type species.

*Aethiopopactes* Verhoeff, 1942d  
Unavailable name (ICZN Art. 13.3).

***Aethiopopactes* Ferrara & Taiti, 1982**

Family: Eubelidae.

Type species: *Aethiopopactes nigricornis* Verhoeff, 1942d (designated by Ferrara & Taiti 1982).

Locality: Moçambique; Port Amelia (numerous specimens, leg. M. Zitzmann, 1927, ZMH 12007).

Species: 8.

Distribution: Moçambique, Tanzania, Somalia, Angola, Malawi.

Remarks: Verhoeff (1942d) included 3 newly described species, *A. nigricornis*, *A. pallidus* and *A. marmoratus*, without designating a type species. Ferrara & Taiti (1982) validated the name by choosing a type species. The museum number of the type specimens is the same as for *Aethiopodillo sulcata*, as given in Verhoeff's paper.

*Afroniscus* Paulian de Félice, 1940a  
Synonym of *Clavigeroniscus* Arcangeli, 1930 (after Vandel 1952).

Type species: *Trichoniscus (Afroniscus) sassandrai* Paulian de Félice, 1940a (m).

Locality: Côte d'Ivoire: Sassandra (ca. 6 ♂ and ♀, leg. Lepesme, Paulian & Villiers).

Remarks: Described as subgenus of *Trichoniscus*.

*Afrophiloscia* Taiti & Ferrara, 1980

Synonym of *Anchiphiloscia* Stebbing, 1908 (after Ferrara & Taiti 1986b).

Type species: *Afrophiloscia kinolensis* Taiti & Ferrara, 1980 (o).

Locality: Tanzania, Uluguru Mts., Kinola forest, 1500-1750 m (2 ♂, 10 ♀, leg. Berger, Leleup & Debecker, 06-13.vi.1971, MRAC 53418).

### **Agabiformius Verhoeff, 1908a**

Family: Porcellionidae.

Type species: Not designated.

Synonyms: *Lyprobius* Budde-Lund, 1885 (part); *Angara* Budde-Lund, 1908a.

Species originally included:

1. *Leptotrichus (Agabiformius) corcyraeus* Verhoeff, 1908a: Kerkira Is. (1 specimen, leg. Verhoeff).
2. *Porcellio pseudopullus* Verhoeff, 1901b: Hercegovina, near Mostar, Radobolja valley (1 ♂, 1 ♀, leg. Verhoeff); Peloponnes (1 ♀ with marsupium, leg. Verhoeff).

Species: 8.

Distribution: All the lands round the Mediterranean Sea, introduced to Senegal, Madeira, Canary Is., Seychelles, Oman, China, Mexico, Hawaii, Haiti, Venezuela.

Remarks: Described as subgenus of *Leptotrichus* Budde-Lund, 1885; Verhoeff (1902) instituted a "Sectio Agabiformes" of the genus *Porcellio*, including the species *pseudopullus* Verhoeff, *naupliensis* Verhoeff, and *syrensis* Verhoeff, 1902. Verhoeff (1908a) transferred this "Sectio Agabiformes" as a subgenus to *Leptotrichus* Budde-Lund, 1885 and changed its name to *Agabiformius*. In this paper the species *corcyraeus* Verhoeff, 1908a and *pseudopullus* Verhoeff, are mentioned. Verhoeff (1917b) re-transferred *Agabiformius* to the genus *Porcellio*, as a subgenus. According to Schmalzfuss (1979), the originally included two nominal species are synonyms of *Lyprobius lentus* Budde-Lund, 1885.

### **Agnara Budde-Lund, 1908b**

Family: Porcellionidae.

Type species: *Metoponorthus madagascariensis* Budde-Lund, 1885 (o, m).

Locality: Madagascar (2 ♂, 1 ♀ syntypes, leg. Hildebrandt, BMNH 1921.10.18.5556-5558).

Synonym: *Hemiporcellio* Collinge, 1915b.

Species: ca. 10.

Distribution: Madagascar; Guinea-Bissau, Senegal, Arabian Peninsula, Sri Lanka, India, China, Taiwan, Japan.

### **Akermania Collinge, 1919**

Family: Armadillidae.

Type species: *Akermania spinosa* Collinge, 1919 (m).

Locality: South Africa, Natal, Umhlali, Winkle Spruit (several specimens, leg. C. Akerman, v.1916; NMP); same data (4 ♂, 4 ♀, BMNH 1919:4:26:282-291); same data (4 ♀, BMNH 1933:1:25:413-417); syntypes.

Species: 4.

Distribution: southern Africa, Madagascar, Sri Lanka.

### **Albertosphoera Caruso & Lombardo, 1983**

Family: Spelaeoniscidae.

Type species: *Albertosphoera algerina* Caruso & Lombardo, 1983 (m).

Locality: Algeria: El Guerrah, 900 m (numerous ♂ and ♀, holotype, allotype and paratypes, leg. Caruso?, 15.x.1979, PUC?).

### **Alboscia Schultz, 1995a**

Family: Philosciidae.

Type species: *Alboscia elongata* Schultz, 1995a (o, m).

Locality: Paraguay: Concepción prov., between Est. Estrellas and Est. Primavera (1 holotype ♀ and 1 ♂ and 1 ♀ paratypes, leg. MHNG expedition, 16.x.1979, MHNG).

Species: 3 (Araujo 1999).

Distribution: Paraguay, southern Brazil.

### **Alloniscus Dana, 1854**

Family: Scyphacidae.

Type species: *Alloniscus perconvexus* Dana, 1854(m).

Locality: California.

Synonyms: *Rhinoryctes* Stuxberg, 1875; *Ano-*

*maloniscus* Dollfus, 1893a; *Arhina* Budde-Lund, 1904; *Japanoniscus* Verhoeff, 1928a.

Species: 21.

Distribution: Tropical and temperate coasts of Pacific and Indian Oceans.

Remarks: This genus was defined much more widely by earlier authors. Many of the previously included nominal species have been transferred to other genera or reduced to synonyms of other species; 21 nominal species remain in *Alloniscus*.

***Alloschizidium* Verhoeff, 1919**

Family: Armadillidiidae.

Type species: *Armadillidium pruvoti* Racovitza, 1907a(m).

Locality: France, Dépt. Alpes maritimes, Baume de Colombier, Roquefort (1 ♀, 17.ix.1905, Biospeologica no. 93).

Synonyms: *Typhloschizidium* Arcangeli, 1933; *Nesolidium* Verhoeff, 1942.

Species: 10.

Distribution: Southern France, Corsica, Sardinia, Ischia.

Remarks: Described as subgenus of *Troglarmadillidium*. Verhoeff (1933b) elevated it to generic rank, while Verhoeff (1933c) regarded it as subgenus of *Troglarmadillidium*. Taiti & Ferrara (1996) reduced *Nesolidium* and *Typhloschizidium* to synonyms of *Alloschizidium* and included 10 species in this genus.

***Alpioniscus* Racovitza, 1908**

Family: Trichoniscidae.

Type species: *Trichoniscus dispersus* Racovitza, 1907a(m).

Localities: France: Dépt. Alpes Maritimes, Castillon, Grotte du Laura (1 ♂, 2 ♀, 25.ix. 1890), Grotte d'Albarea, Sospel (11 ♂, 7 ♀, 25.ix.1905).

Synonyms: *Illyrionethes* Verhoeff, 1927c; *Hellenonethes* Frankenberger, 1939; *Brianiscus* Verhoeff, 1940a; *Macedoniscus* Buturovic, 1954.

Species: 27.

Distribution: France, Italy, Slovenia, Bosnia-Herzegovina, Yugoslavia, Macedonia, Albania, Greece.

Literature: Strouhal (1939b) gave a key to 9 species, under the name *Illyrionethes*. According

to Tabacaru (1996), *Alpioniscus* is divided into 2 subgenera, *Alpioniscus* s. str. with 12 species and *Illyrionethes* with 15 species.

*Aluma* = printing error for *Eluma* (in Cruz 1991b).

***Amazoniscus* Lemos de Castro, 1967**

Family: Scleropactidae.

Type species: *Amazoniscus arlei* Lemos de Castro, 1967 (o, m).

Localities: Brazil: Territorio do Amapá, Serra do Navio (2 ♂ and 3 ♀, leg. R. Arlé, 10.xii.1959); Estado do Pará, Parque do Museu Goeldi (6 ♂, 4 ♀, 3 juv., leg. H. Schubart, ii.1964), Estado do Pará, Marituba (1 ♂, leg. R. Arlé, 22.i. 1963), Estado do Pará, Tocantins, Mangabeira (1 ♀, leg. O. Cunha, v.1953).

***Ambounia* Dollfus, 1895a**

Family: Scleropactidae?

Type species: *Ambounia suarezi* Dollfus, 1895a (m).

Locality: Northern Madagascar: "montagne d'Ambre" (1 ex., leg. Alluaud 1893).

***Amerigoniscus* Vandel, 1950**

Family: Trichoniscidae.

Type species: *Amerigoniscus henroti* Vandel, 1950(m).

Locality: USA: Virginia: Gillies Cave near Pennington Gap (2 ♂, 1 ♀, leg. Henrot, 21.viii.1946).

Species: 9.

Distribution: North America.

Remarks: Vandel (1953b) reduced *Amerigoniscus* to a synonym of *Caucasonethes* Verhoeff, 1932, but Vandel (1977b) revalidated the name.

Literature: Vandel (1965b) gave a key to 5 species of *Caucasonethes*, 4 of which are now in *Amerigoniscus*. Vandel (1977b) described further 4 species as new. Schultz (1982) described one more species.

***Anaphiloscia* Racovitza, 1907a**

Family: Philosciidae.

Type species: *Anaphiloscia simoni* Racovitza, 1907a (o, m).

Locality: Mallorca, Manacar, Cuevas del Drach (1 ♀, 25.iv.1905).

Species: 2.

Distribution: Northwestern Mediterranean.

**Anatoliscus Verhoeff, 1949b**

Family: Trichoniscidae.

Type species: *Anatoliscus longicornis* Verhoeff, 1949b(m).

Locality: Turkey: central Anatolia, near Senirkent, 10 km from Uluborlu near Lake Egridir, 1000 m (female(s), leg. C. Kosswig, vii. 1942).

**Anchicubaris Collinge, 1920**

Family: Armadillidae.

Type species: *Anchicubaris fongosiensis* Collinge, 1920(m).

Localities: South Africa: Natal, Zululand, Mt. Fongosi (12 ♂, 20 ♀ syntypes, leg. W. E. Warren, vii.1917: BMNH 1919:4:26:504-518); same data (43 ♂, 41 ♀ syntypes, BMNH 1933:1:25:851-870); Sarnia near Durban (leg. E. Warren, x.1916); Winkle Spruit Beach, South Coast (leg. Akerman, xii.1919) (type specimens in NMP).

Species: 5.

**Anchiphiloscia Stebbing, 1908**

Family: Philosciidae.

Type species: *Anchiphiloscia karongae* Stebbing, 1908 (designated by Ferrara & Taiti 1986b).

Locality: Tanzania: Kambwe, near Karonga, on decaying wood close to swamp (2 ♂ and 4 ♀, leg. W. A. Cunnington, 27.vi.1904, BMNH 1909:5:1:15-19 and slides BMNH 1919:5:1:20-25, syntypes).

Synonyms: *Setaphora* Budde-Lund, 1908b; *Afrophiloscia* Taiti & Ferrara, 1980.

Species: 18 (Ferrara & Taiti 1986b).

Distribution: Eastern Africa, Madagascar, Andaman Islands, Chagos Archipelago.

Remarks: Stebbing (1908) described 2 new species, but did not select one as type species. Barnard (1932) considered *Anchiphiloscia* to be a synonym of *Setaphora* Budde-Lund, 1908 b. Ferrara & Taiti (1986b) pointed out the reasons why *Anchiphiloscia* has priority over *Setaphora*. They transferred *Anchiphiloscia cunningtoni* Stebbing, 1908 to the genus *Aphiloscia* and referred to *Anchiphiloscia*

*karongae* as type species of *Anchiphiloscia*. This mention is here regarded as designation of the type species, according to ICZN Art. 69.1.1.

**Andenoniscus Verhoeff, 1941b**

Family: Philosciidae.

Type species: *Andenoniscus silvaticus* Verhoeff, 1941b(m).

Locality: Southern Peru: Aina, Sivia (types lost, except for a few slides with appendages, in ZSM).

Species: 2.

Distribution: Peru, Panama.

Remarks: The species *narcissi* Vandel, 1968 and *tropicalis* Vandel, 1968 were transferred to *Erophiloscia* by Vandel (1972a). Leistikow (1998c) redescribed the type species and declared the other 2 species as nomina dubia. Leistikow (1999b) described a second species of the genus.

**Andricophiloscia Vandel, 1973**

Family: Philosciidae.

Type species: *Andricophiloscia melanesiensis* Vandel, 1973 (o, m).

Locality: Eastern New Guinea: Japen Island, in Geelvinck Gulf: Sarawandori, on S coast of island, W of Seroei, 1°52'S, 136°12'E, under stones on beach (leg. van der Hammen or Holthuis, 24.ii.1955).

**Androdeloscia Leistikow, 1999a**

Family: Philosciidae.

Type species: *Chaetophiloscia hamigera* Vandel, 1952 (o).

Localities: Venezuela, Los Guyabitos (1 ♀, leg. G. Marcuzzi, 22.x.1950); Santa Lucia (1 ♀, leg. G. Marcuzzi, ii.1949); Rancho Grande (14 ♂, 18 ♀, leg. G. Marcuzzi, ii.1949-iii.1950). All specimens in MNHN.

Species: 17.

Distribution: Tropical America.

Remarks: Leistikow (1999a) included 15 species, and Leistikow (2000b) added further 2 species.

**Androniscus Verhoeff, 1908b**

Family: Trichoniscidae.

Type species: *Itea rosea* C. L. Koch, 1838 (designated by Gruner 1966).



Locality: Not specified, probably near Regensburg, Germany.

Species: 11.

Distribution: Europe.

Remarks: Verhoeff (1908b) included 8 species. Arcangeli (1929) considered *Androniscus* as subgenus of *Trichoniscus*, but this was not followed by subsequent authors. The mention of *Itea rosea* as type species of *Androniscus* by Gruner (1966) is regarded as designation of the type species, according to ICZN Art. 69.1.1.

*Anexopoditius* Verhoeff, 1942d

Synonym of *Microcercus*.

Type species: *Anexopoditius fissus* Verhoeff, 1942d (m) (synonym of *Microcercus anomalus*).

Localities: East Africa: Ugogo: Kilimatinde (26.i.1911, ZMH 23406), SW of Gurni Volcano (31.xii.1911, ZMH 23411), Irangi: Kondoa Irangi (13.x.1911, ZMH 23407) (females only, leg. Obst).

*Angara* Budde-Lund, 1908a

Synonym of *Agabiformius* Verhoeff, 1908a.

Type species: *Lyprobius lentus* Budde-Lund, 1885 (designated by Budde-Lund, 1908b).

Locality: Algeria: "Mšila" (1 specimen, leg. Simon).

Remarks: Budde-Lund (1908 a) introduced *Angara* as a subgenus of *Porcellio*, with 4 species included (*Lyprobius lentus*, *L. hirtus* Aubert & Dollfus, 1890, *Angara obtusa* Budde-Lund, 1908a, *A. minuta* Budde-Lund, 1908a. *Lyprobius lentus* was listed as type in Budde-Lund (1908b). The holotype of *Lyprobius lentus* is not in ZMB (Jeppesen 2000).

### ***Angaribia* Barnard, 1932**

Family: Eubelidae.

Type species: *Periscyphops kunenensis* Barnard, 1924(m).

Locality: Ovamboland: Kunene River, near Erikson's Drift (leg. K. H. Barnard, 1923); Mafa, N of Ondongua (leg. Lawrence, 1923) (all syntypes).

Species: 3?

Distribution: Namibia, Malawi, Yemen?

Remarks: Barnard (1924) described the type species in the genus *Periscyphops* Hilgendorf, 1899. Barnard (1932) transferred it to the newly erected subgenus *Angaribia* of the genus *Periscyphis* Gerstäcker, 1873.

### ***Ankaratridium* Paulian de Félice, 1950**

Family: Scleropactidae?

Type species: *Ankaratridium caecum* Paulian de Félice, 1950(m).

Locality: Madagascar: Ankaratra, above "Station de Pisciculture de Manjakatempa", under large, deeply embedded stones, 2000-2200 m (few individuals, leg. R. Paulian, viii.1948; type in MNHN, paratypes in Institut Scientifique de Madagascar).

### ***Annobodillo* Schmalzfuss & Ferrara, 1983**

Family: Armadillidae.

Type species: *Annobodillo coecus* Schmalzfuss & Ferrara, 1983 (o, m).

Locality: West Africa: Annobon Island, 400-500 m (3 ex. leg. L. Fea, 1902, MG), (4 ex. leg Cambridge University Expedition, vii-viii. 1959, BMNH no. 21) (all syntypes).

*Anomaloniscus* Dollfus, 1893a

Synonym of *Alloniscus* Dana, 1856.

Type species: *Anomaloniscus ovatus* Dollfus, 1893a.

Locality: Seychelles: Mahé, "Anse royale".

*Antarctoniscus* Paulian de Félice, 1940b

Synonym of *Styloniscus* Dana, 1853.

Type species: *Trichoniscus (Antarctoniscus) jeanneli* Paulian de Félice, 1940b (o, m).

Locality: Crozet Archipelago, Possession Island, Navire Bay (several ♂ and ♀ specimens, 1 ♀ with marsupium). Remarks: Transferred to *Styloniscus* by Green (1961).

*Antennulonethes* Verhoeff & Strouhal, 1967

Synonym of *Trichonethes* Strouhal, 1953.

Type species: *Antennulonethes nitidus* Verhoeff & Strouhal, 1967 (m).

Locality: Turkey, central Anatolia, in cave on small island in "Emir Dag" Lake.

Remarks: Argano & Manicasteri (1988) regarded the type species as a synonym of *Trichonethes kosswigi* Strouhal, 1953, which also reduced *Antennulonethes* to a synonym of *Trichonethes*.

### ***Anthrodillo* Verhoeff, 1946**

Family: Armadillidae.

Type species. *Anthrodillo perkeo* Verhoeff, 1946 (m).

Locality: Burma: Pekkong Cave, 1000 m (leg. Malaise, 10.x.1934).

### ***Antidorcasia* Kensley, 1971**

Family: Titaniidae.

Type species: *Antidorcasia elongata* Kensley, 1971 (m).

Locality: South Africa: Springbok (♂ holotype,

and 1 ♀ allotype, leg. Coaton, SAMC no. A12834 and A12835).

*Antroniscus* Mulaik, 1960

Synonym of *Cylindroniscus* Arcangeli, 1929.

Type species: *Antroniscus balamensis* Mulaik, 1960 (o).

Locality: Mexico, Santa Maria, Tecax, Yucatán (♂ holotype and 1 paratype, leg. Osorio Tafall et al., 22.iii.1947).

### ***Aphiloscia* Budde-Lund, 1908b**

Family: Philosciidae.

Type species: *Philoscia annulicornis* Budde-Lund, 1885 (designated by Taiti & Ferrara 1984).

Locality: Madagascar (2 syntypes, ZMB 6643).

Synonyms: *Komatia* Barnard, 1932; *Buddelundiscus* Verhoeff, 1942e; *Massaiscia* Verhoeff, 1942e.

Species: 19 (Ferrara, Paoli & Taiti 1994).

Distribution: Eastern and southern Africa, Madagascar, and islands of western Indian Ocean.

Remarks: Budde-Lund (1908b) included 4 species, *A. annulicornis* (Budde-Lund, 1885), *A. maculicornis* (Budde-Lund, 1898), *Aphiloscia vilis* (Budde-Lund, 1885) and, with doubt, *Aphiloscia guttulata* (Gerstäcker, 1873). The mention of *Philoscia guttula* as type species of *Aphiloscia* by Taiti & Ferrara (1980) could be regarded as designation of the type species (Jeppesen 2000), according to ICZN Art. 69.1.1. Taiti & Ferrara (1984) wrote that *Philoscia annulicornis* rather than *Philoscia guttula* should be regarded as type species of *Aphiloscia*, because *Philoscia guttulata* was included by Budde-Lund (1908) only with doubt. According to ICZN Art. 67.2, a type species can only be chosen among the species that have been originally included in the respective genus. Art. 67.2.5 defines that a species is not considered as originally included, if it was assigned to the respective genus only with doubt. Therefore one can argue that *Philoscia guttulata*, mentioned as type species of *Aphiloscia* by Taiti & Ferrara (1980), was not available to be chosen as type species, and the subsequent argumentation by Taiti & Ferrara (1984) to designate *Philoscia annulicornis* as type species can be accepted.

### ***Araucoscia* Verhoeff, 1939**

Family: Philosciidae.

Type species: *Araucoscia chilénica* Verhoeff, 1939(m).

Locality: Chile: Calbuco Island, 41°46'30"S, 73°8'W (1 ♂, 1 ♀, leg. Schwabe, 10.x.1937; 3 slides with parts of a male specimen are in ZSM).

Literature: The species was redescribed by Leistikow (1998c).

*Arcangeloscia* Schmalzfuss & Ferrara, 1978

Unavailable name (ICZN Art. 13.3).

### ***Arcangeloscia* Taiti & Ferrara, 1980**

Family: Philosciidae.

Type species: *Arcangeloscia buettneroides* Schmalzfuss & Ferrara, 1978 (designated by Taiti & Ferrara 1980).

Localities: Cameroon, Bile (♂ holotype, 1 ♂ and 2 ♀ paratypes, viii.1891, NHRS 5540); "Bileundi" (= Bibundi?) (6 ♂, 2 ♀ and 1 ♀ with marsupium, paratypes, viii.1891, NHRS 5696).

Species: 7.

Distribution: Cameroon, Congo, Malawi.

Remarks: Schmalzfuss & Ferrara (1978) introduced *Arcangeloscia* as a new genus, including 3 named and 1 unnamed species, but without designating one of them as type species. The mention of *A. buettneroides* as type species by Taiti & Ferrara (1980) validates the name.

### ***Archaeoscia* Vandel, 1973c**

Family: Philosciidae.

Type species: *Archaeoscia singularis* Vandel, 1973c(m).

Locality: Cuba: Las Villas Prov., Caguanes peninsula, Cueva de los Animales, 7 km N of Jaguajay (leg. Exp. Cubano-Roumaine, 1969).

*Arhina* Budde-Lund, 1904

Synonym of *Alloniscus* Dana, 1854 (after Barnard 1932).

Type species: *Arhina porcellioides* Budde-Lund, 1904 (m).

Localities: Warehouse in Copenhagen, "perhaps imported from East-India", and Botanical Garden in Hamburg, "apparently imported with plants from West-India." (Budde-Lund 1904: 46). (2 ♂ syntypes, BMNH 1921:10:18:971-972).

Remarks: The locality indicated leaves great doubt about the correctness of Barnard's synonymization, since species of *Alloniscus* are strictly littoral. However, the synonymization is published and formally valid, and no alternative view seems to have been published.

***Armadillidium* Brandt in Brandt & Ratzeburg, [1831]**

Family: Armadillidiidae.

Type species: *Armadillidium commutatum* Brandt in Brandt & Ratzeburg, [1831] (designated by Fowler 1912) (Synonym of *Armadillo vulgaris* Latreille, 1804).

Locality: Syria.

Species: 265 nominal species.

Distribution: Mediterranean area, Europe.

Remarks: Arcangeli (1932d) proposed to designate *Armadillidium granulatum* Brandt, 1833 as type species, because it is the first one mentioned in the text, but overlooked that Fowler (1912) had already designated *Armadillidium commutatum*. Although Gruner (1966) referred to 1833 as publication year of the generic name, Brandt (1833) himself cited it as “*Armadillidium* Brandt” while he indicated other genera as new. Brandt & Ratzeburg (1831) also did not indicate the name *Armadillidium commutatum* as new, but this seems to be the earliest paper in which the name is used.

*Armadillum* = misspelling of *Armadillidium*, in Kinahan (1857).

*Armadillo* Cuvier, 1792

Invalid name, rejected by the International Commission on Zoological Nomenclature, Opinion no. 1897 (1998).

***Armadillo* Latreille, 1802**

Family: Armadillidae.

Type species: *Armadillo officinalis* Duméril, 1816 (designated by the International Commission on Zoological Nomenclature, 1998: Opinion no. 1897).

Locality: East Mediterranean.

Synonyms: *Pentheus* Vogl, 1875; *Libanillo* Arcangeli, 1957b.

Species: 17.

Distribution: Mediterranean area.

Remarks: According to Schmalfuss (1996b), *Armadillo* includes 16 species. All other (more than 150) nominal species previously assigned to this genus must be transferred to other genera or become nomina dubia. Schmalfuss (1996) further pointed out that *Armadillo* Latreille, 1804 (!) is a junior homonym of *Armadillo* Cuvier, 1792 (Diplopoda), the question of its validity being discussed

until recently (e.g., Lehtinen & Holthuis 1995). This question was recently resolved by the International Commission on Zoological Nomenclature (1998, Opinion no. 1897) in favour of *Armadillo* Latreille, 1802.

Literature: Revision of the eastern Mediterranean species (Schmalfuss 1996), and of the western Mediterranean species (Mattern 1999).

***Armadilloniscus* Uljanin, 1875**

Family: Scyphacidae.

Type species: *Actoniscus ellipticus* Harger, 1878 (designated by Mulaik 1960).

Locality: U.S.A.: Connecticut, near New Haven: Savin Rock and Stony Creek (leg. A. E. Verill).

Synonym: *Koshiniscus* Nunomura, 1990.

Species: ca. 30.

Distribution: Coasts of tropical, subtropical and temperate regions, littoral.

Remarks: Uljanin (1875) introduced the genus *Armadilloniscus* in an identification key to the genera of terrestrial Isopoda of Turkestan, without a species included. In a footnote he announced that the species would be described soon. However, it seems that Uljanin never published this description. Therefore, Budde-Lund (1885) is the author of *A. minutus*, despite that he cited Uljanin as the author of that species. Budde-Lund (1885) included 3 species, *A. litoralis* Budde-Lund, 1885, *A. minutus* Budde-Lund, 1885 and *A. candidus* Budde-Lund, 1885; a fourth species, *A. ellipticus* (Harger, 1878), seems to have been included with doubt, as can be concluded from the fact that it is cited but not described, the text referring to it is printed in smaller size, and it lacks a number. The mention of *Armadilloniscus ellipticus* (Harger) [= *Actoniscus ellipticus*] as “genotipo” of *Armadilloniscus* by Mulaik (1960) can be regarded as designation of the type species, according to ICZN Art. 69.1.1. In contrast, Jeppesen (2000) indicates *Armadilloniscus minutus* as type species. It may be discussed whether the species chosen as type species by Mulaik (1960) was available for this purpose, since it may have been originally included in the genus only with doubt (cf. ICZN Art. 67.2.4.).

Literature: Taiti & Ferrara (1989) revised a number of species and referred to 27 species.

### ***Aschismatius Verhoeff, 1942e***

Family: Eubelidae.

Type species: *Aschismatius penicilliger* Verhoeff, 1942e (m).

Locality: Ghana: Sekondi (leg. Manger, ZMH 23248).

### ***Ashtonia Vandel, 1974***

Family: Philosciidae.

Type species: *Ashtonia eucalyptorum* Vandel, 1974 (m).

Locality: Australia: Wallaby creek, N of Melbourne (leg. Ashton, ix.1952).

*Aspidologia* Verhoeff, 1926a

Subgenus of *Ligia*.

Type species: *Ligia pallasii* Brandt, 1833 (o).

Locality: "Unalaska" (= Unalaska, Aleutian islands) (2 ♂ syntypes, ZMB, Brandt collection).

*Atlandillo* Vandel, 1954

Synonym of *Venezillo* Verhoeff, 1928a); unavailable name (ICZN Art. 13.3).

Type species: Not designated.

Species originally included:

1. *Armadillo hirsutus* C. L. Koch, 1856: southern Spain.
2. *Armadillo ausseli* Dollfus, 1893: Canary Islands, Tenerife, La Laguna (2 ♀ syntypes, leg. H. Aussel, 1887, MNHN-Is5127); same data (2 ♀ syntypes, MNHN-Is5128); same data (2 ♀ and a fragment, syntypes, MNHN-Is5131); same data (1 ♀ and a posterior half of a ♂, MNHN-Is5132); Tenerife, Grande forêt des lauriers d'Agua Garcia, 800 m alt. (1 ♀ syntype, leg. Alluaud, 2.vi.1889-90, MNHN-Is5130); Tenerife (2 juv. ♂, 3 ♀ and fragments of 2 ♀, leg. Aussel, i.1888, MNHN-Is5133); Canary Islands (8 ♀, 3 ♂, syntypes, leg. Alluaud, MNHN-Is5129).

Remarks: Vandel (1954) regarded the species *Armadillo hirsutus* C. L. Koch, 1856 and *Armadillo ausseli* Dollfus, 1893 as transitional forms between the genera *Armadillo* and *Venezillo*. He instituted the subgenus *Atlandillo* of the genus *Armadillo* for them, without designating a type species. Taiti, Paoli & Ferrara (1998) reduced *Atlandillo* to a synonym of *Venezillo*.

*Atlantidium* Arcangeli, 1936b

Synonym of *Porcellio* Latreille, 1804.

Type species: *Atlantidium barretoii* Arcangeli, 1936b (m).

Locality: Madeira: Fajã dos Vinháticos, Parrocchia di Faial (2 ♂, 1 ♀, leg. Barreto, 20.vii.1935).

Remarks: Schmallfuss (1989b) demonstrated the close relationship to some species of *Porcellio*, and consequently included the species described as *Atlantidium* in the genus *Porcellio*.

### ***Atlantoniscus Vandel, 1959b***

Family: Spelaeoniscidae.

Type species: *Atlantoniscus primitivus* Vandel, 1959b (m).

Locality: Morocco: Ijoukak (1140 m), dans le Haut Atlas marocain, sur la route de Marrakech à Agadir. Maison forestière (1 ♂, 1 ♀, leg. Remy, 14.viii.1950).

### ***Atlantoscia Ferrara & Taiti, 1981***

Family: Philosciidae.

Type species: *Atlantoscia alceui* Ferrara & Taiti, 1981 (m) (synonym of *Philoscia floridana* VanName, 1940).

Locality: Florida: Winter Park (1 ♂, 1 ♀, leg. Lutz, ii.1939; AMNH9023).

Synonym: *Ocelloscia* Schultz & Johnson, 1984.

Species: 2.

Distribution: Ascension Island; Florida, Brazil, Argentina, St. Helena.

Remarks: *Atlantoscia alceui* was reduced to a synonym of *Philoscia floridana* by Taiti & Ferrara (1991b).

*Atlantotrichus* Vandel, 1957a

Subgenus of *Leptotrichus* Budde-Lund, 1885.

Type species: *Porcellio (Lucasius) leptotrichoides* Arcangeli, 1942 (m).

Locality: Grande Salvage (2 ♀, leg. Barreto).

### ***Atracheodillo Arcangeli, 1950b***

Family: Eubelidae.

Type species: *Atracheodillo marmorivagus* Arcangeli, 1950b (m).

Localities: Congo, Mombassa, Lubero (1 ♂, 2 ♀, leg. L. Burgeon, viii.1932, MRAC 37992-37994); Kivu, Kibumba (1 ♀ with marsupium, leg. L. Burgeon, 07.ix.1932, MRAC 37996); Kivu, Tshibinda (1 ♀, leg. L. Burgeon, xi.1932, MRAC 37995); Lac Mokoto (1 ♀, leg. J. Ghesquière, 31.viii.1937, MRAC 21047) (syntypes).

### ***Aulacodillo Verhoeff, 1942f***

Family: Armadillidae.

Type species: *Aulacodillo omarurunus* Verhoeff, 1942f (m).

Locality: Namibia: Omaruru, Okosongomiago Farm (several specimens, leg. G. Thomsen, 06.ix.1932, ZMH?).

***Aulaconiscus* Taiti & Howarth, 1997**

Family: Scleropactidae.

Type species: *Aulaconiscus caecus* Taiti & Howarth, 1997 (o, m).

Localities: Hawaii Islands: "Kauai: Makawehi, E of Poipu, south coast, in litter of *Scaevola serena* near beach (♂ holotype, 31 ♀ and ♂ paratypes, leg. S. Taiti & F. G. Howarth, 7.xi.1995, MZUF 6843); cave 9: dark zone (1 ♀ paratype, leg. F. G. Howarth, 14.ix.1978, BPBM); Oahu: Coconut Island (2 ♂ paratypes, leg. S. Taiti, 5.i.1984, MZUF 2294); Coconut Island, litter in mangrove (1 ♂ paratype, leg. S. Taiti & D. J. Preston, 12.xii.1996, MZUF 6844); Kaala Ranch, alt. 140 m, in guinea grass field under stones (57 ♀ and ♂ paratypes, leg. S. Taiti, 21.xi.1995, MZUF 6845); Maui: cave 30: deep zone, pitfall trap (1 ♀ paratype, leg. F. G. Howarth & D. J. Preston, 17.xii.1992-1.ii.1993, BPBM); deep zone (1 ♀, 2 ♂ paratypes, leg. F. G. Howarth & D. J. Preston, 5.ii.1993, BPBM).

***Australiodillo* Verhoeff, 1926a**

Family: Armadillidae.

Type species: *Armadillo bifrons* Budde-Lund, 1885 (o, m).

Locality: Australia: Queensland: Rockhampton (3 ♂, 1 ♀, syntypes, leg. M. Salmin, ZMUC CRU-1573); same data (6 ♂, 2 ♀ syntypes, BMNH 1921:10:18:814-821); same data (1 ♀ syntype, BMNH 1956:10:10:118).

Species: 9.

Distribution: Australia, New Caledonia.

*Australoniscus* Vandel, 1972e

Nomen nudum, see below.

*Australoniscus* Vandel, 1973a

Synonym of *Nagurus*.

Type species: *Australoniscus alticolus* Vandel, 1973a (o, m).  
Localities: Nepal, S slope of the Anapurna, cave Mahendra near Pokhara, 1100 m (leg. J. Martens, 18.xii.1969, 1 paratype SMF 5893, 2 paratypes MNHN-CV); Valley of Kathmandu, Mt. Phulchoki, 2500 m (leg. J. Martens, 21.xi.1970, 1 paratype, SMF 5894); Mt. Phulchoki, 2700 m (leg. J. Martens, 21.xi.1970, 1 holotype SMF 5895, 6 paratypes SMF 5896, 2 paratypes MNHN-CV); East Nepal, Thodung near Jiri and Those, 3100-3200 m (leg. J. Martens, 4-6.ix.1970, 4 paratypes SMF 5897, 3 paratypes MNHN-CV).

Species: 2.

Distribution: Nepal and Western Australia.

Remarks: Vandel (1972e) mentions the discovery of a new oniscid *Australoniscus springetti* n. g., n. sp.. A few lines below, a second species is mentioned as *A. alticolus*. These names are nomina nuda, since they are lacking any description or illustration. The year of publication is 1973; as then, a description was given. Vandel (1973a) gave a definition of the genus and designated *A. alticolus* as type species, and also included "*Australoniscus springetti* n. sp.", a nomen nudum. Vandel (1974) in the description of *A. springetti* mentioned a species "*martensi* Vandel" from Himalaya, but referred to two species of this genus, only. Therefore, "*martensi*" is an erroneous name used for *alticolus*, that is mentioned 4 lines above in Vandel (1974). Schmalfuss (1983) reduced *Australoniscus* to a synonym of *Nagurus* by transferring the type species *Australoniscus alticolus* to the latter genus.

*Australophiloscia* Vandel, 1974

Unavailable name (ICZN Art. 13.3).

***Australophiloscia* Green, 1990**

Family: Philosciidae.

Type species: *Australophiloscia nichollsi* Vandel, 1974 (designated by Green 1990).

Locality: Lord Howe Island.

Species: 3.

Distribution: Australia, New South Wales; Hawaii, Oahu; Tonga, Nomuka Iki Is.

***Baconaoscia* Vandel, 1981**

Family: Philosciidae.

Type species: *Baconaoscia negreai* Vandel, 1981 (m).

Locality: Cuba, Laguna de Baconao, mangrove leaf litter (leg. Decou & Negrea, 24.iii.1973).

***Balearonethes* Dalens, 1977**

Family: Trichoniscidae.

Type species: *Balearonethes sesrodanus* Dalens, 1977 (m).

Localities: Mallorca, near Pollensa, Cueva de Ses Rodes (5 ♂, 10 ♀, syntypes, leg. N. Gourbault & F. Lescher-Moutoué) and grotte de Ca'n Sevilla (1 ♀, syntypes, leg. N. Gourbault & F. Lescher-Moutoué).

***Balkanoniscus* Verhoeff, 1926b**

Family: Trichoniscidae.

Type species: *Trichoniscus (Balkanoniscus) corniculatus* Verhoeff, 1926b (m).

Locality: Bulgaria: Isker, Chaiduschka Lake near Karlukowo (9 ♂ and 4 ♀ syntypes, leg. Buresch, 09.ix.1923).

Species: 2.

Distribution: Bulgaria.

Remarks: Described as subgenus of *Trichoniscus*. Vandel (1950) referred to it as a genus.

***Ballodillium* Vandel, 1961**

Family: Armadillidiidae.

Type species: *Ballodillium pilosum* Vandel, 1961 (m).

Locality: Menorca: San Cristobal: Cueva de San Augusti (1 ♂, leg. Coiffait & Strinati, 07.ix.1958).

***Balloniscus* Budde-Lund, 1908b**

Family: Balloniscidae.

Type species: *Philoscia sellowii* Brandt, 1833 (designated by Araujo & Leistikow 1999).

Locality: Brazil (1 ♀ holotype, leg. Sellow, ZMB, Brandt Collection).

Synonym: *Pardioniscus* Arcangeli, 1958b.

Species: 7.

Distribution: Southeast Brazil, northeast Argentina, Uruguay.

Remarks: Budde-Lund (1908) included the species *Philoscia sellowii* Brandt, 1833, *P. brevicornis* Budde-Lund, 1885, *P. nigricans* Budde-Lund, 1885, and *P. maculata* Budde-Lund, 1885 in the subgenus *Balloniscus* (genus *Philoscia*), but did not designate a type species. Araujo & Leistikow (1999) mentioned *Philoscia sellowii* as type species, which is regarded as designation of the type species according to ICZN Art. 69.1.1. They erroneously indicated 1885 as publication date of *Balloniscus*. Furthermore, they included the genus in the family Philosciidae, while Leistikow (2001h) placed it again in the family Balloniscidae. In the original description of *Philoscia sellowii* the locality is indicated as "Montevideo"; in the Brandt collection in ZMB there is only a single specimen labeled "Brasilia" [Brazil]. Taking into consideration the low accuracy of other locality data in Brandt (1833), this specimen is nevertheless regarded as the holotype.

***Banatoniscus* Tabacaru, 1991**

Family: Trichoniscidae.

Type species: *Banatoniscus karbani* Tabacaru, 1991 (o,m).

Locality: Romania: Banat: "Pestera nr.1 din

Cariera Noua" (1 ♂, leg. G. Karban, 17.vii.1986).

***Barbarosphaera* Vandel, 1948a**

Family: Spelaeoniscidae.

Type species: *Barbarosphaera lucasi* Vandel, 1948a(m).

Localities: North Africa: Bainem forest, W of Algier, 250 m, in a burrow of *Bothriomyrmex decapitans* (Formicidae) (3 ♀, leg. F. Bernard, iv.1946); "Ravin de la Femme Sauvage" in Algier suburbs, in a garden, 130 m (1 imm. ♀, leg. Remy, 30.viii.1946); Oran district, Lapasset, Bou Rahma forest, in a burrow of *Bothriomyrmex decapitans*. (2 ♂, 2 ♀, leg. F. Bernard, iv.1946) (syntypes).

*Barnardillo* Arcangeli, 1934

Unavailable name (ICZN Art. 13.3).

***Barnardillo* Taiti, Paoli & Ferrara, 1998**

Family: Armadillidae.

Type species: *Armadillo mucidus* Budde-Lund, 1885 (designated by Taiti, Paoli & Ferrara 1998).

Locality: South Africa, Cape of Good Hope (2 specimens, leg. Drege).

Species: 5.

Distribution: South Africa, Mozambique, Malawi.

Remarks: Arcangeli (1934) instituted *Barnardillo* for the species *Armadillo mucidus* Budde-Lund, 1885, *Cubaris warreni* Collinge, 1917, *Cubaris secutor* Jackson, 1924, and *Cubaris barnardi* Collinge, 1920, which were previously ranged in *Bethalus*. He did not designate a type species. Taiti, Paoli & Ferrara (1998) validated the name by choosing a type species.

***Barnardoscia* Taiti & Ferrara, 1982**

Family: Philosciidae.

Type species: *Philoscia (Setaphora) demarcata* Barnard, 1932 (o).

Locality: South Africa, Natal, Pietermaritzburg (4 ♂, 3 ♀ syntypes, leg. K. H. Barnard, 1917, BMNH 1933:1:25:93-97).

Species: 2.

Distribution: South Africa.

**Barrowdillo Dalens, 1993a**

Family: Armadillidae.

Type species: *Barrowdillo pseudopyrgoniscus* Dalens, 1993a (o, m).

Localities: Western Australia: Barrow Island, cave B3, 20°48'01"S, 115°21'07"E (♂ holotype, leg. W. F. Humphreys and B. Vine, 04.ix.1991, WAM 108-91); Paratypes: same data (1 ♀ WAM 109-91 and 1 ♀, Coll. Dalens); same locality (1 ♂ WAM 116-91 and 1 ♀ WAM 117-91, leg. Humphreys and Vine, 07.ix.1991); cave B2 (2 ♀, WAM 119-91 and 120-91 and 1 ♂, Coll. Dalens, leg. Humphreys and Vine, 07.ix.1991).

*Bathytropa* Budde-Lund, 1879

Nomen nudum.

Remarks: The new genus name was introduced together with the new species name *B. Meinertii*, both without any description.

**Bathytropa Budde-Lund, 1885**

Family: Bathytropidae.

Type species: *Bathytropa costata* Budde-Lund, 1885 (designated by Budde-Lund 1908b).

Locality: Algeria, Southern France, "Porquerolles" (= "Bona") island (few specimens, leg. Simon) (2 syntypes, ZMUC CRU-1634-1635; 2 ♀, 1 damaged specimen, syntypes, BMNH 1921:10:18:1512-1514).

Synonym: *Labyrinthiasius* Verhoeff, 1929.

Species: 10.

Distribution: Mediterranean area.

*Bathytropina* Verhoeff, 1908a

Synonym of *Trichorhina* Budde-Lund.

Type species: Not designated.

Species originally included:

1. *Bathytropa thermophila* Dollfus, 1896: Paris, hot houses of the Museum (2 ♀ syntypes, BMNH 1911:11:8:10547-48) (synonym of *Trichorhina tomentosa*).
2. *Bathytropa granulata* Dollfus, 1890: France, Marseille (2 ♀ syntypes, leg. Aubert, 1890, MNHN-Is); Marseille (1 ♀ syntype, BMNH 1911:11:8:10549).

Remarks: Verhoeff (1908) did not clearly indicate what status is given to *Bathytropina*. He declared it as a "group name". Verhoeff (1937) referred to his genus a synonym of *Trichorhina*.

**Benechinus Budde-Lund, 1910**

Family: Eubelidae.

Type species: *Benechinus armatus* Budde-Lund, 1910 (m).

Locality: Tanzania: Meru, in upper part of rain-forest, 3500-4600 m (about 10 specimens, leg. Sjöstedt, i.1906: 2 ♂, 4 ♀, syntypes BMNH 1921:10:18:772-777) (6 syntypes NHRS 5830).

**Benthana Budde-Lund, 1908b**

Family: Philosciidae.

Type species: *Philoscia picta* Brandt, 1833 (designated by Van Name 1936).

Locality: Brazil (1 ♂, 1 ♀ with marsupium and 1 ♀ without marsupium, syntypes, leg. Olfers or Latzky, ZMB, Brandt collection).

Species: 15.

Distribution: Brazil, Paraguay.

Remarks: Budde-Lund (1908) based the subgenus *Benthana* (genus *Philoscia*) on the species *Philoscia olfersii* Brandt, 1833 and *Philoscia picta* Brandt, 1833. Van Name (1936) designated the species *P. picta* as type species, because Budde-Lund had given an illustration. Gruner (1955) erroneously mentioned *P. olfersii* as type species.

Literature: Gruner (1955) revised the genus and gave redescriptions and a key to species (7 species, 2 of them new); Lemos de Castro (1958a), in a second revision, transferred 3 species to *Benthanoides* and described 7 new species of *Benthana*, which results in 11 species, for which a key was given. Additional species were described by subsequent authors.

**Benthanoides Lemos de Castro, 1958a**

Family: Philosciidae.

Type species: *Benthana pauper* Jackson, 1926 (o).

Locality: Chile, Valparaiso (1 ♂, 2 slides, syntype, BMNH 1921:10:18:1688).

Species: 3.

Distribution: Peru, Chile.

**Benthanops Barnard, 1932**

Family: Philosciidae.

Type species: *Philoscia (Benthanops) fulva* Barnard, 1932 (m).

Localities: South Africa: Table Mountain and other mountains in the Cape Peninsula; Palmiet River Mts., near Kleinmond; Zwartberg,

Caledon (11 ♂, 39 ♀, syntypes, leg. K. H. Barnard, BMNH 1933:1:25:118-129).

Remarks: Described as a subgenus of *Philoscia*.

***Benthanoscia* Lemos de Castro, 1958b**

Family: Philosciidae.

Type species: *Benthanoscia longicaudata* Lemos de Castro, 1958b (o, m).

Locality: Brazil: Estado do Rio, Petropolis, Alta de Mosela (3 ♂ and 2 ♀, leg. D. Albuquerque, 1955-57; holotype ♂ AMNH 11774, paratypes MNRJ).

***Bergamoniscus* Brian & Vandel, 1949**

Family: Trichoniscidae.

Type species: *Trichoniscus boesii* Brian, 1926 (o, m).

Locality: Italy: Val Seriana: Gazzaniga, Grotta di Val Asnina (leg. Boldori, 03.iv.1927).

Remarks: There seems to be an error concerning the collection date.

***Beroniscus* Vandel, 1967**

Family: Trichoniscidae, Haplophthalminae.

Type species: *Beroniscus capreolus* Vandel, 1967 (m).

Locality: Bulgaria: Parnicite Cave, near Bezhanovo (13 ♂, 13 ♀, 1 imm., leg. Beron & Beshkov, 16.ii.1963).

Species: 2.

Distribution: Bulgaria, Sicilia.

***Berytoniscus* Vandel, 1955a**

Family: Berytoniscidae.

Type species: *Berytoniscus singularis* Vandel, 1955a(m).

Locality: Libanon: Ghita Cave, N of Beyrouth, "le Dortoir" (12 ♂, 20 ♀, leg. Coiffait, 27-28.x.1951).

***Bethalus* Budde-Lund, 1909**

Family: Armadillidae.

Type species: *Armadillo nigrinus* Budde-Lund, 1885(o).

Locality: Unknown, South Africa? (2 syntypes, ZMUCCRU-1574).

Species: 22.

Distribution: Southern Africa, Mozambique, Malawi, Madagascar.

Remarks: Budde-Lund (1904) divided *Armadillo*

into 7 sections; the name *Bethalus* appeared for the first time in a later paper (Budde-Lund 1909), where it was given to the "Sectio VII".

*Bifrontonia* Radu, 1960

Synonym of *Nagurus* Holthuis, 1949.

Type species: *Bifrontonia feminina* Radu, 1960 (m) (synonym of *Nagurus cristatus* (Dollfus, 1899)).

Locality: Romania, Cluj, greenhouses of the Botanical Garden.

Remarks: The genus and species were described as new in two publications (Radu 1960, 1961). Vandel (1973b) reduced *Bifrontonia feminina* to a synonym of *Nagurus cristatus*.

***Biharoniscus* Tabacaru, 1963**

Family: Trichoniscidae.

Type species: *Biharoniscus racovitzai* Tabacaru, 1963 (o, m).

Locality: Romania, Crisana region, Beius county, Vascau community, Câmp village, "Pestera Campeneasca" cave, in the karstic plateau of Vascau (2 ♂, 1 imm. ♂, 2 ♀, leg. Pintea-Alb, ISRB?).

Species: 2.

Distribution: Romania.

*Bilawrencia* Vandel, 1973

Synonym of *Littorophiloscia*.

Type species: *Bilawrencia albicincta* Vandel, 1973 (o).

Localities: Solomon Islands: Vulavu, Santa Isabel, "village rubbish" (9 ♂, 9 ♀, leg. P. N. Lawrence, 07.x.1965, BMNH 1970:414:18); Fulakora Pt. Raja, Santa Isabel, "forest litter" (1 ♂, 1 ♀, leg. P. N. Lawrence, 30.ix.1965, BMNH 1970:425:1); Cockatoo Is., Santa Isabel, "shore litter" (1 ♂, 9 ♀, leg. P. N. Lawrence, 19-20.ix.1965, BMNH 1970:416:9); Tatamba, Santa Isabel, "mangrove litter" (4 ♂, 5 ♀, leg. P. N. Lawrence 04.x.1965, BMNH 1970:417:13 part); Raja, NE Tatamba, Santa Isabel, "forest litter" (1 ♂, leg. P. N. Lawrence, 30.ix.1965, BMNH 1970:417:13 part); Tatamba, Santa Isabel, "native gardens" (1 ♂, leg. P. N. Lawrence, 06.x.1965, BMNH 1970:417:13 part); Lilihina Is., Santa Isabel, "Shore litter" (2 ♂, 4 ♀, leg. P. N. Lawrence, 21.x.1965; BMNH 1970:418:6); E Central San Jorge, Santa Isabel, "forest litter" (1 ♂, 4 ♀, leg. J. Peake & P. N. Lawrence, 24.ix.1965, BMNH 1970:419:4); Lunga Beach, Guadalcanal, "lagoon debris" (50 specimens, ♂, ♀ and juveniles, leg. P. N. Lawrence, 31.viii.1965, BMNH 1970:421:50); all syntypes.

Remarks: Taiti & Ferrara (1986) reduced *Bilawrencia* to a synonym of *Littorophiloscia* Hatch, 1947, and found that the syntype series includes also specimens of two other species: *Burmoniscus wolffi* (Vandel, 1970) and *Isabel-loscia heroldi* Vandel, 1973.

***Bisilvestria* Arcangeli, 1929b**

Family: Bisilvestriidae or Scleropactidae.



Type species: *Bisilvestria marassinii* Arcangeli, 1929b(m).

Locality: Cuba: El Cobre, in soil (4 ♀, leg. Silvestri, 1928).

***Borutzkyella* Tabacaru, 1993b**

Family: Buddelundiellidae.

Type species: *Buddelundiella revasi* Borutzky, 1973(o,m).

Locality: Abkhazia: Novy Afon, cave “Abkhasikh Speleologov”, in 40-45 m depth (2 ♀, 1 ♂, leg. Dzhanashvili, 24.ix.1967; holotype ♂ in ZMMU).

***Brackenphiloscia* Ortiz, Debras & Lalana, 1999**

Family: Trichoniscidae.

Type species: *Brackenphiloscia vandeli* Ortiz, Debras & Lalana, 1999(o,m).

Locality: Cuba, Pinar del Rio, San Juan y Martínez, Luis Lazo, Gran Caverna de Fuentes, in a pool (1 ♂ holotype and 1 ♀ paratype, leg. 1.ii.1998, Collection of the “Grupo Biokarst” of the Sociedad Espeleológica de Cuba, No. 2036-2037).

Remarks: The authors do not clearly state in which family they place this genus, but most probably it is in the Trichoniscidae. Beside the two type specimens, there are 26 further specimens mentioned in the text, but not designated as types.

*Brackenridgia* Eigenmann, 1900  
Nomen nudum.

***Brackenridgia* Ulrich, 1902**

Family: Trichoniscidae.

Type species: *Brackenridgia cavernarum* Ulrich, 1902(m).

Locality: Texas: near San Marcos, Exzell’s Cave and Beaver’s Cave (“some twenty or thirty specimens”).

Synonym: *Protrichoniscus* Arcangeli, 1932a.

Species: 9?

Distribution: North America.

Remarks: Eigenmann (1900) used in his paper mentioned the name *Brackenridgia cavernarum*, without any description, so it is a nomen nudum. Ulrich (1902), who described the species, is therefore the author. Vandel (1965b) argued that the name *Protrichoniscus*

Arcangeli, 1932a should be preferred to *Brackenridgia* Ulrich, 1902, because Ulrich’s definition “lacks a systematic value”. However, the ICZN prescribes the use of the oldest name (priority rule), ignoring the “quality” of the description or definition.

Literature: Vandel (1965b) gave a key to species, under the name *Protrichoniscus*.

*Brasilocellio* Verhoeff, 1941a

Synonym of *Neotroponiscus* Arcangeli, 1936c.

Type species: *Brasilocellio nodulosus* Verhoeff, 1941a (m).

Locality: Brazil: Nova Teutonia (several specimens, leg. Plaumann, 20.vi.19??).

Species: 2.

Distribution: Brazil.

Remarks: Reduced to a synonym of *Neotroponiscus* by Lemos de Castro (1970a).

*Brasiloniscus* Lemos de Castro, 1973

Family: Pudeoniscidae.

Type species: not designated; inavailable according to ICZN Art. 13.3.

Locality: Brazil: Rio de Janeiro.

Species originally included:

1. *Brasiloniscus maculatus* Lemos de Castro, 1973: Brazil, Estado de Sao Paulo, Ilha da Vitória (♂ holotype, 1 ♀ allotype and 4 ♂ and 3 ♀ paratypes, leg. K. Lenko, 30.iii.1960 or 1965?); numerous other samples from Guanabara, Rio de Janeiro and Sao Paulo states.
2. *Brasiloniscus verrucosus* Lemos de Castro, 1973: Brazil, Estado Rio de Janeiro, Fazenda Cachoeirinha do Cedro, Rubião (1 ♀ holotype and 1 ♀ paratype, leg. Lemos de Castro & A. Coelho, 03.ii.1959); Parque Nacional da Serra dos Órgãos, Teresópolis, 1000 m (1 ♀ paratype, leg. P. Wygod, iv.1947).

***Brevurus* Schmalfuss, 1986a**

Family: Porcellionidae.

Type species: *Brevurus masandaranus* Schmalfuss, 1986a(o,m).

Localities: Iran: Masandaran, Talar Valley, 300 m, 12 km NW Zirab (1 ♀ with marsupium, holotype, leg Martens & Pieper, 28.vi.1978, SMF 12212); Paratypes: same data (1 posterior half of a ♀, SMF 12213); Klard, 20 km S Amol, ca. 500 m, deciduous forest (1 ♀, leg. Martens & Pieper, 24.v.1978, SMF 12214); Elburz Mts., S Alamdeh, 400 m, deciduous forest (1 ♀, SMF 12215, 1 ♂ and 1 ♀, SMNS T133, leg. Martens & Pieper, 31.v.1978).

*Brianiscus* Verhoeff, 1940a

Synonym of *Alpioniscus* Racovitza, 1908.

Type species: *Trichoniscus* (*Megatrichoniscus*) *alzonae*

Brian, 1921 (m) (synonym of *Trichoniscus* (*Alpioniscus*) *fragilis* Budde-Lund, 1909).

Locality: Sardegna, Grotta di Todeitto, between Dorgali and Cala di Luna, along E coast of the island (3 ♂, 3 ♀, 1 juv., leg. C. Alzona, 26.v.1929)[♂ 7 mm, ♀ 14 mm].  
Remarks: Arcangeli (1940) regarded *Trichoniscus alzonae* as a synonym of *Alpioniscus fragilis*.

### ***Buchnerillo* Verhoeff, 1942c**

Family: Incertae sedis.

Type species: *Buchnerillo litoralis* Verhoeff, 1942c (m).

Locality: Italy, Ischia Is., beach, 3-5 m from the sea at 0.5-1 m altitude (numerous specimens, leg. G. Buchner, 05.iii.19??).

Synonym: *Lereboulletia* Vandel, 1945.

Species: 2.

Distribution: Ischia; Elba, Madeira, Mallorca, Somalia.

Remarks: This genus was previously included in the family Buddelundiellidae, but Taiti & Ferrara (1986) regarded the family position as undetermined.

### ***Buddelundia* Michaelsen, 1912** (in Budde-Lund & Michaelsen, 1912)

Family: Armadillidae.

Type species: *Armadillo* (*Buddelundia*) *labiatus* Budde-Lund & Michaelsen, 1912 (designated by Taiti, Paoli & Ferrara 1998).

Locality: West Australia, Lake Miranda (♂ holotype, leg. H. Ince, BMNH 1907:5:6:14 and BMNH 1921:10:18:2425).

Species: 27.

Distribution: Australia.

Remarks: Described as subgenus of *Armadillo*; in the original paper 17 species and 2 nomina nuda were included.

### ***Buddelundiella* Silvestri, 1897**

Family: Buddelundiellidae.

Type species: *Buddelundiella armata* Silvestri, 1897 (m).

Locality: Italy: Piemonte, cave "caverna delle Grae" near Ormea (leg. Gentile, viii.1882).

Species: 13 (after Tabacaru 1971).

Distribution: Mediterranean, Europe.

*Buddelundiscus* Verhoeff, 1942c

Synonym of *Aphiloscia* Budde-Lund, 1908b.

Type species: *Buddelundiscus annulicornis* Verhoeff, 1942c (m).

Locality: East Africa, Port Amelia (leg. Zitzmann, 1927).  
Remarks: Reduced to a synonym of *Aphiloscia* by Ferrara & Taiti (1982).

### ***Bulgaronethes* Vandel, 1967**

Family: Trichoniscidae.

Type species: *Bulgaronethes haplophthalmoides* Vandel, 1967 (m).

Locality: Bulgaria: Novata Cave, near Pestera (3 ♂, 2 ♀, leg. Georgiev & Beron, 13.ix.1962).

*Bulgaroniscus* Vandel, 1965a

Synonym of *Cyphoniscellus* Verhoeff, 1901.

Type species: *Bulgaroniscus gueorguievi* Vandel, 1965a (m).

Localities: Bulgaria, Vidin District: Dosni Suhi Cave, near Dolni Lom (2 ♂, leg. Beron, 14.viii.1960), Vodni Cave, near Dolni Lom (1 ♂, 5 ♀, leg. Beron, 14.vii.1960), same data (1 ♂, 13 ♀, leg. Andreev, 03.ii.1961), Goljama Vodna, near Prevala, Mihailovgrad district (5 ♂, 2 ♀, leg. Beron, 15.vii.1960).

Remarks: Reduced to a synonym of *Cyphoniscellus* by Vandel (1967).

### ***Bureschia* Verhoeff, 1926b**

Family: Trichoniscidae.

Type species: *Bureschia bulgarica* Verhoeff, 1926b (m).

Locality: Bulgaria: Vodnata Cave, near Cerovo village (2 ♂ and 1 juv., leg. Buresch, 01.iii.1925; 1 ♂ syntype BMNH 1928:7:4:78).

*Burmarhina* Verhoeff, 1946

Subgenus of *Trichorhina* Budde-Lund, 1908b.

Type species: *Trichorhina* (*Burmarhina*) *lobata* Verhoeff, 1946 (o).

Localities: Burma: Pekkong Caves and Htamsang Caves, the latter are "30 km east of Taungyi, S. Shan.St" (leg. Malaise, 19??, NHRS).

Species: 2?

Remarks: Described as subgenus of *Trichorhina*.

### ***Burmoniscus* Collinge, 1914b**

Family: Philosciidae.

Type species: *Burmoniscus moulmeinensis* Collinge, 1914b (m) (synonym of *Philoscia coeca* Budde-Lund, 1895).

Locality: Burma, near Moulmein, in a large cave (leg. Gravely, No. 8079/10; ZSIC).

Synonym: *Rennelloscia* Taiti & Ferrara, 1980.

Species: ca. 65.

Distribution: Sri Lanka, Nepal, Burma, China, Korea, Taiwan, Indonesia, Cameroon, Sao Thomé, Mozambique, Somalia, Pacific islands.

Remarks: Vandel (1972b ff.) did not accept the name *Burmoniscus*, but did not give any reason; he used *Setaphora*, and later *Rennelloscia* for species now classified in *Burmoniscus*. Ramakrishna (1980) designated a lectotype for *Burmoniscus moulmeinensis* and reduced *Burmoniscus* to a synonym of *Philoscia*. Taiti & Ferrara (1980) validated the name *Rennelloscia* by choosing a type species, but later (Taiti & Ferrara 1986) reduced *Rennelloscia* to a synonym of *Burmoniscus*, and also reduced *Burmoniscus moulmeinensis* to a synonym of *Philoscia coeca*.

*Burrana* Budde-Lund, 1908b

Subgenus of *Porcellio*.

Type species: *Porcellio lamellatus* Budde-Lund, 1885 (o).  
Locality: Algeria, "Bona" (9 syntypes, leg. Meinert, ZMUC Cru-1647); same data (1 syntype, ZMB 6636).

Remarks: Described as a subgenus of *Porcellio* Latreille, 1804. Verhoeff (1917b) instituted the subgenus *Haloporcellio* of the genus *Porcellio*, including *Porcellio lamellatus* Budde-Lund. If the specimens examined by both authors are conspecific, then *Burrana* has priority over *Haloporcellio*. The mention of a *Porcellio lamellatus* Ulj. by Verhoeff (1917a) is erroneous, since Uljanin did not use that name. Vandel (1951, 1955) and most other authors referred to the type species as *Porcellio lamellatus*. Schmalzfuss (1992) suggested including *Porcellio lamellatus* in the genus *Proporcellio* Verhoeff, 1907, because it is a close relative of *Proporcellio quadriseriatus* Verhoeff, 1917. This would make *Burrana* a junior synonym of *Proporcellio*. However, we prefer to keep *Burrana* as a formally valid genus until the genus *Proporcellio* is stabilized by selection of a type species.

### ***Caeroplastes* Verhoeff, 1918**

Family: Porcellionidae.

Type species: Not designated.

Species originally included:

1. *Metoponorthus (Caeroplastes) sorrentinus* Verhoeff, 1918: Italy, Sorrento Peninsula, limestone quarry near Pozzano (1 ♂, 2 ♀, leg. Verhoeff, 20.iv.1908).
2. *Metoponorthus (Caeroplastes) porphyrivagus* Verhoeff, 1918: France: Esterel, near Le Trajas (2 ♀, 5 imm. ♀, 1 juv., leg. Verhoeff, iv.1909); Monaco, la Turbie, 350-450 m, under stones, leaf litter and wood (2 ♂, 1 ♀, 27 imm., leg. Verhoeff, iv.1909); Annot (1 juv., leg. Verhoeff, 18.iv.1909); Le Muy, *Quercus suber*-forest (2 ♀, 1 ♂, 2 juv., leg. Verhoeff); "French Riviera" (1 ♀ syntype, BMNH

1921:6:10:31; unknown, from which of the localities mentioned by Verhoeff).

3. *Metoponorthus (Caeroplastes) simrothi* Verhoeff, 1918: Sardegna, Oschiri (4 ♀, leg. H. Simroth).

Remarks: Verhoeff (1918) described *Caeroplastes* as 'Sectio' of the subgenus *Metoponorthus* of the genus *Porcellio*, and included the 3 new species *sorrentinus*, *porphyrivagus* and *simrothi*. Vandel (1962) considered it as a separate genus.

### ***Calconiscellus* Verhoeff, 1927a**

Family: Trichoniscidae.

Type species: Not designated.

Species originally included:

1. *Pleurocyphoniscus karawankianus* Verhoeff, 1908a: South slope of Karawanken Mts. (1 ♀, leg. Verhoeff, 20.ix.1907).
2. *Cyphoniscellus (Calconiscellus) gottscheensis* Verhoeff, 1927a: Gottschee [now Kocevje, 45°38'N, 14°51'E (from Alexandria Digital Library Gazetteer)], 760 m (19 ♂, 33 ♀, syntypes, leg. Verhoeff, x.1926, out of these, 5 ♂ and 1 ♀, BMNH 1928:7:56-60).

Species: 3.

Distribution: Slovenia, Hungary, Austria, Greece.

Remarks: Verhoeff (1927) described *Calconiscellus* as subgenus of *Cyphoniscellus* and included 2 species, but did not designate a type species.

### ***Caledonillo* Dalens, 1993b**

Family: Armadillidae.

Type species: *Caledonillo tillierorum* Dalens, 1993b (o).

Localities: New Caledonia, Mt. Panié, 20°33' 31"S, 164°46' 28"E, 600 m, humid forest on shale (C holotype, 1 C and 4 juv. paratypes, leg. A. & S. Tillier, 03.xi.1988); same locality, but 420 m (1 C paratype).

Species: 2.

### ***Calmanesia* Collinge, 1922**

Family: Armadillidae.

Type species: *Calmanesia methueni* Collinge, 1922 (m).

Localities: East Madagascar: Forest of Folohoy (1 ♂ and 3 ♀, leg. Herschell & Chauvin, 1911.

BMNH 1922:11:10:6-9); Madagascar, Eastern Forest, Anatanazotra (3 ♀, leg. P.A. Methuen, vi.1911, BMNH 1922:11:10:10-12); syntypes.

Species: 3 (4?).

*Calvigeroniscus*

Typographical error for *Clavigeroniscus*, in Van Name (1936); after Van Name (1940).

***Calycuoniscus* Collinge, 1915a**

Family: Dubioniscidae (after Schultz 1995a).

Type species: *Calycuoniscus bodkini* Collinge, 1915a(m).

Locality: Guyana, Georgetown, Botanic Gardens, "under bark of trees" (20 ♂, 15 ♀, leg. Bodkin, BMNH 1919:4:26:520-539, syntypes).

Species: 2 (3?).

Distribution: Trinidad, Venezuela, NE Brazil.

*Camorta* Barnard, 1936

Synonym of *Olibrinus* Budde-Lund, 1913a.

Type species: *Camorta nicobarica* Barnard, 1936 (m).

Locality: Camorta Island, Nicobars (1 ♂, 1 ♀, leg. "Investigator").

Remarks: Reduced to a synonym of *Olibrinus* by Vandel (1945).

***Cantabroniscus* Vandel, 1965c**

Family: Trichoniscidae.

Type species: *Cantabroniscus primitivus* Vandel, 1965c(m).

Locality: Spain: Santander prov., Cullalvera Cave, near Rambas (4 ♂, leg. de Loriol, 27.vii.1959).

***Caraiboscia* Vandel, 1968**

Family: Philosciidae.

Type species: *Caraiboscia microphthalma* Vandel, 1968(m).

Locality: Galapagos, Guadeloupe Island, Goubeyre (microscope slides of a ♂, 1 ♀, syntypes, leg. L. Berland, v-vii.1952, MNHN-CV 3891.3-7).

Species: 2.

Distribution: Galapagos, Venezuela.

Literature: Leistikow (2001c).

***Carlonsiscus* Verhoeff, 1936a**

Family: Trichoniscidae.

Type species: *Leucocyphoniscus dollfusi* Carl, 1908(o,m).

Locality: France, Isère, in caves.

***Castellanethes* Brian, 1952**

Family: Trichoniscidae.

Type species: *Castellanethes sanfilippo* Brian, 1952(m).

Locality: Italy, Bari: Grave di Castellana (2 ♂, 1 ♀, leg. Sanfilippo, 22.x.1950).

***Catalauniscus* Vandel, 1953a**

Family: Trichoniscidae.

Type species: *Trichoniscus (Nesiotoniscus) bolivari* Arcangeli, 1935(o).

Locality: Spain: Tarragona prov.: Benifallet, Cueva de la Hemidiella (14 ♂, 7 ♀, leg. Bolivar, 18.iv.1920).

Species: 2.

*Catatrignium* Verhoeff, 1931a

Unavailable name (ICZN Art. 13.3).

Type species: Not designated.

Remarks: Verhoeff (1931a) divided the genus *Armadillidium* into 6 subgenera, one of which is *Catatrignium*, which replaces the "Sektio *Appressae*". In this paper a type species was not designated and the name was not introduced as new; however, this seems to be the first time this name appears in the literature.

***Caucasocyphoniscus* Borutzky, 1948**

Family: Trichoniscidae, Haplophthalminae.

Type species: *Caucasocyphoniscus cavaticus* Borutzky, 1948(m).

Locality: Russia, Krasnodarski Krai, Sochinsk Raion, cave "Nizhne-Msymtinskaya" (subsp. *cavaticus*, ♂ holotype, 19 specimens, ♀, ♂, juveniles, leg. Adler, 5 + 13.xi.1943, ZMMU 589 [holotype and 8 paratypes]).

Remarks: The original description of the type species includes the descriptions of 4 subspecies.

*Caucasolidium* Borutzky, 1950

Subgenus of *Ligidium* Brandt, 1833.

Type species: *Caucasolidium cavernicola* Borutzky, 1950 (o, m).

Localities: Abkhazia, Georgia, Adzaba cave near Sukhumi (2 ♂, leg. Sajzev, 25.vii.1935), (5 ♂ and 8 ♀, 06.viii.1939); Mikhailovskaya Cave near Sukhumi (several ♂ and ♀, leg. Birstein, 10.vii.1935 and 01.xii.1943); additional material on which 4 subspecies were described is omitted here. According to Borutzky (1972), the type specimens of *Caucasolidium cavernicola cavernicola* have the

following data: (1 ♂ holotype [lectotype], 3 ♂ and 4 ♀ paratypes, Caucasus, Abkhasiya, Adzaba cave near Sukhumi, leg. Birstein, 06.viii.1939, ZMMU 556).

Remarks: Reduced to a subgenus of *Ligidium* by Schmalfuss (1979). The subsequent mention of a holotype and paratypes (Borutzky 1972) may be regarded as a designation of a lectotype.

**Caucasonethes Verhoeff, 1932**

Family: Trichoniscidae.

Type species: *Caucasonethes borutzkyi* Verhoeff, 1932 (m).

Locality: Georgia: Rion Cave near Kutais (♂ and ♀, leg. Borutzky, 06.xi.19??); Zchal-Ziteli cave (1 ♂).

Species: 3.

Remarks: Vandel (1953) considered *Amerigoniscus* Vandel, 1950 to be a synonym of *Caucasonethes*, but in a later paper (Vandel 1977b) again regarded *Amerigoniscus* as a distinct genus.

**Cephaloniscus Ferrara & Taiti, 1989b**

Family: Incertae sedis.

Type species: *Cephaloniscus sociabilis* Ferrara & Taiti, 1989b (o, m).

Locality: Malaysia: Pahang state, Bukit Fraser, near Jeriau Waterfall, about 1000 m, in a nest of the termite *Hospitalitermes* sp., together with the ant *Centromyrmex hamulatus* (Karaivaiev) (♂ holotype, 7 ♂, 12 ♀ and 9 juv. paratypes MZUF, 1 ♂ and 1 ♀ paratype SMNS, leg. S. Taiti & L. Bartolozzi, 25.xi.1985).

*Cerberoides* Jackson, 1938

Unavailable name according to ICZN Art. 13.3.

*Cerberoides* Jackson, 1941

Synonym of *Philoscodillo* Jackson, 1938.

Type species: *Cerberoides (Philoscodillo) pilosus* Jackson, 1938 (designated by Jackson 1941).

Remarks: Jackson (1938) included the new species *bicornis*, *brevicauda* and *pilosus*, none of which is designated as type species. In addition, he gave three different subgenus names to each of these three species. In consequence, the name *Cerberoides* Jackson, 1938 is not available according to ICZN Art. 13.3. In contrast, the three subgeneric names are available by monotypy. These 3 subgenus names then are “automatically” elevated to generic rank. Jackson (1941) validated the name *Cerberoides* by choosing *Cerberoides (Philoscodillo) pilosus* as type species. According to the above-explained situation, *Cerberoides* then becomes an objective junior synonym of *Philoscodillo*.

*Cercocytonus* Budde-Lund, 1885

Synonym of *Periscyphis* Gerstaecker, 1873.

Type species: *Cercocytonus albescens* Budde-Lund, 1885.

Locality: Egypt (1 specimen, leg. Fischer, 1852, Mus. St. Petersburg?).

Remarks: Budde-Lund (1885) included a second species, *C. convexus* Budde-Lund, 1885, based on one mutilated specimen also from Egypt and also collected by Fischer, 1852, only with doubt in this genus; thus, *C. albescens* can be regarded as type species by monotypy.

**Chaetophiloscia Verhoeff, 1908c**

Family: Philosciidae.

Type species: *Philoscia elongata* Dollfus, 1884 (o).

Localities: France, Ile Sainte-Marguerite near Cannes, (2 ♂, 3 ♀, syntypes, leg. Dollfus, xii.1883, MNHN-Is2255); Italy, Rome (1 ♀ with marsupium, 3 ♀, 1 ♂, syntypes (part), iv.1889 (Dollfus) and xii.1883”, MNHN-Is2254). Under the number Is2254 obviously two samples collected at different times have been merged. Only the specimens collected in 1883 are syntypes, as the others were collected after the publication of the species description.

Synonym: *Neophiloscia* Strouhal, 1929.

Species: <20 (see below).

Distribution: Nearly worldwide, but the species actually belonging to this genus probably have a more restricted geographic range (Mediterranean).

Remarks: Arcangeli (1929) considered *Chaetophiloscia* as a synonym of *Philoscia*, but this was not followed by subsequent authors. The specimens of *Philoscia elongata* in the BMNH are from the Dollfus collection and were considered as syntypes by Ellis & Lincoln (1975), which is incorrect. A large number of nominal species were described in or transferred to the genus *Chaetophiloscia*. Most non-Mediterranean species have already been placed in other genera. Here we also did not count those tropical species that have not yet formally been removed from *Chaetophiloscia*. In the Mediterranean there are at least 9 valid species (Schmalfuss 1990a, 1991), but there are at least the same number of nominal species that have not yet been clarified.

Literature: Schmalfuss (1990a) revised the species occurring in Greece (7 species) and also

(Schmalzfuss 1991) treated the western Asian species. In both papers together, 9 species are described or redescribed.

### ***Chasmatoniscus* Strouhal, 1971**

Family: Trichoniscidae.

Type species: *Chasmatoniscus oculatus* Strouhal, 1971 (m).

Locality: Turkey, near Black Sea Coast; cave no. 2 near Ereğli (♂ holotype and 1 ♀ allotype, under stones and wood (leg. K. Dobat, 03.ix.1962); (17 ♂ and 3 ♀ with eggs, leg. M. & K. Dobat, 22-23.iii.1967).

*Chavesia* Dollfus, 1889

Synonym of *Haplophthalmus* Schöbl, 1860a.

Type species: *Chavesia costulata* Dollfus, 1889 (m) (synonym of *Haplophthalmus danicus* Budde-Lund, 1880).

Locality: Açores: S. Miguel (1 ♀ syntype, leg. Chaves, i.1889, MNHN-Is2337); same data (4 ♂, 2 ♀, syntypes, MNHN-Is5738); same data (2 ♀ syntypes, BMNH 1911: 11:8:10553).

Remarks: Vandel (1957c) examined type specimens of *Chavesia costulata* from the MNHN and found that they belong to *Haplophthalmus danicus*.

*Chelomadillo* Herold, 1932

Unavailable name (ICZN Art. 13.3).

### ***Chelomadillo* Taiti, Paoli & Ferrara, 1998**

Family: Armadillidae.

Type species: *Chelomadillo setosus* Herold, 1932 (designated by Taiti, Paoli & Ferrara 1998).

Locality: Indonesia, Flores, Geli Mutu, 1300 m (leg. Rensch, 15-20.vii.1929 or 30, ZMB 23014).

Species: 4.

Remarks: Herold included the species *setosus* Herold, 1932, *tuberifrons* Herold, 1932, *pustulosus* Herold, 1932, *nitens* Herold, 1932, all of them were found on Flores, Indonesia.

### ***Chileoniscus* Taiti, Ferrara & Schmalzfuss, 1986**

Family: Scleropactidae.

Type species: *Chileoniscus marmoratus* Taiti, Ferrara & Schmalzfuss, 1986 (o, m).

Localities: Chile: Santiago province, Cuesta el Melon, 130 km NW Santiago (1 ♂ holotype, leg. Andrásy & Zicsi. 03.xi.1965, HNHM);

paratypes (same data): 1 ♂, 9 ♀ (HNHM), 3 ♀ (MZUF), 2 ♀ (SMNS no. T204); Chile, Coquimbo, Nague (6 ♂, 7 ♀ with marsupium, 2 ♀, leg. Peña, 26.iv.1980, SMNS T205); Chile, los Maitenes, N Amolanas, leg. Peña, 27.ix.1980, SMNS no. T206).

*Chiltonella* Vandel, 1945

Nomen nudum.

*Chiltonella* Vandel, 1952

Synonym of *Notoniscus* Chilton, 1915.

Type species: *Haplophthalmus tasmanicus* Chilton, 1915.

Locality: Tasmania, Hobart, Fern Tree Gully, under rotten logs (1 specimen, leg. Dendy, 1889).

Remarks: Vandel (1945, 1952) used the name *Chiltonella* instead of *Chiltonia* Arcangeli, 1923, but without indicating that he introduced it as a replacement name (see Green 1961). It was reduced to a synonym of *Notoniscus* by Green (1961).

*Chiltonia* Arcangeli, 1923

Preoccupied by *Chiltonia* Stebbing, 1899 (Amphipoda) and synonym of *Notoniscus* Chilton, 1915.

Type species: *Haplophthalmus tasmanicus* Chilton, 1915 (m).

Locality: Tasmania, Hobart, Fern Tree Gully, under rotten logs (1 specimen, leg. Dendy, 1889).

Remarks: In Arcangeli's (1923) paper the name *Chiltonia* is not labeled "n. gen.", but from the text it becomes obvious that he institutes the name for a new genus.

### ***Circoniscus* Pearse, 1917**

Family: Scleropactidae.

Type species: *Circoniscus gagei* Pearse, 1917 (m).

Locality: Guyana, Dunoon, wet rotten logs in clay jungle (3 ♀ with marsupium, 3 ♀ or imm., fragments of 1 ♂ and 6 other specimens, syntypes, leg. F. M. Gage, 17.vii.1914, USNM98371).

Synonyms: *Paracubaris* Collinge, 1918; *Parcirconiscus* Verhoeff, 1937.

Species: 9.

Remarks: Placed as subgenus of *Synarmadillo* Dollfus, 1892 by Arcangeli (1927), but subsequent authors kept it as separate genus.

Literature: Souza & Lemos de Castro (1991) gave a review and identification key of the species, including 3 new.

### ***Clavigeroniscus* Arcangeli, 1930a**

Family: Stytoniscidae.

Type species: *Trichoniscus (Clavigeroniscus) riquieri* Arcangeli, 1930a (o, m).

Localities: Costa Rica: Puente de Las Mulas (24 ♂ and 17 ♀, some of which with marsupium, leg. Tristan, iii.1916); Orijuaco (3 ♀, leg. Tristán, xii.1911); San José (8 ♀, leg. Tristán, 1916/17).

Synonym: *Afroniscus* Paulian de Félice, 1940a.

Species: 4.

Distribution: Costa Rica, Panama, Cameroon, Hawaii, New Guinea, Bismarck Archipelago, Soloman Islands; Cuba, Ivory Coast.

*Climacosphaerium* Verhoeff, 1931a  
Nomen dubium.

Type species: *Armadillidium naxium* Verhoeff, 1901 (m).  
Locality: Greece, Naxos Is.

Remarks: Verhoeff (1931a) introduced the subgenus *Climacosphaerium* to replace his "Sektio Scalulatae" of the genus *Armadillidium*. He referred to Verhoeff (1907a), where *A. naxium* is the only species included. *A. naxium* has to be considered as type species by monotypy. Since the type specimen(s) seems to be lost (Schmalfuss 1981), *Climacosphaerium* is best regarded as a nomen dubium.

### ***Coatonia* Kensley, 1971**

Family: Titiiniidae.

Type species: *Coatonia phylloniscoides* Kensley, 1971 (m).

Locality: South Africa: Vanrhynsdorp, in burrows of *Microhodotermes viator* (♂ holotype SAMC no. A12829, 1 ♀ allotype SAMC no. A12830; paratypes: 6 ♂, 4 ♀, 11 ovigerous ♀, SAMC no. 12831; 2 ♀ and 14 ovigerous ♀, NCIP no. T694).

### ***Colchidoniscus* Borutzky, 1974**

Family: Trichoniscidae.

Type species: *Colchidoniscus kutaissianus* Borutzky, 1974 (o, m).

Localities: Western Grusia, Tshkaltubo district, Bjelaja Cave (1 ♂, leg. Dzhnanashvili, 17.iii.1967), Sakadzhina cave (3 ♀, leg. Levushkin, 15.ix.1968), Solkota cave (♂ holotype, leg. Dzhnanashvili & Levushkin, 19.ix.1968, ZMMU), Orpiri II cave (9 ♀ and ♂, 2 juv. leg. Levushkin, 01.ix.1971).

### ***Colomboniscus* Vandel, 1972a**

Family: Scleropactidae.

Type species: *Colomboniscus regressus* Vandel, 1972 (m).

Localities: Colombia, Montserrate, ca. 3 km E of the town, Paramo forest, 3200 m (14.x.1968-

07.iii.1969); Paramo de Montserrate, *Espeletia grandifolia* (26.iv.1968); Paramo de Montserrate (22.ii.1968); montane forest at Tibatitá, ca. 11 km N Bogotá, 2600-2800 m (19.ii.1967); montane forest between La Mesa and Mosquera, 2600-2700 m (2 ♀ syntypes, leg. H. Sturm, 28.vi.1967, MNHN-CV); slides with preparations of female (MNHN-CV 5818.1-6) and male (MNHN-CV 5819), it is not indicated from which of the 5 above-mentioned samples the slide preparations were made.

*Colombophiloscia* Vandel, 1968

Unavailable name (ICZN Art. 13.3); Family: Philosciidae.  
Type species: Not designated.

Species originally included:

1. *Colombophiloscia alticola* Vandel, 1968: Ecuador, Baños, Doline de la grotte de Baños, 2300 m, humus (leg. N. Leleup, iv.1965).
2. *Colombophiloscia cavernicola* Vandel, 1968: Venezuela, Monagas, Caripe, Cueva de Quijano (leg. Bordon, 31.xii.1962), Cueva del Guacharo, 1065 m (leg. O. Linares, 15.v.1965).
3. *Colombophiloscia naevigesta* Vandel, 1968: Galapagos, Isla de Santa Cruz, "prairies du sommet", 650 m, "profondes crevasse, avec entrée de grotte renfermant de l'eau. sous les pierres enfoncées dans l'argile", leg. N. Leleup, ii.1965).

Remarks: Vandel (1968) included the three new species *alticola*, *naevigesta* and *cavernicola*. Because of the unavailability and the homonymy with the following, a new generic name must be created for these three species.

### ***Colombophiloscia* Vandel, 1981**

Family: Philosciidae.

Type species: *Colombophiloscia romanorum* Vandel, 1981 (m).

Locality: Cuba, prov. Oriente, Las Cruces, "litière d'une cafetière et d'arbres de piñon", near entrance of Cueva Jibara (leg. Decou & Negrea, 17.iii.1973).

Remarks: Vandel (1981) introduced *Colombophiloscia* as a new genus, not mentioning that he had described a genus of the same name before. Despite the priority of *Colombophiloscia* Vandel, 1968, *Colombophiloscia* Vandel, 1981 is valid according to the ICZN, because for *Colombophiloscia* Vandel, 1968 no type species was designated, which resulted in unavailability of the name.

*Colombophiloscia* Leistikow, 2001

Junior homonym of *Colombophiloscia* Vandel, 1981.

Type species: *Colombophiloscia alticola* Vandel, 1968 (designated by Leistikow, 2001c).

Locality: Ecuador, Baños, Doline de la grotte de Baños, 2300 m, humus (leg. N. Leleup, iv.1965).

Species: 3.

Remarks: Vandel (1968) introduced the name *Colombophiloscia* to include 3 species; since he did not designate a type species, this name is unavailable according to ICZN Art. 13.3. Leistikow (2001c) attempted to validate the name by choosing a type species, and wrote that for *Colombophiloscia romanorum* Vandel, 1981, probably a new genus needs to be established. Unfortunately he overlooked that the genus name *Colombophiloscia* Vandel, 1981 was valid, and in fact the three species included by Vandel (1968) need a new genus name.

### ***Colomboscia* Vandel, 1972a**

Family: Scleropactidae.

Type species: *Colomboscia cordillerae* Vandel, 1972a(m).

Localities: Colombia: Resina, village on the west slope of the east cordillera, between Altamira and Florencia (Caquetá), ca. 35 km NNW from Florencia, 1800 m (village) to 2300 m (pass), montane forest (♂ lectotype [designated by Taiti, Allspach & Ferrara 1995], 1 ♂, 2 ♀, paralectotypes, leg. H. Sturm, 08.vi. 1956, MNHN-CV); Paramo de Chisaguá, ca. 40 km SSW of Bogotá, 3400-3640 m, *Espeletia grandifolia*, 25.vi.1968, leg. Sturm (syn-types).

Species: 3.

Remarks: Transferred from Bathytropidae to Scleropactidae by Taiti, Allspach & Ferrara (1995), who revised the genus and included the type species, one new species and one unnamed species.

### ***Congethelum* Ferrara & Schmalzfuss, 1985**

Family: Eubelidae.

Type species: *Congethelum hauseri* Ferrara & Schmalzfuss, 1985 (o, m).

Locality: Congo, Grotte de Kila-Tari, near Mouyondizi (♂ holotype and 1 ♂, 1 imm. ♂ and 2 ♀, leg. Aellen & Strinati, 11.viii.1957, MHNG).

### ***Congloboniscus* Jackson, 1938**

Family: ?

Type species: *Cerberoides (Congloboniscus) brevicauda* Jackson, 1938 (m).

Locality: Hawaii: Rapa Island, NE ridge of Mangaoa Peak, 305-335 m (only ♀, leg. Zimmermann, 19.vii.1934).

Remarks: The type species was described under the genus name *Cerberoides*, but Jackson did not designate a type species for that genus, thus the name *Cerberoides* is unavailable according to ICZN Art. 13.3. It is replaced by the subgenus name, which therefore “automatically” is raised to generic rank.

### ***Congocellio* Arcangeli, 1950b**

Family: Porcellionidae.

Type species: *Congocellio uniformis* Arcangeli, 1950b (m).

Locality: Congo: Kivu-Ngoma (1 damaged ♀, leg. Burgeon, x.1932, MRAC).

### ***Congophiloscia* Arcangeli, 1950b**

Family: Philosciidae.

Type species: *Congophiloscia albofasciata* Arcangeli, 1950b (m).

Localities: Congo: Sarra-Zao (2 ♂, 4 ♀, vi.1937), Tchimbali, Lukunga River (1 ♀, vi.1937) leg. Darteville; Maganzi A. E. F. (1 ♀, vi.1937), Matadi (1 ♂, 1938) leg. ?; samples in MRAC.

Distribution: Guinea Bissau, Cameroon, Angola, Annobon Island.

Species: 4.

*Cooperaulax* Verhoeff, 1942d

Unavailable name (synonym of *Periscyphis* Gerstaecker, 1873).

Type species: Not designated, not available (ICZN Art. 13.3.).

Species originally included:

1. *Periscyphis civilis* Budde-Lund, 1908b: East Africa: Witu Islands, Patta Is. (6 syntypes, leg. Voeltzkow, 18.ii.1903, ZMB 12320); same data (1 ♂, 2 ♀ syntypes, BMNH 1921:10:18:1291-1295).

2. *Periscyphis vittatus* Omer-Cooper, 1926: “French Somaliland, Obock” (♂ holotype and 6 ♀ paratypes, leg. ?, BMNH 1921:10:18:1354-1359).

Distribution: East Africa.

Remarks: Verhoeff (1942d) instituted this genus for the two species *Periscyphis civilis* Budde-Lund, 1908 b and *Periscyphis vittatus* Omer-Cooper, 1926 without designating a type species. Taiti, Ferrara & Allspach (1997) listed these species under the genus name *Periscyphis*.

### ***Cordioniscus* Graeve, 1914**

Family: Styloniscidae.

Type species: *Trichoniscus stebbingi* Patience, 1907 (o, m).

Localities: Scotland: Glasgow: “in a field near Alexandra Park” and “in one of the propagat-



ing houses in the Botanical Garden”; syntypes: Springburn Public Park, Glasgow, Scotland (2 ♂, 2 ♀, leg. Patience, BMNH 1907:5:29:1-5); Scotland, Hawkshead Asylum, Renfrewshire, and Glasgow, in greenhouses (2 ♂, 1 ♀, leg. ?, BMNH 1911:11:8:10979-81); Glasgow, Scotland, leg. Patience, BMNH 1921:10:18:250-253).

Species: 13.

Distribution: South America, Europe (in greenhouses).

Remarks: Described as subgenus of *Trichoniscus*. According to Schmalzfuss & Erhard (1998), the diagnosis of the genus does not allow separation from *Styloniscus*. The syntype specimens mentioned here were regarded as such in a list of type specimens in the BMNH, by Ellis & Lincoln (1975). Although the data are not exactly identical with those mentioned in the text, the specimens may actually be type specimens.

Literature: Schmalzfuss & Erhard (1998) gave an account of 10 previously described species and descriptions or redescriptions of 8 species from Greece, including 3 new ones.

*Coronadillo* Vandel, 1977a

Unavailable name (ICZN Art. 13.3).

***Coronadillo* Taiti, Paoli & Ferrara, 1998**

Family: Armadillidae.

Type species: *Cubaris milleri* Chilton, 1917 (designated by Taiti, Paoli & Ferrara 1998).

Locality: New Zealand, SE of North Island, Levin (several specimens).

Species: 3.

Remarks: *Coronadillo* Vandel, 1977a is an unavailable name because Vandel included 3 species without indicating a type species. The name was validated by Taiti, Paoli & Ferrara (1998).

*Cosmeodillo* Vandel, 1972d

Synonym of *Cubaris* Brandt, 1833.

Type species: *Cosmeodillo jolivetii* Vandel, 1972d (m).

Locality: Malaysia, Poulou Penang Island, off W coast of Malacca.

Species: 2.

Remarks: The genus was established as new in two subsequent papers which Vandel apparently submitted simultaneously. In the paper on Oniscidea from Thailand (Vandel 1972d), no diagnosis of the genus is given, but

this was done in his work on Cuban Isopoda (Vandel 1973c). Furthermore, the generic name is misspelled as *Comeodillo* in the former paper. Since no definition of the genus is given, the name should be regarded as unavailable (ICZN Art. 13.1.1), although the type species is given by monotypy. On the other hand, *Cosmeodillo* Vandel, 1973c is defined, but the name is unavailable because the type species was not indicated (ICZN Art. 13.3). Taiti, Paoli & Ferrara (1998) reduced *Cosmeodillo* to a synonym of *Cubaris*.

*Cosmeodillo* Vandel, 1973c

Unavailable name (see above).

*Coxopodias* Richardson, 1910b

Synonym of *Synarmadillo* Dollfus, 1892.

Type species: *Coxopodias tristani* Richardson, 1910b (o, m).

Localities: Costa Rica: road between Juan Viñas and Reventazon (type; USNM 40896); Turrialba (other specimens); (leg. Tristan).

Remarks: Reduced to a synonym of *Synarmadillo* by Arcan-geli (1927).

*Cretodillium* Vandel, 1957b

Synonym of *Schizidium* Verhoeff, 1901.

Type species: *Cretodillium perplexum* Vandel, 1957 b (m).

Localities: Creta, Hagia Paraskévi cave, at Scotino, dept.

Heraklion; Peristera cave, 2-3 km NE Vrakhassi, dept.

“Saint-Nicolas”; Milatos cave, N of Neapolis, dept.

“Saint-Nicolas”.

Remarks: Vandel (1957b) gave the name *Cretodillium* to a “groupe pruvoti”, he had previously recognized within the genus *Armadillidium* (Vandel, 1954). Schmalzfuss (1979) reduced *Cretodillium* to a synonym of *Schizidium*.

***Cretoniscellus* Vandel, 1957b**

Family: Trichoniscidae, Haplophthalminae.

Type species: *Cretoniscellus strouhali* Vandel, 1957b(m).

Locality: Creta, Megalo Katafyngui, 3 km from Tourtoulis, 12 km from Sitia (leg. Lindberg, iv-v.1955).

Species: 4.

Distribution: Greece.

***Cristarmadillidium* Arcan-geli, 1935a**

Family: Armadillidiidae.

Type species: *Armadillidium muricatum* Budde-Lund, 1885 (m).

Locality: Spain, Cartagena (Carthago Nova) (29 syntypes, leg. Simon, SMF ZMG 593); same data? (2 ♂, 11 ♀, “this includes unregistered specimens collected by Ehlers in 1879, which are in the same tube”, BMNH 1921:10:18:3038-3042); Cartagena (1 ♀ syntype, leg. E. Simon, BMNH 1911:11:8:9958-9959).

Species: 2.

Remarks: Arcangeli (1935a) by no means indicated that he introduced the name *Cristarmadillidium* as new; he later (Arcangeli 1936a) proposed the subgenus *Cristarmadillidium* for *Armadillidium muricatum*. Since this name was already mentioned in the other paper, the publication date is 1935, not 1936.

### ***Cristarmadillo* Arcangeli, 1950b**

Family: Armadillidae.

Type species: *Cristarmadillo gerardi* Arcangeli, 1950b (m).

Locality: Congo: Kalina (1 ♀, leg. Tinaut, xii.1933, MRAC).

Species: 3.

*Ctenodillidium* Frankenberger, 1940

Synonym of *Macrotelsonia*.

Type species: *Echinarmadillidium strouhali* Frankenberger, 1938 (o, m).

Locality: Montenegro, cave "Studenacka pecina" near Niksic (1 ♀).

*Ctenodillium* = misspelling of *Ctenodillidium* Arcangeli, 1950b.

### ***Ctenorillo* Verhoeff, 1942d**

Family: Armadillidae.

Type species: *Ctenorillo buddelundi* Verhoeff, 1942d (m) (synonym of *Cubaris regulus* Van Name, 1920).

Localities: Rwanda, Nyando, 1890 m (1 specimen, holotype, leg. Rodriguez, i.1930?); Uganda, Entebbe (1 specimen, leg. H. Schultze, 10.iv.1912).

Synonym: *Tuberdillo* Schmalzfuss & Ferrara, 1983.

Species: 9.

Distribution: Congo, Gabon, Guinea, Angola, Ivory Coast.

Remarks: Arcangeli (1956) referred to *Ctenorillo* as subgenus of *Venezillo*. Taiti, Paoli & Ferrara (1998) reduced *Ctenorillo buddelundi* to a synonym of *Cubaris regulus*.

### ***Ctenoscia* Verhoeff, 1928b**

Family: Philosciidae.

Type species: *Chaetophiloscia dorsalis* Verhoeff, 1928c (m).

Localities: Italy: San Remo (4 ♂, 3 ♀, leg. Verhoeff, 05.iv.19??); Grimaldi (2 ♂, 3 ♀, leg. Verhoeff, 11.iv.19??) (syntypes).

Species: 2.

Distribution: Western Mediterranean.

*Cubanodillo* Vandel, 1973b

Nomen nudum.

Remarks: Vandel (1973b, p.130) mentioned this name in his paper on Oniscidea from Melanesia, as if already published elsewhere. The name appears neither in the paper on Oniscidea from Cuba (Vandel 1973c), nor in any other publication. Therefore it is a nomen nudum.

### ***Cubanophiloscia* Vandel, 1973c**

Family: Philosciidae.

Type species: *Philoscia briani* Arcangeli, 1929 (m).

Localities: Cuba, Guyabal (6 ♀ and 8 juv., 10.x.1928; 1 ♂, 4 ♀, one of which with eggs and another with embryos, 12.x.1928, leg. Silvestri); Soledad (1 damaged ♂, 2 ♀, leg. Silvestri, 09.x.1928) (syntypes).

*Cubanoscia* Vandel, 1981

Unavailable name (ICZN Art. 13.3); Family: Bathytropidae.

Type species: not designated.

Species included:

1. *Cubanoscia primitiva* Vandel, 1981; Cuba, prov. Oriente, Cueva de la Cantea (18.ii.1972), Cueva de los Golondrinos, on guano (175 specimens).
2. *Cubanoscia romanorum* Vandel, 1981: Cuba, prov. Oriente, Cueva del Jagüey, on guano (28.ii.1973); prov. Pinar del Rio, Cueva de las Represas, Gran Caverna de Santo Tomás (12.iv.1973), Cueva de la Vela, on guano (14.iv.1973), Hoyo de Fania, in litter (13.iv.1973), leg. Decou & Negrea.
3. *Cubanoscia proxima* Vandel, 1981: Guatemala, Coban (leg. Juberthie).

*Cubarhina* Verhoeff, 1937

Subgenus of *Trichorhina* Budde-Lund, 1908b.

Type species: *Trichorhina bequaerti* Van Name, 1936 (m).

Locality: Cuba: Prov. Oriente, Baños, Cueva de Aguas Gordas? (♂ holotype, 1 ♂ and 1 ♀ paratypes, leg. J. Bequaert; AMNH 6523 and 6523A).

Remarks: Described as a subgenus of *Trichorhina*.

### ***Cubaris* Brandt, 1833**

Family: Armadillidae.

Type species: *Cubaris murina* Brandt, 1833.

Locality: Brazil (6 ♀ syntypes, ZMB, Brandt collection).

Synonym: *Glomerulus* Budde-Lund, 1909.

Distribution: Worldwide in subtropical and tropical regions.

Other species: 93, most of which will not remain in this genus after thorough examination.

**Cubaroides Vandel, 1974**

Family: Armadillidae.

Type species: *Cubaroides pilosus* Vandel, 1974 (m).

Locality: Australia: New South Wales: 10 km S of Jeogla, under and in wood in rainforest (leg. Hunt, xi.1969).

**Cuckoldillo Lewis, 1998a**

Family: Armadillidae.

Type species: *Cuckoldillo episcopalis* Lewis, 1998a (m).

Type locality: Australia, Queensland, Cape Tribulation, 16°05'N, 145°29'E (♂ holotype, 1 ♀ and 1 juv. ♂ paratypes, leg. L. Bishop, AM P41903, P41904).

**Cuzcodinella de Armas & Juarrero de Varona, 1999**

Family: Delatorreidae.

Type species: *Cuzcodinella oryx* de Armas & Juarrero de Varona, 1999 (o, m).

Localities: Cuba, Prov. Guantánamo, El Cuzco, Jagüeyón (♂ holotype and 8 ♂, 9 ♀ paratypes, leg. L. F. Armas, 15.i.1993, IESH); La Matazón, Jagüeyón (2 ♂, 10 ♀, 8 juveniles, paratypes, leg. L. F. de Armas, 14.i.1993, IESH); Cueva del Cuzco, Jagüeyón, El Salvador (12 ♂ and 11 ♀ paratypes, leg. L. F. Armas & E. Alonso, 21.v.1993, IESH).

**Cylindroniscus Arcangeli, 1929b**

Family: Trichoniscidae.

Type species: *Cylindroniscus seurati* Arcangeli, 1929b (m).

Locality: Cuba: Guayabal, in humus (8 ♀, leg. Silvestri, x.1928).

Synonym: *Antroniscus* Mulaik, 1960.

Species: 7.

Distribution: Cuba, Mexico.

**Cylisticus Schnitzler, 1853**

Family: Cylisticidae.

Type species: *Cylisticus laevis* Schnitzler, 1853 (designated by Budde-Lund 1908b) (synonym of *Oniscus convexus* De Geer, 1778).

Locality: Germany, Bonn.

Synonym: *Parcylisticus* Verhoeff, 1943.

Species: 42.

Distribution: Central Europe, Italy, Greece, Romania, Turkey, Caucasus.

Remarks: In Schnitzler's (1853) paper this name is not introduced as new; the name is followed by the abbreviation "Nob.". Below, he cited *Oniscus convexus* DeGeer, *Oniscus laevis* Lamarck and others. The mention of *Cylisticus laevis* as type species of *Cylisticus* by Budde-Lund 1908b is regarded as designation of the type species, according to ICZN Art. 69.1.1.

*Cylloma* Budde-Lund, 1879

Nomen nudum.

Remarks: The new genus name was introduced together with the new species name *C. oculatum*, both without any description.

*Cylloma* Budde-Lund, 1885

Synonym of *Actaecia* Dana, 1853.

Type species: *Cylloma oculatum* Budde-Lund, 1885 (m) (synonym of *Actaecia euchroa* Dana, 1853).

Locality: New Zealand (1 damaged specimen, "in Mus. Cantabrigiensis Mass.").

Remarks: *Cylloma* was reduced to a synonym of *Actaecia* by Chilton (1901). We could not identify the Museum mentioned by Budde-Lund (1885).

**Cyphobrembana Verhoeff, 1931c**

Family: Trichoniscidae.

Type species: *Cyphobrembana pellegrinensis* Verhoeff, 1931c (m).

Locality: Italy: Val Brembana, near S Pellegrino, ca. 500 m, under limestone (1 ♂, 2 ♀, leg. Verhoeff, 26.ix.1930) (syntypes).

**Cyphodillidium Verhoeff, 1939a**

Family: Armadillidiidae.

Type species: *Echinarmadillidium absoloni* Strouhal, 1934 (m).

Locality: Yugoslavia, Meleda island, "Pecina Movrica" cave (26 ♂, 16 ♀, leg. Absoloni, 25.vii.1917).

**Cypholambrana Verhoeff, 1938b**

Family: Trichoniscidae, Haplophthalminae.

Type species: *Cyphoniscellus (Cypholambrana) castelmartius* Verhoeff, 1938b (m).

Locality: Italy, Lombardia, Castelmarte in the Lambro Valley (N of Erba) (2 ♀, 1 ♂, leg. Verhoeff, 10.x.1933) (syntypes).

Species: 3.

Remarks: Described as subgenus of *Cyphoniscellus*, but Strouhal (1940) and subsequent authors treated it as separate genus.

***Cyphonethes* Verhoeff, 1926**

Family: Trichoniscidae.

Type species: Not designated.

Species originally included:

1. *Titanethes herzegowinensis* Verhoeff, 1900: Hercegovina, Trebinje, in caves: "Elias-Höhle", "Absturz-Höhle", "Wolfshöhle", "Matulic-Höhle" (4 ♂ and several ♀ and young ♂).
2. *Titanethes biseriatus* Verhoeff, 1900: "Wolfshöhle" near Trebinje (1 probably immature ♀).

Remarks: In Verhoeff's (1900) descriptions the names are followed by a "mihi", and not indicated as new; despite this fact, these are the original descriptions. Tabacaru (1993b) mentioned *Cyphonethes* as a subgenus of *Titanethes* and stated that it includes one species. Since the name of this species is not given, the type species is still not designated. Tabacaru (1996) elevated *Cyphonethes* to genus rank and mentioned *Cyphonethes herzegowinensis* as the only species. If the ICZN is strictly interpreted, this still is not a designation of the type species.

***Cyphoniscellus* Verhoeff, 1901a**

Family: Trichoniscidae.

Type species: *Cyphoniscus herzegowinensis* Verhoeff, 1900.

Locality: Hercegovina, "Wolfshöhle" near Trebinje (♀ holotype, leg. K. W. Verhoeff, iv.1897).

Synonyms: *Cyphoniscus* Verhoeff, 1900; *Vardaroniscus* Buturovic, 1955; *Bulgaronethes* Vandel, 1965.

Species: 12.

Distribution: Italy, SE Europe.

Remarks: Vandel (1967) listed 4 species.

*Cyphoniscus* Verhoeff, 1900Preoccupied by *Cyphoniscus* Salter, 1853 (Trilobita); synonym of *Cyphoniscellus* Verhoeff, 1901a.Type species: *Cyphoniscus herzegowinensis* Verhoeff, 1900 (m).

Locality: Hercegovina, "Wolfshöhle" near Trebinje (♀ holotype, leg. K. W. Verhoeff, iv.1897).

Remarks: Verhoeff (1901a) changed the name to *Cyphoniscellus*, because it was preoccupied. The information on the preoccupation was taken from the "Nomenclator Zoologicus".***Cyphopleon* Frankenberger, 1940**

Family: Trichoniscidae.

Type species: *Cyphoniscellus* (*Calconiscellus*) *kratochvili* Frankenberger, 1939c (o, m).

Locality: Dalmatia, in cave at "Svilaja Planina" in central Dalmatia (♀ holotype, leg. J. Kratochvil, summer 1939).

*Cyphotendana* Verhoeff, 1936a

Unavailable name (ICZN Art. 13.3); Family: Trichoniscidae.

Type species: Not designated, unavailable name.

Species originally included:

1. *Cyphotendana dalmazzensis* Verhoeff, 1936a: NW Italy: S.Dalmazzo di Tenda (20 ex., leg. Verhoeff, 07.iv.19??; ZMB 23864).
2. *Cyphotendana ligurina* Verhoeff, 1936a: Italy, Ligurian Mountains, Ferrania (1 ♂, 1 ♀, leg. Verhoeff, 16.iv.19??).

***Cyrnoniscus* Vandel, 1953c**

Family: Trichoniscidae.

Type species: *Cyrnoniscus remyi* Vandel, 1953c (m).

Locality: Corsica: Grotte Corte à Pietracorbara (3 ♂, 4 ♀, leg. Remy 10.viii.1948), Grotte de Gudrone à Sorio (1 ♀, leg. Remy 17.viii.1948).

*Dasypoditius* = misspelling of *Dorypoditius*; in Arcangeli (1950b).***Dekanoscia* Verhoeff, 1936b**

Family: Philosciidae.

Type species: *Dekanoscia longicornis* Verhoeff, 1936b (m).

Locality: India: Travancore: Ponmudi Hills, cave at 1070 m.

*Delatorreia* Boone, 1934Synonym of *Pseudarmadillo* Saussure, 1847.Type species: *Delatorreia hoplites* Boone, 1934 (o, m).

Localities: Cuba: Camaguey, Sierra de Cubitas, Finca La Loma (1 specimen, holotype, leg. de la Torre; AMNH 6607), Sierra de Cubitas, Camaguey (1 smaller specimen, leg. P. Bermudez, Boone Collection), Sierra de Najaza, Camaguey (1 very large specimen, leg. P. Bermudez; Poey Museum Habana).

Remarks: Reduced to a synonym of *Pseudarmadillo* by Schmalfuss (1984).*Dentigeroniscus* Arcangeli, 1938Unavailable name (ICZN Art. 13.3); subgenus of *Androniscus* Verhoeff, 1908b.

Type species: Not designated, unavailable name (ICZN Art. 13.3.).

Remarks: Arcangeli (1938) raised the *alpinus*-group to sub-

genus level and named it *Dentigeroniscus*. If this is not to be regarded as designation of *alpinus* as the type species, the latter is not designated. From the text, it does not become obvious which species Arcangeli included in the *alpinus*-group.

*Depressionus* Verhoeff, 1943

Subgenus of *Trachelipus*.

Type species: Not designated, unavailable name according to ICZN Art. 13.3.

Species originally included:

1. *Tracheoniscus (Depressionus) kigathensis* Verhoeff, 1943: European part of Turkey, Kigathane (1 ♂, 1 ♀, leg. Kosswig, 15.ii.19??, slide with both pleopods 1-3, pereopod 7 and 2 coxal plates, ZSM).
2. *Tracheoniscus simrothi* Verhoeff, 1936a: Italia, Liguria, W Serravalle, "in a valley of tertiary sandstone" (1 ♂, 1 juv. ♂, 9 ♀, 5 juv. ♀, leg. Verhoeff, 7.x.193?, slide with male pereopods 7, pleopods 1, 2 and Plp 3 exopodite and 1 coxal plate, ZSM).
3. *Tracheoniscus larii* Verhoeff, 1927b: Lake Como, Lecco, deciduous forest (1 ♂, leg. Verhoeff, 11.iv.1911, BMNH 1928:7:4:94, slide with male pereopods 7 and pleopods 1-3, ZSM); near Bellano, in Castanea leaf litter (2 ♂, 2 ♀, leg. Verhoeff, 12.iv.19??); Castagnola near Lugano (1 ♀, leg. Verhoeff, 6.iv.19??); Melinde near Lugano (1 ♀, leg. Verhoeff, 7.iv.19??).

Remarks: Schmidt (1997) regarded all three nominal species as synonyms of *Trachelipus razzautii* (Arcangeli, 1913); therefore there is no necessity to validate the name *De-pressionus*.

*Desertellio* Verhoeff, 1930c

Subgenus of *Hemilepistus* Budde-Lund, 1885.

Type species: *Hemilepistus (Desertellio) zachvatkini* Verhoeff, 1930c (m).

Localities: Turkmenia: "Chiali-Saj" (80 km S of Tashkent), on saline soil (1 imm. ♂, 2 ♀, leg. Zachvatkin, 20. vi.19??), Vrevskaya Station, on right shore of Chirchik River?, 50 km SW of Tashkent (1 ♂, 1 imm. ♂, 2 ♀, leg. Chernova & Rohdendorff, 04.iv.19??) (syntypes).

Species: 8.

Remarks: Described as subgenus of *Hemilepistus*. Röder et al. (1993), in an article on chromosome banding, referred to "*Desertellio elongates*".

Literature: Borutzky (1945) gave a key to 8 species, 3 of which he described as new.

***Desertoniscus* Verhoeff, 1930c**

Family: Trachelipodidae.

Type species: *Desertoniscus subterraneus* Verhoeff, 1930c (m).

Locality: Turkmenia, Vrevskaya Station, 50 km SW of Tashkent, in 40-50 cm depth (1 ♂, 8 ♀, 6 juv., leg. Zachvatkin, 17.iii.19??) (1 ♀ syntype, BMNH 1930:5:26:73).

Species: 8.

Distribution: Turkmenia, Kasakhstan.

Literature: Borutzky (1945) gave a key to 8 species, 7 of which were described as new. Borutzky (1978) excluded all but the type species and described 3 new species. For these 4 species, he provided a key.

***Desertosphoera* Vandel, 1948b**

Family: Spelaeoniscidae.

Type species: *Desertosphoera remyi* Vandel, 1948b (m).

Localities: Algeria: Biskra, under deep stone on margins of irrigation canals of palm plantation (3 ♂, 6 ♀, 5 juv. leg. Remy, 28.ix.1946); Ain Ben Noui, Station experimental agricole, 9 km SW of Biskra, on the way to Tolga (1 ♀, leg. Remy, 27.ix.1946) (syntypes).

***Deto* Guérin, 1836**

Family: Scyphacidae.

Type species: *Deto echinata* Guérin, 1836 (m).

Locality: South Africa.

Species: 8 nominal species.

Distribution: South Africa, Australia, New Zealand, America.

Remarks: Guérin did not give a locality, he simply wrote "has been brought from the Orient by Olivier; it probably lives on the sea shore". Chilton (1915) and Panning (1924) referred to a subgenus *Deto* Budde-Lund, 1906; a change of rank does not require or allow a change of the authorship, so this is invalid.

***Detonella* Lohmander, 1927**

Family: Scyphacidae.

Type species: *Trichoniscus papillicornis* Richardson, 1905 (m).

Locality: Alaska: Seldovia; Cook Inlet (♀ holotype, USNM 28772).

Species: 1.

Distribution: Japan, Sachalin, Kurile Islands, Alaska.

Literature: Schmidt (2000a) redescribed the type species and reduced the other nominal species to synonyms.

***Diacara* Budde-Lund, 1908b**

Family: Incertae sedis.

Type species: *Alloniscus elegans* Dollfus, 1895a (m).

Locality: Madagascar, Diego Suarez, Montagne

d'Ambre (1 ♀, 1 juv., leg. Ch. Alluaud, iv-viii.1893) (the ♀ syntype BMNH 1921:10:18:1673).

Species: 6.

Distribution: Madagascar, Comore Islands.

Remarks: Budde-Lund (1908b) instituted *Diacara* for *Alloniscus elegans*; he wrote, "three more species probably belong to this genus"; this being not more than a vague assumption, *A. elegans* is regarded as type species by monotypy.

### ***Didima* Budde-Lund, 1908b**

Family: Philosciidae.

Type species: *Didima humilis* Budde-Lund, 1908b(m).

Locality: Madagascar, near Antanarivo (♀ holotype, leg. F. Sikora, BMNH 1921:10:18:1888).

Literature: Taiti & Ferrara (1978) redescribed *Didima humilis* and figured the diagnostic characters.

### ***Dioscoridillo* Ferrara & Taiti, 1996**

Family: Eubelidae.

Type species: *Dioscoridillo melanoleucus* Ferrara & Taiti, 1996 (o, m).

Locality: Socotra Island: Nogeed (♀ holotype and 1 ♀ paratype in SMF, 1 ♀ paratype in MZUF).

### ***Diploexochus* Brandt, 1833**

Family: Armadillidae.

Type species: *Diploexochus echinatus* Brandt, 1833(m).

Locality: Brazil (♀ holotype, ZMB, Brandt collection, dry).

Species: 85 nominal species.

Distribution: Worldwide.

Remarks: Brandt (1833) instituted *Diploexochus* as a new genus. Arcangeli (1956) incorrectly reported *Diploexochus* as having been introduced by Brandt (1833) as a subgenus of *Cubaris* Brandt, 1833. Vandel (1952) preferred to retain only the type species. The other species later assigned to this genus might belong to *Venezillo* or others.

*Diplosphaerillo* Arcangeli, 1934

Unavailable name (ICZN Art. 13.3.).

Type species: Not designated.

Species originally included:

1. *Diploexochus thomsoni* Panning, 1924: "kleiner Waterberg, Farm Okosongomingo (3 specimens, leg. H. Thomson, vii-viii.1912); "Okahandja" (1 juv., leg. W. Michaelsen); syntypes.
  2. *Spherillo* (*Diplosphaerillo*) *panningi* Arcangeli, 1934 (replacement name for *Diploexochus nanus* sensu Panning, 1924, not Budde-Lund, 1910); Namibia, "Karibib" (1 specimen, leg. Michaelsen); "Seeheim" (4 specimens, leg. Michaelsen); syntypes.
  3. *Diploexochus damarensis* Panning, 1924: "Neudamm", 42 km ENE of Windhuk (7 specimens, leg. Michaelsen).
- Remarks: Arcangeli (1934) included 4 species the subgenus *Diplosphaerillo* of the genus *Spherillo*. He neither designated a type species, nor indicated that the name was new. However, we could not find an earlier citation. Taiti, Paoli & Ferrara (1998) listed *Diplosphaerillo* as invalid name.

### ***Dorypoditius* Verhoeff, 1942e**

Family: Porcellionidae.

Type species: *Dorypoditius zitzmanni* Verhoeff, 1942e(m).

Localities: Mozambique: near Port Amelia (ZMH 12823), Naygoro plantation (ZMH 12007) (both samples leg. Zitzmann).

Remarks: Verhoeff (1942e) classified this species in the Porcellionidae; this may be regarded as doubtful due to the absence of pleopodal lungs.

*Dryadillo* Herold, 1932

Unavailable name (ICZN Art. 13.3).

### ***Dryadillo* Taiti, Ferrara & Kwon, 1992**

Family: Armadillidae.

Type species: *Dryadillo baliensis* Herold, 1932 (designated by Taiti, Ferrara & Kwon, 1992).

Locality: Indonesia, Bali, Baturiti, 1150 m, "on plants" (♀ holotype, leg. Thienemann, 14.vi.1929).

Species: 11.

Distribution: Indonesia, Vietnam, China, Taiwan.

### ***Dubioniscus* Vandel, 1963**

Family: Dubioniscidae.

Type species: *Dubioniscus delamarei* Vandel, 1963(m).

Locality: Argentina: La Plata, Punta Lara, [marigot] at shore of La Plata River, piece of tropical forest (4 ♂, 3 ♀, 1 juv., syntypes, leg. Delamare-Deboutteville, 03.v.1959, MNHN?).

Synonym: *Hileioniscus* Lemos de Castro, 1967.  
 Species: 4.  
 Distribution: Cuba, Brazil, Argentina.

*Duplocarinatum* Verhoeff, 1931a  
 Unavailable name (ICZN Art. 13.3).  
 Type species: Not designated.

Remarks: Verhoeff (1931a) introduced this as a subgenus of *Armadillidium* to replace the "Sectio *Duplocarinatae*". Verhoeff (1907a) included 6 species in the "Sectio *Duplocarinaetae*", therefore the type species is not designated. Verhoeff (1931a) did not mention any of these names.

***Echinarmadillidium* Verhoeff, 1901**

Family: Armadillidiidae.  
 Type species: *Armadillidium fruxgalii* Verhoeff, 1900(m).  
 Locality: Ombla Valley [probably Croatia, Dubrovacka, Rijeka, 42°40'N, 18°04'E] (1 ♀, leg. Verhoeff); S Dalmatia: Lapad peninsula, near Gravosa (1 ♀, leg. Verhoeff).  
 Species: 4.  
 Distribution: Greece, Yugoslavia.

***Echinochaetus* Ferrara & Schmalzfuss, 1983**

Family: Platyarthridae.  
 Type species: *Echinochaetus renatae* Ferrara & Schmalzfuss, 1983 (o, m).  
 Locality: Cameroon, Buea, Tole, stream in dense vegetation (♂ holotype, leg. Ferrara & Schmalzfuss, 10.ii.1980, SMNS T77).

***Echinodillo* Jackson, 1933b**

Family: Armadillidae.  
 Type species: *Echinodillo montanum* Jackson, 1933b(m).  
 Locality: Marquesas Islands: Uahuka, Hitikau Ridge, 885 m altitude (1 ♂, 1 ♀ syntypes, leg. LeBronnec & Tauraa, 03.ii.1931); same locality (2 ♂, 1 ♀ syntypes, leg. LeBronnec & Tauraa, 04.iii.1931).  
 Species: 2.  
 Distribution: Marquesas Islands, Tasmania.

***Ecuadoroniscus* Vandel, 1968**

Family: Philosciidae.  
 Type species: *Ecuadoroniscus orientalis* Vandel, 1968(m).  
 Locality: Ecuador (E. C. 18) Oriente: Forêt tropicale à Puyo, 600 m alt., dans l'humus (female(s), IRSNB).

*Eleoniscus* Racovitza, 1907  
 Family: Armadillidiidae.  
 Type species: *Eleoniscus helenae* Racovitza, 1907(m).  
 Locality: Spain: Alicante prov: Cueva del Andorrial (1 ♀, 04.i.1906, Biospeologica no. 121).

Remarks: cited as synonym of *Troglarmadillidium* by Vandel (1944) and Schmölder (1965), but again treated as valid genus by Cruz & Dalens (1990a).

*Eluma* Budde-Lund, 1879  
 Nomen nudum.  
 Remarks: the new genus name was introduced together with the new species name *E. pupurascens*, both without any description.

***Eluma* Budde-Lund, 1885**

Family: Armadillidiidae.  
 Type species: *Eluma pupurascens* Budde-Lund, 1885.  
 Localities: Madeira (1 specimen, leg. Galathea Expedition; several specimens leg. Sørensen, ZMUC); (9 specimens, leg. Metschikoff, Coll. Uljanin, of these, 3 ♀ and 1 juvenile BMNH 1921:10:18:3769-3772); "Cayenne" (several specimens, leg. Jelski); Nicobar Islands (8 [?] specimens, leg. Reinhardt, ZMUC CRU-758-761). Syntypes.

Species: 2.  
 Geographic distribution: Ireland, France, Spain, Portugal, Madeira, Acores, Canary Islands, Cayenne (South America), Tasmania.  
 Remarks: *E. pupurascens* was thought to be a junior synonym of *Armadillidium caelatum* Miers, 1878, by several authors while others obviously regarded this identity as not proven. The mention of *Mesarmadillo* Dollfus, 1892 (part) and *Periscyphops* Hilgendorf, 1893 (part) as synonyms of *Eluma* by Jepsen (2000) is erroneous; these names were cited in the synonymy of *Eubelum*, not *Eluma*, by Budde-Lund (1898).

***Elumoides* Taiti & Ferrara, 1983**

Family: Eubelidae.  
 Type species: *Elumoides monocellatus* Taiti & Ferrara, 1983 (o, m).  
 Localities: Seychelles, Ile la Digue, (♂ holotype, 7 ♂, 9 ♀ and 3 juv. paratypes, leg. P. Schau-

enberg, 28.i.1975, MHNG), Mahé, La Blanche Bay (1 ♂, 1 ♀ paratypes, leg. P. Schauenberg; MHNG); Réunion, St. Philippe (1 ♂, 1 ♀ paratypes, leg. P. Schauenberg, 15.i.1975, MHNG); Mauritius, île des Aigrettes (1 ♀ paratype, leg. P. Schauenberg, 24.xii.1974, MHNG).

Species: 3.

Distribution: Seychelles, Réunion, Mauritius, Kribi?, Ascension.

### ***Emydodillo* Verhoeff, 1926a**

Family: Armadillidae.

Type species: *Emydodillo testudo* Verhoeff, 1926 (m).

Locality: New Caledonia, Ignambi Forest, 700-800 m (3 ♀, leg. Sarasin & Roux, 08.vii.1911).

### ***Ennurensis* Collinge, 1915b**

Family: Incertae sedis.

Type species: *Ennurensis hispidus* Collinge, 1915b(m).

Locality: India: Ennur, near Madras, under stones (leg. Annandale, 19.x.1913, IM 8671/10, 1 ♀ paratype BMNH 1919:4:26:519); South India, Pamban Passage, Mandapam (leg. Annandale, IM 8605/10) "in both cases the specimens were on bare sand close to the seashore".

### ***Eoarmadillidium* Dollfus, 1904**

Family: ?

Type species: *Eoarmadillidium granulatum* Dollfus, 1904 (m).

Locality: France, Bouzigues, près Cette (dept. Hérault) (fossil, Tertiary?) (several specimens).

*Eoporcellio* Verhoeff, 1923

Type species: *Porcellio (Eoporcellio) exstinctus* Verhoeff, 1923 (m).

Locality: Rehobot/Jaffa (1 ex., leg. Aharoni, 21.ii.19??), Chulda (several ex., leg. Aharoni).

Remarks: Described as subgenus of *Porcellio* Latreille, 1804.

### ***Eosphaerillo* Vandel, 1980**

Family: Eubelidae.

Type species: *Eosphaerillo kosswigi* Vandel, 1980(m).

Locality: Iraq, Haditha (leg. C. Kosswig, vi.1958).

*Epimeridium* Verhoeff & Strouhal, 1967

Subgenus of *Ligidium* Brandt, 1833.

Type species: *Ligidium latum* Jackson, 1923 (m).

Locality: California: San Francisco (5 ♀ syntypes, leg. G. Eisen, BMNH 1921:10:18:168-174).

Remarks: *Epimeridium* was introduced as a separate genus. All subsequent authors (Leistikow & Wägele 1999) retained the type species in the genus *Ligidium*, so *Epimeridium* is considered as subgenus or synonym of *Ligidium*.

*Epironiscellus* Strouhal, 1942

Nomen nudum.

*Epironiscellus* Strouhal, 1954

Synonym of *Graeconiscus* Strouhal, 1940.

Type species: *Epironiscellus xerovunensis* Strouhal, 1954 (m).

Locality: Greece: Platanusa (♀ holotype, leg. Beier, 15.v.1932).

Species: 2.

Distribution: Greece, Macedonia.

Remarks: Strouhal (1961a) reduced *Epironiscellus* to a synonym of *Graeconiscus*.

### ***Erophiloscia* Vandel, 1972a**

Family: Philosciidae.

Type species: *Erophiloscia longistyla* Vandel, 1972a(o).

Localities: Colombia (1) Bogotá, above Calle 71, ca. 2170 m, montane forest, leaf litter (slides with preparations of ♂ lectotype, 14.ii.1969); (2) Bosque de Chicó, ca. 1 km E of easternmost edge of the city, at same altitude as Calle 85, ca. 2700-2900 m, montane forest, humus, leaf litter (11.i.1968 and 18.iii.1969); (3) Montserrate, Paramo forest, ca. 3 km E of eastern city border, approx. in prolongation of Calle 45, ca. 3200 m, leaf litter, humus, Bryophyta (14.x.1968 and 07.ii.1969); (4) Paramo Montserrate, *Oreobolus obtussangulus* (23.viii.1968); (5) Paramo Montserrate, ca. 3 km E of eastern city border, approx. in prolongation of Calle 45, 3200-3300 m (26.iv.1969); (6) Montane forest Montserrate, ca. 3150 m, humus, under Bryophyta (07.iii.1969); (7) Paramo Montserrate, pitfall trap (06.ii. and 08.ii.1968); (8) Paramo Montserrate, ca. 3 km E of eastern city border, approx. in prolongation of Calle 45, 3200-3300 m, Espeletia grandiflora, tree trunk (12.vii.1968); (9) La Tagua, settlement at the Rio Caquetà, ca. 210 km SSE Florencia (Caquetà), 50-100 m, tropical rainforest, 11-



17.v.1956); (10) Montane Forest (Robles) between La Mesa and Mosquera, 2600-2700 m, leaf litter (28.vi.1967); (11) Montane forest of Tibabitá, ca. 11 km N Bogotá (Calle 80), 2600-2800 m (19.vii.1967); (12) Montero-dondo, Station between Bogotá and Villavencio, east slope of east Cordillera, about 59 km SE of Bogotá, 1400-1700 m, montane forest, leaf litter (24.xii.1955-03.i.1956); (13) Subparamo de Guasca, 40 km NE of Bogotá, 2920 m, *Espeletia corymbosa* (23.vii.1968); (14) Paramo El Palacio, ca. 25 km ENE of Bogotá, ca. 3300-3500 m, *Espeletia argentea* (04.i.1968); (15) Macarena, isolated mountain, east of eastern Cordillera, up to 2800 m altitude; collection site was ca. 100 km from Villavencio, near [Einmündung] of Rio Zanza into Rio Güeja, ca. 450-650 m, primary tropical rainforest, leaf litter (22.ii.-03.iii.1956); (16) Capote, Station in Magdalena Valley, ca. 250 km N Bogotá, ca. 40 km SO Barracabermeja and Opon; humid tropical rainforest (one specimen only); (17) Icononzo, puente natural, central Magdalena Valley, ca. 75 km SW Bogotá, remains of primary forest, leaf litter (1 specimen, 28.ii.1969); all samples: leg. H. Sturm; lectotype designated by Leistikow (2001a), all others paralectotypes.

Species: 4.

Distribution: Ecuador, Colombia.

Remarks: Vandel (1972a) referred to samples from 17 localities, without fixing type specimens. He included 3 species in the newly erected genus, but the sentence "Nous avons crée, pour y inclure l'espèce colombienne [*E. longistyla*], un nouveau genre que nous nommons *Erophiloscia* [We have created, in order to include the Columbian species, a new genus that we denominate *Erophiloscia*]" here is regarded as a designation of the type species.

Literature: Revision and key to species (Leistikow 2001a).

*Escualdoniscus* Vandel, 1948b

Unavailable name (ICZN Art. 13.3); Family: Trichoniscidae.

Type species: Not designated.

Species originally included:

1. *Escualdoniscus triocellatus* Vandel, 1948b: France: dépt. Basse-Pyrénées: entrance of Ustarbé cave, 700 m (6 ♂, 6 ♀, leg. Coiffait, 25.ix.1946).

2. *Escualdoniscus coiffaiti* Vandel, 1948b: France: dépt. Basse-Pyrénées: Sare, "grande grotte de Sare" (3 ♂, 1 ♀, leg. Coiffait & Fourès, 19.viii.1946).

*Estereloniscus* Vandel, 1943

Synonym of *Nesiotoniscus* Racovitza, 1908.

Type species: *Estereloniscus bernardi* Vandel, 1943 (m).

Locality: France, Massif de l'Esterel, Dept. Var, Le Traysas (1 ♂, 29.iii.1942).

Remarks: Vandel (1947) reduced *Estereloniscus* to a synonym of *Nesiotoniscus*.

*Ethelumoris* Richardson, 1907b

Synonym of *Ethelumoris* Richardson, 1907a.

Remarks: Richardson (1907b) intended to change the name *Ethelumoris*, which was based on an error of transcription; This was not followed by any other author.

### ***Ethelum* Budde-Lund, 1899**

Family: Eubelidae.

Type species: Not designated.

Other species: 6 (+19).

Distribution: Guyana, St. Vincent, Liberia, Cameroon, East Africa.

Species originally included:

1. *Mesarmadillo americanus* Dollfus, 1896: Leeward Is., West Indies, "lowland near sea. May. Under stones" (1 ♀, leg. H. H. Smith, BMNH 1896:1:11:20); St. Vincent, West Indies, "Sugar cane field. March. Under decaying cane leaves" (4 ♀, leg. H. H. Smith, BMNH 1896:1:11:21); same data (2 ♀ with marsupium, MNHN-Is5438); St. Vincent, West Indies, "shady place, under old boards", 80 m (4 ♀, leg. H. H. Smith, September, BMNH 1896:1:11:22); Leeward Is., West Indies, 150 m, "under rubbish, shady place" (1 ♂, 1 ♀, 1 juvenile, leg. H. H. Smith, March, BMNH 1896:1:11:23); same data (1 ♀ with marsupium, MNHN-Is5439); St. Vincent, West Indies (1 ♀, leg. H. H. Smith, BMNH 1921:10:18:771); Leeward or St. Vincent, under old boards, 80 m, leg. H. H. Smith, ix.1889-91, MNHN-Is5440) [syntypes].
2. *Mesarmadillo modestus* Dollfus, 1896: St. Vincent, West Indies, "low ground SE of the Island, under rubbish" (1 ♀, leg. H. H. Smith, BMNH 1896:1:11:24); same data (1 ♀ with marsupium, MNHN-Is5443) [syntypes].
3. *Mesarmadillo reflexum* (Dollfus, 1896): St. Vincent, West Indies, "open swampy land, southern end of the island, under rubbish" (1 ♀ syntype, leg. H. H. Smith, 27.ix.18??,

BMNH 1896:1:11:9); same data (1 ♂ syntype, MNHN-Is).

Remarks: Budde-Lund (1899) introduced *Ethelum* as a subgenus of *Eubelum*, including 3 species.

### ***Ethelumoides* Ferrara & Taiti, 1989a**

Family: Eubelidae.

Type species: *Ethelumoides holthuisi* Ferrara & Taiti, 1989a (o, m).

Locality: Ivory coast: Mt. Pongui, Man, 1200m (♂ holotype, leg. C. L. Deeleman-Reinhold, 22.viii.1975, RNHL).

### ***Ethelomoris* Richardson, 1907a**

Family: Armadillidae.

Type species: *Ethelomoris parallelus* Richardson, 1907a (o, m).

Locality: Liberia, Mt. Coffee (only 1 specimen, leg. O. F. Cook, i-v.1893-1895, "type in the possession of Dr. O. F. Cook").

Synonym: *Ethelomorus* Richardson, 1907b.

Species: 2.

Distribution: Liberia, Cameroon, Fernando Poo Island.

Remarks: This genus was originally assigned to the family Eubelidae. Schmalfuss & Ferrara (1983) placed it in the family Armadillidae.

### ***Eubelum* Budde-Lund, 1885**

Family: Eubelidae.

Type species: *Eubelum lubricum* Budde-Lund, 1885 (m).

Localities: Southern Africa: Cabinda, "Chinchoxo" (numerous specimens, coll. Simon, and ZMB 5548); Angola, "Laudana" (5 ♂, 4 ♀, BMNH 1921.10:18:619-625 and 1956:10:10:199-200); West Africa (ZMB 10602); locality unknown (ZMB 10606 + slides 3799-3805); syntypes.

Species: 29.

Distribution: Congo, Cameroon, Ethiopia, Tanzania, South Africa.

*Euleptotrichus* Verhoeff, 1908

Synonym./subgenus of *Leptotrichus* Budde-Lund, 1885.

Type species: Not designated.

Species originally included:

1. *Porcellio naupliensis* Verhoeff, 1901c: Greece, Attika, Nauplia (several specimens), Patras (1 ♀), Kephisia (1 ♀), (1 ♂, 1 ♀, 1 juv., leg. Verhoeff, BMNH 1901:9:19:60-61, syntypes).

2. *Porcellio syrensis* Verhoeff, 1902: Greece, Syra Is. (number of specimens not indicated; leg. Leonis).

3. *Porcellio panzerii* Audouin & Savigny, 1926: Egypt (no further details).

4. *Leptotrichus tauricus* Budde-Lund, 1885: Krym, Sebastopol.

Remarks: Verhoeff (1908) introduced this name as "*Euleptotrichus* m.", which would mean that he had introduced it before. We could not find any earlier citation of that name. Brian (1932) referred to "*Euleptotrichus panzeri*".

*Euphiloscia* Packard, 1873

Synonym of *Ligidium* Brandt, 1833.

Type species: *Euphiloscia elrodii* Packard, 1873 (m).

Locality: USA, Indiana, "cave near Orleans" (2 specimens).

Remarks: *Euphiloscia* was reduced to a synonym of *Ligidium* by Richardson (1905).

*Euporcellio* Verhoeff, 1907b

Subgenus of *Porcellio*.

Type species: Not designated.

Remarks: Verhoeff (1907b) gave a key to the subgenera of *Porcellio*, one of which was "*Euporcellio* m.". This would suggest that he had already introduced this name. We did not find any earlier citation. Verhoeff (1907b) included 54 species, which cannot be listed here. These species currently belong to the genera *Trachelipus* and *Porcellio*.

*Euroniscus* Vandel, 1973

Subgenus of *Styloniscus* Dana, 1853.

Type species: *Trichoniscus commensalis* Chilton, 1910.

Localities: New Zealand, North Island, New Plymouth and Mount Egmont, in nests of *Amblyopone cephalota* and *Huberia striata* (leg. W.W. Smith); Rai Valley, in nests of ants (leg. J. Mac Mahon).

Remarks: Vandel (1973) seems to have seen material from Australia, but neither the type specimens nor other specimens from the type locality.

*Eurygaster* Vandel, 1973

Unavailable name (ICZN Art. 13.3).

### ***Eurygaster* Green, 1990**

Family: Philosciidae.

Type species: *Eurygaster montanus* Vandel, 1973 (designated by Green 1990).

Locality: Australia: New South Wales, Carrai Plateau, under log (1 ♂, leg. C. Carter, vii.1971).

Species: 2.

*Euryligia* Verhoeff, 1926a

Subgenus of *Ligia* Fabricius, 1798.

Type species: *Euryligia latissima* Verhoeff, 1926 (m).

Locality: New Caledonia, Canala Mt., 800-1000 m, under palm leaf litter (> 50 specimens, leg. Sarasin & Roux, 04.xi.1911; 1 ♂ and 1 ♀ syntypes, BMNH 1928:7:4:21-22).

Remarks: Described as a separate genus. Jackson (1941) reduced it to a synonym of *Ligia*.

***Exalloniscus Stebbing, 1911***

Family: Incertae sedis.

Type species: *Alloniscus coecus* Dollfus, 1898 sensu Stebbing, 1911 (m).

Localities: Java, Sumatra (Stebbing's specimens: India, Maddathorai, Travancore, leg. Annandale).

Synonym: *Kisuma* Budde-Lund, 1912.

Species: 20.

Distribution: Sri Lanka, West Malaysia, East Malaysia, Thailand, Vietnam, China.

Remarks: Stebbing (1911) had not examined the specimens described by Dollfus (1898).

Literature: Taiti & Ferrara (1988) revised the species of the genus and described and figured 16 species.

*Exzaes* Barnard, 1932

Unavailable name (ICZN art. 13.3); Family: Scleropactidae?

Type species: Not designated.

Species originally included:

1. *Exzaes bicolor* Barnard, 1932: South Africa, Cape Province, River Zonder End Mts., Oudebosch Forest (50 ♀, 2 juveniles, syntypes, leg. K. H. Barnard, BMNH 1933:1: 25:292-301, probably more specimens in SAMC?).
2. *Exzaes sylvatica* Barnard, 1932: South Africa, Cape Province, George Forest (2 ♀ syntypes, leg. K. H. Barnard, BMNH 1933:1:25:287-291; probably more specimens in SAMC?).

Species: 2.

Distribution: South Africa, Cape Province.

***Fakoanum Paulian de Félice, 1941***

Family: Incertae sedis.

Type species: *Fakoanum agauriae* Paulian de Félice, 1941 (m).

Locality: Mt. Cameroon, "sous les écorces d'Agauria morts sur pied, 2800-3000 m" (Paulian de Félice, 1941).

*Fakoniscus* Paulian de Félice, 1940a

Subgenus of *Trichoniscus* Brandt, 1833.

Type species: *Trichoniscus (Fakoniscus) pterydicola* Paulian de Félice, 1940a (m).

Locality: Mt. Cameroon, 1300-1500 m, in decaying logs of tree ferns.

Remarks: Described as subgenus of *Trichoniscus*.

***Feadillo Schmalfuss & Ferrara, 1983***

Family: Armadillidae.

Type species: *Feadillo principensis* Schmalfuss & Ferrara, 1983 (o).

Locality: Principe Island, Roça Infante Don Henrique, 100-300 m (♂ holotype and 37 specimens, leg. L. Fea, i.-iii.1901, MG).

Species: 2.

Distribution: Principe, São Tomé.

***Filippinodillo Schmalfuss, 1987***

Family: Armadillidae.

Type species: *Filippinodillo maculatus* Schmalfuss, 1987 (o, m).

Locality: Philippines, Cebu island, Mactan, rocky sea-shore (♀ holotype, leg. Storch, iii.1982; SMNS no. T208).

***Finaloniscus Brian, 1951b***

Family: Trichoniscidae.

Type species. *Marioniscus franciscoi* Brian, 1951a(m).

Locality: Italy: Liguria occidentale, Rio Ponci, Finalpia, Cave "Arma de fate N. 33 Li" (6 ♂, 6 ♀, leg. Franciscolo, 23.iv.1950).

Synonym: *Marioniscus* Brian, 1951a.

Species: 2.

Distribution: Liguria, Corsica.

Remarks: Brian (1951b) replaced the name *Marioniscus* Brian, 1951a, because this was preoccupied by *Marioniscus* Barnard, 1932.

***Floridoscia Schultz & Johnson, 1984***

Family: Philosciidae.

Type species: *Floridoscia fusca* Schultz & Johnson, 1984 (m).

Locality: Southern Florida, Crandon Beach, Key Biscane (♂ holotype, USNM 210496, allotype ♀ USNM 210497, paratypes 3 ♂, 2 ♀ USNM 210498).

***Formosillo Verhoeff, 1928b***

Family: Armadillidae.

Type species: *Formosillo zimmeri* Verhoeff, 1928b(m).

Locality: Taiwan, "Hoozon" [Huisun] (3 ♀, leg. H. Sauter, 10.i.1907/09, ZMB 21466); "Kankan" (2 ♂, leg. H. Sauter, 09.vii.1907/09, ZMB 21467).

*Formosocia* Verhoeff, 1928b

Synonym of *Burmoniscus* Collinge, 1914.

Type species: *Formosocia ocellata* Verhoeff, 1928b (m).

Localities: Taiwan: "Kankan"(2 ♀, 1 ♂, leg. H. Sauter, vii.1909); "Kosempo" [Jiaxianzhuang, village near Kaohsi-

ung] (2 ♂, 5 ♀, leg. H. Sauter, viii.1909, ZMB 21463); "Akau" [Pingtung?] (leg. H. Sauter, 01-10.xii.1907, ZMB 21462) and "Takau" [Kaohsiung] (leg. H. Sauter, 24.xi.1907, ZMB 21464, 21465) the latter two samples with 30 specimens together; Taiwan (1 ♀, BMNH 1928: 7:4:9). all specimens are syntypes.

Remarks: Taiti & Ferrara (1986) reduced *Formoscia* to a synonym of *Burmoniscus*.

### **Fossoniscus Strouhal, 1965**

Family: Porcellionidae.

Type species: *Fossoniscus nubicus* Strouhal, 1965 (o,m).

Localities: Sudan, Nile oasis near Wadi Halfa [21°55'N, 31°20'E] (♂ holotype and 1 ♀ paratype, leg. Nubien-Expedition, 29.i.1962, NHMW); same locality (2 ♂, 4 ♀, leg. Nubien-Expedition, 20.i.1962); edge of the oasis (1 ♂, 1 ♀, leg. Nubien-Expedition, 25.i.1962, NHMW).

### **Gabunillo Schmalfuss & Ferrara, 1983**

Family: Armadillidae.

Type species: *Gabunillo coecus* Schmalfuss & Ferrara, 1983 (o,m).

Localities: Gabon, Lastourville, Grotte de Pahau (♂ holotype and 179 specimens, leg. V. Aellen and P. Strinati, 6.viii.1957, MHNG); Grotte de N'Doumbou, Lastourville (92 specimens, leg. V. Aellen and P. Strinati, 4.viii.1957, MHNG).

### **Gabunoscia Schmalfuss & Ferrara, 1978**

Family: Philosciidae.

Type species: *Gabunoscia feai* Schmalfuss & Ferrara, 1978 (m).

Locality: Gabon, Lambarené (1 ♂, leg. Fea, 1902, MG).

*Gedania* Budde-Lund, 1912

Synonym of *Trichorhina* Budde-Lund, 1908b.

Type species: *Alloniscus tomentosus* Budde-Lund, 1893 (designated by Van Name 1936).

Locality: Venezuela, Las Trincheras (♀ holotype, leg. Meinert, xii.1891, ZMUC CRU-419).

Remarks: Budde-Lund (1912) instituted this genus instituted for *Alloniscus papillosus* Budde-Lund, 1893 and *Alloniscus ambiguus* Budde-Lund, 1893. Both species were included in *Trichorhina* by Van Name (1936).

### **Gelsana Budde-Lund, 1910**

Family: Eubelidae.

Type species: *Gelsana abnormis* Budde-Lund, 1910 (m).

Locality: Kilimanjaro (1 ♂, 2 ♀, syntypes, BMNH 1921:10:18:790-792), (5 syntypes, NHRS 5838, after Jeppesen 2000).

*Geoligia* Dollfus, 1893b

Subgenus of *Ligia* Fabricius, 1798.

Type species: *Geoligia simoni* Dollfus, 1893b (m).

Locality: Venezuela, Cumbre de Valencia, 1200 m, moist forest (♂ holotype, leg. Simon, i.1888, MNHN-Is4918).

Remarks: Described as a distinct genus, reduced to a subgenus of *Ligia* by Jackson (1922).

*Gephyroniscus* Verhoeff, 1949b

Subgenus of *Porcellionides* Miers, 1878.

Type species: *Metoponorthus (Gephyroniscus) divergens* Verhoeff, 1949b (o, m).

Locality: Turkey, Cilicia, Adana (1 ♂, 4 ♀, leg. C. Kosswig, 1942?).

Remarks: Described as subgenus of *Metoponorthus* Budde-Lund, 1885, which is a synonym of *Porcellionides*.

### **Gerufa Budde-Lund, 1909**

Family: Platyarthridae.

Type species: *Gerufa hirticornis* Budde-Lund, 1909 (m).

Locality: South Africa: Cape Flats (some ♀ specimens, leg. Schultze, 2 ♀ syntypes BMNH 1921:10:18:1468-1469) (5 syntypes, ZMB 12618).

Species: 4.

Distribution: South Africa, Cape Province.

Remarks: Described as subgenus of *Porcellio*.

### **Gerutha Budde-Lund in Lönnberg & Budde-Lund, 1912**

Family: Eubelidae.

Type species: Not designated.

Species originally included:

1. *Eubelum pila* Budde-Lund, 1898: Locality, Runsoro, 2600 m, in a bamboo forest (1 ♂, 2 ♀, leg. Stuhlmann, 09.vi.1891, BMNH 1921:10:18:724-725).

2. *Gerutha laevis* Budde-Lund, 1912: "British East Africa, Escarpment station" (2 syntypes, leg. Lönnberg, 11.i.1911, BMNH 1921:10:18:717-718); same data? (4 syntypes, NHRS 2126).

Species: 6?

Distribution: Congo, Ethiopia, Congo, Kenya.

Remarks: Budde-Lund (1912) gave a diagnosis of the genus *Gerutha*, followed by a dichotomous key. In this key, *Gerutha pila* and 4

other species are mentioned, but only for one of the new species is a description given. Thus, only 2 species can be considered as originally included.

**Globarmadillo Richardson, 1910a**

Family: Scleropactidae?

Type species: *Globarmadillo armatus* Richardson, 1910a (o, m).

Locality: Guatemala: Trece Aguas (2 specimens, leg. O. F. Cook; USNM40082).

Remarks: Considered as subgenus of *Synarmadillo* Dollfus, 1892, by Arcangeli (1927).

*Glomerulus* Budde-Lund, 1909

Synonym of *Cubaris* Brandt, 1833.

Type species: *Armadillo microps* Budde-Lund, 1904 (m).

Localities: Borneo, Telang (leg. Grabowski, not in ZMB, probably lost); New Holland (= Australia, Queensland, Peak Downs (not in ZMH); Australia, Queensland, Peak Downs (2 ♂ and 1 ♀, BMNH 1921:10:18:1181-1183, syntypes).

Remarks: Budde-Lund (1904) divided the genus *Armadillo* into 7 groups; Budde-Lund (1909) considered them as subgenera. The "Sektio III" received the name *Glomerulus*. It was reduced to a synonym of *Cubaris* by Taiti et al. (1998).

**Graeconiscus Strouhal, 1940**

Family: Trichoniscidae.

Type species: *Cyphoniscellus (Calconiscellus) tricornis* Strouhal, 1936 (o, m).

Locality: Greece: Kerkira, Gastouri (♂ holotype, leg. M. Beier, 02.iv.1929, NHMW?).

Synonym: *Epironiscellus* Strouhal, 1954.

Species: 4.

Distribution: Greece, Giura, Kerkira, Epirus.

Remarks: Strouhal (1940) mentioned the name *Graeconiscus tricornis* in a key. In the text preceding this key (p. 15), the name is introduced as "nov. gen."

*Guineodillo* Verhoeff, 1942f

Unavailable name (ICZN Art. 13.3); Family: Eubelidae.

Type species: Not designated.

Species included:

1. *Guineodillo ubangius* Verhoeff, 1942f: Congo: Ubangi district, Duma (leg. A. Schubatz, 28.ix.1910, ZMH 23481).
2. *Guineodillo habetatus* Verhoeff, 1942f: Guinea: Muni River, Koko beach, 20 km "above" Eloby (leg. C. Manger, ZMH 23249).
3. *Guineodillo munganus* Verhoeff, 1942f: Cameroon: Mungo River, near Mundama (leg. R. Rolsde, ZMH 23114).

*Gymnoderma* Budde-Lund, 1908b

Subgenus of *Porcellio* Latreille, 1804.

Type species: *Porcellio laevis* Latreille, 1804 (o).

Locality: "Under stones".

Remarks: Instituted as a subgenus of *Porcellio* Latreille, 1804. Vandel (1951, 1955) referred to it as *Porcellio* "groupe nord-africain" or "groupe laevis".

*Haloarmadillidium* Arcangeli, 1929a

Synonym of *Armadillidium* Brandt in Brandt & Ratzeburg, [1831].

Type species: *Haloarmadillidium dudichi* Arcangeli, 1929a (m) (synonym of *Armadillidium album* Dollfus, 1887).

Locality: Italy, Campania, Pesto, sandy beach (12 ♂, 4 ♀, leg. Dudich, 08.iii.1925).

Remarks: *Haloarmadillidium dudichi* was reduced to a synonym of *Armadillidium album* by Vandel (1960).

**Haloniscus Chilton, 1920**

Family: Incertae sedis.

Type species: *Haloniscus searlei* Chilton, 1920.

Locality: Australia: Victoria: Lake Corangamite, in salt water (1 specimen, leg. W. A. Howel) (8 specimens, leg. J. Searle, iii-iv.1918).

Species: 5.

Distribution: Southern part of Australia, Tasmania, New Caledonia.

Literature: Review and key to species (Taiti & Humphreys 2001).

**Halophiloscia Verhoeff, 1908c**

Family: Halophilosciidae.

Type species: *Philoscia couchii* Kinahan, 1858 (o).

Locality: England, Cornwall, Talland Cove, under stones and decaying seaweed.

Species: 6 or 7.

Distribution: Mediterranean, Crimea, Bermuda, Canary Islands, USA, Argentina.

Remarks: Arcangeli (1929) considered *Halophiloscia* as synonym of *Philoscia*, but this has not been followed by subsequent authors.

*Haloporcellio* Verhoeff, 1917b

Synonym of *Burrana* Budde-Lund, 1908.

Type species: Not designated.

Species originally included:

1. *Porcellio echinatus* Lucas, 1849 (as *P. echinatus* B. L.): Algeria, near Oran.
2. *Haloporcellio penicilliger* Verhoeff, 1917b: Palaestina, Rehobot near Jaffa (♂ holotype, leg. Aharoni, BMNH 1921:6:10:78).
3. *Porcellio moebiusi* Verhoeff, 1901a: Dalmatia, Ombla banks near Ragusa (2 ♀ syntypes, BMNH 1901:9:19:95-96).

4. *Porcellio lamellatus* Budde-Lund, 1885: Algeria, "Bona" (9 syntypes, leg. Meinert, ZMUC CRU-1647); same data (1 syntype, ZMB 6636).

5. *Porcellio gerstaeckeri* Verhoeff, 1908d: Sicilia, Ognina near Catania, under pieces of lava (1 ♂, 1 ♀, leg. Verhoeff, 7.iv.1908).

Other species: 1.

Distribution: Italy, Yugoslavia, Israel.

Remarks: Verhoeff (1917b) split the subgenus *Nasigerio* of *Porcellio* into *Nasigerio* s. str. and *Haloporcellio*. As explained above, the name *Burrana* Budde-Lund, 1908b is considered to have priority over *Haloporcellio*. However, all subsequent authors used the latter name. Budde-Lund (1885) cited the species *Porcellio lamellatus* Uljanin, but Uljanin did not describe a species under this name. Therefore, Budde-Lund has to be regarded as author and the specimens from Algeria examined by him are the syntypes.

### ***Hanoniscus* Budde-Lund, 1912**

Family: Oniscidae.

Type species: *Hanoniscus tuberculatus* Budde-Lund, 1912 (m).

Localities: Australia, stat. 106, South Perth; stat. 123, Cannington; stat. 135, York; W. Australia (1 ♂, 3 ♀, BMNH 1921:10:18:5735-5738, syntypes); Western Australia (2 ♂, 1 ♀ syntypes, leg. Michaelsen & Hartmeyer, 10.v. or 5.x.1905, ZMB 16790).

Species: 6.

Distribution: Australia.

Remarks: Described as a subgenus of *Phalloniscus* Budde-Lund, 1908 b, elevated to generic rank by Vandel (1973).

### ***Haplarmadillo* Dollfus, 1896a**

Family: Armadillidae.

Type species: *Haplarmadillo monocellatus* Dollfus, 1896a (m).

Locality: St. Vincent: Richmond valley, 340 m, under rotting leaves (♀ holotype, leg. H. H. Smith, 18.i.1889–1891, BMNH 1896:1:11:25).

Remarks: Subgenus of *Synarmadillo* Dollfus, 1892 (after Arcangeli 1927).

*Haplophiloscia* Schultz, 1973

Synonym of *Papuaphiloscia* Vandel, 1970.

Type species: *Haplophiloscia laevis* Schultz, 1973 (m).

Locality: Hawaii: Kaumana, Kaumana Cave, dark zone on rock 100 m in cave, 290 m altitude (♀ holotype and 2 ♀ paratypes, leg. Howarth, 27.vii.1971, BPBM S8041 and 00289).

Remarks: Reduced to a synonym of *Papuaphiloscia* by Taiti & Ferrara (1991).

### ***Haplophthalmus* Schöbl, 1860a**

Family: Trichoniscidae.

Type species: *Haplophthalmus elegans* Schöbl, 1860a (m) (synonym of *Itea mengii* Zaddach, 1844).

Locality: St. Ivan, near Karlstein [probably Czech Republic, Karlstein, 49°56'N, 14°11'E].

Species: 55.

Distribution: Mediterranean, introduced to Tasmania and North America.

### ***Hawaiiodillo* Verhoeff, 1926a**

Family: Armadillidae.

Type species: *Armadillo perkinsi* Dollfus, 1900 (designated by Jackson 1941).

Locality: Hawaii: Maui, Haleakala, 1500 m (♂ holotype, leg. Perkins, iv.1894, BMNH 1904:11:5:10).

Species: 3.

Distribution: Hawaii, Maui and Kauai.

Remarks: Verhoeff (1926a) founded the genus on 3 species. The name appeared only in a key. Jackson (1941) mentioned *Armadillo perkinsi* as type species.

### ***Hawaiioscia* Schultz, 1973**

Family: Philosciidae.

Type species: *Hawaiioscia parvituberculata* Schultz, 1973 (m).

Locality: Hawaii, Maui island, La Perouse Bay, Keoneio Kalua O Lapa Cave, dark zone on ceiling near drip point, 120 m (♂ holotype and 1 ♂ paratype, leg. Gagné & Howarth, 11.xii.1971, BPBMS8042 and 00449).

### ***Hekelus* Barnard, 1932**

Family: Incertae sedis.

Type species: *Hekelus episinus* Barnard, 1932 (m).

Locality: South Africa: Table Mountain, Kalk Bay Mountain, Nordhoek forest, 150 m (3 ♂, 14 ♀, 13 juveniles, leg. K. H. Barnard, BMNH 1933:1:25:278-286, syntypes; probably more specimens in SAMC?).

### ***Helenoniscus* Legrand, 1943**

Family: Trichoniscidae, Haplophthalminae.

Type species: *Helenoniscus prenanti* Legrand, 1943 (o, m).

Locality: France, Lot, Villeneuve-sur-Lot (1 ♂, 1 ♀).

Remarks: This genus was described in a paper that appeared in two parts with different publication dates; the date of the second part, 1943 is the correct publication year (not 1942).

*Helenoscia* Vandel, 1977c

Synonym of *Littorophiloscia* Hatch, 1947.

Type species: *Helenoscia alticola* Vandel, 1977c (m).

Localities: St. Helena, Diana's Peak, beaten from fern fronds (leg. C. R. Wallace, 27.vi.1959); Central Ridge, Mt. Actaeon, 790-820 m (16.xi.1965, 8.xii.1965, 11.xii.1965, 17.xii.1965, 5-8.i.1966); High Central Ridge, 700-790 m (ii.1967); High Peak, dead trunk of *Dickinsonia*, 730-850 m (23-27.ii.1967); Sandy Bay Beach (11.i.1966); holotype in MRAC.

Remarks: Vandel (1977c) wrote that the holotype is in MRAC, but he did not indicate which of the specimens is the holotype. Reduced to a synonym of *Littorophiloscia* by Taiti & Ferrara (1986).

*Hellenonethes* Frankenberger, 1939a

Synonym of *Alpioniscus* Racovitza, 1908.

Type species: *Hellenonethes vej dovskiyi* Frankenberger, 1939a (m).

Locality: Greece; in caves near Naoussa (N Greece) (numerous specimens, leg. Maran & Taborsky, 1937/38; National Museum Prague).

Remarks: Reduced to a synonym of *Alpioniscus* by Tabacaru (1993b).

### ***Helleria* von Ebner, 1868**

Family: Tylidae.

Type species: *Helleria brevicornis* von Ebner, 1868(m).

Synonyms: *Syntomagaster* Costa, 1882; *Syngastron* Costa, 1883; *Syspastus* Budde-Lund, 1879.

Locality: Corsica, near Ajaccio (3 ♂, leg. J. Mann, NHMW?).

Distribution: Italy, Elba, Corsica, Sardinia, southern France.

### ***Hemilepistoides* Borutzky, 1945**

Family: Trachelipodidae.

Type species: *Hemilepistoides messerianus* Borutzky, 1945 (o, m).

Locality: Turkmenia, between Kysyl-Atrek and Karadegish, under stones (♂ holotype, 1 ♀ paratype, leg. Borutzky, 12.iii.1942, ZMMU 833).

### ***Hemilepistus* Budde-Lund, 1879**

Family: Trachelipodidae.

Type species: *Porcellio klugii* Brandt, 1833 (designated by Budde-Lund 1908b).

Locality: Caucasus (no specimens are in the Brandt collection, ZMB, most probably they are lost).

Synonym: *Paraniambia* Collinge, 1914.

Species: 18.

Distributon: Algeria, Tunisia, Libya, Egypt, Israel, Syria, Iran, Pakistan, Turkmenia.

Remarks: Budde-Lund (1879) listed the name "*Hemilepistus* n. g." with 7 species included. Since 6 of them were already described by other authors and cited with their authors' names, *Hemilepistus* Budde-Lund, 1879 is not a nomen nudum. According to ICZN Art. 12.2.5 the mentioning of these names serves as "indication".

Literature: Lincoln (1970) reviewed the species of the subgenus *Hemilepistus* s. str. and gave a key to species (9, one of them new). Unfortunately, male pleopod characters are not considered in the diagnoses. Borutzky (1945) gave a key to all species known at that time from the USSR, including 8 species assigned to the subgenus *Desertellio*. Borutzky (1958) provided a key to 10 species of the subgenus *Hemilepistus*.

*Heminagara* Jackson, 1933a

Synonym of *Nagurus* Holthuis, 1949.

Type species: *Porcellio (Heminagara) tahitiensis* Jackson, 1933 (o, m).

Locality: Tahiti, Fautaua Valley, 230 m (1 ♂, leg. Adamson, BPBM).

Remarks: Dalens (1988) included the type species in the genus *Nagurus*, without any comment. This means that he reduced *Heminagara* to a synonym of *Nagurus*.

*Hemiporcellio* Collinge, 1915b

Synonym of *Agnara* Budde-Lund, 1908b.

Type species: *Hemiporcellio carinatus* Collinge, 1915b (o).

Locality: India: "under stones and dead water weeds at edge of Chilka Lake, Rambha, Ganjam, Madras Pres." (leg. An-nandale, 27.xii.1913, ZSIC 8692/10 [in original description as "type in the collection of the Indian Museum", with number cited here], 1 paratype ♀ BMNH 1919:4:26: 458).

Remarks: The type species is *Hemiporcellio carinatus* Collinge, 1915b, because according to ICZN Art. 68.2.1 the use of "gen. et sp. nov." is equivalent to the designation of a type species. Collinge (1915b) also included *H. hispidus* Collinge, 1915b and *Porcellio immsi* Collinge,

1914c. Ferrara & Argano (1989) reduced *Hemiporcellio* to a synonym of *Agnara*.

### ***Heroldia* Verhoeff, 1926a**

Family: Philosciidae.

Type species: Not designated.

Species originally included:

1. *Heroldia digitifera* Verhoeff, 1926a: New Caledonia, on top of Humboldt Mt., 1600 m (1 ♂, 1 ♀, leg. Sarasin & Roux, 18.ix.1911).
2. *Heroldia reticulata* Verhoeff, 1926a: New Caledonia, Ignambi Mt., 1300 m (several poorly preserved specimens, leg. Sarasin & Roux, 15.iv.1911).
3. *Heroldia humboldti* Verhoeff, 1926a: New Caledonia, top of Humboldt Mt., 1600 m (7 specimens, leg. Sarasin & Roux, 18.ix.1911).
4. *Heroldia canalensis* Verhoeff, 1926a: New Caledonia, Panié Mt., 500 m (several specimens, leg. Sarasin & Roux, 27.vi.1911); Canala Mt., 800 m (2 ♀, leg. Sarasin & Roux, 4.xi.1911).
5. *Heroldia appressa* Verhoeff, 1926a: New Caledonia, Tchalabel (1 ♀, leg. Sarasin & Roux, 5.v.1911); Hienghiène (1 ♀ with marsupium, leg. Sarasin & Roux, 5.vi.1911).
6. *Heroldia monticola* Verhoeff, 1926a: New Caledonia, Ignambi Mt., 600-900 m, forest (3 ♀ with marsupium, v.1911 and several further specimens, ix.1911, leg. Sarasin & Roux).

*Hesca* Budde-Lund, 1908b

Nomen dubium.

Type species: Not designated.

Species originally included:

1. *Philougria nitida* Miers, 1878: Peru or Guiana (6 ♀ syntypes, BMNH 1879:21).
2. *Philoscia debilis* Budde-Lund, 1893: Venezuela: Caracas, La Moka (4 ♀ syntypes, leg. F. Meinert, viii.1891, BMNH 1921:10:18:2236-2239), St. Estéban.

Remarks: Budde-Lund (1908) united the South American species *Philoscia nitida* and *Philoscia debilis* in the subgenus *Hesca* (genus *Philoscia*). Van Name (1936) and Vandel (1952) reported that *Hesca* is identical with *Ischioscia* Verhoeff, 1928, but despite the priority of *Hesca* they preferred to maintain Verhoeff's name, because the latter was accompanied by a description. Their opinion, despite being contrary to the ICZN, had been adopted by apparently all subsequent authors. Since there are female specimens only, the identity of the species can not be stated with certainty, and the names of both species and, in consequence, also the genus name, can be regarded as nomina dubia. Schmalzfuss (1980a) pointed out that

*Hesca* cannot be taken as a senior synonym of *Ischioscia*, because the two species are not identifiable.

### ***Hiallelgon* Paulian de Félice, 1945**

Family: Eubelidae.

Type species: *Hiallelgon jeanneli* Paulian de Félice, 1945 (m).

Localities: Kenya, Mt. Elgon, Camp III, st. 18, alpine zone 3500 m (leg. R. Jeannel, 3.i.1933); Camp IV, in the crater, 4000 m (leg. R. Jeannel, 7.i.1933).

### ***Hiallides* Richardson, 1909**

Family: Eubelidae.

Type species: *Hiallides minutus* Richardson, 1909 (o, m).

Locality: Southern Ethiopia, near Ourbon (MNHN).

### ***Hiallum* Budde-Lund, 1899**

Family: Eubelidae.

Type species: *Eubelum hilgendorfi* Budde-Lund, 1898 (m).

Locality: East Africa: Runsororo, "Bamboo forest" (1 ♂, 1 ♀ syntypes, leg. Stuhlmann & E. Pasha, 9-13.vi.1891, BMNH 1921:10:18:796-770); East Africa (3 syntypes, ZMB 9658 + slides 3795-98).

Species: 3.

Distribution: Cameroon, Kenya.

Remarks: Budde-Lund (1899) did not indicate the name *Hiallum* as new.

*Hiatoniscus* Barnard, 1932

Unavailable name (ICZN Art. 13.3).

Family: Incertae sedis.

Type species: Not designated.

Species: 2.

1. *Hiatoniscus griseus* Barnard, 1932: South Africa: Cape Province: Table Mountain (29 ♂, 28 ♀ and juveniles, BMNH 1933:1:25:234-245, syntypes).
2. *Hiatoniscus contractus* Barnard, 1932: South Africa: Cape Prov.: Swellendam, Langeberg Mts., Riversdale (4 ♂ and 3 ♀, leg. K.H. Barnard, BMNH 1933:1:25:246-249, syntypes).

*Hileioniscus* Lemos de Castro, 1967

Synonym of *Dubioniscus* Vandel, 1963.

Type species: *Hileioniscus goeldii* Lemos de Castro, 1967 (m).

Locality: Brazil: Pará: Belém, Parque do Museo Goeldi, under plant detritus in humid soil (12 ♂, 6 ♀, leg. Arlé & Schubart, iii-iv.1965).

Remarks: Lemos de Castro (1968) reduced *Hileioniscus* to



a synonym of *Calycuoniscus* Collinge, 1915. Schultz (1995) reduced *Hileioniscus* to a synonym of *Dubioniscus*.

*Hirtiligia* Van Name, 1936

Subgenus of *Ligia* Fabricius, 1798.

Type species: *Ligia baudiniana* Milne-Edwards, 1840 (o, m).

Locality: Mexico, around San Juan de Ulloa.

Remarks: Van Name (1936) wrote that "Verhoeff (1926)" had used the name *Ligyda* for a section to which *L. baudiniana* belongs. because *Ligyda* is a synonym of *Ligia*, he regarded *Ligyda* as "not available as a subgeneric name". Then he created the name *Hirtiligia* for this subgenus and designated *Ligia baudiniana* as type species. Verhoeff (1926a) did not define a section in which he placed *L. baudiniana*, nor did the name *Ligyda* appear in his paper.

### ***Hoctunus* Mulaik, 1960**

Family: Philosciidae?

Type species: *Hoctunus vespertilio* Mulaik, 1960 (o, m).

Locality: Mexico, Yukatan: Cueva de Hoctun (♂ holotype, 1 ♂, 1 ♀ paratypes, leg. B. F. Osorio Tafall, specimens in Escuela Nacional de Ciencias biológicas en Mexico, D. F.).

### ***Hondoniscus* Vandel, 1968**

Family: "Trichoniscidae".

Type species: *Hondoniscus kitakamiensis* Vandel, 1968 (m).

Locality: Japan: Honshu: Iwate prefecture, Imaizumi-cho, Kitakami Mts., "Ryusen-do" cave (1 ♂, 1 ovigerous ♀, leg. Ueno, 26.vii.1968).

Species: 2.

Distribution: Japan.

### ***Hora* Barnard, 1932**

Family: Incertae sedis.

Type species: *Hora damae* Barnard, 1932 (m).

Locality: South Africa, Cape Province, Swellendam, Langeberg Range, 1070-1220 m (2 ♂ and 1 ♀ syntypes, leg. K. Barnard, 1925, BMNH 1933:1:25:60-62).

### ***Huntonia* Vandel, 1973**

Family: Philosciidae.

Type species: *Huntonia montana* Vandel, 1973 (m).

Locality: Australia: at crossing of Jacobs River by Buchan-Jindabyne Road. Under wood (leg. G. Hunt, 07.iii.1970).

*Hybodillo* Herold, 1932

Unavailable name (ICZN Art. 13.3).

### ***Hybodillo* Taiti, Paoli & Ferrara, 1998**

Family: Armadillidae.

Type species: *Hybodillo colocasiae* Herold, 1932 (designated by Taiti, Paoli & Ferrara 1998).

Locality: W Java, Gedeh, Tjiböröm waterfalls, 1700 m, in Colocasia (1 ♂, 5 ♀, leg. Thienemann).

Species: 7.

Distribution: Java, Sumatra, Bismarck Archipelago, Japan.

Remarks: Herold (1932) introduced *Hybodillo* with 2 species included, without indicating a type species.

### ***Hyloniscus* Verhoeff, 1908d**

Family: Trichoniscidae.

Type species: *Itea riparia* C. L. Koch, 1841b (o).

Locality: Unknown, probably in or near Regensburg (Germany).

Species: 27 (after Tabacaru 1996).

Distribution: Central, southern, south-eastern Europe, eastern North America, Japan.

Remarks: Verhoeff (1908d) mentioned as type species "*Hyloniscus vividus* C. K. (= *germanicus* Verh.)". Gruner (1966) in the synonymy list of *Hyloniscus riparius* listed *Hyloniscus vividus* Verhoeff, 1908d as not conspecific with *Itea vivida* C. L. Koch, 1838, but with *Itea riparia* C. L. Koch, 1838, which means that Verhoeff misidentified the species. According to ICZN Art. 69.2.4 in such a case the type species is the actual species to which the author made reference, but under their correct name. Since Verhoeff's *Hyloniscus vividus* was a misidentification of *Itea riparia*, the latter is the type species.

*Hypergnathus* Richardson, 1905

Synonym of *Rhyscotus* Budde-Lund, 1885.

Type species: *Hypergnathus texensis* Richardson, 1905 (m).

Locality: Texas (leg. H. S. Barber, USNM 32075).

Remarks: Reduced to a synonym of *Rhyscotus* by Budde-Lund (1908b).

### ***Iberoniscus* Vandel, 1952**

Family: Trichoniscidae.

Type species: *Iberoniscus breuili* Vandel, 1952 (m).

Localities: Gibraltar: Cueva de San Miguel (Biospeologica no. 507) (4 ♂, 1 ♀, leg. Breuil, 06.iv.1912); same locality (9 ♂, 15 ♀, leg. T. R. Shaw, 06.iii.1951, BMNH 1951:3:30:7-26); Spain, Prov. Malaga, Cueva del Cerro de la Pileta (Biospeologica no. 508) (1 ♂, 2 ovigerous ♀, 1 ♀, leg. 15.iv.1912); Spain, Prov. Cadiz, Jerez de la Frontera, Cueva de las Motillas (Biospeologica no. 509) (1 ♀, leg. Breuil, 19.iv.1912); all syntypes.

*Iglesius* Costa, 1883

Synonym of *Platyarthrus* Brandt, 1833.

Type species: *Iglesius coccineus* Costa, 1883 (m).

Locality: Sardegna (no further information).

Remarks: Arcangeli (1950) reduced *Iglesius* to a synonym of *Platyarthrus*.

### ***Ignamba* Budde-Lund, 1910**

Family: Eubelidae.

Type species: Not designated.

Species originally included:

1. *Ignamba brevis* Budde-Lund, 1910: Kilimanjaro, 1700-2000 m (4 ♀ syntypes, leg. Y. Sjöstedt, BMNH 1921:10:18:778-770); same data? (4 syntypes, NHRS 5829).
2. *Ignamba microps* Budde-Lund, 1910: Kilimanjaro, 3000 m (7 ♀ syntypes, leg. Y. Sjöstedt, ii.1906, BMNH 1921.10:18:782-789); same data? (6 syntypes, NHRS 5820).

Species: 5.

Distribution: Tanzania, Malawi.

*Illyricosphaera* Verhoeff, 1933c

Synonym of *Paraschizidium* Verhoeff, 1919.

Type species: *Illyricosphaera subterranea* Verhoeff, 1933c (o, m).

Locality: West Istria, Madonna del Carso, "under large limestone plates on [red soil], beside the ground of a wall, near field with olive trees, 80 m altitude, rainfall" (2 ♂, 1 ♀, leg. K. Strasser, 26.iv.1933).

Remarks: Verhoeff (1933c) introduced the name *Illyricosphaera* for a subgenus of *Troglarmadillidium*. Karaman (1966) referred to it as a separate genus. Manicasteri & Taiti (1994) reduced *Illyricosphaera subterranea* to a synonym of *Paraschizidium coeculum* (Silvestri, 1897). Taiti & Ferrara (1996) included with certainty only the species *coeculum* and *olearum* sensu Vandel in *Paraschizidium*. In consequence, *Illyricosphaera subterranea* formally remains in this genus, but a further examination will show whether this can be maintained or whether *Illyricosphaera* will be regarded as a valid genus name or fall in the synonymy of another genus.

*Illyrionethes* Verhoeff, 1927c

Synonym of *Alpioniscus* Racovitza, 1908.

Type species: *Illyrionethes strasseri* Verhoeff, 1927c (m).

Locality: Istria, Mt. Spaccato, cave (several ♂, 1 ♀, 2 juv. leg.

K. Strasser, 03.iv.1927; 7 ♂ and 1 ♀ syntypes, BMNH

1928:7:4:55, 1939:5:26:76-79, 1937:7:6:132-135).

Species: 15 (after Tabacaru 1996).

Remarks: The genus *Illyrionethes* was introduced by Verhoeff (1927c), reduced to a synonym of *Alpioniscus* by Kesselyák (1930), again regarded as a distinct genus by Verhoeff (1931c) and Arcangeli (1940), and finally again reduced to a synonym of *Alpioniscus*, after Vandel (1950).

### ***Inchanga* Barnard, 1932**

Family: Incertae sedis.

Type species: *Inchanga natalensis* Barnard, 1932 (m).

Locality: South Africa: Natal: Inchanga (5 ♂, 11 ♀, leg. Barnard, 1917, BMNH 1933:1:25: 228-233, syntypes).

Species: 2.

Distribution: South Africa, Natal and Cape Province.

Remarks: Barnard (1932) described a new genus *Inchanga*, including the new species *natalensis* and another new species (*virgiliae*) that was only tentatively assigned to this genus. Therefore *natalensis* has to be regarded as type species by monotypy.

### ***Indoniscus* Vandel, 1952**

Family: Styloniscidae.

Type species: *Trichoniscus mauritiensis* sensu Vandel, 1952 (not Barnard, 1936) (m) (synonym of *Indoniscus vandeli* Barnard, 1958).

Locality: Mauritius, Les Mares and Botanical Garden, Curepipe (♂ and ovigerous ♀, leg. Lawrence, xii.1934-i.1935).

Remarks: Vandel (1952) introduced *Indoniscus* as subgenus of *Styloniscus*, and later elevated it to generic rank (Vandel 1973b). Taiti & Ferrara (1983) found that only the species *I. vandeli* can be retained in the genus; the 3 other species belong to *Styloniscus*.

### ***Irakoniscus* Vandel, 1980**

Family: Porcellionidae.

Type species: *Irakoniscus kosswigi* Vandel, 1980 (m).

Locality: Western Iraq: Haditha, in the Euphrates valley (several ♂ and ♀, leg. C. Kosswig, in MNHN?).

*Irmaos* Ferrara & Taiti, 1983

Unavailable name (ICZN Art. 13.3); Family: Scleropactidae?

Type species: Not designated.

Species originally included:

1. *Irmaos seychellarum* Ferrara & Taiti, 1983: Seychelles: Mahé, Centre, Morne Séchellois, 750-800 m, endemic forest (7 specimens, leg. Benoit & Van Mol, 13-17.vii.1972, MRAC 53658); Bon Espoir, 300 m (1 juv. leg. Benoit & Van Mol, 21.vi.1972, MRAC 54655); Morne Blanc, 667 m, endemic forest (7 specimens, leg. Benoit & Van Mol, 08-09.viii.1972, MRAC 53644); Silhouette, Mont Dauban, east slope, 600 m, endemic altitudinal forest (specimens, leg. Benoit & Van Mol, 05-07.vii.1972, MRAC 53677); Mare aux Cochons, 500 m, endemic forest (4 specimens, leg. Benoit & Van Mol, 02-08.vii.1972, MRAC 53685); syntypes.
2. *Irmaos lobatus* Ferrara & Taiti, 1983: Seychelles: Mahé, Centre, Morne Séchellois, 750-800 m, endemic forest (♂ holotype, leg. P. L. G. Benoit & J. J. Van Mol, 13-17.vii.1972, MRAC).

Remarks: Ferrara & Taiti (1983) described two species of the new genus *Irmaos* without designating a type species.

***Isabelloscia* Vandel, 1973**

Family: Philosciidae.

Type species: *Isabelloscia heroldi* Vandel, 1973 (o, m).

Localities: Salomon Archipelago: Santa Isabel Island: Lilihinials, 1000 ships Bay, forest litter (1 ♂, 5 ♀, 5 juv., leg. P. N. Lawrence, 20.ix.1965, BMNH 1970:427:9 and BMNH 1970:429:2); Santa Isabel Is., Tatamba, litter under Casuarina (2 ♂, 12 ♀, 6 juv., leg. P. N. Lawrence, 27.ix.1965, BMNH 1970:428:15); syntypes.

***Ischioscia* Verhoeff, 1928a**

Family: Philosciidae.

Type species: *Ischioscia lobifera* Verhoeff, 1928a (m) (synonym of *Philoscia variegata* Dollfus, 1893).

Localities: Venezuela (♂ lectotype, 1 ♀ paralectotype, leg. E. Simon, MNHN-Is3779); Caracas (15 ♂, 7 ♀ with marsupium, 4 ♀ paralectotypes, leg. E. Simon, i.1888, MNHN-Is3780); Corozaal, Petare, Cumbre de Valencia (preparations of a ♂ on 8 slides, paralectotype, leg. E. Simon, 1887/88, MNHN-Is3780); same data (1 ♂, 2 ♀ paralectotypes, MNHN-Is3781); Caracas (2 ♀, 1 ♀ with marsupium, paralectotypes, leg. E. Simon, MNHN-Is5776); La Cumbre de Valencia (1 ♂ and 1 ♀ with marsupium, paralectotypes, leg. E. Simon, i.1888, MNHN-Is5777).

Synonyms: ?*Hesca* Budde-Lund, 1908b; *Proischioscia* Vandel, 1968.

Species: 12.

Distribution: South America.

Remarks: See remarks under *Hesca*. Among the type specimens, the samples MNHN-Is3779 and MNHN-Is3781 could not be found in the respective museum; they are probably lost.

Literature: Schmalfuss (1980a) redescribed 6 previously known species and described 4 new species. Leistikow (1997, 1999b) described a further 4 new species, raising the number to 14. A key to species is not yet available.

*Italoarmadillidium* = misspelling of *Haloarmadillidium*.

***Italoniscus* Schmölzer, 1962**

Family: Trichoniscidae.

Type species: *Italoniscus paradoxus* Schmölzer, 1962 (o, m).

Locality: Italy, above the Lago di Albano, on the slope of Monte Cavo, 450 m, under a stone (1 ♂, leg. Dr. A. Bator, 06.iv.1952).

Remarks: The specimens were described by Schmölzer (1953) under the name "*Hapl-ophthalmus* spec."

*Itea* C. L. Koch, 1838

Status: Uncertain.

Type species: Not designated.

Remarks: Koch (1838) included two species, *Itea rosea* C. L. Koch, 1838 and *Itea riparia* C. L. Koch, 1838. *Itea rosea* C. L. Koch, 1838 was later made type species of *Androniscus* Verhoeff, 1908, *Itea riparia* C. L. Koch, 1838 was designated as type species of *Hyloniscus* Verhoeff, 1908. Given this situation, *Itea* is an older synonym of either *Androniscus* or *Hyloniscus* and, according to the ICZN, one of these names should fall into the synonymy of *Itea*. In spite of the priority of *Itea*, nearly all subsequent authors used *Androniscus* and *Hyloniscus* and the name *Itea* was completely abandoned. Furthermore, the name *Itea* has been used at least by Budde-Lund (1909) as a subgenus of *Titanethes*, with *Itea rosea* Koch and *Trichoniscus microps* Budde-Lund, 1906 included. He also seems to have regarded *Androniscus* as a synonym of *Itea*, since he wrote "Zu diesem Subgenus gehören wahrscheinlich die von Verhoeff unter dem Namen "*Androniscus*" beschriebenen *Trichoniscus*-Arten". In our opinion the widely used names *Androniscus* and *Hyloniscus* should be conserved. ICZN Art. 23.9.3 requires a decision of the International Commission on Zoological Nomenclature.

*Japanoniscus* Verhoeff, 1928a

Synonym of *Alloniscus* Dana, 1854.

Type species: *Japanoniscus balssi* Verhoeff, 1928a (m).  
 Locality: Japan, Aburatsubo near Misaki (numerous ♂ and ♀, leg. H. Sauter, 13.x.1904, ZMB 21650); same data (1 ♀, BMNH 1928:7:4:1); (probably other specimens in ZSM); syntypes.

Remarks: Recognized as synonym of *Alloniscus* by Arcangeli (1960).

### ***Javanoscia* Schultz, 1985**

Family: Philosciidae.

Type species: *Javanoscia elongata* Schultz, 1985 (o, m).

Locality: Java: Semuluh Cave (♂ holotype BMNH 1984:250, allotype ♀ BMNH 1984:251).

### ***Jimenezia* Vandel, 1973**

Family: Philosciidae.

Type species: *Jimenezia heteroclita* Vandel, 1973 (m).

Locality: Cuba, Prov. Oriente, Cueva de Majana, the entrance is near the village of Rio Miel, a few km E of Baracoa (♂ and ♀, leg. Expédition biospéologique cubano-roumaine, iii-vi.1969).

### ***Kamerunillo* Verhoeff, 1942e**

Family: Eubelidae.

Type species: *Kamerunillo sulcatus* Verhoeff, 1942e (m).

Locality: Cameroon: Buca (1? ♀, leg. C. Brigge, ZMH23247).

### ***Kameruthelum* Verhoeff, 1942e**

Family: Eubelidae.

Type species: *Kameruthelum styliifer* Verhoeff, 1942e (m).

Locality: North Cameroon, Esosung-Bakossi (1 ♂, leg. C. Rätke, ZMH23119).

### ***Katascaphius* Verhoeff, 1936a**

Family: Trichoniscidae.

Type species: *Katascaphius sturanus* Verhoeff, 1936a (m).

Locality: Alps, Valley below Ala di Stura, 950 m (1 ♀, leg. Verhoeff, 27.ix.1932).

*Kefalloniscus* Schmalzfuss, 1986b

Synonym of *Xeroporcellio* Strouhal, 1954.

Type species: *Kefalloniscus hauseri* Schmalzfuss, 1986b (o, m) (synonym of *Xeroporcellio pandazisi* Strouhal, 1954).

Locality: Greece, Kefallinia island, beside the road between

Sami and Argostoli (1 ♂ Holotype MHNG, Paratypes: 1 ♂, 8 ♀, 12 juv., MHNG, 2 ♂, 3 ♀, 2 juv. SMNS T207, leg. Hauser, 11.iv.1970); Kefallinia, Sami, above M. Agrilio (1 juv. paratype, leg. Hauser, 12.iv.1970).

Remarks: Recognised as a synonym of *Xeroporcellio* by Schmalzfuss (1995).

### ***Kenyoniscus* Schmölzer, 1974**

Family: Eubelidae.

Type species: *Kenyoniscus paradoxus* Schmölzer, 1974 (m).

Locality: Tanzania: Mt. Meru, western slope, near Olkokola, 2800 m (1 ♂, leg. Prof. Franz, 09.vi.1962).

### ***Kimberleydillo* Dalens, 1993a**

Family: Armadillidae.

Type species: *Kimberleydillo waldockae* Dalens, 1993a (o, m).

Locality: Western Australia: Kimberley, Tunnel Creek cave, 17°37'S, 12°09'E, dark zone on calcite extrusion (♀ holotype, WAM 128-91, 1 ♂ WAM 129-91 and 1 ♀ WAM 130-91, and 1 ♀ in Coll. Dalens, paratypes, leg. J. M. Waldock, 11.viii.1991).

*Kisuma* Budde-Lund, 1912

Synonym of *Exalloniscus* Stebbing, 1911.

Type species: *Kisuma papillosa* Budde-Lund, 1912 (m).

Locality: Java, Batavia [Jakarta] (2 specimens, ix.1908, RNHL I 713); Semarang (1 ♂, 1 ♀ syntypes, leg. E. Jacobsen, xii.1909, BMNH 1921:10:18:5139-5140).

Remarks: In the original description the new species was introduced with "sp. nov." without any hint that the genus also was new.

### ***Kithironiscus* Schmalzfuss, 1995**

Family: Scleropactidae.

Type species: *Kithironiscus paragamiani* Schmalzfuss, 1995 (o, m).

Locality: Greece, Kithira Island S Peloponnes, Milopotamos, Ayia Sofia Cave (leg. Paragamian, 18.vii.1990): ♂ holotype (SMNS T321), 18 paratypes. (SMNS T322), 4 paratypes. (NMW), 2 paratypes (MZUF).

### ***Kivudillo* Ferrara & Taiti, 1976**

Family: Eubelidae.

Type species: *Kivudillo benoitti* Ferrara & Taiti, 1976 (m, o).

Localities: Congo, Kivu, terr. Mwenga, poste Kitutu, vallée de l'Elila, 650 m, secondary forest, in humus, n. 10 (♂ holotype and ♀

allotype, leg. Leleup, 06.iv.1958, MRAC 50219); paratypes: Kivu, Kalehe Bungakivi, 1040 m, in humus (1 ♀, leg. Leleup, ix.1953, MRAC 40519–40526); Kivu, terr. Mwenga, poste Kitutu, vallée de l'Elila, 650 m, secondary forest, in humus, n. 6 (1 ♂, 2 ♀, leg. Leleup, iv.1958, MRAC 50211); Kivu, terr. Mwenga, poste Kitutu, 650 m, secondary forest, n. 4 (4 ♂, 4 ♀, leg. Leleup, 01.iv.1958, MRAC 50218); Kivu, terr. Mwenga, poste Kitutu, tête de source Bilumanzi, 650 m, "herbeuse", n. 8 (3 ♀, leg. Leleup, 05.iv.1958, MRAC 50213); Kivu, terr. Mwenga, poste Kitutu, vallée de l'Elila, 650 m, primary swamp forest, under bark of dead tree (1 ♂, leg. Leleup, 08.iv.1958, MRAC 50215); Kivu, terr. Mwenga, poste Kitutu, pont de Kitango, 650 m, primary forest, in humus, n. 12 (1 ♂, 2 ♀, leg. Leleup, 09.iv.1958, MRAC 50212); Kivu, terr. Mwenga, poste Kitutu, 650 m, mud bank of the river Lubuskwa, temperature 20°C, n. 14 (1 ♂, leg. Leleup, 12.iv.1958, MRAC 50217); Kivu, terr. Mwenga, poste Kitutu, Maueima, 1250 m, swamp/forest with numerous "Pandanus", n. 15 (1 ♂, 1 ♀, leg. Leleup, 24.iv.1958, MRAC 50205); Kivu, terr. Mwenga, poste Kitutu, Maueima, 1250 m, swamp/forest with numerous "Pandanus", n. 15 (3 ♂, 3 ♀, leg. Leleup, 24.iv.1958, MRAC 50206); Kivu, terr. Kalehe, 3 km N of Irangi [en aval vers Hombo tête de source du ruiss. Nangundu], montane forest, in humus, B. 3 (1 ♀, leg. A. Musanda & M. Kangeta, 16.viii.1960, MRAC 50961); Kivu, terr. Kalehe, [tête de source] at a tributary of the river Luhaho, bush forest, in humus, B. 7 (2 ♂, leg. A. Musanda & M. Kangeta, 21.viii.1960, MRAC 50957); Kivu [ré-cidu forestière de la riv. (rivière) Hyanga], in humus, B. 153 (4 ♂, 3 ♀, leg. A. Musanda & M. Kangeta, 26.viii.1960, MRAC 50949); Kivu: terr. Kalehe, Kalambi, under bark of dead trees in a banana plantation, B. 24 (4 ♂, 5 ♀, leg. A. Musanda & M. Kangeta, 30. ix.1960, MRAC 50952); Kivu, terr. Mwenga, Kiwanza, Tengatenga River, in humus, B. 155 (1 ♀, leg. Leleup, vi.1961, MRAC 50990); Kivu, terr. Mwenga, Kiwanza, Tengatenga River, in humus, B. 160 (1 ♀, leg. Leleup, vi.1961, MRAC 50993); Kivu, terr. Mwenga,

Kiwanza, in humus, B. 153 (1 ♀, leg. Leleup, vi.1961, MRAC 50994); Kivu, terr. Mwenga, Kiwanza, in humus, B. 157 (1 ♂, leg. Leleup, vi.1961, MRAC 50996).

**Kogmania Barnard, 1932**

Family: Titaniidae.

Type species: *Kogmania depressa* Barnard, 1932 (m).

Locality: South Africa: Cape Province: Klogmans Kloof, Montagu, under stone in a termite nest (males and females, leg. K. H. Barnard, 1922, 1 ♂ and 1 ♀, BMNH 1933:1: 25:44-45, syntypes).

*Komatia* Barnard, 1932

Synonym of *Aphiloscia* Budde-Lund, 1908b.

Type species: *Philoscia (Komatia) marginata* Barnard, 1932 (m) (synonym of *Philoscia maculicornis* Budde-Lund, 1898).

Locality: Mosambique: Wanetsi River (a tributary of Komati River) (1 ♂, leg. H. W. Bell-Marley, BMNH 1933:1: 25:86, syntype); more specimens in SAMC?

Remarks: Taiti & Ferrara (1980) cited *Komatia* as a genus. Ferrara & Taiti (1984) examined a syntype specimen of *Philoscia marginata* and reduced it to a synonym of *Philoscia maculicornis*, which they placed in the genus *Aphiloscia*. Therefore *Komatia* became a synonym of *Aphiloscia*.

**Koreoniscus Verhoeff, 1937**

Family: Trachelipodidae.

Type species: *Porcellio (Lucasius?) racovitzae* Arcangeli, 1927 (m).

Locality: Korea: Heijo [error for "Keijo" = Seoul, after Kwon 1993] (2 ♂, 2 imm. ♀, paralectotypes, leg. F. Silvestri, 02.x.1925, DEAP); Heijo [= Pyongyang], together with ants (3 ♂, 9 ♀, paralectotypes, leg. Silvestri, 04.x.1925, DEAP); Fusan [=Pusan] (♂ lectotype, 1 ♂ paralectotypes, leg. F. Silvestri, 29.ix.1925, DEAP); China, Beijing (8 ♂, 4 ♀, paralectotypes, leg. Silvestri, 10.x.1925); Japan, Okitsu (1 ♂ paralectotype, leg. F. Silvestri, 20.viii.1925, DEAP); Lectotype designated by Kwon (1993).

Remarks: Verhoeff did not examine the type specimens, but other material from Korea.

**Koshiniscus Nunomura, 1990**

Synonym of *Armadilloniscus* Uljanin, 1875.

Type species: *Koshiniscus notoijimensis* Nunomura, 1990 (o, m).

Locality: Japan: Ishikawa Prefecture, Kashimagan, Notojima Island, Notojima-cho, on artificial stone wall, supratidal zone on Yatsugasaki-shore (♂ holotype, leg. Nunomura, 30.vi.1984; TOYA9100).

Remarks: Reduced to a synonym of *Armadilloniscus* by Kwon (1995).

*Kosswigius* Verhoeff, 1941d

Unavailable name (ICZN Art. 13.3).

Type species: Not designated.

Species originally included:

1. *Kosswigius delattini* Verhoeff, 1941d: Turkey, cave near Inkayaköyü village near Brussa, in bat guano.
2. *Kosswigius bilselii* Verhoeff, 1941d: Turkey: Trakya, Yarim Burgas cave.

Remarks: Vandel (1975) reduced *Kosswigius* to a synonym of *Monocyphoniscus* Strouhal, 1939. However, the name *Kosswigius* is unavailable.

### ***Koweitoniscus* Vandel, 1975**

Family: Eubelidae.

Type species: *Koweitoniscus ahmadii* Vandel, 1975 (o, m) (synonym of *Periscyphis tamei* Omer-Cooper, 1923).

Locality: Kuwait, "Al Ahmadi, in house no. 10, I street, 14.xi.1972".

Synonym: *Eosphaerillo* Vandel, 1980.

Species: 3.

Distribution: Arabian Peninsula, Mesopotamia, Ethiopia.

Remarks: *Koweitoniscus ahmadii* was reduced to a synonym of *Periscyphis tamei* by Ferrara & Taiti (1986a).

### ***Krantzia* Bernard, 1932**

Family: Incertae sedis.

Type species: *Krantzia poecila* Barnard, 1932 (m).

Locality: South Africa: Natal: Krantzkop, Pietermaritzburg and Inchanga (1 ♂ and 3 ♀, leg. K.H. Barnard, 1917, BMNH 1933:3:18:7-11, syntypes).

*Krimonethes* Absolon, 1933

Synonym of *Typhloligidium* Verhoeff, 1916, synonym or subgenus of *Ligidium* Brandt, 1833.

Type species: *Ligidium coecum* Carl, 1904 (m).

Locality: Krym, Kisil Cave (leg. Lebedinsky; no further details mentioned).

Remarks: Carl (1904) described a *Ligidium coecum*. Absolon (1933) referred to "*Krimonethes coecus* Carl-Lebedinsky"; by this citation he introduced the name *Krimonethes*

as a new genus name, although he probably was not aware of it. Besides, he strangely combined the names of the author and of Lebedinsky, who, after Carl (1904), had misidentified this species as *Titanethes albus* in two papers (Lebedinsky 1900 and 1903, both not seen, no citation found). Borutzky (1949) reduced *Krimonethes* to a synonym of *Typhloligidium*, but erroneously cited Absolon's paper as 1938, not 1933.

### ***Kuscheloniscus* Strouhal, 1961b**

Family: Styloniscidae.

Type species: *Kuscheloniscus vandeli* Strouhal, 1961b.

Locality: Juan Fernandez Is., Más a Tierra (♀ holotype, 1 ♀ paratype, leg. G. Kuschel, xii.1954-iii.1955); Más a Tierra, Camote, 600 m (1 ♀ paratype, leg. G. Kuschel, 28.xii.1954).

*Labyrinthiasius* Verhoeff, 1929

Synonym of *Bathytropa* Budde-Lund, 1885.

Type species: *Labyrinthiasius graecus* Verhoeff, 1929 (m) (synonym of *Bathytropa granulata* Dollfus, 1887).

Locality: Creta, "Labyrinth 1" (numerous ♂ and ♀, matures and imm., ZMB 21898); Creta (1 ♀, leg. ?, 7.i.1929, BMNH 1930:5:6:26, syntypes).

Remarks: *Labyrinthiasius graecus* was listed as a synonym of *Bathytropa granulata* by Schmalfuss (1979).

### ***Laevophiloscia* Wahrberg, 1922**

Family: Philosciidae.

Type species: Not designated.

Species originally included:

1. *Philoscia (Laevophiloscia) dongarrensensis* Wahrberg, 1922: Australia, Dongarra, brackish swamp (4 ♂, 7 ♀, leg. Hamburger südwestaustralische Forschungsreise, 1905, ZMH).
2. *Philoscia (Laevophiloscia) perlata* Wahrberg, 1922: Australia, Cannington, Bunburry, Guilford, Collie, Rottneest, Lion Mill, Albany, Mundaring Weir, Boyanup, Bridgetown, North Freemantle, South Perth, Karrakatta, Denham (8 ♂, 38 ♀, leg. Hamburger südwestaustralische Forschungsreise, 1905, ZMH).
3. *Philoscia (Laevophiloscia) karrakattensis* Wahrberg, 1922: Australia, Karrakatta (2 ♂, leg. Hamburger südwestaustralische Forschungsreise, 1905, ZMH).
4. *Philoscia (Laevophiloscia) yalagoonensis* Wahrberg, 1922: Australia, Yalgoo, Day Dawn (2 ♂, 1 ♀, leg. Hamburger südwestaustralische Forschungsreise, 1905, ZMH).

5. *Philoscia (Laevophiloscia) hirta* Wahrberg, 1922: Australia, Moonyoonooka (2 ♂, leg. Hamburger südwestaustralische Forschungsreise, 1905, ZMH).
6. *Philoscia (Laevophiloscia) longicaudata* Wahrberg, 1922: Australia, Northampton, Bridgetown (2 ♀, leg. Hamburger südwestaustralische Forschungsreise, 1905, ZMH).
7. *Philoscia (Laevophiloscia) brevicorpore* Wahrberg, 1922: Australia, Jarrahdale (1 ♀, leg. Hamburger südwestaustralische Forschungsreise, 1905, ZMH).
8. *Philoscia (Laevophiloscia) myrmecophila* Wahrberg, 1922: Australia, Queensland, Logan village, together with *Camponotus nigriceps* (1 ♀, leg. Möbjerg, 1910-13, NHRS).

Species: 9.

Distribution: Western Australia.

***Lanceochaetus* Schmalzfuss & Ferrara, 1978**

Family: Platyarthridae.

Type species: *Lanceochaetus camerunicus* Schmalzfuss & Ferrara, 1978 (o, m).

Locality: Cameroon, 20 km W Victoria (3 ♂, 1 ♀, leg. Kohler, 10.iii.1973; MZUF, ♂ holotype no. 164, allotype ♀ no. 165, paratypes no. 166).

***Laninoniscus* Reca, 1973**

Family: Bathytropidae.

Type species: *Laninoniscus giambiagiae* Reca, 1973 (o, m).

Locality: Argentina, prov. Neuquén, Parque Nacional Lanín, lago Huechulafquén (1 ♀, 06.xii.1960); (53 ♀ with marsupium, 3 ♀ without marsupium, and 17 ♂, 25.ii.1972) holotype ♂, allotype ♀ and 72 paratypes in MACN.

***Lapilloniscus* Brian, 1938**

Family: Trichoniscidae.

Type species: *Lapilloniscus patrizii* Brian, 1938 (m).

Locality: Italia: Sasso, between Lago di Bracciano and the coast (leg. Patrizi, 27.ii.1932).

***Laureola* Barnard, 1960**

Family: Armadillidae.

Type species: *Akermania paucispinosa* Barnard, 1949 (o).

Locality: South Simbabwe, Vumba, in humus of "indigenous forest" (1 ♂, leg. R. F. Lawrence, ii.1948).

Synonyms: *Praelaureola* Vandel, 1974; *Paralaureola* Vandel, 1973b.

Species: 11.

Distribution: St. Helena, Simbabwe, Principe Is., Australia.

***Leonoscia* Ferrara & Schmalzfuss, 1985**

Family: Philosciidae.

Type species: *Leonoscia bicolorata* Ferrara & Schmalzfuss, 1985 (o, m).

Localities: Sierra Leone: Freetown, Pepel Town (♂ holotype and 3 ♂, 10 ♀, 2 ♀ with marsupium, paratypes, leg. Olu & Pitt, iv.1977, MRAC 54425); Freetown, Murray Town Village, C. M. S. Grammar School (3 ♀, leg. Olu & Pitt, i.1977, MRAC 54225); same data (1 ♀, 1 ♀ with marsupium (MRAC 54227)).

***Lepidoniscus* Verhoeff, 1908c**

Family: Philosciidae.

Type species: *Philoscia germanica* Verhoeff, 1896 (o).

Synonym of *Oniscus minutus* C. L. Koch, 1838.

Localities: (*Philoscia germanica*) Germany, Siebengebirge, Petersberg, auf einer Waldwiese am Fuß des Berges, unter Stein (1 ♀, leg. Verhoeff, 01.xi.1895); Löwenburg, unter Weidenrinde (3 ♀, leg. Verhoeff, 17.xi.1895); (*Oniscus minutus*): Germany, Regensburg [im Stadtgraben an feuchten Mauern].

Species: 4.

Distribution: Germany, Switzerland, Austria, northern Italy, Czech Rep., Slovakia, Yugoslavia.

Remarks: Introduced as subgenus of *Philoscia*.

***Lepinisticus* Manicastroi & Taiti, 1983**

Family: Cylisticidae.

Type species: *Lepinisticus vignai* Manicastroi & Taiti, 1983 (o, m).

Locality: Italy, Monti Lepini, Lazio, Mt. Semprevisa, 1200 m (1 ♂ holotype; 1 ♂, 6 ♀, 2 ♀ with eggs, leg. Taglianti, 06.vi.1975); (4 ♀, 1 ♀ with eggs, leg. Manicastroi, Argano & Gravina, 19.vi.1980); (1 ♀ with marsupium, leg. Taiti, 25.vi.1980). Depositories of these type specimens: Holotype and 7 paratypes in

Coll. Argano, MZUR; 5 paratypes MHNG; 2 paratypes MZUF; 1 paratype SMNS).

*Leptophiloscia* Herold, 1932  
Unavailable name (ICZN Art. 13.3).

Family: Philosciidae.

Type species: Not designated.

Species originally included:

1. *Leptophiloscia baliensis* Herold, 1932: Indonesia: Bali: Baturiti (ZMB 22990 + slides 4058-4059).
2. *Leptophiloscia javana* Herold, 1932: Indonesia: Java: Sarangan, 1887.
3. *Leptophiloscia mira* Herold, 1932: Indonesia: Flores: Rana Mese (ZMB 23006 + slides 4071-4072).

### ***Leptotrichus* Budde-Lund, 1879**

Family: Porcellionidae.

Type species: *Porcellio panzeri* Audouin, 1826 (designated by Budde-Lund, 1908b).

Locality: Egypt (no further details).

Species: 25.

Distribution: Mediterranean, Irak, Bermudas, Japan, South Africa, Somalia.

Remarks: The name is available with the publication date 1879 because three previously described species were included (see ICZN Art. 12.2.5).

*Lereboulletia* Vandel, 1945

Synonym of *Buchnerillo* Verhoeff, 1942.

Type species: *Lereboulletia littoralis* Vandel, 1945 (m, o).  
Locality: Corscia, Sisco, Marine de Sisco (3 ♂, 12 ♀, 19 juveniles, leg. Remy, 01.ix.1942).

Remarks: Reduced to a synonym of *Buchnerillo* by Vandel (1960).

### ***Leucocyphoniscus* Verhoeff, 1900**

Family: Trichoniscidae, Cyphoniscinae.

Type species: *Leucocyphoniscus verruciger* Verhoeff, 1900 (m).

Locality: Switzerland/Italy, near Lake Lugano, Mt. Generoso [45°57'N, 9°01'E] (1 ♀ only, holotype).

Synonym: *Pleurocyphoniscus* Verhoeff, 1901b.

Species: 6.

Distribution: Switzerland, Italy, Karawanken Mts.

Remarks: Described as a genus. Verhoeff (1927) included it as subgenus in *Cyphoniscellus* Verhoeff, 1901.

*Leucodillo* Vandel, 1973b

Synonym of *Synarmadillo* Dollfus, 1892.

Type species: *Leucodillo endogaeus* Vandel, 1973b (o, m).

Locality: Papua New Guinea: Morobe District: Bulolo, in moist soil near forestry station (leg. B. Gray, 18.i.1970).  
Remarks: Taiti, Paoli & Ferrara (1998) reduced *Leucodillo* to a synonym of *Synarmadillo*.

### ***Leucophiloscia* Vandel, 1973**

Family: Philosciidae.

Type species: *Leucophiloscia endogaea* Vandel, 1973 (o, m).

Locality: Papua New Guinea: Morobe District: Wau, S of Bulolo (leg. B. Gray & J. Dobunaba, 02.iv.1970).

*Libanillo* Arcangeli, 1957b

Synonym of *Armadillo* Latreille, 1802.

Type species: *Armadillo troglophilus* Vandel, 1955 (o).

Localities: Libanon, caves near Beirut: "Grotte d'Arnhite" (17 ♂, 25 ♀, 04.x.1951); "Grotte de Ghita" (1 ♀, 1 juv., 17./28.x.1951); "Grotte d'Antelias" (2 ♂, 2 ♀, 30.ix.1951 / 7 ♂, 10 ♀, 3 juv., 09.x.1951 / 1 ♂, 1 ♀, 30.xi.1951 / 2 ♂, 3 ♀, 1 juv., 09.x.1951 / 8 ♂, 16 ♀, 22.x.1951); "Grotte de Djezzine (1 ♀, 06.x.1951); all syntypes, leg. Coiffait, at least in part in MNHN.

Remarks: Arcangeli (1957b) instituted *Libanillo* as a subgenus of *Venezillo*, without a definition and without having seen specimens. Schmalzfuss (1986), after reexamination, found the species clearly belongs to *Armadillo* s. str.

### ***Libanonethes* Vandel, 1955a**

Family: Trichoniscidae.

Type species: *Libanonethes probosciferus* Vandel, 1955a (o, m).

Localities: Libanon: Ghita cave, N of Beirut (27-28.x.1951): "Plage Maxwell" (1 ♂, 1 ♀), "Le Dortoir" (3 ♂, 4 ♀); Anchite cave, between Beirut and Tripoli (1 ♀, 04.x.1951); all syntypes (leg. H. Coiffait).

Species: 2.

*Libanoniscus* Vandel, 1955a

Remarks: Unavailable name (ICZN Art. 13.3) because no species name was included.

### ***Ligia* Fabricius, 1798**

Family: Ligiidae.

Type species: *Oniscus oceanicus* Linné, 1767.

Locality: Not specified.

Synonym: *Ligyda* Rafinesque, 1814.

Species: 42.

Distribution: Worldwide, littoral.

Remarks: Linné mentioned as locality only "habitat in oceano".

Literature: Jackson (1922) revised the species



and gave a key to 15 species. The male pleopod 2 endopodites, which are essential for species identification, are not described or figured in that paper.

**Ligidium Brandt, 1833**

Family: Ligiidae.

Type species: *Ligidium persooni* Brandt, 1833 (o).

Synonym of *Oniscus hypnorum* Cuvier, 1792.

Locality: "Europa, Germania etc."

Synonyms: *Zia* Koch, 1841b; *Euphiloscia* Packard, 1873; *Typholigidium* Verhoeff, 1916; *Caucasoligidium* Borutzky, 1950.

Species: 59.

Distribution: Asia, Europe, North America.

Literature: Jackson (1923) revised the species and gave a key to 10 species. The illustrations are partly (especially those of male pleopod 2 endopodites) insufficient. Besides, a number of species were described subsequently, so the paper is outdated.

**Ligidioides Wahrberg, 1922**

Family: Ligiidae.

Type species: *Ligidioides intermedius* Wahrberg, 1922(m).

Locality: Australia: Queensland, Atherton (1 ♀, leg. Mjöberg, NHRS).

*Ligyda* Rafinesque, 1814

Synonym of *Ligia* Fabricius, 1798 (after Barnard 1932).

**Littorophiloscia Hatch, 1947**

Family: Halophilosciidae.

Type species: *Philoscia richardsonae* Holmes & Gay, 1909 (o, m).

Locality: California: San Diego, on moist swampy ground (3 syntypes, USNM 39049).

Synonyms: *Bilawrencia* Vandel, 1973; *Vandeloscia* Roman, 1977; *Helenoscia* Vandel, 1977c; *Sayoscia* Schultz, 1983.

Species: 24.

Distribution: Atlantic coast of North America, East Africa, South-east Asia, Egypt, St. Helena, Ivory Coast.

Literature: Taiti & Ferrara (1986) revised 10 species and described 6 new species.

**Lobethelum Ferrara & Taiti, 1989**

Family: Eubelidae.

Type species: *Lobethelum congolense* Ferrara & Taiti, 1989 (o, m).

Localities: Congo: Kindamba Meya, Louolo River (♂ holotype and 59 ♂ and ♀ paratypes, leg. J. Balogh and A. Zicsi, 10.xi.1963, HNHM 148; same data, 4 ♂ and 2 ♀, MZUF 1981); paratypes: Kindamba, Meya, near Adam cave (1 ♂, leg. J. Balogh and A. Zicsi, 7.xi.1963, HNHM 116); Kindamba, Meya, settlement (1 ♀, leg. J. Balogh and A. Zicsi, 13.xi.1963, HNHM 192); Kindamba, Meya, cave entrance (8 ♂, 8 ♀, leg. J. Balogh and A. Zicsi, 1.xi.1963; HNHM 60); Sibiti, Soso River (1 ♂, leg. J. Balogh and A. Zicsi, 1.xii.1963, HNHM 313).

*Lobodillo* Herold, 1932

Unavailable name (ICZN Art. 13.3).

**Lobodillo Taiti, Paoli & Ferrara, 1998**

Family: Armadillidae.

Type species: *Lobodillo flavus* Herold, 1932 (designated by Taiti, Paoli & Ferrara 1998).

Locality: Bali, Baturiti (leg. Rensch, 27.viii.1929 or 1930, ZMB 23011).

Species: 7.

Distribution: Western Australia, New Guinea, Salomon Is., Fiji Is., Marshall Is.

**Loboscia Schmidt, 1998**

Family: Philosciidae.

Type species: *Loboscia shaji* Schmidt, 1998 (o, m).

Locality: Malaysia, Sarawak, Mulu National Park, 04°N, 114°E, on the way to Lang/Deer Cave (♂ holotype and 1 ♀ paratype, 25.xii.1995, ZMA Is. 203.799).

*Lucasoides* Arcangeli, 1952

Unavailable name (ICZN Art. 13.3).

**Lucasoides Kwon, 1993**

Family: Porcellionidae.

Type species: *Porcellio gigliotosi* Arcangeli, 1927 (designated by Kwon 1993).

Localities: Korea: Pusan (♂ lectotype, leg. Silvestri, 29.ix.1925, DEAP); Japan, Kobe (1 ♂ paralectotype, leg. Silvestri, 24.vi.1925, DEAP); China, Shanghai (2 ♂, 2 ♀, paralectotypes, leg. Silvestri, 19.v.1925, DEAP). Lectotype designated by Kwon (1993).

Species: 6.

Distribution: China, Korea, Japan.

Remarks: Arcangeli (1952) instituted *Lucasiooides* as a subgenus of *Protracheoniscus*. Vandel (1969, "South Korea") elevated it to generic rank. Kwon (1993) validated the name by designating a type species.

### ***Lucasius* Kinahan, 1859**

Family: Porcellionidae.

Type species: *Porcellio myrmecophilus* Lucas, 1853(m).

Locality: Algeria, Medeah, in the nest of "*Myrmica testaceo-pilosa*".

Species: 6.

Distribution: Madeira, Italy, Sardinia, Rhodos, Algeria, Tunisia.

*Lusitoniscus* Vandel, 1946

Subgenus of *Porcellionides* Miers, 1878.

Type species: *Porcellio cingendus* Kinahan, 1857 (o, m).

Locality: Ireland, Dublin.

Species: 2.

Remarks: The name *Lusitoniscus* was introduced by Vandel (1946) as subgenus of *Metoponorthus*, to include *M. cingendus* (Kinahan, 1857). The new species *M. mirabilis* Vandel, 1946 was assigned to the subgenus only with doubt, so *M. cingendus* is regarded as type by monotypy. Vandel (1962) also mentioned *M. cingendus* as type species.

*Lyprobius* Budde-Lund, 1879

Nomen nudum.

Remarks: The new genus name was introduced together with the new species name *L. pusillus*, both without any description.

*Lyprobius* Budde-Lund, 1885

Synonym of *Agabiformius*?

Type species: Not designated.

Species originally included:

1. *Lyprobius pusillus* (Budde-Lund, 1885): California: Sacramento (1 damaged specimen, coll. Schaufuss).
2. *Lyprobius lentus* (Budde-Lund, 1885): Algeria, Msila (leg. Simon).
3. *Lyprobius modestus* (Budde-Lund, 1885): central America, "Corientes" (2 syntypes, ZMUC CRU-1586).

Remarks: Budde-Lund (1885) instituted the genus *Lyprobius* for 3 species of small, *Porcellio*-shaped isopods. He subsequently (Budde-Lund 1908 b) excluded all species except for: *Lyprobius pusillus* Budde-Lund, 1885; this is not equivalent to the designation of that species as the type species (ICZN Art. 69.4), therefore the type-species is still not designated. The type specimens of *L. pusillus* seem to have been stored in the SMTD and were destroyed during World War II.

*Macaroniscus* Karaman, 1961

Subgenus of *Epironiscellus* Strouhal, 1954.

Type species: *Epironiscellus (Macaroniscus) multicostatus* Karaman, 1961.

Locality: Macedonia, near T. Veles, cave Makarovac (25 ♂ and 40 ♀, leg. G. Karaman & M. Petkovi, 17.vii.1958; syntypes).

*Macedoniscus* Buturovic, 1954

Synonym of *Alpioniscus* Racovitza, 1908.

Type species: *Macedoniscus vardarensis* Buturovic, 1954 (m).

Locality: Macedonia, Pecina (cave) Bela Voda, near Demir Kapije, on the way to Djevdjelija (8 ♂, 20 ♀, leg. St. Karaman & T. Petkovski, 07.vii.1953).

Remarks: Reduced to a synonym of *Alpioniscus* by Tabacaru (1993b).

### ***Macrotelsonia* Arcangeli, 1939c**

Family: Tendosphaeridae.

Type species: *Echinarmadillidium strouhali* Frankenberger, 1938b (o, m).

Locality: Montenegro, cave "Studenacka pecina" near Niksic (1 ♀, leg. Kratochvíl, 06.ix.1936).

Synonym: *Ctenodillium* Frankenberger, 1940.

### ***Madoniscus* Paulian de Félice, 1950**

Family: Trichoniscidae.

Type species: *Madoniscus termitis* Paulian de Félice, 1950(m).

Locality: Madagascar, Tampolo forest on the east coast; in galleries of *Eutermes nigrita* Wasman, associated with *Coptotermes truncatus* Wasman (leg. Millot).

### ***Madrasdillo* Arcangeli, 1957**

Family: Armadillidae.

Type species: *Armadillo elevatus* Verhoeff, 1936c(m).

Locality: India, Madras (♂ and ♀, exact number not indicated, but referred to as "common", leg. S. Jones).

*Maghrebioniscus* Vandel, 1959b

Unavailable name (ICZN Art. 13.3); Family: Spelaeoniscidae.

Type species: Not designated.

Species originally included:

1. *Maghrebioniscus palmetensis* Vandel, 1959b: Morocco: Foum el Hassane, dans le Djebel Bani, au nord de l'Oued Draa, 492 m, dans la palmeraie (2 ♂, leg. Remy, 18.ix.1953).
2. *Maghrebioniscus trapezoidalis* Vandel, 1959b: Morocco, Berguent, au sud d'Oujda, 910 m, jardin (1 ♂, leg. Remy,

19.ix.1950); Fom el Hassane, dans le Djebel Bani, au nord de l'Oued Draa, 492 m, dans la palmeraie (2 ♂, leg. Remy, 18.ix.1953); Bou Izkarene, à l'est d'Ifni et au nord de Goulimine, jardin (1 ♂, leg. Remy, 20.ix.1950), pal-meraie (1 ♂, 1 ♀, leg. Remy, 21.viii.1950).

**Mahehia Budde-Lund, 1913a**

Family: Incertae sedis.

Type species: Not designated.

Species originally included:

1. *Mahehia maculata* Budde-Lund, 1913a: Seychelles: Mahé, Mt. Alphonse (2 specimens, leg. "Sealark Expedition", 03.xii.1905, 1 ♀ syntype BMNH 1913:1:8:50); (2 specimens, leg. Dr. Brauer, 02.v.1900, ZMH 16858); Mahé, Top of Mt. Morne, 820 m (1 ♀, BMNH 1921:10.18:1021, syntype).
2. *Mahehia laticauda* Budde-Lund, 1913a: Seychelles: Mahé, montagne Alphonse, cascade, 1800 m (many specimens, 30.xi., 02.xii. and 04.xii.1905); same data, + "in base of Pandanus leaf" (6 ♂, 1 ♀, leg. "Sealark Expedition", BMNH 1913:1:8:58-63, syntypes); Praslin, 305 m, under dead palm leaves (3 specimens).
3. *Mahehia bicornis* Budde-Lund, 1913a: Seychelles: Mahé (1 specimen from mountain forest, xi.1905 [depository?]); Silhouette (5 specimens [depository?]); (25 syntypes, leg. Dr. Brauer, 02.v.1901, ZMH 16857); Silhouette Is. (1 ♂ and 2 ♀, leg. "Sealark Expedition", BMNH 1913:1:8:64-66, syntypes); Silhouette Is. (7 ♂, 7 ♀, BMNH 1921:10:18: 997-1008, syntypes).

**Malaccadillo Arcangeli, 1957**

Family: Armadillidae.

Type species: *Armadillo (Malaccadillo) jacobsoni* Arcangeli, 1957 (m).

Locality: West Malaysia, Kedah (1 ♀, leg. P. J. v. d. Does de Bue, 19.i.1900).

*Mamusa* Budde-Lund, 1910

Synonym of *Halophiloscia* Verhoeff, 1908.

Type species: *Philoscia longicornis* Budde-Lund, 1885 (o, m).

Localities: Mauretania, El Araish (W. Sørensen); Mallorca (Schaufuss); France, Dépt. Somme, Gruissan, Toulon; Corsica; Algeria, "Ouled-Anteurs" (Simon); Egypt, Alexandria (Letourneux); Sebastopol (Uljanin); (2 syntypes, ZMUC CRU-581); Algier (1 syntype, ZMB 6753); (4 ♂, 1 ♀ syntypes, BMNH 1921:10:18:2232-2235).

Remarks: Aubert & Dollfus (1890) listed *Ph. longicornis*

as a synonym of *Philoscia couchi*, which now is the type species of *Halophiloscia*.

*Manibia* Barnard, 1932

Unavailable name (ICZN Art. 13.3).

Type species: Not designated.

Species originally included:

1. *Niambia (Manibia) lata* Barnard, 1932: S. Rhodesia: Sangati Valley (♀ holotype, leg. R. H. Stevenson, BMNH 1933:1:25:191).
2. *Niambia (Manibia) microps* Barnard, 1932: Mozambique: Marixe (4 ♀ syntypes, leg. R. F. Lawrence, BMNH 1933:1:25:192-194).

Remarks: Was described as subgenus of *Niambia* Budde-Lund, 1908.

*Marginiferum* Verhoeff, 1931a

Unavailable name (ICZN Art. 13.3); subgenus of *Armadillidium*.

Type species: Not designated.

Remarks: Verhoeff (1931a) instituted this subgenus to replace the "Sectio *Marginiferae*". Verhoeff (1907a) included 57 species; therefore the type species is not designated.

*Marinoniscus* Nunomura, 1986

Synonym of *Olibrinus* Budde-Lund, 1913a.

Type species: *Marinoniscus tomiokaensis* Nunomura, 1986 (o).

Locality: Japan: Kumamoto prefecture, Reikohu-chô, Tomioka. Intertidal zone of Shiraiwazaki, on muddy bottom between rocks (♂ holotype, 1 ♀ allotype and 3 ♂, 2 ♀ paratypes, leg. Nunomura, 29.vii.1980; holotype and allotype TOYA 5319, 1 paratype OMNH 5322, 1 paratype YCM, 1 paratype NSMT).

Species: 5.

Distribution: Japan, Okinawa, Tokunoshima Is., Sabiwa.

Remarks: Nunomura introduced also a new family *Marinoniscidae* Nunomura, 1986 to include the genus *Marinoniscus*. Reduced to a synonym of *Olibrinus* by Taiti & Ferrara (1991a).

**Marioniscus Barnard, 1932**

Family: Scyphacidae.

Type species: *Marioniscus spatulifrons* Barnard, 1932 (m).

Locality: South Africa, Cape peninsula, Hout Bay (10 ♂, 12 ♀, leg. K. H. Barnard, BMNH 1933:1:25:67-74, syntypes).

Remarks: This genus was described as close to *Alloniscus*, and included in the Oniscidae, which was defined much more widely than today. Ferrara & Taiti (1979) placed it provisionally in the Scyphacidae.

*Marioniscus* Brian, 1951a

Preoccupied by *Marioniscus* Barnard, 1932; replacement name: *Finaloniscus* Brian, 1951b.

Type species: *Marioniscus franciscoloi* Brian, 1951.

Locality: Italy, Liguria occidentale, Rio Ponci, Finalpia, Cave "Arma de Fate N. 33 Li" (6 ♂, 6 ♀, leg. Franciscolo, 23.iv.1950).

*Massaiscia* Verhoeff, 1942e

Synonym of *Aphiloscia* Budde-Lund, 1908b.

Type species: *Massaiscia obstii* Verhoeff, 1942e (m) (synonym of *Aphiloscia maculicornis* (Budde-Lund, 1898); after Taiti & Ferrara 1984).

Locality: Tanzania: Umfiumi (1 ♀, leg. Dr. E. Obst, 09.xii.1911; ZMH 23408).

Remarks: Taiti & Ferrara (1984) reduced *Massaiscia obstii* to a synonym of *Aphiloscia maculicornis* and thus the genus name *Massaiscia* also fell into the synonymy of *Aphiloscia*.

### ***Matazonellus* Juarrero de Varona & de Armas, 1996**

Family: Armadillidae.

Type species: *Matazonellus eglisi* Juarrero de Varona & de Armas, 1996 (o).

Locality: Cuba, provincia Guantánamo, El Salvador, El Jagüeyón, Finca La Matazón (♂ holotype and 6 ♂ and 4 ♀ paratypes, leg. L. F. de Armas & E. Alonso, 23.v.1993, IESH).

Species: 2.

### ***Mauritaniscus* Vandel, 1959a**

Family: Bathytropidae.

Type species: *Protracheoniscus pierreii* Vandel, 1950(m).

Locality: Algeria, "Beni-Abbès, crue de la Saoura, detritus" (4 ♂, leg. F. Pierre, 27.iii.1948).

Remarks: Schultz et al. (1982) gave 1949 as the publication year of the type species; actually, this paper was published in 1950.

*Megaligia* Verhoeff, 1926a

Subgenus of *Ligia* Fabricius, 1798.

Type species: *Ligia exotica* Roux, 1828 (m).

Locality: France, Marseille (locality given by Roux, after Budde-Lund 1885).

Remarks: The new genus was introduced in a dichotomous key.

*Megatriconiscus* Brian, 1921

Subgenus of *Triconiscus*?

Type species: Not designated.

Species originally included:

1. *Triconiscus feneriensis* Parona, 1880: Italy, Piemonte, Val Sesia, Mt. Fenera, in a cave (leg. Parona, viii.1879).
2. *Triconiscus dispersus* Racovitza, 1907: France, Dépt. Alpes Maritimes, Castillon, Grotte du Laura (1 ♂, 2 ♀, 25.ix.1890), Grotte d'Albarea, Sospel (11 ♂, 7 ♀, 25.ix.1905).

3. *Triconiscus alzonae* Brian, 1921: Sardegna, Grotta di Todeitto, between Dorgali and Cala di Luna, along E coast of island (3 ♂, 3 ♀, 1 juv., leg. C. Alzona, 26.v.1929) [♂ 7 mm, ♀ 14 mm].

Remarks: Brian (1921) described *Megatriconiscus* as a subgenus of *Triconiscus* and included 3 species.

*Megatriconiscus* Jackson, 1938

Preoccupied by *Megatriconiscus* Brian, 1921; synonym of *Styloniscus* Dana, 1852.

Type species: *Philygria thomsoni* Chilton, 1886 (o).

Locality: New Zealand, South Island, Spar Bush (leg. Thomson).

Remarks: Green (1961) reduced *Megatriconiscus* Jackson, 1938 to a synonym of *Styloniscus*.

*Megepimerio* Verhoeff, 1907b

Synonym/subgenus of *Trachelipus* Budde-Lund, 1908b.

Type species: *Porcellio trilobatus* Stein, 1859 (m).

Locality: Romania, left bank of Czerna River, near Mehadia, under stones or on moist rocks (14 specimens?).

Remarks: Introduced as subgenus of *Porcellio*.

*Melanesillo* Verhoeff, 1838a

Unavailable name according to ICZN Art. 13.3.

*Melanesillo* Jackson, 1941

Synonym of *Spherillo*.

Type species: *Spherillo hebridarum* Verhoeff, 1926a (designated by Jackson 1941).

Locality: New Hebrides, Banks Island.

Remarks: Verhoeff (1938a) included *Sphaerillo hebridarum* Verhoeff, 1926a and the two new species *bocki* and *scannorum*. Jackson (1941) mentioned *Spherillo hebridarum* as type species. Vandel (1973) considered this to be a synonym of *Lobodillo* Herold, 1932. Lehtinen, Ferrara & Taiti (1998) moreover designated as neotype of *Spherillo vitiensis* the holotype specimen of *Melanesillo scannorum* Verhoeff, 1938a, which makes the latter a junior objective synonym of the former.

*Meriogaster* = misspelling of *Metriogaster* Vandel, 1973.

### ***Merulana* Budde-Lund, 1913**

Family: Armadillidae.

Type species: *Armadillo rugosus* Budde-Lund, 1885 (designated by Jackson 1941).

Locality: Australia (2 specimens, leg. Sonder, not in ZMB?).

Species: 12.

Distribution: Australia, New Caledonia, Chatham Islands.

Remarks: Budde-Lund (1913) introduced *Merulana* as subgenus of *Spherillo*, as a name for his "sectio X" (Budde-Lund 1904), to comprise *Merulana bicarinata* B.-L., 1913, *Spherillo iniquus* B.-L., 1904, *S. impressifrons* B.-

L., 1904 and *S. rugosa* B.-L., 1904. Monod (1935) and Ferrara (1977) regarded *Merulana* as a synonym of *Pyrgoniscus*. The mention of *Armadillo rugosus* as type species of *Merulana* by Jackson (1941) is regarded as designation of the type species, according to ICZN Art. 69.1.1. Since the two genera are based on different type species, *Merulana* is at least not an objective junior synonym of *Pyrgoniscus*. For resolving this question, re-examination of the type specimens of both type species, and probably of other species is required.

***Merulanella* Verhoeff, 1926a**

Family: Armadillidae.

Type species: *Merulanella carinata* Verhoeff, 1926a (designated by Jackson 1941).

Localities: New Caledonia: Canala, 30.x.1911; Négropo-Tal, 03.iii.1912; La Foa, 16.i.1911 (leg. Sarasin & Roux).

Species: 7.

Distribution: New Caledonia, Loyalty Islands, Seychelles.

Remarks: The genus was introduced with 7 species included. Jackson (1941) mentioned *Merulanella carinata* as the type species.

***Mesarmadillo* Dollfus, 1891**

Family: Eubelidae.

Type species: Not designated.

Species originally included:

1. *Mesarmadillo alluaudí* Dollfus, 1891: "Assinie" (1 ♂, 1 ♀, syntypes, leg. Alluaud, vii-viii.1886, MNHN-Is5735).
2. *Mesarmadillo marginatus* Dollfus, 1891: "Assinie" (♀ holotype, leg. Alluaud, vii-viii.1886).
3. *Mesarmadillo tuberculatus* Dollfus, 1891: "Assinie" (6 specimens, ♂ and ♀, leg. Alluaud, vii-viii.1886; 1 ♀ syntype in BMNH 1921:10:18:735).

Species: 17.

Distribution: Nigeria, Cameroon, Fernando Poo, Togo, Liberia, Ghana, Congo, Ivory Coast.

***Mesodillo* Verhoeff, 1926a**

Family: Armadillidae.

Type species: *Mesodillo eremitus* Verhoeff, 1926a(m).

Locality: New Caledonia, Yaté, forest, 200 m (1 ♂, leg. Sarasin & Roux, 21.iii.1911).

***Mesoniscus* Carl, 1906**

Family: Mesoniscidae.

Type species: *Mesoniscus cavicolus* Carl, 1906 (m) (synonym of *Titanethes alpicola* Heller, 1858).

Locality: Alps, "Campo dei fiori" above Varese, in a cave near Tre Crocette.

Synonyms: *Schioedtia* Budde-Lund, 1906; *Nematoniscus* Verhoeff, 1930a.

Species: 2.

Distribution: Alps, Carpathian Mountains.

Remarks: The synonymy of the type species was found by Dahl (1916).

Literature: Gruner & Tabacaru (1963) revised the family Mesoniscidae and found it includes only two valid species of genus *Mesoniscus*, which were redescribed.

*Mesoporcellio* Verhoeff, 1907

Subgenus of *Porcellio* Latreille, 1804.

Type species: *Porcellio laevis* Latreille, 1804 (m).

Locality: Unknown (Latreille mentioned only that it "is found under stones", which is not a geographic locality).

Remarks: Verhoeff (1907b) instituted this subgenus for 7 species, 6 of them in the "Sectio *Proporcellio*" and 1 of them in the "Sectio *Mesoporcellio*". According to ICZN Art. 10.4, a name given to a "section" of a genus has to be treated as a subgenus name. The latter, *Porcellio laevis* Latreille, 1804, therefore is regarded as type species by monotypy (ICZN Art. 68.3).

*Metalloniscus* Arcangeli, 1960

Unavailable name (ICZN Art. 13.3): subgenus of *Alloniscus* Dana, 1854.

Type species: Not designated.

Species originally included:

1. *Alloniscus pigmentatus* Budde-Lund, 1885: Madagascar (12 syntypes, ZMB 6642).
2. *Alloniscus gerardi* Arcangeli, 1960: Daressalam (7 ♂, 12 ♀ syntypes, leg. v.1930).
3. *Alloniscus priolensis* Arcangeli, 1960: Priole Island, east of the southern part of Sumatra (15 ♂, 9 ♀ syntypes, leg. P. Buitendyk, xi.1926).
4. *Alloniscus schaedleri* Arcangeli, 1960: "Kisser Iles Zuid Wetter", small island near northeast of Timor (10 ♂, 5 ♀ syntypes, leg. Schädler, RNHL).
5. *Alloniscus oahuensis* Budde-Lund, 1885: Hawaii, Oahu Island (1 holotype, ZMUC Cru 545).

Distribution: Madagascar and islands of the Indian and Pacific Oceans.

***Metaperiscyphops* Ferrara & Schmalfuss, 1976**

Family: Eubelidae.

Type species: *Metaperiscyphops insulanus* Ferrara & Schmalzfuss, 1976 (m).

Locality: Principe Island (5 ♂ and 14 ♀ in MSNG).

### ***Metaprosekia* Leistikow, 2000b**

Family: Philosciidae.

Type species: *Metaprosekia nodilinearis* Leistikow, 2000b.

Locality: Venezuela, E slope of the Andes, "La Campana", 8°51.92'N, 70°37.14'W, 1500 m (±200 m), leg. 29.iii.1998 (♂ holotype ZMB, 1 ♂, 1 ♀ with marsupium, paratypes UCV, 1 ♂ paratype MNRJ, 2 ♂, 1 ♀m coll. Leistikow).

### ***Metastenoniscus* Taiti & Ferrara, 1982b**

Family: Stenoniscidae.

Type species: *Metastenoniscus osellai* Taiti & Ferrara, 1982b.

Locality: Bali, Kuta Bali, beach (♂ holotype, 10 ♂ and 64 ♀, paratypes, leg. G. Osella, 19-20.xi.1981, MCSNV).

Species: 2.

Distribution: Bali, Venezuela, Nicobar Islands.

### ***Metatrichoniscoides* Vandel, 1943**

Family: Trichoniscidae.

Type species: *Metatrichoniscoides nemausiensis* Vandel, 1943 (m).

Locality: France: Dépt. Gard, Nîmes, jardin de la Fontaine, au-dessous de la Tour Magne, under stone in clay soil (1 ♂, leg. Vandel, 16.ix.1942).

Species: 5.

Distribution: Southern England, France, Germany, Sweden, Finland.

Literature: Vandel (1952a) provided descriptions and figures of diagnostic characters of the 4 species known until then.

*Metoponorthus* Budde-Lund, 1879

Synonym of *Porcellionides* Miers, 1877.

Type species: *Porcellio pruinosus* Brandt, 1933 (designated by Budde-Lund 1908b).

Locality: "Germania" (6 ♂ and 2 ♀ syntypes Brandt Collection, ZMB, mounted on insect pins).

Remarks: *Metoponorthus* Budde-Lund, 1879 is an available name, because some of the included species were already described (see ICZN Art. 12.2.5).

### ***Metriogaster* Vandel, 1974**

Family: Philosciidae.

Type species: *Metriogaster jenolanensis* Vandel, 1974 (m)

Localities: Australia, New South Wales: (1) Mount Emperor, Boyd Plateau, near Jenolan, 1433 m, leaf and bark litter, snowgum woodland; (2) Mount Canobolas, near Orang, under logs, beside Boree Creek; (3) Bungonia Caves area, via Groulborn, in moist doline of Drum Cave, under wood and stones [all syntypes].

*Metriogastor*

Mentioned in Vandel (1973b), apparently a misspelling of *Metriogaster* Vandel, 1974.

### ***Mexiconiscus* Schultz, 1964**

Family: Trichoniscidae.

Type species: *Mexiconiscus tlamayensis* Schultz, 1964 (m) (synonym of *Cordioniscus laevis* Rioja, 1955).

Synonym: *Xilitloniscus* Bowman, 1965.

Locality: Mexico, San Luis Potosi, Xilitla (town), Tlamaya (smaller town), "in a cave on a ranch at El Sontano de Huizmolotitla about 2 km west of Tlamaya", on the bottom of a shallow pool near the bottom of the entrance drop (111 m) (1 ♂ specimen, USNM 247047).

Species: 2.

Remarks: Schultz (1968a) synonymized *Xilitloniscus* with *Mexiconiscus* and *Mexiconiscus tlamayensis* with *Cordioniscus laevis*. He cited the latter species as described by Rioja (1956). Since on the front page of the journal the year 1955 is indicated and we do not have any additional information concerning a later publication date, this is changed here.

*Mexicostylus* Verhoeff, 1933a

Synonym of *Trichorhina* Budde-Lund, 1908), after Mulaik (1960).

Type species: *Mexicostylus squamatus* Verhoeff, 1933a (m).  
Locality: Mexico, Guerrero near Chilopa, in humus in the montane forest (2 ♂, 1 ♀ with 6–7 embryos and 1 other ♀, leg. Schultze, x.1929).

Remarks: Mulaik (1960) reduced *Mexicostylus* to a synonym of *Trichorhina*. By this action, *T. squamata* (Verhoeff, 1933a) became a junior homonym of *T. squamata* Verhoeff, 1926 from the Loyalty Islands.

### ***Mica* Budde-Lund, 1908b**

Family: Porcellionidae.

Type species: *Porcellio tardus* Budde-Lund, 1885 (o).

Locality: Algeria, Tlemcen (2 specimens, leg. Simon; 1 ♀ syntype BMNH 1911:11:8:10533).

Literature: Caruso & Di Maio (1996) redescribed the only species and discussed its synonymy, geographic distribution and affinities.

***Microcercus* Budde-Lund, 1910**

Family: Eubelidae.

Type species: *Cubaris anomala* Gerstäcker, 1873 (designated by Omer-Cooper 1926).

Locality: East Africa, Jipe Lake (1 specimen without cephalothorax, leg. von der Decken).

Synonym: *Anexopoditius* Verhoeff, 1942.

Species: 22.

Distribution: West Africa, East Africa, Madagascar.

Remarks: Budde-Lund (1910) mentioned 7 described and 6 undescribed species. Omer-Cooper (1926) designated the type species. Ferrara (1971) listed 21 species and provided a key only for the 6 species known from Somalia.

*Microdillo* Verhoeff, 1933a

Synonym of *Venezillo* Verhoeff, 1928a.

Type species: *Microdillo mexicanus* Verhoeff, 1933a (m).

Locality: Mexico, Guerrero, near Chilopa, in humus of the montane forest, some specimens between roots of an epiphytic plant, 1 ♀ in the flower of the same plant (8 ♂, 19 ♀, and some juv., leg. Schultze, x.1929).

Remarks: Van Name (1936) reduced *Microdillo* to a synonym of *Cubaris*, subgenus *Venezillo*. Arcangeli (1956) considered *Microdillo* to be a subgenus of *Venezillo* Verhoeff, 1928a. Taiti, Paoli & Ferrara (1998) confirmed that *Microdillo* is a synonym of *Venezillo*.

*Microniscus* Dollfus, 1890a

Preoccupied by *Microniscus* F. Müller, 1871 (Isopoda, Cy-mothoidea, Bopyridae).

Type species: *Microniscus monocellatus* Dollfus, 1890a (m).

Locality: Juan Fernandez Island, beach (♂ holotype, leg. "Challenger Expedition", 18??, BMNH 1927:5:14:41).

Remarks: Green (1961) cited *Oligoniscus* Dollfus, 1890b as a synonym of *Styloniscus*. *Oligoniscus* was introduced as a replacement name for *Microniscus* Dollfus, 1890a.

***Microphiloscia* Vandel, 1973**

Family: Philosciidae.

Type species: *Microphiloscia trichoniscoides* Vandel, 1973 (m).

Locality: Cuba, Prov. Oriente, on S slope of Sierra Maestra, Cueva de la Colorada del Maso

(♂ and ♀, leg. Expédition biolspéologique cubano-roumaine, iii-vi.1969).

***Microsphaeroniscus* Lemos de Castro, 1984**

Family: Scleropactidae?

Type species: *Microsphaeroniscus pallidus* Lemos de Castro, 1984 (o).

Locality: Brazil, Rio de Janeiro State, litoral do Estado de Rio de Janeiro, Ilha de Itacuruçá, Praia de Viola (♂ holotype, 1 ♀ allotype and 7 ♂ and 13 ♀ paratypes, leg. Lemos de Castro & Prazeres, 18.xi.1973); other samples referred to in the original description are not types.

Distribution: Southeast Brazil.

Species: 5.

***Microtitanethes* Pljakic, 1977**

Family: Trichoniscidae.

Type species: *Microtitanethes licodrensis* Pljakic, 1977 (m).

Locality: West Serbia, 5 km E of Krupanj, Stojkovići, near Liperović village, Lukia cave (2 adult ♂, 1 imm. ♂, 2 adult ♀, 3 juv. ♀, leg. 13.i., 19.i. and 04.iv.1975).

Remarks: The detailed information on the specimens is not in the main text of Pljakic (1977), but only in the French summary on p. 169.

***Miktoniscus* Kesselyak, 1930**

Family: Trichoniscidae.

Type species: *Trichoniscus linearis* Patience, 1908 (o, m).

Locality: Kew Gardens, London.

Species: 22.

Distribution: USA, UK, Madeira, Azores.

*Minca* Pearse, 1916

Synonym of *Synarmadillo* Dollfus, 1892.

Type species: *Minca ruthveni* Pearse, 1916 (o, m).

Locality: Colombia, Sierra Nevada de Santa Marta, "Cinnatti Coffee Plantation", under logs (181 specimens., leg. Pearse 17.vii.1913: Univ. Michigan Mus. Zool. Cat. No. 45949; USNM 47945).

Remarks: Arcangeli (1927b) reduced *Minca* to a synonym of *Coxopodias* Richardson, 1910b and regarded the latter as a subgenus of *Synarmadillo*.

***Mingrelloniscus* Borutzky, 1974**

Family: Trichoniscidae.

Type species: *Mingrelloniscus inchhuricus* Borutzky, 1974 (o, m).

Locality: Caucasus, western Grusija, Riki Mts., Gegechkor district, on the left bank of Abash River in Inchuria (2 ♀ paratypes, leg. Dzhannashvili, 04.v.1967; ♂ holotype, 8 ♀ and 1 juv. paratypes, leg. Dzhannashvili, 18.ii.1973, ZMMU).

***Minoscellus* Vandel, 1957b**

Family: Trichoniscidae.

Type species: *Minoscellus caecus* Vandel, 1957b (m).

Locality: Crete, Dept. Rethymno, Spilion Lamia, 6 km from Margaritès (1 ♀, leg. Lindberg, iii-iv.1956); Dept. Heraklion, Khalepa Mts., Sarkhos cave, 20 km SE of Candie (1 ♀, leg. Lindberg, iii-iv.1956).

***Mirtana* Leistikow, 1997**

Family: Philosciidae.

Type species: *Mirtana costaricensis* Leistikow, 1997 (o, m).

Type locality: Costa Rica, Heredia, Cerro Zurqui (leg. C. Valerio, i.1980: ♂ holotype and 6 ♀ paratypes UCR 2071b, 1 ♀ paratype, coll. Leistikow).

***Mongoloniscus* Verhoeff, 1930c**

Family: Porcellionidae.

Type species: *Protracheoniscus (Mongoloniscus) koreanus* Verhoeff, 1930c (o, m).

Locality: Korea (1 ♂, leg. Jacot) [no further information].

Species: 4.

Distribution: China, Korea, Japan.

***Monitus* Lewis, 1998a**

Family: Bathytropidae.

Type species: *Monitus testudinatus* Lewis, 1998a (m).

Type locality: Australia, New South Wales, Mount Warning, 28°24'S, 153°16'E (♂ holotype, 1 ♀ allotype, 1 ♂ and 2 ♀ paratypes, leg. A. Reid, vi.1993, AM P50641, P50642, P50643).

Remarks: The family placement probably is incorrect and needs reexamination.

***Monocyphoniscus* Strouhal, 1939c**

Family: Trichoniscidae.

Type species: *Monocyphoniscus bulgaricus* Strouhal, 1939c (m).

Locality: Bulgaria, "Dupkata Rozjen" cave, Loc. 1114 of "Biospeologica balcanica" (♂ holotype, leg. K. Absolon, 9.viii.1924).

Synonym: *Kosswigi* Verhoeff, 1941d.

Species: 5?

Distribution: Creta, Macedonia, Bulgaria.

***Moserius* Strouhal, 1940**

Family: Trichoniscidae.

Type species: *Moserius percoi* Strouhal, 1940.

Locality: Slovenia, NE of Trieste, Bellinca Jama cave near Storje (1 ♀, leg. L. C. Moser, 18.x.1885).

Species: 2.

Distribution: near Trieste, Toscana, Elba.

***Murgeoniscus* Arcangeli, 1939d**

Family: Trichoniscidae.

Type species: *Murgeoniscus anellii* Arcangeli, 1939d (m).

Locality: Italy, Bari province, comune di Noci, Grotta Gemmabella, N. 6 Pu. (2 ♂, leg. Anelli, 24.i.1938); comune di Castellana, Grave di Castellana, N. 8 Pu. (6 ♂, 5 ♀, leg. Anelli, iv.1938, and 3 ♂, leg. Anelli, 10.ix.1938).

Synonym: *Sanfilippiella* Brian, 1952.

***Musconiscus* Arcangeli, 1930b**

Family: Incertae sedis.

Type species: *Musconiscus romanorum* Arcangeli, 1930b (m).

Locality: Cyrenaica, Wadi Tolmetta (1 ♀, leg. Silvestri 11.iv.1922).

Remarks: Arcangeli (1930b) did not indicate any family placement.

***Myrmecethelum* Verhoeff, 1942d**

Family: Eubelidae.

Type species: *Myrmecethelum camponotorum* Verhoeff, 1942d (m).

Locality: Uganda, Entebbe, in a nest of *Camponotus maculatus* Fabricius var. *schultzei* Forel (1 specimen, leg. Schultze, ZMH).

***Myrmecodillo* Arcangeli, 1934**

Family: Armadillidae.

Type species: *Diploexochus hypselos* Barnard, 1932 (m).



Locality: South Africa: Natal, Krantzkop, in ants' nests under stones (leg. K. H. Barnard, 1917).

Species: 5.

Distribution: Tonga, Hawaii, Mauritius, Réunion, Sulawesi.

*Myrmeconiscus* Verhoeff, 1941d

Subgenus of *Porcellionides*?

Type species: *Porcellio myrmecophilus* Stein, 1859 (designated by Vandel 1962).

Locality: Dalmatia, near Cattaro, in ants' nests ("Atta structor").

Species: 2 (after Vandel 1962).

Remarks: Described as subgenus of *Metoponorthus*, with 6 species included. The mention of *Porcellio myrmecophilus* as type species of *Myrmeconiscus* by Vandel (1962) is regarded as designation of the type species, according to ICZN Art. 69.1.1. Vandel wrote that only one more species (*delatini* Verhoeff, 1941d) was included with certainty.

***Myrmekiocellio* Verhoeff, 1936d**

Family: ?

Type species: *Myrmekiocellio squamatus* Verhoeff, 1936d (m).

Locality: Bulgaria, Skakavitza, with *Tetramorium caespitum* (exact number of specimens not given, at least 1 ♂, 1 ♀, leg. Atanassov, 15.ii.1934).

*Myrmicellio* Verhoeff, 1942b

Synonym of *Trichorhina* Budde-Lund, 1908b.

Type species: *Myrmicellio buchnerorum* Verhoeff, 1942b (m).

Locality: Italy, near S. Agnello di Sorrento, "Il pecorello" valley near "Il Pizzo" park (parts of 1 ♂ mounted on 2 slides, 2 ♀, and one slide with 3 specimens and fragments of a ♀; leg. P. Buchner & G. Buchner, 15.ix.1940/41, ZSM).

*Nagara* Budde-Lund, 1908b

Synonym of *Nagurus* Holthuis, 1949.

Type species: *Porcellio cristatus* Dollfus, 1889 (o).

Locality: Surinam (2 ♀ syntypes, leg. ten Kate, MNHN-Is2177).

Remarks: Preoccupied by *Nagara* Walker, 1865 (Insecta, Lepidoptera); Holthuis (1949) replaced it by *Nagurus*.

***Nagaroides* Wahrberg, 1922**

Family: "Trachelipodidae".

Type species: Not designated.

Species originally included:

1. *Porcellio (Nagaroides) gracillima* Wahrberg, 1922: Australia, Queensland, Yarrabah (1♂, 10 ♀ syntypes, NHRS).

2. *Porcellio (Nagaroides) tumida* Wahrberg,

1922: Australia, Queensland, Mt. Tambourine, associated with *Rhytidoponera convexa* Mayr (3 ♂, 5 ♀ syntypes, NHRS).

3. *Porcellio (Nagaroides) decliva* Wahrberg, 1922: Australia, Queensland, Herberton, Atherton (9 ♂, 5 ♀ syntypes, NHRS).

4. *Porcellio (Nagaroides) longiflagellata* Wahrberg, 1922: Australia, Queensland, Herberton (1 ♂ holotype, NHRS).

Species: 6.

Distribution: Australia, Sunda Islands.

***Nagurus* Holthuis, 1949**

Family: Trachelipodidae.

Type species: *Porcellio cristatus* Dollfus, 1889 (o).

Locality: Surinam (2 ♀ syntypes, leg. ten Kate, MNHN-Is2177).

Synonyms: *Nagara* Budde-Lund, 1908b; *Heminagara* Jackson, 1933; *Bifrontonia* Radu, 1960; *Australoniscus* Vandel, 1973.

Species: 60?

Distribution: Worldwide.

Literature: Kwon & Taiti (1993) gave diagnostic characters of 2 east Asian species; Schmalzfuss (1994) described or redescribed 3 species occurring in Greece. For most other species, no sufficient descriptions are available.

***Nahia* Budde-Lund, 1908b**

Family: Philosciidae.

Type species: *Philoscia hirsuta* Budde-Lund, 1906(m).

Localities: South Africa, Simons town, mountain slope, under stones (6 specimens, 19.vi. 1903), (1 specimen, 22.vi.1903); Millers Point, under moist leaf litter, and besides a wall under grass (6 specimens); leg. Deutsche Südpolar-Expedition 1901-1903.; "syntypes mixed with other non-type specimens collected by Schultze in Cape Town" (BMNH 1921:10:18:2022-2033); (4 syntypes, ZMB 11423); 5 syntypes (ZMH 18430-18431).

Remarks: Elevated to generic rank by Stebbing (1910).

*Naliota* Budde-Lund, 1908b

Synonym of *Chaetophiloscia* Verhoeff, 1908.

Type species: *Philoscia pulchella* Budde-Lund, 1885 (o, m).

Localities: France, Corsica (Simon), Italy (Bergsøe), Sicilia (Museum St. Petersburg), Crimea (Uljanin), Algeria

(Meinert, Simon): numerous specimens, syntypes [unknown which of them are still extant]; (several syntypes, ZMUC CRU-1588); locality unknown (3 ♂ syntypes, BMNH 1912:10:18:2017-2019).

Distribution: Southern Europe, northern Africa, Corsica, Crimea, Albania.

Remarks: The first citation of this name that we could find is in Budde-Lund (1908b, p.290): "*Naliota (Philoscia) pulchella* (Taf.16 Fig.5)". It is also found in a list of genera in Budde-Lund (1910). Vandel (1962) included *Philoscia pulchella* as a synonym of *Chaetophiloscia elongata* (Dollfus, 1884), and reduced *Naliota* a synonym *Chaetophiloscia*.

### ***Namiboniscus* Schmidt, 2001**

Crinocheta, Olibrinidae.

Type species: *Namiboniscus brevicornis* Schmidt, 2001.

Localities: Namibia, 23°14'S, Paaltjies IV (1 ♂ holotype and 1 ♀ paratype, leg. J. Laudien, 24.iv.1998, ZMB 27344 (a) + slides 4677-4681); Namibia, 23°14'S, Paaltjies IV (1 ♂ paratype, leg. J. Laudien, 10.x.1999, ZMB 27344 (b)); Namibia, Langstrand, 23°10'S, Gezeitenbereich/Sandstrand (1 ♀ paratype, leg. J. Laudien, 10.v.1998, ZMB 27344 (c) + slides 4682-4683).

*Nasigerio* Verhoeff, 1907

Synonym of *Trachelipus* Budde-Lund, 1908b.

Type species: Not designated.

Locality: Dalmatia, Zadar.

Remarks: Verhoeff (1907) instituted *Nasigerio* as a subgenus of *Porcellio*, to include the species *Porcellio rhinoceros* Budde-Lund, 1885, *echinatus* Lucas, 1849, *moebiusi* Verhoeff, 1901 and *lamellatus* Uljanin, 1875. Verhoeff (1917b) left only *P. rhinoceros* in *Nasigerio* and transferred the other species to *Haloporcellio*. However, according to ICZN Art. 69.4, the exclusion of all but one species is not equivalent to a designation of a type species. Therefore the type species is regarded as not designated. *P. rhinoceros* belongs to the genus *Trachelipus*; therefore *Nasigerio* is considered a synonym of that name.

*Nataldillo* Verhoeff, 1942d

Nomen nudum.

*Nataldillo* Verhoeff, 1942f

Unavailable name, according to ICZN § 13b.

### ***Nataldillo* Taiti, Paoli & Ferrara, 1998**

Family: Armadillidae.

Type species: *Nataldillo brauni* Verhoeff, 1942f (designated by Taiti, Paoli & Ferrara, 1998) (synonym of *Cubaris burnupi* Collinge, 1917) after Taiti, Paoli & Ferrara (1998).

Locality: South Africa, Natal, near Pietermaritzburg, Fort Napier (leg. R. Braun, 1917; ZMH?).

Species: 12.

Distribution: South Africa: Natal.

Verhoeff (1942d) when introducing the genus referred to 10 species mentioned by Collinge (1917), without citation of their names. The names are given in Verhoeff (1942f), together with one new species, but no type species was designated. Taiti & Harding (1985) referred to *Nataldillo burnupi* (Collinge, 1917) as "comb. nov.", which was incorrect, because Verhoeff (1942f) had already transferred *Cubaris burnupi* to the genus *Nataldillo*. Taiti, Paoli & Ferrara (1998) validated the name by choosing a type species, and reduced *Nataldillo brauni* to a synonym of *Cubaris burnupi*.

### ***Nataloniscus* Ferrara & Taiti, 1985**

Family: Philosciidae.

Type species: *Nataloniscus lawrencei* Ferrara & Taiti, 1985 (o, m).

Locality: South Africa: Natal, Mazongwan Forest (♂ holotype, 4 ♀ paratypes, leg. R. F. Lawrence, xi.1940; NMP 2511); junction between Black and White Umfolozi (1 ♂ paratype, leg. I. Trägårdh, 30.vi.1905, ZIUL 3367); NMP type no. 2754 (unclear to which specimens this number refers).

*Natalscia* Verhoeff, 1942

Synonym of *Nahia* Budde-Lund, 1908b.

Type species: *Philoscia warreni* Collinge, 1917 (o, m).

Locality: South Africa, Natal, Umbilo Bush, near Durban (type in the Natal Museum; leg. E. Warren, 16.ix.1915).

Species: 9.

Distribution: South Africa.

Remarks: According to Barnard (1932), *Philoscia warreni* is a synonym of *Nahia hirsuta* (Budde-Lund, 1906). Taiti & Ferrara (1980) propose to accept this view but they do not seem to have examined the type specimens.

*Nematoniscus* Verhoeff, 1930a

Synonym of *Mesoniscus* Carl, 1906.

Type species: *Trichoniscus prenjanus* Verhoeff, 1901 (designated by Gruner & Tabacaru 1963).

Locality: [Bosnia and Herzegovina], Mt. Prenj, 1400 m.

Remarks: Gruner & Tabacaru (1963) demonstrated that both species of *Nematoniscus* were founded on juvenile specimens of *Mesoniscus graniger* (Fruvaldsky, 1865). They referred to *Trichoniscus prenjanus* as type species by original designation. As we could not find any sign of

this original designation in Verhoeff (1930a), we consider the type species being designated by Gruner & Tabacaru (1963).

***Neodillo Dalens, 1990***

Family: Armadillidae.

Type species: *Neodillo simplex* Dalens, 1990 (m).

Locality: Papua New Guinea, Western Province, cave Selminum tem (19 ♂, 33 ♀, 10 immatures, leg. Beron & Chapman, 21–30.viii. 1975; holotype NMNHS, paratypes MNHN, other paratypes MAGNT).

Species: 2.

Remarks: In the original description a large number of samples are mentioned, but only the above cited is designated as “série type”.

*Neophiloscia* Strouhal, 1929

Synonym of *Chaetophiloscia* Verhoeff, 1908c.

Type species: *Neophiloscia magnopunctata* Strouhal, 1929 (m) (synonym of *Philoscia cellaria* Dollfus, 1884).

Locality: Creta: Merades village near Kastelli Kisamu (1 ♀, leg. A. Schulz, 07.iii.1925).

Remarks: *Neophiloscia* was reduced to a synonym of *Chaetophiloscia* by Schmalzfuss (1972). The species names were synonymized by Schmalzfuss (1990a).

***Neosanfilippia Brian, 1957***

Family: Scleropotidae.

Type species: *Neosanfilippia venezuelana* Brian, 1957 (m).

Locality: Venezuela, Estado Falcón, Cueva de Rio Gueque (ca. 40 km SE Coro), 1200 m (15 ♀, 6 ♂, 4 juveniles, leg. Sanfilippo, 12.vii.1956; MG).

Species: 2.

Distribution: Venezuela, Ecuador.

***Neotrichoniscus Brian, 1959***

Family: Trichoniscidae.

Type species: *Neotrichoniscus manninoi* Brian, 1959 (m).

Locality: Italia, Prov. di Palermo, Grotta Conza (♀ holotype, leg. G. Mannino).

***Neotroponiscus Arcangeli, 1936c***

Family: Bathytropidae.

Type species: *Neotroponiscus carolii* Arcangeli, 1936c (m).

Locality: Brazil, Sao Paulo, Pirajù (2 ♀, 1911).

Synonym: *Brasilocellio* Verhoeff, 1941a.

Species: 9.

Distribution: South America.

Literature: Lemos de Castro (1970a) gave a review of 4 species. Although few details of the appendages were figured, the species seems to be easily recognized by the surface sculpture and the shape of the cephalic lobes and the pleotelson. Lemos de Castro (1970b) described 4 new species.

***Nesiotoniscus Racovitza, 1908***

Family: Trichoniscidae.

Type species: *Nesiotoniscus corsicus* Racovitza, 1908 (o, m).

Locality: Corsica, “Grotte de Pietralbello”, Biopéologica no. 187 (12 ♂ and 20 adult and immature ♀, 09.i.1907; 1 ♂ and 1 ♀ syntypes, BMNH 1910:1:10:12-13).

Synonym: *Estereloniscus* Vandel, 1942.

Species: 5 (after Taiti & Ferrara 1996).

Distribution: Southern France, Corsica, Capraia Island.

***Nesodillo Verhoeff, 1926a***

Family: Armadillidae.

Type species: *Nesodillo sarasini* Verhoeff, 1926a (designated by Taiti, Paoli & Ferrara, 1998).

Localities: New Caledonia: Tchalabel, numerous specimens under limestone stones, 04.v. 1911; Oubatche, iii.1911; Hienhène, 05.vi. 1911; Koné, 04.viii.1911; at Koné River, 18.viii.1911; Loyalty Islands: Maré (1 ♀ with mancas, 14 mm, 01.xii.1911); Lifou, Képenee, 25.iv. and 05.v.1911; Nathalo. 01.v.1911 (all samples: leg. Sarasin & Roux); “New Caledonia” (1 ♂ and 1 ♀ syntype, BMNH 1928:7:4:17 and 1938:7:7:58).

Synonym: *Triadillo* Vandel, 1973b.

Species: 5 nominal species.

Distribution: New Guinea.

Remarks: Reduced to a synonym of *Cubaris* Brandt, 1833 by Vandel (1946); Taiti, Paoli & Ferrara (1998) again considered it as a valid genus.

*Nesolidium* Verhoeff, 1942

Synonym of *Alloschizidium* Verhoeff, 1919.

Type species: *Troglarmadillidium buchnerorum* Verhoeff, 1942 (m).

Locality: Ischia, Castiglione, in decaying wood (leg. P. Buchner & G. Buchner, 23.i.1940/41).

Remarks: Described as a subgenus of *Troglarmadillidium* Verhoeff, 1900. Taiti & Ferrara (1996) reduced *Nesolidium* to a synonym of *Alloschizidium*.

*Nesoligia* Verhoeff, 1926a

Subgenus of *Ligia* Fabricius, 1798.

Type species: *Ligia novaeseelandiae* Dana, 1853 (as *Ligia novi-zealandiae*) (m?).

Locality: New Zealand, North Island, Bay of Islands, along shore, under kelp etc.

Remarks: Described as a separate genus.

### ***Nesoniscus* Verhoeff, 1926a**

Family: Philosciidae

Type species: Not designated.

Species originally included:

1. *Nesoniscus longicornis* Verhoeff, 1926: New Caledonia: Ignambi Mt., 700 m (4 specimens, leg. Sarasin & Roux, 8.vii.1911).
2. *Nesoniscus noduligerus* Verhoeff, 1926: New Caledonia: Ignambi Mt., 500-600 m (1 ♂, 1 ♀ with marsupium, leg. Sarasin & Roux, 7.ix.1911); Panié Mt., 500 m, forest (2 ♂, leg. Sarasin & Roux, 27.vi.1911).

### ***Nesophiloscia* Vandel, 1968**

Family: Philosciidae.

Type species: *Philoscia culebroides* Van Name, 1924(m).

Locality: Galapagos, Tower Island, on the underside of a slab of lava (1 ♂, leg. "Harrison Williams Expedition", 28.iv.1923; AMNH 4838).

### ***Niambia* Budde-Lund, 1904**

Family: Platyarthridae.

Type species: *Leptotrichus squamatus* Budde-Lund, 1885 (designated by Schmalfuss & Ferrara 1978).

Localities: Southern Africa, "Laudana" (1 specimen, coll. Simon), "Chinchoxo" (2 specimens); (2 syntypes, ZMB 5548); Congo[?], Laudana (1 ♂ syntype, BMNH 1921:10:18:1453).

Synonym: *Thomsenia* Panning, 1924.

Species: 20.

Distribution: Southern Africa.

Remarks: Budde-Lund (1904) included 3 species. The mention of *Leptotrichus squamatus* as type species of *Niambia* by Schmalfuss & Ferrara (1978) is regarded as designation of

the type species, according to ICZN Art. 69.1.1.

*Nippoligidium* Borutzky, 1950

Subgenus of *Ligidium* Brandt, 1833.

Type species: *Ligidium japonicum* Verhoeff, 1918 (o, m).

Locality: Japan, Hokkaido ("64 specimens and 1 albino female", leg. Sauter, ZSM).

### ***Nippononethes* Tabacaru, 1996**

Family: Trichoniscidae.

Type species: *Hyloniscus uenoi* Vandel, 1968.

Localities: Japan, Tokushima prefecture, Kamina-cho, cave Himise-do (1 ♀, leg. M. Kiuchi, 23.xi.1965; 2 ♂, leg. S. Ueno, 2-3.iv.1967; 2 ♂, leg. M. Kiuchi, 10.xii.1967; 1 ♂, 6 ♀, leg. S. Ueno, 02.v.1968); Tokushima prefecture, Anan-shi, Kurogo, Mt. Tairyujisan, cave Ryu-no-iwaya (1 ♀, leg. Kiuchi, 05.xi.1967; 1 ♂, 3 ♀, leg. Ueno, 02.v.1968); Tokushima prefecture, Kisawa-mura, Takanono, Mt. Hizuka-yama, cave Togen-daiichi-do (2 ♀, leg. M. Yoshida, 23.vii.1967); all syntypes.

### ***Notoniscus* Chilton, 1915**

Family: Styloniscidae.

Type species: *Haplophthalmus helmsi* Chilton, 1901 (designated by Green 1961).

Locality: New Zealand: Greymouth (1 specimen, leg. R. Helms).

Species: 7?

Distribution: New Zealand, Tasmania, Juan Fernandez Is.

### ***Novamundoniscus* Schultz, 1995a**

Family: Dubioniscidae.

Type species: *Phalloniscus vandeli* Lemos de Castro, 1959(o).

Localities: Brazil: Rio de Janeiro State, Carmo do Rio Claro, Minas Gerais (leg. J. C. M. Cavalho, 1952); Três Rios, Rio de Janeiro (leg. Lemos de Castro, 01.iv.1951).

Species: 6-12.

Distribution: Brazil, Venezuela.

*Ocelloscia* Schultz & Johnson, 1984

Synonym of *Atlantoscia* Ferrara & Taiti, 1981.

Type species: *Philoscia floridana* Van Name, 1940.

Locality: Florida, Counties: Levy, St. Johns (leg. F. E. Lutz, ii.1939, ♂ holotype AMNH 9023, ♀ paratype AMNH 9024).

Remarks: Reduced to a synonym of *Atlantoscia* by Taiti & Ferrara (1991b).

***Ochetodillo* Verhoeff, 1926a**

Family: Armadillidae.

Type species: *Ochetodillo sulcatus* Verhoeff, 1926a(m).

Locality: New Caledonia, Humboldt mountain, 1100-1600 m (6 specimens, ♂ and ♀, leg. Sarasin & Roux, 17-18.ix.1911).

***Okeaninoscia* Vandel, 1977a**

Family: Philosciidae.

Type species: *Philoscia olivieri* Chilton, 1911 (m).

Localities: Kermadec Archipelago, Sunday Island, Expedition Hill and Mount Junction (several specimens, leg. W. R. B. Oliver, 1908).

Remarks: Vandel never saw the specimens on which Chilton had based his description. His assumption that his own material is conspecific with Chilton's species is based on nothing more than that they occur in the same habitat.

***Olibrinus* Budde-Lund, 1913a**

Family: Olibrinidae.

Type species: *Trichoniscus antennatus* Budde-Lund, 1902 (designated by Taiti, Ferrara & Kwon, 1992).

Locality: Malay Peninsula, no further information (several specimens, leg. "Skeat Expedition").

Synonyms: *Camorta* Barnard, 1932; *Marinoniscus* Nunomura, 1986.

Species: 9.

Distribution: West Malaysia, Okinawa, Japan, Somalia, Solomon Islands, Madagascar, Nicobar Islands.

*Oligoniscus* Dollfus, 1890b

Synonym of *Styloniscus* Dana, 1852.

Type species: *Microniscus monocellatus* (Dollfus, 1890a) (m).

Locality: Juan Fernandez Island, beach (♂ holotype, leg. "Challenger Expedition", 18??, BMNH 1927:5:14:41).

Remarks: Synonym of *Styloniscus* (after Green 1961). *Oligoniscus* was introduced by Dollfus (1890b) as a replacement name for the preoccupied name *Microniscus*. Green (1961) reduced it to a synonym of *Styloniscus*.

***Omanodillo* Taiti, Ferrara & Davolos, 2000**

Classification: Crinocheta, Eubelidae.

Type species: *Omanodillo gardneri* Taiti, Ferrara & Davolos, 2000.

Localities: Oman, Wadi Bani Auf, Jabal Akhdar, 23°12'N, 57°23'E, 800 m, on rocks in wadi pools, leg. A. S. Gardner, 04.vi.1998 (♂ holotype MZUF, 18 ♂, 32 ♀ paratypes ONHM); Sharfat al-Alamayn, Jabal Akhdar, 23°09.70'N, 57°25.80'E, 2100 m, under stones by the road (3 ♂, 14 ♀ paratypes, leg. A. S. Gardner, 19.ix.1997, MZUF).

***Oniscomorphus* Jackson, 1938**

Family: Philosciidae?

Type species: *Cerberoides (Oniscomorphus) bicornis* Jackson, 1938 (m).

Locality: Rapa, northeast ridge of Mt. Perahu, 400-460m (leg. Zimmermann, 15.vii.1934).

Remarks: The type species was described as a subgenus of *Cerberoides* Jackson, 1938, but Jackson did not designate a type species for that genus; thus the name *Cerberoides* is unavailable according to ICZN Art. 13.3. It is replaced by the available subgenus name, which therefore "automatically" rises to generic rank.

***Oniscophiloscia* Wahrberg, 1922**

Family: Philosciidae.

Type species: *Philoscia (Oniscophiloscia) mirifica* Wahrberg, 1922 (m).

Locality: Chile, Juan Fernández Island, Masatierra.

Species: 4.

Distribution: Juan Fernández Islands and adjacent coast of Chile.

***Oniscus* Linné, 1758**

Family: Oniscidae.

Type species: *Oniscus asellus* Linné, 1758 (designated by Audouin 1823).

Locality: Sweden, Uppsala, Linneträdgården (♂ neotype, BMNH 1994.3341, designated by ICZN Opinion 1837).

Species: 6.

Distribution: Northern part of Iberian Peninsula; *O. asellus* is widespread in Europe except for the Mediterranean.

Remarks: In Linné's original description, no information on the geographic distribution was given, only some details on the habitat. Bilton

(1994) wrote that he had examined a specimen from the Linné collection, with the label “*asellus*”, which belongs to the species now called *Porcellio scaber*. In order to avoid confusion, he proposed to designate a neotype from Linnéträdgården, Uppsala, Sweden.

Literature: Bilton (1992) provided a key to species and described several new species (1992, 1997).

### **Oreades Vandel, 1968**

Family: Philosciidae.

Type species: *Oreades lativentris* Vandel, 1968 (m).

Locality: Ecuador (E. C. 18), Oriente, Forêt tropicale à Puyo, 800 m alt., humus, iv.1965 (1 ♀ with marsupium, IRSNB).

### **Oregoniscus Hatch, 1947**

Family: Trichoniscidae.

Type species: *Oregoniscus nearcticus* (Arcan-geli, 1932) (o, m).

Locality: USA, Oregon, Mac Leay Park, Portland (1 ♀, leg. Silvestri, 28.viii.1930).

### **Oritoniscus Racovitza, 1908**

Family: Trichoniscidae.

Type species: *Trichoniscoides pyrenaicus* Racovitza, 1907a (o).

Localities: Pyrenean Mts: Spain, Prov. Huesca, Villanua, “Cueva de abaho del Collarada”, Biospéologia no. 52 (9 adult and 4 immature ♂, 3 adult and 6 imm. ♀, 30.viii.1905); France, Dépt. Basses-Pyrénées, Lees-Athas, “Grotte du Plan à Barbe”, Biospéologia no. 58 (1 ♂ and 1 ♀, 02.ix.1905); France, Dépt. Basses-Pyrénées, Les Eaux-Chaudes, “petite grotte des Eaux-Chaudes”, Biospéologia no. 61b (1 ♂, 04.ix.1905); France, Dépt. Basses-Pyrénées, Arudy, “Grotte d’Arudy”, Biospéologia no. 73 (10 adult and immature ♂, 22 ♀, 3 of them ovigerous, 3 juv., 06.ix.1905).

Species: 12.

Distribution: Northwestern Mediterranean, western Europe, Crete (?).

Remarks: Described as subgenus of *Trichoniscus*.

### **Orodillo Verhoeff, 1926a**

Family: Armadillidae.

Type species: *Orodillo collaris* Verhoeff, 1926a (m).

Localities: New Caledonia, Ignambi forest, 700–800 m (08.vii.1911); Ignambi, 1300 m (15. iv.1911); Panié Mt., 1400 m (28.vi.1911, leg. Sarasin & Roux, “several specimens”).

Species: 2.

Distribution: New Caledonia, Taiwan.

### **Oroniscus Verhoeff, 1908c**

Family: Oniscidae.

Type species: *Oniscus helveticus* Verhoeff, 1896 (o).

Locality: Switzerland: Zermatt (2 ♂ and 2 ♀, leg. Verhoeff, ix.1892).

Species: 7?

Distribution: Slovenia, Dalmatia, Austria, Switzerland.

### **Oropactes Ferrara & Taiti, 1982**

Family: Eubelidae.

Type species: *Oropactes novus* Ferrara & Taiti, 1982 (o).

Localities: Tanzania, Uluguru Mountains, Lukwangu Plateau, 2400–2600 m (1 ♂, 3 ♀, leg. L. Berger, N. Leleup & J. Debecker, 2–22.vii.1971, MRAC 55185); Vallée Ulubundo, 1500 m (5 ♂, 5 ♀, leg. P. Basilewsky & N. Leleup, 8.v.1957, MRAC 55181); same data (1 ♀, MRAC 55191); Bunduki, gorge Mungula, 1500 m, transitional forest, in humus (1 ♂, 2 ♀, leg. P. Basilewsky & N. Leleup, 1–6.v.1957, MRAC 51225); same data (3 ♂, 2 ♀, MRAC 55182); Bunduki, 1300 m (1 ♂, leg. P. Basilewsky & N. Leleup, 2.v.1957); Bunduki, 1300 m, “vestige de forêt ombrophile”, humus (4 ♂, 6 ♀, leg. P. Basilewsky & N. Leleup, 2.v.1957, MRAC 51201); syntypes.

Species: 4.

Distribution: Tanzania, Uluguru Mts.

### **Oroschia Verhoeff, 1926a**

Family: Philosciidae.

Type species: Not designated.

Species originally included:

1. *Oroschia squamuligera* Verhoeff, 1926a: New Caledonia: Ngoi Valley, 200 m (2 specimens, leg. Sarasin & Roux, 17.ix.1911), Humboldt

Mt., 1100 m (20 specimens, leg. Sarasin & Roux, 17.ix.1911).

2. *Oroschia paniensis* Verhoeff, 1926a: New Caledonia: Panié Mt., 500 m (leg. Sarasin & Roux, 27.vii.1911), 1000-1400 m (leg. Sarasin & Roux, 28.vii.1911).

***Orthodillo* Vandel, 1973**

Family: Armadillidae.

Type species: *Orthodillo chiltoni* Vandel, 1973 (m).

Locality: Lord Howe Island, 31°33'S, 159°05'E (leg. Yaldwin & Griffin).

***Orthometopon* Verhoeff, 1917**

Family: "Trachelipodidae".

Type species: *Metoponorthus dalmatinus* Verhoeff, 1901 (designated by Schmalfuss 1993).

Localities: S Dalmatia, Metkovic (1 ♂, 1 ♀, leg. Verhoeff); Corfu (leg. Verhoeff [number of specimens not stated]).

Species: 9.

Distribution: Greece, southern France, Switzerland, Austria, Italy, Sicily, Istria, Dalmatia, Hungary, Turkey.

Remarks: Verhoeff (1917) included the 2 species *planus* Budde-Lund and *dalmatinus* Verhoeff, 1901.

Literature: Schmalfuss (1993) redefined the genus, gave a list of species and described or redescribed the Greek species (7, incl. 3 new). The mention of *Metoponorthus dalmatinus* as type species of *Orthometopon* by Schmalfuss (1993) is regarded as designation of the type species, according to ICZN Art. 69.1.1.

*Orthonus* Miers, 1878

Invalid name.

Remarks: Miers (1877) introduced *Orthonus* as a new genus and placed *Armadillo* sensu Brandt (1833) and Milne-Edwards (1840) in its synonymy. *Orthonus* included *Armadillo officinalis* Duméril, 1816 and *Armadillo inconspicuus* Miers, 1876. The International Commission of Zoological Nomenclature (1998) placed *Orthonus* Miers, 1878 on the Official Index of Rejected and Invalid Generic Names in Zoology, as a junior objective synonym of *Armadillo* Latreille, 1802 (which also means, that the Commission regarded *Armadillo officinalis* as the type species of *Orthonus*. In the paper of Miers the date "June 19, 1877" is indicated, although the Commission cited this as Miers [1878]. Probably the date refers only to a session of the Zoological Society.

*Orthotrigonium* Verhoeff, 1933b

Unavailable name (ICZN Art. 13.3); subgenus of *Armadillidium* Brandt in Brand & Ratzeburg, [1931].

Type species: Not designated.

Species originally included:

1. *Armadillidium (Orthotrigonium) teramense* Verhoeff, 1933b: Italy, Teramo (1 ♂, 5 ♀, leg. Verhoeff, 16.ix.1931).
2. *Armadillidium ephesiacum* Strouhal, 1927: Ephesos (1 ♂, 5 ♀, leg. F. Werner, v.1901).

*Ourachoerus* White, 1847

Type species: *Ourachoerus caudatus* White, 1847 (m).

Remarks: Both genus and species names are nomina nuda without any description.

***Ourachaerus* Kinahan, 1859**

Family: Incertae sedis.

Type species: *Ourachaerus caudatus* Kinahan, 1859(m).

Locality: Unknown (1 specimen without posterior segments, holotype, BMNH 1973: 514:1).

***Oxalaniscus* Leistikow, 2000c**

Classification: Crinocheta.

Type species: *Philoscia ctenoscoides* Mulaik, 1960.

Localities: Mexico, Chiapas, Ruinas de Palenque (♂ holotype, several paratypes, incl. 1 ♀, leg. C. & M. Goodnight, 13.vii.1949); Chiapas, Finca Guautimoc (several paratypes, leg. C. & M. Goodnight, 2.vii.1950); Tabasco, Emiliano Zapata (several paratypes, leg. 15.viii.1945); Quintana Roo, Puerto Morelos (several paratypes, leg. B. F. Osorio Tafall, xi. 1947); Quintana Roo, Isla Cozumel (several paratypes, leg. B. F. Osorio Tafall, 24.xi. 1947, IPNM 1628).

Remarks: Leistikow (2000c) redescribed *Philoscia ctenoscoides* on the basis of the type specimens. From his paper it seems that the museum number refers to all material mentioned above.

[*Oxyuropoda* Carpenter & Swain, 1908

Type species: *Oxyuropoda ligioides* Carpenter & Swain, 1908 (m).

Remarks: This Devonian fossil is, despite its odd ligioid habitus, not a member of the Isopoda. However, Vandel (1946) referred to it as the oldest fossil documentation of the Oniscidea.]

*Pachyderes* Budde-Lund, 1908 b

Subgenus of *Porcellio* Latreille, 1804.

Type species: *Porcellio obsoletus* Budde-Lund, 1885 (o).  
Localities: Cyprus (1 specimen "in Mus. Schaufuss"); Istanbul (2 specimens "Mus. Uljanin"); Krym (many specimens; "Mus. Petersburg"); (8 syntypes, BMNH 1921:10:18:5002-5007).

*Pachydillo* Arcangeli, 1934  
Unavailable name (ICZN Art. 13.3).

***Pachydillo Taiti, Paoli & Ferrara, 1998***

Family: Armadillidae.

Type species: *Diploexochus rhodesiensis* Barnard, 1932 (designated by Taiti, Paoli & Ferrara 1998).

Localities: Zimbabwe (Rhodesia), Bulawayo and Salisbury (leg. R. W. E. Tucker); Namibia, Damaraland (leg. K. H. Barnard, 1921); Great Namaqualand (leg. K. H. Barnard, 1925).

Species: 2.

Distribution: Southern Africa.

Remarks: Arcangeli (1934) included 2 species. Taiti, Paoli & Ferrara (1998) validated the name by choosing a type species.

*Pacroscia* Vandel, 1981  
Unavailable name (ICZN Art. 13.3.); Family: "Philosciidae".

Type species: Not fixed by the author, ICZN Art. 13.3.: unavailable name.

Species originally included:

1. *Pacroscia decouii* Vandel, 1981: Cuba, prov. Oriente, Hoyo de Faniá, in litter (leg. Decou & Negrea, 13.iv.1973).
2. *Pacroscia elongata* Vandel, 1981: Cuba, prov. Matanzas, Cueva La Pluma, on guano (leg. Orghidan, 30.iv.1973).

***Pagana Budde-Lund, 1908b***

Family: "Trachelipodidae".

Type species: *Metoponorthus dimorphus* Dollfus, 1895a(o).

Locality: Réunion (2 ♂, 1 ♀ with marsupium, 2 ♀, leg. Ch. Alluaud, iv-viii.1893, MNHN-Is5746); same data (1 ♀ syntype, MNHN-Is5747); same data (2 ♂, 2 ♀ with marsupium, syntypes, MNHN-Is5748).

Species: 6.

Distribution: Mauritius, Seychelles, Réunion.

***Palaioscia Vandel, 1973***

Family: Philosciidae.

Type species: *Palaioscia alticola* Vandel, 1973 (m, o).

Localities: New Guinea: near Goroka, 1550 m;

Mt. Wilhelm, on the shore of Aunde lake, 3625 m (leg. P. Jolivet).

***Panningillo Verhoeff, 1942e***

Family: Eubelidae.

Type species: *Panningillo schultzei* Verhoeff, 1942e(m).

Locality: Cameroon, Compo River (1 ♀ with empty marsupium, leg. A. Schultze, 11.vii.1911, ZMH).

***Papuadillo Vandel, 1973c***

Family: Armadillidae.

Type species: *Nesodillo papuae* Jackson, 1930 (o).

Locality: Western New Guinea, Angi Gita (Arfak), on *Asplenium*, in mixed forest with *Araucaria* at 2100 m altitude, leg. Prince Leopold of Belgium, 10.iii.1929.

Species: 2.

Distribution: New Guinea, Bismarck Archipelago, New Ireland.

***Papuaphiloscia Vandel, 1970***

Family: Philosciidae.

Type species: *Papuaphiloscia insulana* Vandel, 1970(m).

Localities: Japan, Riu-Kiu Archipelago, Okineraabu Island, China-chô, Shinjô, 'Yaja-gô' cave (♂ and ♀, leg. Ueno & Morimoto, 05.viii.1958; NSMT, MNHN).

Synonym: *Haplophiloscia* Schultz, 1973.

Species: 11.

Distribution: Bismarck Archipelago; China: Hubei, Hainan Dao; Guadalcanal; Hawaii; New Guinea; Japan: Okinawa; New Zealand.

***Papuasoniscus Vandel, 1973***

Family: Bathytropidae.

Type species: *Papuasoniscus holthuisi* Vandel, 1973(o, m).

Localities: **Western New Guinea:** (1) Cap Suadja, NE of Humboldt Bay, 2°32'S, 140°48'E, forest litter, on top of limestone hill (05.i.1954); (2) Hollandia-Binnen, near Hôtel du Gouvernement, 2°37'S, 140°42'E, secondary forest litter [sur un sol de serpentine] (22.i.1954); (3) Colline Jarremoh, near "Polimacweg" road near Hollandia, 2°33'S, 140°46'E, forest litter, on limestone soil (31.xii.1953); (4) Jautefa Bay, near Hollandia,



2°37'S, 140°45'E, rather dry forest, litter at base of north slope (26.xii.1953); (4) Kameri, Numfoor island, in Geelvinck Bay, N of western New Guinea, 0°58'S, 134°52'E (02.iii.1955) (preceding samples leg. Holt-huis or van der Hammen, in RNHL); (5) Bismarck Archipelago, New Britain, Valoka, at the seashore, at the end of Cape Hoskins "Berlese sample Nr 72-83", primary forest (leg. T. Wolff, 1962, 2 specimens, ZMUC CRU-6738, ZMUC CRU-9373). – **Solomon Archipelago: Santa Isabel:** (6) Cockatao island, shore litter (1 ♂, leg. P. N. Lawrence, 19-20.ix.1965, BMNH 1970:406:1); (7) SE of Cockatao Is. (2 ♂, 1 ♀, leg. P. N. Lawrence, 19-20.ix.1965, BMNH 1970:409:3); (8) Lihinia Is., shore litter (1 ♂, 7 ♀, leg. P. N. Lawrence, 21.ix.1965, BMNH 1970:407:7); (9) Pt. Raja, Fulakora, forest litter (1 ♂, 1 ♀, leg. P. N. Lawrence, 30.ix.1965, BMNH 1970:405:2); (10) Tatamba, native gardens (1 ♂, 1 damaged ♀, leg. P. N. Lawrence, 06.x.1965, BMNH 1970:408:16, part); (11) Tatamba, coconut and *Casuarina* litter (2 ♂, leg. P. N. Lawrence, 28-29.ix.1965, BMNH 1970:408:16, part); (12) Tatamba Raja, forest litter (2 ♂, 6 ♀, leg. P. N. Lawrence, 30.ix.1965, BMNH 1970:408:16, part). – **Solomon Archipelago: Guadalcanal:** (13) Mt. Austen near Honiara, forest litter (1 ♀, leg. P. N. Lawrence, 24.viii.1965, BMNH 1970:411:1); (14) Near Mt. Gallego, 9.6 km SW Tamboko, disturbed forest litter (1 ♂, leg. P. N. Lawrence, 04.vii.1965, BMNH 1970:412:1); (15) Umasami River, 8 km SW Tamboko, *Areca* palm and litter (1 ♂, 1 ♀, leg. P. N. Lawrence, 7-10.vii.1965, BMNH 1970:410:2). – **Solomon Archipelago: San Cristobal:** (16) 11.3 km S Wainoni, litter of palms, vines and ferns (2 ♂, 1 ♀, leg. P. N. Lawrence, 02.vii.1965, BMNH 1970:413:3); (17) Warahito-Pagato confluent, arboreal litter, 100 m.

Species: 3.

Distribution: New Guinea, Solomon Archipelago, Tonga, Samoa, Taiwan.

Remarks: Vandel did not designate type specimens, therefore all specimens are syntypes.

***Parachaetophiloscia* Cruz & Dalens, 1990b**

Family: Philosciidae.

Type species: *Parachaetophiloscia levantina* Cruz & Dalens, 1990b.

Locality: Spain: Cueva del Perro, Cox Alicante (1 ♀, leg. A. Capdepón & J. A. Zaragoza, 8.vi.1986); same cave (1 ♂, leg. A. Sendra & A. Zaragoza, 26.x.1986) MZB 30SXH8423 [according to the text, the type specimens are deposited in the collections of the authors].

*Parcirconiscus* Verhoeff, 1941

Synonym of *Circoniscus* Pearse, 1917.

Type species: *Parcirconiscus ornatus* Verhoeff, 1941 (m) (synonym of *Circoniscus gaigei* Pearse, 1917).

Locality: Guyana, near Paramaribo (1 ♀ without cephalothorax, parts of a ♂ mounted on slides, leg. A. Heyne, syntypes, ZSM).

Remarks: Schmalfuss (1980b) reduced *Parcirconiscus ornatus* to a synonym of *Circoniscus gaigei*.

*Paracubaris* Collinge, 1918

Synonym of *Circoniscus* Pearse, 1917.

Type species: *Paracubaris spinosus* Collinge, 1918 (m) (synonym of *Circoniscus gaigei* Pearse, 1917).

Locality: Guyana, Mazakuvi River, in decaying wood (2 specimens, leg. Bodkin, v.1916).

Remarks: Van Name (1925) reduced *Paracubaris* to a synonym of *Circoniscus*. Arcangeli (1927b) regarded *Paracubaris spinosus* as a synonym of *Circoniscus gaigei*.

***Paracyphoniscus* Brian, 1958**

Family: Trichoniscidae, Haplophthalminae.

Type species: *Paracyphoniscus meggioraro* Brian, 1958 (m).

Locality: Italia, Refrontolo (Conegliano), Grotta Ca' Brisotto (1 ♂, 3 ♀, syntypes, leg. Meggiolaro, 06.v.1956).

***Paraguascia* Schultz, 1995a**

Family: Philosciidae.

Type species: *Paraguascia pigmentata* Schultz, 1995a (o, m).

Localities: Paraguay: Misiones prov. 30 km San Juan Bautista (road to San Ignacio) near Ao. Aguaray, sifting forest litter (♂ holotype, leg. MHNG Expedition, 14.x.1982); Caaguazu prov. 20 km N Colonel Oviedo, sifting bamboo leaves (2 ♀ paratypes, leg. MHNG Expedition, 07.x.1979).

***Parakermania* Vandel, 1973c**

Family: Armadillidae.

Type species: *Parakermania minima* Vandel, 1973c (o, m).

Locality: Bismarck Archipelago: Dyaul Island, a small island NW of New Ireland: Sumuna, in the north of the island (leg. Wolff, 02.iii.1962, Berlese No. 3, 6 specimens, ZMUC CRU-7266).

Species: 2.

Distribution: Bismarck Archipelago; south China (Hainan Dao).

Remarks: Vandel did not indicate the number of specimens he had examined; there is at least 1 male, since male pleopods are figured.

*Paralaureola* Vandel, 1974

Nomen nudum.

Remarks: Vandel (1974) referred to this name without description or any species included. From the context, it becomes obvious, that he used it erroneously for *Pralareola* Vandel, 1973b.

### ***Paraleptotrichus Arcangeli*, 1927a**

Family: Porcellionidae.

Type species: *Porcellio (Paraleptotrichus) teodori* Arcangeli, 1927a (m).

Locality: China, Beijing (2 ♂, leg. Silvestri, 10.x.1925).

Remarks: Arcangeli (1952) referred to *Paraleptotrichus teodori* incorrectly as “n. g. n. sp.”.

*Paraniambia* Collinge, 1914a

Synonym of *Hemilepistus* Budde-Lund, 1885.

Type species: *Paraniambia tuberculata* Collinge, 1914a (m) (synonym of *Hemilepistus reaumurii* (Audouin & Savigny, 1826)) (after Brian 1930, Lincoln 1970).

Locality: Algeria (leg. J. W. Clark, 1873; type in the University Museum of Zoology, Cambridge).

Remarks: The synonymy was established by Brian (1930).

*Paranotoniscus* Barnard, 1932

Unavailable name (ICZN Art. 13.3.); Family: Styloniscidae.

Type species: not designated.

Species originally included:

1. *Paranotoniscus capensis* Barnard, 1932: South Africa, Cape Province, Table Mountain, 610-915 m (3 ♂, 2 ♀, leg. K. H. Barnard, BMNH 1933:1:25:934-393, syntypes).
2. *Paranotoniscus tuberculatus* Barnard, 1932: South Africa, Cape Province, Langeberg Range, 610 m (1 ♂, leg. K. H. Barnard, 1927, BMNH 1933:1:25:957, syntype).
3. *Paranotoniscus montanus* Barnard, 1932: South Africa, Cape Province, Hottentots Holland Mts., 1220 m (3 ♂, 7 ♀, leg. K. H. Barnard, 1916, BMNH 1933:1:25:943-950, syntypes).
4. *Paranotoniscus latus* Barnard, 1932: South Africa, Cape Province, River Zonder End Mts., Oudebosch River (3 ♀, leg. K. H. Barnard, 1916, BMNH 1933:1:25:940-942, syntypes).

5. *Paranotoniscus ornatus* Barnard, 1932: South Africa, Cape Province, Wellington Mts., 610-1070 m (approx. 7 specimens in fragments, mainly ovigerous ♀, leg. K. H. Barnard, 1922, BMNH 1933:1:25:951-956, syntypes).

### ***Parapacroschia* Vandel, 1981**

Family: Philosciidae.

Type species: *Parapacroschia negreai* Vandel, 1981 (m).

Locality: Cuba, prov. Oriente, Río Yumurí, in litter (leg. Negrea & Decou, 20.ii.1973).

*Paraperiscyphis* Stebbing, 1911

Synonym of *Adinda* Budde-Lund, 1904.

Type species: *Paraperiscyphis travancorensis* Stebbing, 1911 (m).

Locality: India, Travancore, Maddathorai (2 specimens, leg. Annandale).

Remarks: Reduced to a synonym of *Adinda* by Omer-Cooper (1926).

### ***Paraperiscyphops* Ferrara & Schmalzfuss, 1976**

Family: Eubelidae.

Type species: *Paraperiscyphops vandeli* Ferrara & Schmalzfuss, 1976 (o, m).

Locality: Cameroon, Victoria, N'dag-Bessou (types: 3 ♂ and 2 ♀ in MZ Torino).

### ***Paraphiloschia* Stebbing, 1900**

Family: Philosciidae.

Type species: *Paraphiloschia stenosoma* Stebbing, 1900 (m).

Locality: New Britain Is.

Synonym: *Pseudophiloschia* Budde-Lund, 1904 (partim).

Species: 9.

Distribution: Solomon Islands, Samoa, New Guinea.

*Paraphiloschia* Verhoeff, 1908c

Preoccupied by *Paraphiloschia* Stebbing, 1900.

Type species: Not designated.

Remarks: *Paraphiloschia* Verhoeff, 1908c, was described as a subgenus of *Philoschia*, to include the species *pyrenaica* Dollfus, 1897b, *squamuliger* Kölbel and *apenninorum* Verhoeff, 1908d. Later on Verhoeff added the species *pygmaea* Budde-Lund and *esterelana* Verhoeff; Verhoeff (1926b) replaced the name with *Tiroloschia*.

*Paraporcellio* Verhoeff, 1917a

Subgenus of *Porcellio* Latreille, 1804.

Type species: Not designated.

Species originally included:

1. *Porcellio marginotatus* Budde-Lund, 1885: Algeria, Bona (1 ♂ lectotype, leg. Fr. Meinert, BMNH 1921:10:18:4500); (1 ♀ paralectotype, BMNH 1956:10:10:223);

(11 paralectotypes, ZMUC CRU-1652-1654); the lectotype was designated by Schmalzfuss (1989d).

2. *Porcellio* (*Paraporcellio*) *medionotatus* Verhoeff, 1917a: Algier (2 ♂, 7 ♀, leg. Ribaut?).

Remarks: Verhoeff introduced *Paraporcellio* as a subgenus of *Porcellio*.

*Paramadillo* Arcangeli, 1934

Invalid name (ICZN Art. 13.3).

Type species: Not designated.

Remarks: Arcangeli (1934) assigned 46 species from South Africa to the new subgenus *Paramadillo* of the genus *Armadillo*. The species were previously described in *Armadillo*, *Cubaris* or *Diploexochus*. Now the genus *Armadillo* is restricted to Mediterranean species; *Cubaris* includes with certainty the cosmopolitan *C. murina*, while the other nominal species need re-examination; and *Diploexochus* is restricted to the type species from Brazil. In consequence, none of these species can remain in their original genus with any certainty; *Paramadillo* can not be regarded as a subgenus of *Armadillo* and also can not be regarded as a valid genus, since the name is unavailable. The best solution seems not to try to validate it, but to keep it under "unavailable names". Taiti, Paoli & Ferrara (1998) listed *Paramadillo* as invalid name.

***Paraschizidium* Verhoeff, 1919**

Family: Armadillidiidae.

Type species: *Armadillidium* (*Paraschizidium*) *olearum* Verhoeff, 1919 (m) (synonym of *Armadillidium coeculum* Silvestri, 1897).

Locality: Italy, Liguria, San Remo (4 ♂ and ♀, leg. Verhoeff, 05.iv.1909).

Synonyms: *Illyricosphaera* Verhoeff, 1933; *Titanosphaera* Verhoeff, 1933.

Species: 2.

Distribution: Southern France, NW Italy, Menorca.

Remarks: Verhoeff (1919) described this as subgenus of *Armadillidium* and included *olearum* and probably *Armadillidium coeculum* Silvestri, 1897). The latter being an uncertain assignation, *P. olearum* is considered to be the type species, by monotypy. Verhoeff (1933b) raised *Paraschizidium* to generic rank. Manicasteri & Taiti (1994) reduced *P. olearum*, *Illyricosphaera subterranea* and *Titanosphaera myrmicidarum* to synonyms of *P. coeculum*, and Taiti & Ferrara (1996) included only 2 species with certainty.

***Parasphaerillo* Arcangeli, 1934**

Family: Armadillidae.

Type species: *Diploexochus cingulatus* Barnard, 1932(m).

Locality: South Africa, Durban, Stella Bush (leg. K. H. Barnard, 1912).

*Parastenoniscus* Verhoeff, 1908a

Synonym of *Stenoniscus* (after Vandel 1944).

Type species: *Parastenoniscus adriaticus* Verhoeff, 1908a (m).

Locality: Croatia: Bukkari, under stones, littoral (leg. Verhoeff, October 1907).

Remarks: Reduced to a synonym of *Stenoniscus* by Vandel (1944).

***Paratoradja* Ferrara, Meli & Taiti, 1995**

Family: Scleropactidae.

Type species: *Paratoradja beroni* Ferrara, Meli & Taiti, 1995 (o).

Localities: Sri Lanka: Kuruwita (♂ holotype, leg. Beron, 1.xii.1984, NMNHS); paratypes: same data (1 ♀, MZUF); Sabaragamuwa Prov., Deerwood, Kuruwita, 9.6 km NNW of Ratnapura, under logs (1 ♀ and 1 ♂, leg. LUCE, 18-21.ii.1962; ZIUL); same data (1 ♂, MZUF); same locality, little gorge (1 ♀, leg. LUCE, 18.ii.1962, ZIUL); Southern Province, Haycock Mt., 34 km NNE of Galle, 300-450 m, under stones (2 ♀, 1 juv., leg. LUCE, 20.i.1962, ZIUL).

Species: 4.

Distribution: Vietnam, Sri Lanka, New Guinea.

Literature: Ferrara, Meli & Taiti (1995) described or redescribed the species and provided a key for their identification.

*Paratylos* Verhoeff, 1949a

Subgenus of *Tylos* Audouin & Savigny, 1826.

Type species: *Tylos insularis* Van Name, 1936 (m).

Locality: Galapagos, Genovesa Island (= Tower Island), under dead wood and slabs of lava (1 ♂ holotype and 1 ♂ and 3 ♀ paratypes, leg. "Harrison Williams Expedition", 29.iv.1923, AMNH 4824 and 4824 A).

***Paraxenodillo* Schmalzfuss & Ferrara, 1983**

Family: Armadillidae.

Type species: *Paraxenodillo singularis* Schmalzfuss & Ferrara, 1983 (o, m).

Locality: Equatorial Guinea, Annobon Island [1°26'S, 5°38'E], 400-500 m (♂ holotype and 5 paratype specimens, leg. L. Fea, v. 1902; MG).

*Parcylisticus* Verhoeff, 1943

Subgenus of *Cylisticus* Schnitzler, 1853.

Type species: *Parcylisticus pugionifer* Verhoeff, 1943 (o, m).

Locality: Turkey: Ahir Köyü near Elazig (several specimens, leg. Kosswig, 1940).

Remarks: Taiti & Manicasteri (1983) reduced *Parecylisticus* to a subgenus of *Cylisticus*.

*Pardioniscus* Arcangeli, 1958b

Synonym of *Balloniscus* Budde-Lund, 19008b.

Type species: *Metoponorthus argentinus* Dollfus, 1894 (m).

Locality: Argentina: Buenos Aires Prov. (1 ♀ with marsupium, syntype, leg. Borelli, MNHN-Is5751).

Remarks: Lemos de Castro (1985?) found *Pardioniscus argentinus* to be a synonym of *Balloniscus sellowii* (Brandt, 1833).

*Pareluma* Omer-Cooper, 1923

Synonym of *Schizidium* Verhoeff, 1901.

Type species: *Pareluma minuta* Omer-Cooper, 1923 (o) (synonym of *Schizidium davidi* Dollfus, 1887).

Locality: Iraq, Amara (9 ♀, leg. W. E. Evans, 13.xi.1918, 2 of these ♀ in BMNH 1922:5:18:11-12).

Remarks: Omer-Cooper (1923) included the type species and 6 species previously described in *Armadillidium*. Fran-kenberger (1939b) transferred the type species to the genus *Schizidium*, so *Pareluma* was included in the syn-onymy of *Schizidium*. Schmalzfuss (1988) reduced *Pareluma minuta* to a synonym of *Schizidium davidi* Dollfus, 1887).

### ***Pareumoides* Ferrara & Schmalzfuss, 1983**

Family: Eubelidae.

Type species: *Pareumoides marginatus* Ferrara & Schmalzfuss, 1983 (o, m).

Locality: SW Cameroon, Fernando Poo, Kribi, upper border of beach, under leaf-litter (leg. Ferrara & Schmalzfuss, 19.ii.1980, SMNS T78).

*Parathelum* Verhoeff, 1942a

Unavailable name (ICZN Art. 13.3.); Family: Eubelidae.

Type species: Not designated.

Species originally included:

1. *Parathelum insulanum* Verhoeff, 1942a: Equatorial Guinea, Fernando Poo [now Bioko Is.], near Musola [3°26'N, 8°37'E], 570 m (several specimens, incl. ♂ and 1 ovigerous ♀, leg. H. Eidmann, 6.ix.1939/40).
2. *Parathelum montanum* Verhoeff, 1942a: Equatorial Guinea, Bioko Is., Moca [3°20'N, 8°40'E], Pic St. Isabel, 1600 m (1 ♂, 1 ♀, leg. H. Eidmann, xii.1939).

### ***Parischioscia* Lemos de Castro, 1967**

Family: Philosciidae.

Type species: *Philoscia omissa* Van Name, 1936 (o, m).

Localities: Guiana, Kartabo, Bartica district (♀ holotype, leg. W. Beebe, AMNH 5327); paratypes: same data (1 ♂, 2 ♀, AMNH 5326; 2

♀, AMNH 5328); Kurupung (1 ♂, 1 ♀, leg. H. Lang, xii.1922, AMNH 6559); Kamakusa (16 ♂, 5 ♀, leg. H. Lang, i.1923, AMNH 6560); same data (1 ♂, 3 ♀, AMNH 6578); Guiana (1 ♀, leg. H. Lang, i.1923, AMNH 6584); Guiana (2 ♂, 1 ♀, leg. H. Lang, xii.1922, AMNH 6586); Tukeit (1 ♂, 1 ♀, leg. F. E. Lutz, 16.vii.1911, AMNH 6592); Guiana (2 ♀, leg. H. Lang, xii.1922, AMNH 6593); Guyana (4 ♀, leg. H. Lang, i.1923, AMNH 6599); Dunoon (3 ♀, leg. A. S. Pearse, AMNH 6600).

Literature: Redescription on the basis of 1 ♂ paratype, AMNH 6560 (Leistikow 2001i).

*Parsphaeroniscus* Vandel, 1963

Unavailable name (ICZN Art. 13.3.), synonym of *Scleropactes* Budde-Lund, 1885.

Type species: Not designated.

Remarks: Vandel (1963) in a footnote introduced the genus for the species of *Sphaeroniscus* excl. the species *flavomaculatus*, *gerstaeckeri* and *portoricensis*. Because of not designating the type species and also because of not citing the names of the species included, the name is invalid. Vandel (1968) referred to *Parsphaeroniscus* as a synonym of *Scleropactes*.

*Patagoniscus* Verhoeff, 1939b

Unavailable name (ICZN Art. 13.3.), synonym of *Styloniscus* Dana, 1853.

Type species: Not designated.

Species originally included:

1. *Patagoniscus schwabei* Verhoeff, 1939: Chile, Puerto Puyuhuapi (numerous specimens, leg. G. H. Schwabe, 23 and 27.xii.1937, ZMB 25085, syntypes).
2. *Patagoniscus araucanicus* Verhoeff, 1939: same data as for *P. schwabei* (ZMB 25262, syntypes).
3. *Patagoniscus simrothi* Verhoeff, 1939: Chile, Calbuco, La Vega (3.x. and 6.xi.1937, leg. G.H. Schwabe), San Vicente near Talcahuano (16.x.1937, leg. G. H. Schwabe) (ZMB 25260 and 25261, syntypes); numerous specimens in wet moss.

Remarks: Verhoeff (1939) cited this genus as already described, but the paper in which he published the original description appeared first in 1951, so the date must be 1939. However, the name is unavailable according to ICZN Art. 13.3. The names appearing in the dichotomous key (Verhoeff 1939), but not described in the same paper, are considered nomina nuda. Vandel (1952b) and Green (1961) considered *Patagoniscus* as synonym of *Styloniscus*.

### ***Paxodillidium* Schmalzfuss, 1985**

Family: Armadillidiidae.

Type species: *Paxodillidium schawalleri* Schmalzfuss, 1985 (o, m).

Locality: Greece, Paxi Is., Gaios [Olivenhain] (♂ holotype, SMNS T152, 1 ♂ and 1 ♀ paratypes, SMNS T153, 1 ♂ paratype ZMUF, leg. Schawaller & Scheuern, 17-19.iv.1981).

***Pectenoniscus* Andersson, 1960**

Family: Styloniscidae.

Type species: *Pectenoniscus angulatus* Andersson, 1960 (m).

Locality: Brazil: Nova Teutonia, Ità, under stones (3 ♂ and 8 ♀ syntypes, leg. F. Plaumann, 01.ii.1939, NHRS).

*Pentheus* Koch, 1841b

Synonym of *Armadillo* Duméril, 1816.

Type species: *Pentheus punctatus* C. L. Koch, 1841b (m).

Localities: Greece and France.

***Pentoniscus* Richardson, 1913**

Family: Philosciidae.

Type species: *Pentoniscus pruinosus* Richardson, 1913 (o, m).

Localities: Costa Rica, Pithaya S of Cartago (♂ lectotype, leg. C. Picardo, USNM 43771); La Mica, mountains SW of Orosi (several specimens, leg. C. Picardo, USNM 44291); La Estrella, partly collected from bromeliads at 2000-2500 m (several specimens, leg. C. Picardo, USNM 44288).

Species: 4?

Remarks: Schultz (1968b) reduced *Pentoniscus* to a synonym of *Philoscia* Latreille, 1804. This cannot be followed, for the name *Philoscia* should be used only for *Philoscia muscorum* and the closest relatives. Leistikow (1998b) revalidated the genus.

***Pericephalus* Budde-Lund, 1909**

Family: Armadillidae.

Type species: *Armadillo feae* Budde-Lund, 1895 (o).

Locality: Burma: Tenasserim, Mt. Mooleyit, 500-600 m (6 specimens, leg. Fea, iii.1887; out of these, 2 ♂ syntypes in BMNH 1921:10:18:1612).

Species: 3.

Distribution: Burma, Malaysia.

Remarks: Budde-Lund (1904) divided the genus *Armadillo* into 7 groups. Budde-Lund (1909) considered them as subgenera; the "Sektio V" received the name *Pericephalus*.

***Perinetia* Barnard, 1958**

Family: Philosciidae.

Type species: *Philoscia (Perinetia) reducta* Barnard, 1958 (m).

Locality: Madagscar, Périnet (26 ♂, ♀ and juveniles, leg. Lawrence, 14.xi.1955, Natal Museum).

Remarks: Probably synonym of *Paraphiloscia* Stebbing, 1900 (after Taiti & Ferrara, 1980).

***Periscyphis* Gerstaecker, 1873**

Family: Eubelidae.

Type species: *Periscyphis trivialis* Gerstaecker, 1873 (m).

Locality: East Africa, Jipe Lake (3 ♀ syntypes, leg. Von der Decken, x.1862, BMNH 1921:10:18:1343-1345).

Synonyms: *Cercocytonus* Budde-Lund, 1885?; *Cooperaulax* Verhoeff, 1942.

Species: 39.

Distribution: East Africa, South Africa, Arabia.

Literature: Ferrara (1973) gave a key to the species occurring in Ethiopia and Somalia (10 species). Erhard & Schmalzfuss (1997) gave a key to the species known from Egypt, Israel and the Arabian Peninsula (15 species). Taiti, Ferrara & Allspach (1997) provided a list of 38 species.

***Periscyphoides* Arcangeli, 1950b**

Family: Eubelidae.

Type species: *Periscyphoides pictus* Arcangeli, 1950b (m).

Locality: Congo: Luberu (1 damaged ♀, holotype, leg. L. Burgeon 25.viii.1932, MRAC).

***Periscyphops* Hilgendorf, 1893**

Family: Eubelidae.

Type species: *Periscyphis (Periscyphops) triarticulatus* Hilgendorf, 1893 (m).

Locality: Togo, "Bismarckburg" (3 specimens, leg. Büttner, iii.1891, ZMB 8697).

Species: 24.

Distribution: West Africa.

Literature: Ferrara & Schmalzfuss (1976) gave a key to 8 West African species.

*Periscyphus* = misspelling of *Periscyphis*.

*Petroniscus* Verhoeff, 1908c

Subgenus of *Oroniscus* Verhoeff, 1908c.

Type species: Not designated.

Species originally included:

1. *Oroniscus dolomiticus* Verhoeff, 1908c: Alps, Ampezzo region (Dolomiti), under limestones (1 ♂, slide, BMNH 1931:4:27:100, 5 ♀, BMNH 1908:6:1:18, 1921:6:10:39 and 1937:7:6:121-123, syntypes, leg. Verhoeff, viii. 1906).
2. *Oroniscus calcivagus* Verhoeff, 1908c: Alps, Krain: Pod-brdo, 550 m, deciduous forest (2 ♂, 2 ♀, leg. Verhoeff, ix.1907).

### ***Phalaba* Budde-Lund, 1910**

Family: "Trachelipodidae".

Type species: *Phalaba brevis* Budde-Lund, 1910 (m).

Locality: Kilimanjaro, Kibonoto, 2000–3000 m (2 ♂, 12 ♀, 11.xii.1905 and 06.i.1906, BMNH 1921:10:18:2091-2103); same data? (10 syntypes, NHRS 5840).

Species: 6?

Distribution: Tanzania, Ethiopia.

Remarks: Budde-Lund (1910) described only *P. brevis*, but below this description there is a short note in which he mentions that he knows two other new species of this genus. For one, a name, but no description is given, for the other, not even a name is given. *Phalaba fusca* is a nomen nudum, and *Phalaba brevis* is the type species by monotypy.

### ***Phalloniscus* Budde-Lund, 1908b**

Family: Dubioniscidae.

Type species: *Oniscus punctatus* Thomson, 1879 (designated by Jackson 1941).

Locality: New Zealand, South Island, Dunedin.

Species: ca. 26 nominal species.

Distribution: Western Australia, New Zealand, Brazil, Venezuela, Corsica.

Remarks: Bowley (1935) revised the species, described or redescribed 6 species and gave a key to the 3 species of the subgenus *Hanoniscus* only. She also discussed the confused history of the names that were assigned to some samples by the previous authors. The mention of *Oniscus punctatus* as type species of *Phalloniscus* by Jackson (1941) is regarded as designation of the type species, according to ICZN Art. 69.1.1. Taiti & Ferrara (1996) wrote that the genus *Phalloniscus* is probably endemic to New Zealand.

*Pherusa* C. L. Koch, 1841b

Synonym of *Titanethes* Schödte.

Preoccupied by *Pherusa* Oken, 1805 or 1807 (Annelida: Polychaeta: Flabelligeridae). Another senior homonym is *Pherusa* Leach, 1814 (Crustacea: Amphipoda).

Type species: *Pherusa alba* C. L. Koch, 1841b (m).

Locality: Cave "Adelsberger Grotte" in Krain [probably in Slovenia].

*Philongria* = misspelling of *Philougria* Kinahan, 1857; in Chilton (1883).

### ***Philoscia* Latreille, 1804**

Family: Philosciidae.

Type species: *Oniscus sylvestris* Fabricius, 1793.

Synonym of *Oniscus muscorum* Scopoli, 1763.

Locality: "Carniolia" [probably Austria, Kärnten], in forests and gardens, under moss and under stones.

Species: approx. 10.

Distribution: Europe, Mediterranean.

Remarks: Most of the species described in the genus *Philoscia* have to be transferred to other genera or become nomina dubia; only *Philoscia muscorum* and its closest relatives remain in *Philoscia*. After Schmalfuss (1990c), these comprise about 10 species.

### ***Philoscina* Ferrara & Taiti, 1985**

Family: Philosciidae.

Type species: *Philoscina natalis* Ferrara & Taiti, 1985 (o).

Localities: South Africa: Natal, Trafalgar, South Coast (1 ♂ holotype, 1 ♂, 3 ♀ paratypes, leg. R. F. Lawrence, vii.1963, NMP ex8662); near Ramsgate, South Coast (1 ♂ and 5 ♀ paratypes, leg. R. F. Lawrence, ix.1964, NMP 8668, 8669, type no. 2752).

Species: 3.

Distribution: South Africa, Natal.

### ***Philoscodillo* Jackson, 1938**

Family: ?

Type species: *Cerberoides (Philoscodillo) pilosus* Jackson, 1938 (m).

Locality: Rapa Island, south of Mt. Tanga, 214 m (1 ♀, leg. D. Anderson, 23.vii.1934).

Remarks: The type species was described under the genus name *Cerberoides*, but Jackson did not designate a type species for that genus; thus, the name *Cerberoides* is unavailable according to ICZN Art. 13.3. It is replaced by

the subgenus name, which therefore “automatically” rises to generic rank.

*Philougria* Kinahan, 1857

Synonym of *Trichoniscus* Brandt, 1833.

Type species: *Philougria celer* Kinahan, 1857 (m).

Localities: Ireland (Dublin, Wexford, Cork, Kerry), England (London, Kent, Chisselhurst).

Remarks: Chilton (1886) used *Philygria* instead of *Philougria*, and in a footnote referred to a remark in the Zoological Record for 1877, Crustacea, p.24, according to which *Philygria* is “a more correct spelling of the word than *Philougria*”. Barnard (1932) reduced *Philougria* to a synonym of *Trichoniscus*.

*Philygria* = *Philougria*.

***Phylloniscus* Purcell, 1903**

Family: Titiandidae.

Type species: *Phylloniscus braunsi* Purcell, 1903 (m).

Locality: South Africa: Cape Colony, Willowmore, in subterranean galleries of *Hodotermes viator* (3 specimens, leg. Brauns; SAMC 9863).

Species: 2.

Distribution: South Africa.

*Phyloscia* (misspelling for *Philoscia*?).

*Phyloscia violacea* Filhol, 1885 is a synonym of *Scyphax ornatus*.

***Phymatoniscus* Racovitza, 1908**

Family: Trichoniscidae.

Type species: *Trichoniscus tuberculatus* Racovitza, 1907 (o, m).

Locality: France, Ariège, Grotte de l’Herm (3 ♀ syntypes, leg. Racovitza, 30.ix.1905, BMNH 1910:1:10:9-11).

Species: 4.

*Pirgoniscus* = misspelling of *Pyrgoniscus* Kinahan, 1859.

*Pittieroniscus* Paoletti, 1989

Family: Scleropactidae.

Locality: Venezuela.

Remarks: *Pittieroniscus* is a nomen nudum, because the name is only marked “n. gen., n. sp.”, without any species included or any description.

*Platanosphaera* Strouhal, 1942

Nomen nudum.

***Platanosphaera* Strouhal, 1956**

Family: Armadillidiidae.

Type species: *Troglarmadillidium* (*Platanosphaera*) *beieri* Strouhal, 1956 (m).

Locality: Greece, Epirus, *Platanus* forest in the valley of Kakolangado (1 ♀, leg. Beier, 07.vi.1933).

Species: 2.

Distribution: Greece, Epirus, Creta.

Remarks: The name was introduced by Strouhal (1942) as a nomen nudum; in 1956 he placed it as a subgenus of *Troglarmadillidium*, to include the species *beieri*. Vandel (1957) elevated *Platanosphaera* to generic rank.

*Plataoniscus* Vandel, 1963

Unavailable name (ICZN Art. 13.3).

Type species: Not designated.

***Plataoniscus* Leistikow, 2001**

Family: Balloniscidae.

Type species: *Alloniscus borelli* Dollfus, 1897 (designated by Leistikow, 2001).

Localities: Argentina, Prov. de Jujuy (3 ♂, 1 ♀ with marsupium, 2 ♀, leg. Borelli, MNHN-Is4977); same data (1 ♂, 3 ♀ with marsupium, 3 ♀, MNHN-Is4978); Prov. de Salta, near Salta (4 ♂, 12 ♀ with marsupium, 5 ♀, leg. Borelli, MNHN-4979); Prov. de Jujuy, San Lorenzo (11 ♂, 20 ♀ with marsupium, 10 ♀, leg. Borelli, MNHN-Is4980); Prov. de Salta, Tala (19 ♂, 9 ♀ with marsupium, 19 ♀, leg. Borelli, MNHN-Is4981); Prov. de Jujuy (1 ♂, 3 ♀ with marsupium, 1 ♀, leg. Borelli, MNHN-Is4982); Prov. de Jujuy, San Lorenzo (1 ♂, leg. Borelli, BMNH 1921:10:18:1701); same data (1 ♂, leg. Borelli, BMNH 1956:10:10:151); Bolivia, Chaco, Caiza (1 ♂, 3 ♀ with marsupium, 1 ♀, leg. Borelli, MNHN-Is4983) [all syntypes].

Species: 3.

Remarks: *Plataoniscus* was introduced by Vandel (1963) to include the species *Alloniscus borellii* Dollfus, 1897, *Alloniscus griseus* Dollfus, 1897, and *Philoscia argentina* Giambiagi de Calabrese, 1939. Since he did not designate one of them as type species, *Plataoniscus* Vandel, 1963 is an unavailable name (ICZN Art. 13.3). Leistikow (2001) validated the name by choosing *Alloniscus borellii* as type species. He redescribed this species on the basis of slide preparations from the Vandel Collection (MNHN-CV 4940–4942).

It is not known from which of the above samples Vandel made the preparations, or whether he examined other (non-type) material. The number of species is 3 after Vandel (1963), but Leistikow (2001g, h) indicated only 2 nominal species.

### ***Platyarthrus* Brandt, 1833**

Family: Platyarthridae.

Type species: *Platyarthrus hoffmannseggii* Brandt, 1833.

Locality: "Germania".

Species: 30.

Distribution: Southern Europe, Turkey.

*Platylysticus* Strouhal, 1971

Subgenus of *Cylisticus* Schnitzler, 1853.

Type species: *Cylisticus (Platylysticus) dohati* Strouhal, 1971 (m).

Locality: Turkey, near Black Sea coast, cave no. 5 near Eregli (5 ♀, leg. K. Dobat, 05.ix.1962, largest specimen is the holotype); (20 ♂, leg. M. & K. Dobat, 22-23.iii.1967, largest specimen is the allotype).

### ***Platyburmoniscus* Schmidt, 2000b**

Family: Philosciidae.

Type species: *Platyctyoniscus granulatus* Manicasterri & Taiti, 1987.

Locality: Sri Lanka, Central Province, Horton plains, 6700 ft., 17.7 km SSE Nuwara Eliya (holotype ♂, leg. Lund University Ceylon Expedition, 19-20.iii.1962, ZIUL).

### ***Platyctyoniscus* Herold, 1931**

Family: Philosciidae.

Type species: *Platyctyoniscus spinosus* Herold, 1931 (m).

Locality: Indonesia: Flores: Geli Mutu, 1300 m (1 ♂, 6 ♀, 4 ♀ with marsupium, 1 anterior half, leg. Sunda-Expedition Rensch, 15-20.vii.1927, ZMB 22991).

Species: 2.

Distribution: Flores, Sri Lanka.

### ***Pleopodoscia* Verhoeff, 1942a**

Family: Philosciidae.

Type species: *Pleopodoscia isabelensis* Verhoeff, 1942a (m).

Locality: Equatorial Guinea, Fernando Poo [now Bioko Is.] (1 specimen, exact location unknown, after Verhoeff 1942a).

Species: 6.

Distribution: East Africa.

*Pleurarmadillidium* Verhoeff, 1900

Subgenus of *Armadillidium* Brandt in Brandt & Ratzeburg, [1831].

Type species: *Armadillidium omblae* Verhoeff, 1900 (m).

Locality: Ombla Valley near Gravosa (Italy).

*Pleurocyphoniscus* Verhoeff, 1901b

Synonym of *Leucocyphoniscus* Verhoeff, 1910.

Type species: *Pleurocyphoniscus bertkaui* Verhoeff, 1901 (m).

Locality: Uncertain.

Remarks: Regarded as synonym of *Leucocyphoniscus* by Carl (1910) and Arcangeli (1923).

### ***Plumasicola* Vandel, 1981**

Family: Philosciidae.

Type species: *Plumasicola orghidani* Vandel, 1981 (m).

Locality: Cuba, prov. Matanzas, Dolina del Campamento ("doline située sur le trajet du 2e étage de la Cueva de la Pluma", in litter, leg. Decou, 30.iv.1973).

### ***Plymophiloscia* Wahrberg, 1922**

Family: Philosciidae.

Type species: *Philoscia (Plymophiloscia) maxima* Wahrberg, 1922 (designated by Green 1961).

Locality: Australia, Queensland, Bellenden Ker (1220 m), Mailanda, Cedar Creek, Blackall Range (several ♀, leg. Mjöberg, 1910-13, NHRS).

Species: 8.

Distribution: Australia, Tasmania.

Remarks: Wahrberg (1922) included 2 species.

The mention of *Philoscia (Plymophiloscia) maxima* as type species of *Plymophiloscia* by Green (1961) is regarded as designation of the type species, according to ICZN Art. 69.1.1.

*Pogonoligia* Jackson, 1927

Subgenus of *Ligia* Fabricius, 1798.

Type species: *Ligia (Pogonoligia) muscorum* Jackson, 1927 (o, m) (synonym of *Ligia platycephala* Van Name, 1925).

Locality: Trinidad, "in moss under Matacas Waterfall" (1 ♂ holotype, several fragmented paratypes, leg. Withycombe, 14.ii.1926, BMNH 1927.4.4.1 and 1927.4.4.2-6).

Remarks: *Ligia muscorum* was recognised as synonym of *Ligia platycephala* by Van Name (1936).



***Polyacanthus* Budde-Lund, 1909**

Family: Armadillidae.

Type species: *Armadillo aculeatus* Budde-Lund, 1885(m).

Locality: Angola, Cabinda, Chinchoxo (1 syntype, ZMB 6662).

Species: 2.

Distribution: Cabinda, Transvaal.

Remarks: Budde-Lund (1904) divided the genus *Armadillo* into 7 groups. Budde-Lund (1909) considered them as subgenera; the “Sektio IV” received the name *Polyacanthus*.

*Polyplatus* Budde-Lund, 1908b

Subgenus of *Porcellio* Latreille, 1804.

Type species: *Porcellio latissimus* Budde-Lund, 1885 (o).

Locality: Sardinia (leg. Keitel); (3 ♂, 5 ♀ syntypes, BMNH 1921:10:18:4988–4992).

*Polytretus* Vandel, 1946

Unavailable name (ICZN Art. 13.3).

*Polytretus* Vandel, 1962

Subgenus of *Porcellionides* Miers, 1878.

Type species: *Metoponorthus sexfasciatus* Budde-Lund, 1885 (designated by Vandel 1962).

Locality: Algeria, Algiers (5 ♀ syntypes, leg. E. Simon, BMNH 1921:10:18:4735). Budde-Lund (1885) also mentioned localities in Spain and France, and Mallorca and Madeira, but this material could not be traced. It is probably lost.

Remarks: *Polytretus* was described as subgenus of *Metoponorthus* Budde-Lund, 1885, which is a synonym of *Porcellionides* Miers, 1878. Vandel (1946) included 3 species, without designating a type species. Vandel (1962) mentioned *M. sexfasciatus* sensu Budde-Lund, 1885 (not C. L. Koch, 1847) as type species, and thus made the name available. According to Vandel, *Porcellio sexfasciatus* C. L. Koch, 1847 is identical to *Orthometopon phaleronensis* (Verhoeff, 1901). If this is true, then according to the ICZN, the name “*Metoponorthus sexfasciatus* Budde-Lund” should be discarded rather than the name *Porcellio sexfasciatus* C. L. Koch. Schmalfuss (1993) discussed the problem and seemed to consider *Porcellio sexfasciatus* C. L. Koch, 1847 as a nomen dubium.

***Pondo* Barnard, 1937**

Family: Platyarthridae.

Type species: *Porcellio (Pondo) poweri* Barnard, 1937(m).

Locality: South Africa, Port St. Johns, Pondoland (1 ♂, 1 ♀, 2 juv., leg. Power, i.1934, NMP or SAMC).

Remarks: Described as subgenus of *Porcellio* Latreille, 1804. Ferrara & Taiti (1989b) re-

ferred to *Pondo* as a genus probably of Platyarthridae.

*Porcellidium* Verhoeff, 1907b

Synonym of *Porcellium* Dahl, 1916.

Type species: *Porcellio conspersus* C. L. Koch, 1841b.

Locality: Germany, Hohengebraching [48°58'N, 12°05'E].

Remarks: Preoccupied by *Porcellidium* Claus, 1866 (Copepoda: Harpacticoidea), Dahl (1916) introduced *Porcellium* as a replacement name.

***Porcellio* Latreille, 1804**

Family: Porcellonidae.

Type species: *Porcellio scaber* Latreille, 1804 (designated by Gruner 1966).

Locality: Not given in the original description.

Species: Ca. 300 nominal species.

Distribution: Mediterranean area, some species worldwide.

Remarks: Latreille (1804) included 3 species, *P. scaber*, *P. laevis* Latreille, 1804 and *Oniscus crenulatus* Pallas, 1771; the latter now is in *Hemilepistus*. The mention of *Porcellio scaber* as type species of *Porcellio* by Gruner (1966) is regarded as designation of the type species, according to ICZN Art. 69.1.1. A great number of the nominal species will have to be transferred to other genera or become nomina dubia.

***Porcellionides* Miers, 1878**

Family: Porcellionidae.

Type species: *Porcellio (Porcellionides) jelskii* Miers, 1878 (designated by Schmalfuss & Ferrara 1978) (synonym of *Porcellio pruinosus* Brandt, 1833).

Localities: Guyana, Maraynioe (1 ♂ and 2 ♀ with marsupium, syntypes, BMNH 1879:21); Peru, Pumamarca (3 ♂, 3 ♀, syntypes, BMNH 1879:21); Caracas, Guiana [?] (9 ♂, 10 ♀, BMNH 1887:20).

Syn: *Metoponorthus* Budde-Lund, 1879.

Species: 93 nominal species.

Distribution: Worldwide in warm temperate or subtropical regions.

Remarks: According to Stebbing (1900), in Scudder’s Nomenclator Zoologicus (1882) the name *Porcellionides* is mentioned twice: *Porcellionides* Milne-Edwards, 1840 and *Porcellionides* Miers, 1877 (1978). The name *Porcellionides* Milne-Edwards, 1840 was not

used as a genus-group name, but as a name of higher taxonomic rank (“Division des Porcellionides”). Miers (1877) included 3 species described as new, *Porcellio* (*Porcellionides*) *jelskii*, *P. flavovittata* and *P. aztecus*. Schmalfuss & Ferrara (1978) considered *P. aztecus* to be a synonym of *Porcellio laevis*, and, after examination of the type specimens of the other two species, designated *P. jelskii* as type species and stated that it is a synonym of *Porcellio pruinosus* Brandt. Schmalfuss & Ferrara (1978) examined the specimens from “Guyana, Maraynioe”.

### ***Porcellium* Dahl, 1916**

Family: Trachelipodidae.

Type species: *Porcellio conspersus* C. L. Koch, 1841b (designated by Gruner 1966).

Locality: Germany, Hohengebraching [48°58'N, 12°05'E].

Synonym: *Porcellidium* Verhoeff, 1907.

Species: 12.

Distribution: Central and south-eastern Europe.

Remarks: The mention of *Porcellio conspersus* as type species of *Porcellium* by Gruner (1966) is regarded as designation of the type species, according to ICZN Art. 69.1.1.

Literature: Schmalfuss (1996a) enumerated 12 valid species of this genus and described or redescribed 8 of them, which are represented in Greece.

### ***Portoricoscia* Leistikow, 1999c**

Family: Philosciidae.

Type species: *Philoscia richmondi* Richardson, 1901 (o,m).

Locality: Puerto Rico, El Yunque, 910 m (♂ lectotype, 1 ♂ and several ♀ paratypes, leg. C. W. Richmond, 26.ii.1900, USNM 23913).

*Posidoniscus* Verhoeff, 1942b

Subgenus of *Stenoniscus* Aubert & Dollfus, 1890.

Type species: *Parastenoniscus* (*Posidoniscus*) *plutonius* Verhoeff, 1942b.

Locality: Italy, Ischia, beach (leg. P. Buchner & G. Buchner, 12.iv. [year not indicated]).

Remarks: Verhoeff described *Posidoniscus* as a subgenus of *Parastenoniscus*, which was later synonymized with *Stenoniscus*.

*Potrerillo* de Armas & Juarrero de Varona, 1999

Subgenus of *Pseudarmadillo* de Saussure, 1857.

Type species: *Pseudarmadillo auritus* de Armas & Juarrero de Varona, 1999 (o).

Localities: Cuba, Prov. Sancti Spiritus, Pico Potrerillo, Trinidad (♂ holotype, leg. J. L. Fontenla, 14.xii.1991, IESH); same data (4 ♀ paratypes, leg. A. Avila, 15.xii.1991, IESH); Lomas de Altar, Topes de Collantes, Trinidad (2 ♂ and 3 ♀ paratypes, leg. L. F. Armas, 08.ix.1972, IESH); base del Pico Potrerillo, Trinidad (15 ♀ and 9 ♂ paratypes, leg. L. F. Armas & L. R. Hernandez, 06.ix.1972; IESH).

Species: 3.

Distribution: Cuba.

*Praeakermania* Vandel, 1974

Nomen nudum.

Remarks: Without description and without any species included; Vandel (1974) obviously cited this name erroneously for *Parakermania* Vandel, 1973b.

*Praelaureola* Vandel, 1974

Unavailable name (ICZN Art. 13.3); synonym of *Laureola* Barnard, 1960.

Type species: Not designated.

Species originally included:

1. *Praelaureola silvatica* Vandel, 1974: Australia: New South Wales, Cangai, approx. 65 km W of Grafton, “in rain forest under logs” (leg. G. S. Hunt, 11.i.1970).
2. *Praelaureola canberrensis* Vandel, 1974: Australia: Canberra, Brindabella Range, “under logs in wet sclerophyll forest” (leg. G. S. Hunt, 27.xii.1969).

*Proischioscia* Vandel, 1968

Unavailable name (ICZN Art. 13.3); synonym of *Ischioscia* Verhoeff, 1928a.

Type species: Not designated.

Species originally included:

1. *Proischioscia andina* Vandel, 1968: Ecuador (E. C. 14): Cotopaxi, prairie alpine, 3800 m alt., iii.1965; Ecuador (E. C. 16), Papallacta, N Cotopaxi. Forêt arbustive de montagne, 3400-3600 m alt., iii.1965 (IRSNB).
2. *Ischioscia amazonica* Castro, 1955: Brazil: Amazonia: Itacoai Valley (♂ holotype and 1 ♀ paratype, leg. J. Candido de Mello Carvalho & A. Fontes, v.1950, MNRJ 774 and 1216).

Remarks: Schmalfuss (1980a) reduced *Proischioscia* to a synonym of *Ischioscia*. Since a type species was not designated, the name remains unavailable.

### ***Proporcellio* Verhoeff, 1907b**

Family: Porcellionidae.

Type species: Not designated.

Species originally included:

1. *Porcellio cattarensis* Verhoeff, 1901c: Cattaro, Ombla valley (several specimens, leg. Verhoeff).
2. *Porcellio fossuliger* Verhoeff, 1901c: Bank of Ombla River (1 ♂, 1 ♀, leg. Verhoeff).
3. *Porcellio marginenotatus* Budde-Lund, 1885: Algeria, Bona (♂ lectotype, leg. Fr. Meinert, BMNH 1921:10:18:4500); (1 ♀ paralectotype,

BMNH 1956:10:10:223); (11 paralectotypes, ZMUC CRU-1652-1654); the lectotype was designated by Schmalfuss (1989d).

4. *Porcellio politus* C. L. Koch, 1841a: Karlsbad.
5. *Porcellio (Mesoporcellio) corticolus* Verhoeff, 1907b: Peloponnes.
6. *Porcellio (Mesoporcellio) albanicus* Verhoeff, 1907b: Albania, Skutari Lake (1 ♀, leg. O. Wohlberedt).

Species: ?

Distribution: Algeria, Malta, Dalmatia, Greece.

Remarks: Verhoeff (1907b) used *Proporcellio* as name for a "Sectio" of the subgenus *Mesoporcellio* of the genus *Porcellio*, and included 6 species. In contrast, Verhoeff (1917) inverted the rank of both names and regarded *Mesoporcellio* as a *Sektio* of the subgenus *Euporcellio*, while he elevated *Proporcellio* to subgeneric rank and subdivided it into the sections *Proporcellio* and *Paraporcellio*. However, a designation of a type species did not result from this. *Porcellio marginenotatus* is one of the two species originally included in *Paraporcellio* (see above).

*Prosekia* Vandel, 1968

Unavailable name (ICZN Art. 13.3).

### ***Prosekia* Leistikow, 2001**

Family: Philosciidae.

Type species: *Chaetophiloscia rutilans* Vandel, 1952 (designated by Leistikow 2001d).

Locality: Venezuela, El Junquito (♂ lectotype, 1 ovigerous ♀, 1 ♀, paralectotypes, leg. G. Marcuzzi, 02.vii.1950, MNHN-CV).

Remarks: Vandel (1968) included 3 species, but did not designate a type species, thus the name was unavailable according to ICZN Art. 13.3. One of the three species, *Chaetophiloscia hamigera* Vandel, 1952, was designated as type species of the new genus *Androdeloscia* (Leistikow 1999a). Leistikow (2001d) made the name *Prosekia* available by choosing the type species.

### ***Protonethes* Absolon & Strouhal, 1932**

Family: Trichoniscidae.

Type species: *Protonethes ocellatus* Absolon & Strouhal, 1932 (m).

Localities: Yugoslavia (Loc. Nr. 671) Spilja Ma-

tijesevica (9 ♂, 35 ♀, 09.viii.1917); (Loc. 723), same cave (3 ♂, 2 juv., 20.x.1917); (Loc. 675) Pecina u Napoda (2 ♂, 11.viii.1917); (Loc. 693) Pecina in the Careve Doline (1 ♀, 26.ix.1917); (Loc. 729), same cave (1 ♂, 31.x.1917); (Loc. 694), Zackova Pecine (2 ♀, 26.ix.1917); (Loc. 669) Vojvodina pecina near Nanove at Grahovo Polje west of Troskarica Planina (6 ♂, 3 ♀, 07.viii.1917); (Loc. 718), same cave (7 ♂, 13 ♀, 13.x.1917); (Loc. 722) Cave in Selakov do, south of Bjelos Planina (20.x.1917); (Loc. 725) Cave Jabukovac between Dvrsno and Grahovo Polje, west of Ploce Pass (1 ♂, 6 ♀, 25.x.1917); (Loc. 783) Goli Vrh Cave, 1311 m, NE of Risano (1 ♂, 3 ♀, iv.1918); (Loc. 637) Izeta pecina below Grkovac, 900 m, NE Ledenice (2 ♂, 1 ♀, 15.x.1916); (Loc. 663) Pecina at Han Pass, S of Dvrsno Polje, 676 m (2 ♀, 04.viii.1917); (Loc. 287) Pecina u Kucericama, Orjen (3 ♀, 28.v.1913); (Loc. 696), same cave (3 imm., 30.ix.1917) [the Loc. numbers refer to "Biospeologica balcanica"; all specimens are regarded as syntypes].

### ***Protoradja* Arcangeli, 1955**

Family: Scleropactidae.

Type species: *Prototoradja jacobsoni* Arcangeli, 1955 (m).

Localities: Indonesia: Sumatra: "Somang by Nalung, Pad. Boveul Sum" (1 ♂, leg. Jacobson, xi.1913); "Nalung, Talatang, Pad. Boveul Sum." (1 ♂, leg. Jacobson, xii.1913); "Sinabang Sim. Sum" (1 ♀, leg. Jacobson, iii.1913; NNM).

Species: 5.

Distribution: Sumatra, Malay Peninsula.

Remarks: Although Arcangeli's paper was published in vol. 4 (1953/54; see references), Ferrara, Meli & Taiti (1995) give 1955 as the publication year. They seem to have some additional information on this date. Besides, they mention one male, which they designated as lectotype, and a female paralectotype, both with the locality "Sumatra, Sinabang". In the case of the male, this is not congruent with Arcangeli's data.

Literature: Ferrara, Meli & Taiti (1995) re-described the type species and added 4 new species.

***Protosphaeroniscus* Schmalzfuss, 1980b**

Family: Scleropactidae.

Type species: *Protosphaeroniscus tertarius* Schmalzfuss, 1980b (o, m).

Locality: Haiti, fossil in Dominican Amber (1 ♂ holotype, SMNS Do-1494-K-1, 1 ♂ paratype, SMNS Do-1503-K-1).

***Protracheoniscus* Verhoeff, 1917**

Family: Porcellionidae.

Type species: *Porcellio amoenus* C. L. Koch, 1841b (designated by Gruner 1966).

Localities: Wien, Budapest.

Species: 50.

Distribution: France, central and south-eastern Europe, central Asia, China, Japan.

Remarks: Described as a subgenus of *Tracheoniscus* Verhoeff, 1917, with 3 species included, and elevated to generic rank by Verhoeff (1923). The mention of *Porcellio amoenus* as type species of *Protracheoniscus* by Gruner (1966) is regarded as designation of the type species, according to ICZN Art. 69.1.1. Ferrara & Argano (1989) considered *Protracheoniscus* to be a junior synonym of *Agnara* Budde-Lund, 1908b, but their view was apparently not followed by subsequent authors.

*Protrichoniscus* Arcangeli, 1932aSynonym of *Brackenridgia* Ulrich, 1902.Type species: *Protrichoniscus heroldi* Arcangeli, 1932a (m).

Localities: California, S. Mateo, beach, in a deep, vertical cleft in the soil (3 ♂, 3 ♀, leg. Silvestri, 14.viii.1930); Muir Wood (7 ♂, 3 ♀, leg. Silvestri, 18.viii.1930).

***Psachonethes* Borutzky, 1969b**

Family: Trichoniscidae.

Type species: *Psachonethes czerkessicus* Borutzky, 1969b (m).

Locality: West Transcaucasus, Krasnodarskij Kraj, cave at Psacho river (a tributary of Kudapest River) (♂ holotype, 2 ♀ paratypes, leg. Levushkin, 08.vii.1960, ZMMU 825).

Species: 2.

Distribution: West Transkaukasus, north Iran.

***Pseudarmadillo* de Saussure, 1857**

Family: Delatorreidae.

Type species: *Pseudarmadillo carinulatus* de Saussure, 1857 (m).

Locality: Mexico or Cuba.

Synonym: *Delatorreia* Boone, 1934.

Species: 14 living and 2 fossil species (from Dominican Amber).

Distribution: Cuba, Bahamas.

Literature: Revision of the family Delatorreidae, with keys to species (de Armas &amp; Juarrero de Varona 1999).

***Pseudoaethiopopactes* Ferrara, 1974**

Family: Eubelidae.

Type species: *Pseudoaethiopopactes kohleri* Ferrara, 1974 (o, m).

Localities: Tanzania, 110 km S Dodoma, flooded plain of a stream, at the small mounds free from mud and under leaves (♂ holotype, 1 ♀ allotype and 10 ♂, 21 ♀ paratypes, leg. E. Kohler, 26.xii.1973); Dep. N Iringa, dry soil on formerly flooded plain (1 ♂ and 5 ♀ paratypes, leg. Dr. V. Dorka, 26.xii.1973).

***Pseudobuddelundiella* Borutzky, 1967**

Family: Buddelundiellidae.

Type species: *Pseudobuddelundiella ljevuschkini* Borutzky, 1967 (o).

Distribution: Northern Caucasus: Krasnodar District, Lasarevki County [rajon], Kirovka cave (♂ holotype, 1 ♀ paratype, leg. Levushkin, 20.vii.1960, ZMMU 787).

Species: 2.

*Pseudodiploexochus* Arcangeli, 1934

Unavailable name (ICZN Art. 13.3).

***Pseudodiploexochus* Lewis, 1998**

Family: Armadillidae.

Type species: *Diploexochus tabularis* Barnard, 1932 (designated by Lewis 1998b).

Locality: South Africa, Cape Province, Table Mt., lower and upper slopes, 300-900 m, in humus, among damp leaves and in ants' nests (leg. K. H. Barnard).

Species: 18.

Distribution: Central, southern and eastern Africa.

Remarks: The original description included 3 species: *Diploexochus tabularis* Barnard, 1932, *D. ecaudatus* Barnard, 1932, and *D. albanyensis* Barnard, 1932. Taiti, Paoli & Ferrara (1998) and Lewis (1998b) validated the name by choosing a type species. The volume

containing the paper by Taiti, Ferrara & Paoli gives the date of printing as November 1998, while according to the date printed on the cover, the volume containing the paper of Lewis was published in October 1998.

*Pseudolaureola* Schmalzfuss & Ferrara, 1983  
Unavailable name according to ICZN Art. 13.3.

***Pseudolaureola* Kwon, Ferrara & Taiti, 1992**

Family: Armadillidae.

Type species: *Laureola atlantica* Vandel, 1977c (designated by Kwon, Ferrara & Taiti 1992).

Localities: St. Helena centre: High Peak, 730-850 m, *Dicksonia* tree-trunk (holotype, 23-27.ii.1967, MRAC 53120); High Peak, on tree ferns of the genus *Diplasium* (paratypes, iv.1967, MRAC 52891-52893); High Peak, 730-790 m, on *Hedyotis arborea* (paratypes, vi.1967, MRAC 52894).

Species: 3.

Distribution: St. Helena, Madagascar, western Australia.

Remarks: *Pseudolaureola* Schmalzfuss & Ferrara is an unavailable name, because no type species was designated. Kwon, Ferrara & Taiti (1992) validated the name by choosing a type species.

***Pseudolobodillo* Schmalzfuss & Ferrara, 1983**

Family: Armadillidae.

Type species: *Pseudolobodillo principensis* Schmalzfuss & Ferrara, 1983 (m).

Locality: Principe Island, Bahia do Oeste, 100-200 m (♂ holotype, leg. L. Fea, v-vi.1902, MG).

*Pseudoniscus* Costa, 1882  
Synonym of *Philoscia* Latreille, 1904 (after Vandel 1962).  
Type species: *Pseudoniscus neglectus* Costa, 1882 (m).  
Locality: along Canonica River, at Iglesias.  
*Pseudoniscus neglectus* is a synonym of *Philoscia muscorum* (after Vandel 1962).

***Pseudophiloscia* Budde-Lund, 1904**

Family: Philosciidae.

Type species: *Pseudophiloscia inflexa* Budde-Lund, 1904 (designated by Leistikow 1998c).

Locality: Chile, Corral (leg. Plate, x.1894: ♂ lectotype and 5 ♀ paralectotypes, ZMB 9562; 1 ♂, 1 ♀ paralectotypes, BMNH 1921:10:18: 979-980).

Species: 3 (Leistikow 2001e).

Distribution: Chile.

Synonyms: *Paraphiloscia* Stebbing, 1900 (part); *Araucoscia* Verhoeff, 1939.

Remarks: Budde-Lund (1904) included the species *Philoscia gracilis* Budde-Lund, 1885 and *Philoscia fragilis* (*Ph. pubescens* might be a synonym of the latter) and the newly described *Pseudophiloscia inflexa* Budde-Lund, 1904. Stebbing (1913) and Jackson (1926) considered *Pseudophiloscia* to be a synonym of *Paraphiloscia* Stebbing, 1900 (after Vandel 1973). Leistikow (1998c) re-examined the syntypes of *P. inflexa* and found significant differences between this species and the genus *Paraphiloscia*. Therefore, *Pseudophiloscia* was revalidated to comprise *P. inflexa* and *P. angusta* Dana, 1852, both recorded from Chile. Leistikow (2001e) reduced *Araucoscia* to a synonym of *Pseudophiloscia*.

***Pseudorthometopon* Schmalzfuss, 1986a**

Family: "Trachelipodidae".

Type species: *Pseudorthometopon martensi* Schmalzfuss, 1986a (o, m).

Localities: Iran, Masdaran, 11 km E Alasht, western subvalley of the Talar, 1400 m, humid deciduous forest (17-28.vi.1978, ♂ holotype SMF 12223); Paratypes: same data (1 ♂, 2 ♀ with marsupium), Klard, 20 km S Amol, ca. 500 m, deciduous forest (24.v.1978, 1 ♂, 4 ♀ with marsupium SMNS T135); Elbur Mountains S Alamdeh, 400 m, deciduous forest (31.v.1978, 1 ♂, 8 ♀ with marsupium, SMF 12225); Talar valley, 12 km NW Zirab, 28.vi.1978) 1 ♂, 1 ♀ with marsupium SMNS T134); Elbur Mountains S Alamdeh, 1450 m, deciduous forest (30.v.1978, 1 ♀ with marsupium SMF 12226); Teheran prov. Elbur Mountains, Dasht-Nazir, 1000-1300 m, disturbed forest (26.v.1978, 2 ♀ with marsupium SMF 12227).

***Pseudosetaphora* Ferrara & Taiti, 1986**

Family: Philosciidae.

Type species: *Setaphora ovata* Budde-Lund, 1913.

Locality: Seychelles, Mahé, under palm leaves (7 ♂, 8 ♀ syntypes, leg. Dr. A. Bauer, 02-

08.v.1901, BMNH 1921:10:18:2291-2302); same data (5 syntypes, ZMH 18417).

***Pseudosphaerillo* Verhoeff, 1926a**

Family: Armadillidae.

Type species: *Armadillo rouxi* Verhoeff, 1926a (o,m).

Localities: New Caledonia: Hienghène (1 specimen, 05.vi.1911); Ngoi valley, 200 m (17.ix.1911), Yaté (15+20.iii.1912): ca. 20 specimens, leg. Sarasin & Roux.

Remarks: Verhoeff described the species in the genus *Armadillo* and instituted the new subgenus *Pseudosphaerillo* for it; “*Armadillo*” *rouxi* does not belong to *Armadillo* as defined by recent authors (e.g., Schmalzfuss 1995). Taiti, Paoli & Ferrara (1998) listed *Pseudosphaerillo* as a valid genus.

*Pseudosphaerium* Verhoeff, 1931a

Unavailable name (ICZN Art. 13.3); subgenus of *Armadillidium* Brandt in Brandt & Ratzeburg, [1831].

Type species: Not designated.

Remarks: Verhoeff (1931a) introduced this subgenus to include 34 species, that are mentioned in an identification key. Due to the fact that he did not designate a type species, the name is unavailable.

***Pseudotyphloscia* Verhoeff, 1928b**

Family: Philosciidae.

Type species: *Pseudotyphloscia pallida* Verhoeff, 1928 (m) (synonym of *Philoscia alba* Dollfus, 1898).

Locality: Taiwan, “Takao” [=Kaohsiung] (2 ♂, 4 ♀, leg. Sauter, 24.xi.1907/09; syntypes ZMB 21480).

Distribution: Sulawesi, West Java, Taiwan.

***Pudeoniscus* Vandel, 1963**

Family: Pudeoniscidae.

Type species: *Pudeoniscus birabeni* Vandel, 1963 (o,m).

Locality: Brazil, Rio de Janeiro, Pico de Tijuca (1 ♂, 1 ♀, 1 juv. leg. Delamare Deboutteville, 13.v.1959).

Species: 2.

***Pulmoniscus* Leistikow, 2001h**

Family: Balloniscidae?

Type species: *Balloniscus insularuminfraventum* Vandel, 1952.

Locality: Windward islands, Gran Roque, Cerros Orientales, leg. G. Marcuzzi, 2.ix.1950 (1 ♀ paratype, CV 3772, and parts of a ♂ holotype, mounted on slides, CV 3771.1-7).

Remarks: Leistikow (2001h) wrote that *Pulmoniscus* is probably not closely related to *Balloniscus* and *Plataoniscus*.

***Puteoscia* Vandel, 1981**

Family: Philosciidae.

Type species: *Puteoscia silvestrii* Vandel, 1981 (m).

Locality: Cuba, prov. Oriente, Arroyo Pozo Azul, in litter (leg. Decou & Negrea, 18.iii.1973).

***Pyrgoniscus* Kinahan, 1859**

Family: Armadillidae.

Type species: *Pyrgoniscus cinctutus* Kinahan, 1859(m).

Locality: “Eastern Seas” (1 ♀ holotype, collected during the voyage of H.M.S. “Herald”, BMNH 1856:85).

Species: 12.

Distribution: Australia, Chatham Is., Loyalty Is., New Caledonia, Kenya.

Remarks: Although Kinahan did not designate this species as “sp. n.”, he seems to be the author. Stebbing (1900) considered *Pyrgoniscus* as synonym of *Cubaris*. Budde-Lund (1904) placed the species *cinctutus* in his section X of *Spherillo*, which he later (1913) named *Merulana*. Verhoeff (1926a) and Vandel (1973) retained the latter name. Monod (1935), Ferrara (1977) and Taiti et al. (1998) regarded *Merulana* as a synonym of *Pyrgoniscus*.

***Quelpartoniscus* Kwon, 1995**

Family: “Scyphacidae”.

Type species: *Quelpartoniscus tuberculatus* Kwon, 1995 (m).

Locality: South Korea, Cheju Island, Namwon-up, Harye-ri, Manjangp’o, dump of gravel in supralittoral zone (leg. D. H. Kwon et al., 24.vi.1992, MHNG).

***Quintanoscia* Leistikow, 2000c**

Family: Philosciidae.

Type species: *Philoscia contoyensis* Mulaik, 1960.

Locality: Mexico, Quintana Roo, Isla Contoy (5 ♂ paratypes, leg. B. F. Osorio Tafall, 20.xi.1947, IPNM 1631-A).

***Reductoniscus* Keselyak, 1930**

Family: Armadillidae.

Type species: *Reductoniscus costulatus* Kessel-yak, 1930(m).

Locality: Greenhouses of Berlin Botanical Garden (leg. Kesselyak, 16.v.1930, ZMB 22478).

Other species: 5.

Distribution: St. Helena, New Guinea, Mauritius, Seychelles, Malaysia, Hawaii.

Remarks: Kesselyak (1930) referred to *Armadillo tuberosus* Budde-Lund as probably belonging to this genus. Ferrara & Taiti (1990) transferred all species previously assigned to *Reductoniscus*, except for the type species, to other genera and described two species as new.

*Rennelloscia* Vandel, 1971

Unavailable name (ICZN Art. 13.3).

*Rennelloscia* Vandel, 1973

Synonym of *Burmoniscus* Collinge, 1914b.

Type species: *Rennelloscia wolffi* Vandel, 1971 (designated by Vandel, 1973b).

Localities: Rennell Island: Teabamagu, leg. T. Wolff, 16-18.x.1951 (1 specimen, ZMUC CRU-9481); Hutuna, on the top of the hill behind the village, recently cleared forest with some scrub left, leg. T. Wolff, 15.iii.1965 (10 specimens, ZMUC CRU-4267); Hutuna, leg. T. Wolff, 28.iii.1965 (1 specimen, ZMUC CRU-4268); Tigoa, leg. T. Wolff, 22.iii.1962 (1 specimen + 1 slide, ZMUC CRU-8306); Niupani, Berlese sample, primary forest, no. 106, leg. T. Wolff, 20.viii.1962 (2 specimens, ZMUC CRU-4269); Niupani, Berlese sample no. 129, papaya garden, soil with half rotten plant debris, leg. T. Wolff, 29.iii.1962 (1 specimen, ZMUC CRU-9480).

Remarks: Vandel (1971) introduced the genus *Rennelloscia* with 2 species, *R. wolffi*, and *R. microlobata* Vandel, 1971, included. This name is unavailable because he did not designate a type species. The mention of *Rennelloscia wolffi* as type species of *Rennelloscia* by Vandel (1973b) is regarded as designation of the type species, according to ICZN Art. 69.1.1. Thus, the name *Rennelloscia* becomes available with the authorship of Vandel (1973b). Taiti & Ferrara (1986) later reduced it to a synonym of *Burmoniscus* Collinge, 1914.

*Revolutus* Lewis, 1992

Synonym of *Schismadillo* Verhoeff, 1926a.

Type species: *Revolutus spinosus* Lewis, 1992 (o, m).

Localities: Australia: Queensland, Atherton, 17°165'S, 145° 29'E, under tree roots on bank of dry creek (holotype ♂ AM P39123, ♂ and ♀ paratypes AM P39124, QM 15791, TMAG G3303, leg. Lewis, IX.1988); Queensland, Goldsborough Forest Road, Mulgrave River crossing, near Bellenden Ker (leg. Lewis, iv.1988).

Remarks: Taiti, Paoli & Ferrara (1998) reduced *Revolutus* to a synonym of *Schismadillo*.

***Rhabdoniscus* Vandel, 1981**

Family: Incertae sedis.

Type species: *Rhabdoniscus robustus* Vandel, 1981(m).

Localities: Cuba: prov. Oriente, Cueva Jibara, in plant litter (17.iii.1973), Cueva el Rabon, in plant litter (19.iii.1973), leg. Decou & Negrea.

*Rhacodes* C. L. Koch, 1856

Synonym of *Tylos* Audouin & Savigny, 1826?

Type species: *Rhacodes inscriptus* C. L. Koch, 1856.

Locality: Andalucia.

Remarks: Homonym of *Rhacodes* Ruschka, 1922 (Hymenoptera, Ichneumonidae). Gerstaecker in Gerstaecker & Ortmann (1901) referred to it as a synonym of *Tylos*. From the original description it is clear that *Rhacodes* is identical with *Tylos*. Eaton (1882), assuming affinity or identity with *Eluma*, was certainly wrong. Gerstaecker in Gerstaecker & Ortmann (1901) and Barnard (1932) considered *Rhacodes* to be a synonym of *Tylos* Audouin, 1825. Von Heller (1868) reported that he had examined 2 specimens of *Rhacodes inscriptus* obtained from C. L. Koch, and that he could not find any differences from *Tylos latreillei* from Bona near Algier, collected by Lucas.

*Rhinoryctes* Stuxberg, 1875

Synonym of *Alloniscus* Dana, 1854.

Type species: *Rhinoryctes mirabilis* Stuxberg, 1875 (m). Localities: California, near San Pedro, and near Pacific Ocean (12 specimens, leg. G. Eisen).

Remarks: Budde-Lund (1879) listed *A. mirabilis* Stuxberg under the genus *Alloniscus*, which means that he reduced *Rhinoryctes* to a synonym of *Alloniscus*.

***Rhodesillo* Ferrara & Taiti, 1978**

Family: Armadillidae.

Type species: *Rhodesillo sulcifrons* Ferrara & Taiti, 1978 (o, m).

Localities: Rhodesia, Mt. Selinda, forêt ombrophile de Chirinda, 1300, dans humus (♂ holotype, MRAC 50868, 1 ♀ allotype, MRAC 54505, 7 ♂ and 24 ♀ paratypes MRAC 54506, leg. N. Leleup, vii.1960); same data, but 1250 m (6 ♂ and 9 ♀ paratypes MRAC 50872, leg. N. Leleup, vii.1960).

Species: 2.

Distribution: Simbabwe, Fernando Poo.

***Rhodopioniscus Tabacaru*, 1993b**

Family: "Trichoniscidae".

Type species: *Balkanoniscus beroni* Vandel, 1965 (o, m).

Localities: Bulgaria: Rodopi Mts., Distr. Plovdiv, Topcika, near Dobrostan (5 ♂, 13 ♀, leg. Beron & Andreev, 21.vi.1960); Jamata cave, near Dobrostan (3 ♂, 6 ♀, leg. Beron, 09.viii.1962).

Species: 3.

*Rhyscotoides* Arcangeli, 1947  
Nomen nudum.

*Rhyscotoides* Arcangeli, 1950b

Unavailable name (ICZN Art. 13.3); Family: Rhyscotidae.

Type species: Not designated.

Species originally included:

1. *Rhyscotoides moandae* Arcangeli, 1950b: Congo, Moanda (8 specimens, leg. Bistremieux), Albertville (1 specimen, leg. P. Gérard, v.1930) MRAC.
2. *Rhyscotoides silvestrii* Arcangeli, 1950b: Sénégal, Dakar Thiès (6 specimens, leg. Silvestri), Congo (7 specimens, leg. Silvestri, 18.ii.1913), Angola, S. Paolo de Loanda (3 specimens, leg. Silvestri).

***Rhyscotoides Schmalzfuss & Ferrara*, 1978**

Family: Rhyscotidae.

Type species: *Rhyscotus parallelus* Budde-Lund, 1893 (designated by Schmalzfuss & Ferrara 1978).

Localities: Venezuela, "Galvanebjerg" (7 specimens with marsupium, 7 specimens without, leg. Meinert, 20.vii.1891, ZMUC CRU-1683); Caracas, Macuto (11 specimens without marsupium, leg. Meinert, 30.x.1891, ZMUC CRU-1682); Caracas (4 specimens with marsupium, 6 specimens without, leg. Meinert, 20.i.1891, BMNH 1921:10:18:1039-1065); (BMNH 1956:10:10:164-165).  
Syntypes.

Species: 10 nominal species.

Distribution: Pantropical?

Remarks: Arcangeli (1947) introduced the name *Rhyscotoides* for three species: *Rhyscotus indosinensis*, *R. silvestrii* and *R. moandae*. All these are nomina nuda, because no description was given. The first valid description is in Arcangeli (1950b), where *R. silvestrii* and *R. moandae* are described. In this

paper the author announced another paper, in which a description would be given, as being in press. However, this paper (Arcangeli 1950c) was published later. The name is unavailable, because a type species was not designated. Vandel (1968), having examined specimens from Samoa, Galapagos, Venezuela, Angola, Togo and Cap Vert, could not find differences between them and argued that some nominal species may be synonyms of *R. parallelus* (Budde-Lund, 1893). The mention of *Rhyscotus parallelus* as type species by Schmalzfuss & Ferrara (1978) is regarded as designation of a type species, according to ICZN Art. 69.1.1.

***Rhyscotus Budde-Lund*, 1885**

Family: Rhyscotidae.

Type species: *Rhyscotus turgifrons* Budde-Lund, 1885 (m).

Locality: St. John Island [probably former Danish West Indies, Caribbean Sea] (1 holotype specimen, leg. Prof. A. S. Ørsted, ZMUC CRU-1675).

Synonyms: *Stenomacrus* Budde-Lund, 1879; *Hypergnathus* Richardson, 1905.

Species: 15.

Distribution: Texas, Venezuela, Galapagos, Samoa, Comores, Nicaragua, Congo, South Africa, Mexico, Somalia.

Remarks: *Stenomacrus turgifrons* Budde-Lund, 1879 is a nomen nudum.

***Richardsoniscus Vandel*, 1963**

Family: Scleropactidae.

Type species: *Spheroniscus portoricensis* Richardson, 1901 (o, m).

Locality: Puerto Rico, El Yunque, 860 m (3 ♀ with marsupium, 1 ♀ without, syntypes, leg. Dr. C. W. Richmond, 26.ii.1900, USNM 23914).

***Riudillo Verhoeff*, 1937**

Family: Armadillidae.

Type species: *Riudillo takakuwai* Verhoeff, 1937 (m).

Locality: Okinawa (♀ holotype, leg. Takakuwa, ZMB 24726).

***Rodoniscus Arcangeli*, 1934**

Family: Bathytropidae.



Type species: *Rodoniscus anophthalmus* Arcangeli, 1934.

Localities: Greece: Rhodos: Marizza (1 ♂, leg. Silvestri, 1932), Kos (1 ♀, leg. Silvestri, 1932).

*Rogopus* Budde-Lund, 1908 b

Subgenus of *Porcellio* Latreille, 1804.

Type species: *Porcellio hoffmannseggii* Brandt, 1833 (o).

Locality: Portugal (holotype, ZMB 7023).

Remarks: Described as subgenus of *Porcellio*.

*Ropaloniscus* Radu, 1977

Synonym of *Hyloniscus* Verhoeff, 1908d.

Type species: *Ropaloniscus motasi* Radu, 1977.

Locality: Eastern Carpathian Mts., Sîmbra Oilor Valley (5 ♂, 2 ♀).

Remarks: Reduced to a synonym of *Hyloniscus* by Tabacaru (1996).

***Roraimoscia* Leistikow, 2001i**

Classification: Crinocheta.

Type species: *Philoscia roraimae* Van Name, 1936.

Locality: Venezuela, Mt. Roraima, Rondon camp (8 ♀ and 1 ♂ [syntypes?], leg. G. H. H. Tate, xii.1927, ♀ AMNH 6535, ♂ AMNH 6506).

*Roseoniscus* Arcangeli, 1938a

Unavailable name (ICZN Art. 13.3) .

Type species: Not designated.

Species originally included:

1. *Itea rosea* C. L. Koch, 1838: [locality not specified, probably near Regensburg].
2. *Typhloniscus stygius* Joseph, 1882: near Trieste, caves Corgnale and Gabrovizza (♂ and ♀ specimens).
3. *Androniscus microcavernicolus* Kesselyák, 1930: Istria, in an unnamed small cave at Mt. Maggiore (6 ♀, leg. Kesselyák, viii.1928 and 30 ♂ and ♀, leg. Kesselyák, viii.1929).
4. *Trichoniscus (Androniscus) histrianorum* Arcangeli, 1932: Istria, near Pola, in a cave (5 ♂ and 3 ♀, leg. Parenzan).

Remarks: This name was introduced for a subgenus of *Androniscus* Verhoeff, 1908 by Arcangeli (1938a), who included 4 species but did not designate a type species. *Androniscus microcavernicolus* was described as a subspecies *Androniscus roseus microcavernicolus* Kesselyák, 1930. *Androniscus histrianorum* was first described as a subspecies *Trichoniscus (Androniscus) roseus histrianorum* Arcangeli, 1932. Both were apparently elevated to specific rank by Arcangeli (1938a).

***Rostrophiloscia* Arcangeli, 1932c**

Family: Philosciidae.

Type species: *Rostrophiloscia dominicana* Arcangeli, 1932c (m).

Locality: Dominica Island, Laudat (leg. anonymous, vi.1911).

***Rotungus* Collinge, 1916**

Family: Incertae sedis.

Type species: *Rotungus pictus* Collinge, 1916 (m).

Locality: India, Assam, Abor country, 120 m, "under bark" (1 ♀ paratype, leg. S.W. Kemp, 30.xi.-8.xii.1911; BMNH 1919:4:26:541).

Remarks: According to the original paper, the type is in the Indian Museum. However, this could not be traced and it is not clearly indicated whether there was more than one specimen.

***Rufuta* Taiti & Ferrara, 1981**

Family: Eubelidae.

Type species: *Rufuta arganoi* Taiti & Ferrara, 1981 (o).

Locality: Tanzania, Uluguru Mts., Morning side, Toelo Forest, alt. 1450-2100 m (leg. Berger, Leleup & Debecker, 21-29.vi.1971: holotype ♂ MRAC 54887, paratypes 9 ♂ and 10 ♀ MRAC 54888, 1 juv. ♂ MRAC 53416).

Species: 2.

***Saidjahus* Budde-Lund, 1904**

Family: Eubelidae.

Type species: *Saidjahus creper* Budde-Lund, 1904 (designated by Taiti, Ferrara & Kwon, 1992).

Localities: Borneo, Telang and Pagat (3 ♂ and 8 ♀, leg. Grabowski, BMNH 1921:10:18:939-949, syntypes); (1 syntype, ZMH 16878); 14 syntypes (ZMB 11196-11197).

Species: 8.

Distribution: Sri Lanka, Burma, Thailand, Sumatra, Java, Borneo, Sulawesi.

Remarks: Budde-Lund (1904) included 4 species.

***Sanfilippia* Brian, 1949**

Family: Trichoniscidae, Haplophthalminae.

Type species: *Sanfilippia concii* Brian, 1949 (o, m).

Locality: Italy, Grotta della Scaggia, near Genova (2 ♂, 4 ♀).

*Sanfilippiella* Brian, 1952

Synonym of *Murgeoniscus* Arcangeli, 1938.

Type species: *Sanfilippiella pilosa* Brian, 1952.

Locality: Italy: Bari, Grave di Castellana, Caverna Bianca (leg. Sanfilippo, 22.x.1950).

Remarks: Brian (1955) found *Sanfilippiella pilosa* to be a synonym of *Murgeoniscus anellii* Arcangeli, 1938.

### ***Sardoniscus* Arcangeli, 1939a**

Family: Oniscidae.

Type species: *Sardoniscus pusillus* Arcangeli, 1939a(m).

Synonym of *Philoscia pygmaea* Budde-Lund, 1885.

Locality: Sardinia, Sassari, "Bosco di Rizzeddu", under limestone stones embedded in a thick layer of moist soil, occasionally with ants (numerous specimens, leg. Arcangeli, i-iv. 1924 and 1925).

Species: 2.

Distribution: Italy: Sardinia, San Marino.

Remarks: Vandel (1954) reduced *Sardoniscus pusillus* to a synonym of *Philoscia pygmaea* Budde-Lund, 1885 and placed it in the genus *Phalloniscus* Budde-Lund, 1908b. Ferrara & Taiti (1978) and Taiti & Ferrara (1996) considered *Sardoniscus* as a valid genus.

*Sayoscia* Schultz, 1983

Type species: *Philoscia vittata* Say, 1818 (o, m).

Synonym of *Littorophiloscia* Hatch, 1947.

Locality: "very common under stones, wood etc, in moist situations" (with no further information).

*Schioedtia* Budde-Lund, 1906

Preoccupied; synonym of *Mesoniscus* Carl, 1906.

Type species: Not designated.

Remarks: Budde-Lund (1906) instituted a new subgenus of *Trichoniscus* to include *Titanethes alpicola* Heller and *Titanethes graniger* Frivaldsky, without designating a type species. Gruner & Tabacaru (1963) found that *Schioedtia* is preoccupied by *Schioedtia* Kirkaldy, 1905 (Insecta, Hemiptera).

*Schismadillidium* Verhoeff, 1901

Subgenus of *Armadillidium* Brandt in Brandt & Ratzeburg, [1931].

Types-species: *Armadillidium furcatum* Budde-Lund, 1885 (m).

Localities: In the vicinity of Rome and Gennanzaro (17 syntypes, ZMUC Cru 433); (1 ♂, 1 ♀ syntypes, BMNH 1921:10:18:2885-2886).

### ***Schismadillo* Verhoeff, 1926a**

Family: Armadillidae.

Type species: *Schismadillo rouxi* Verhoeff, 1926a(m).

Locality: New Caledonia, Canala Mt., 800-100 m (1 ♂, 2 ♀, leg. Sarasin & Roux, 08.ix.1911).

Synonym: *Revolutus* Lewis, 1992.

Species: 6.

Distribution: Australia: Victoria, Northern Territory; New Guinea.

### ***Schizidium* Verhoeff, 1901**

Family: Armadillidiidae.

Type species: *Armadillidium oertzeni* Budde-Lund, 1896 (designated by Schmalfuss, 1986).

Localities: Rhodos, Kasos, "Karien", ?Karpantos; Karpathos (v.1887) and Rhodos (1 ♂ and 5 ♀ syntypes, leg. E. v. Oertzen, BMNH 1921:10:18:3086-3091).

Synonym: *Cretodillium* Vandel, 1958.

Species: 13.

Distribution: Irak, Iran, Syria, Greece, Armenia.

Literature: Schmalfuss (1988) described or re-described 11 species from western Asia.

### ***Schoebli* Budde-Lund, 1909**

Family: Schoebliidae.

Type species: *Schoebli circularis* Budde-Lund, 1909(m).

Locality: Mozambique. Quilimahe, in burrows of "*Termes monodon*" (3 syntypes, leg. Stuhlmann, 09.ii.1889, ZMH 18691) (fragments of a syntype, BMNH 1921:10:18:451).

Synonym: *Termitoniscus* Silvestri, 1918.

Species: 2.

Remarks: The name was originally written 'Schöbli'. The existence of the specimens in ZMH is not verified (Jeppesen 2000).

### ***Schoutedenillo* Arcangeli, 1950b**

Family: Eubelidae.

Type species: *Schoutedenillo congolensis* Arcangeli, 1950b(m).

Localities: Congo: Penge (2 ♂, 2 ♀, leg. Bequaert, 15.v.1914, MRAC); Mahari (1 ♀, leg. Scops, 1935).

### ***Scleropactes* Budde-Lund, 1885**

Family: Scleropactidae.

Type species: *Scleropactes concinnus* Budde-Lund, 1885 (designated by Mulaik 1960).

Locality: Peru: Tambillo (fragments of 2 ♂ and 1 other specimen, syntypes, leg. J. Stolzmann,

BMNH 1921.10.18.961-964); (2 ♂ [one without mouthparts], leg. Stolzmann, ZMUC 1686).

Synonyms: *Parasphaeroniscus* Vandel, 1963.

Species: 15.

Distribution: Central and South America, Cuba.

Remarks: Budde-Lund (1885) included two new species, *S. concinnus* and *S. incicus*. The mention of *Scleropactes concinnus* as "Genotipo" of *Scleropactes* by Mulaik (1960) is regarded as designation of the type species, according to ICZN Art. 69.1.1.

***Scotoniscus* Racovitza, 1908**

Family: Trichoniscidae.

Type species: *Trichoniscus (Scotoniscus) speonomos* Racovitza, 1908 (m).

Locality: France: Basses-Pyrénées: Grotte de Oxibar (1 ♂, 1 ♀, leg. ?, 05.i.1905).

Species: 3.

Distribution: Pyrenean Mts., Sardinia.

Remarks: Described as a subgenus of *Trichoniscus* Brandt, 1833.

***Scyphacella* Smith, 1874**

Family: Scyphacidae.

Type species: *Scyphacella arenicola* Smith, 1874 (m).

Locality: East coast of North America.

***Scyphax* Dana, 1852**

Family: "Scyphacidae".

Type species: *Syphax ornatus* Dana, 1853 (m).

Locality: New Zealand, Bay of Islands, Parua Harbour.

Species: 9 nominal species.

Distribution: New Zealand, New Caledonia, Japan.

Remarks: Specimens of the nominal species should be reexamined in order to prove that all of them belong to this genus.

***Scyphoniscus* Chilton, 1901**

Family: Scyphacidae.

Type species: *Scyphoniscus waitatensis* Chilton, 1901 (m).

Locality: New Zealand, Otago, Blueskin Bay (2 ♂ syntypes, leg. ? 1887, BMNH 1900: 11:1:51-52 and 1921:10:18:1067).

Species: 2.

Remarks: Budde-Lund (1908) regarded *Scyphoniscus* as a synonym of *Armadilloniscus*, based on the morphology of the first maxilla.

*Sechelloscia* Ferrara & Taiti, 1980

Nomen nudum.

***Sechelloscia* Ferrara & Taiti, 1983**

Family: Philosciidae.

Type species: *Sechelloscia benoiti* Ferrara & Taiti, 1983 (designated by Taiti & Ferrara 1980).

Localities: Seychelles, Mahé, Centre, Morne Blanc, alt. 667 m, forêt endémique (3 ♀, leg. P. L. C. Benoit & J. J. Van Mol, leg. 8-9.viii. 1972, MRAC 54666); Silhouette, Mt. Dauban, versant est, alt. 600 m, forêt endémique (6 ♂, 5 ♀, leg. P. L. C. Benoit & J. J. Van Mol, 5-7.vii. 1972, MRAC 54663); Silhouette, Mare aux Cochons, 500 m (12 ♂, 10 ♀, leg. P. L. C. Benoit & J. J. Van Mol. 2-8.vii. 1972, MRAC 54653).

Remarks: In the original description a type species was not chosen. In an earlier paper (Taiti & Ferrara 1980) the genus *Sechelloscia* is mentioned as "*Sechelloscia* Ferrara & Taiti, 1980", with 4 species included and "*Sechelloscia benoiti* Ferrara & Taiti, 1980" indicated as type species. If one does not consider the graphic representation of the position of the noduli laterales as a valid description, then *S. benoiti* Taiti & Ferrara, 1980 is a nomen nudum. The genus name *Sechelloscia* Taiti & Ferrara, 1980, despite being supplemented by a diagnosis, is also a nomen nudum, because it is based on a type species which is a nomen nudum. Actually the other paper cited by Taiti & Ferrara (1980) as "Ferrara & Taiti (1980)" was first published in 1983. In this later paper (Ferrara & Taiti 1983) the species are described, but no mention is made of a type species, probably because the authors obviously regarded the type species as already designated in the earlier paper.

***Serendibia* Manicastroi & Taiti, 1987**

Family: Philosciidae.

Type species: *Serendibia denticulata* Manicastroi & Taiti, 1987 (o, m).

Localities: Sri Lanka, Sabaragamuwa Prov., Deerwood, Kuruwita, 300-350 m, loc. 90:II:1 (♂ holotype, leg. LUCE, 18.ii.1962, MHNG; Paratypes: same data as holotype (1 ♂, 1 ♀ MHNG, 2 ♂, 5 ♀ ZIUL, 2 ♀ MZUF, 2 ♂, 2 ♀ MZUR); Sabaragamuwa Prov., Deerwood, Kuruwita, 10 km NNW Ratnapura, loc. 90:III, leg. LUCE, 18-21.ii.1962 (3 ♂, 12 ♀, ZIUL); Sabaragamuwa Prov., Carney, 13 km NE Ratnapura, 300 m, loc. 94, leg. LUCE, 20.ii.1962 (2 ♀, ZIUL); Sabaragamuwa Prov., Bopatella Falls, 14.5 km NNW Ratnapura, 40 m, loc. 91:I, leg. LUCE, 19.ii.1962 (1 ♂, 1 ♀, ZIUL); Sarabagamuwa Prov., Maratenna, 7 mls N Bangaloda, 1400 m, loc. 98, leg. LUCE, 22.ii.1962 (1 ♀, ZIUL); Sabaragamuwa Prov., Ratnapura, leg. Besuchet & Löbl, 21.i.1970 (1 ♂, MHNG); Sabaragamuwa Prov., Kuruwita, leg. Beron, 01.xii.1984 (2 ♂, 3 ♀, NMNHS); North Central Prov., Wilpattu Nat. Park, intermediate zone, 47 km NE Puttalam, 75 m, loc. 47, leg. LUCE, 02.iii.1962 (1 ♀, ZIUL); Southern Prov., Haycock Mt., 34 km NNE Galle, 325 m, loc. 34:I, leg. LUCE, 29.i.1962 (1 ♀, ZIUL); Diyaluma, leg. Besuchet & Löbl, 25.i.1970 (1 ♀, MHNG); Western Prov. Alawala, 42 km NE Colombo, about 150 m, loc. 13:II, leg. LUCE, 17.i.1962 (3 ♀, ZIUL); Uva Prov., Yalakumbura, 8 km SSW Bribile, 450 m, loc. 140, leg. LUCE, 13.iii.1962 (1 ♀, ZIUL).

*Sestoniscus* Budde-Lund, 1909

Synonym of *Trichoniscoides* G.O. Sars, 1898.

Type species: *Trichoniscus cavernicola* Budde-Lund, 1885 (m).

Localities: Pyrenean Mts., in caves: "Grotte de Rienfourcaud", "Grotte de Orobe" near "Alsasna", "Grotte de Ginoles" near "Quillan", "Grotte de Minerve" (3 ♂, 5 ♀ syntypes, leg. E. Simon, BMNH 1921:10:18:580-587).

Remarks: Budde-Lund (1909) transferred the species to the new subgenus *Sestoniscus* of the genus *Titanethes*.

*Setaphora* Budde-Lund, 1908b

Synonym of *Anchiphiloscia* Stebbing, 1908.

Type species: *Philoscia suarezi* Dollfus, 1895a (m).

Locality: Madagascar, Diego Suarez, Baie du Courrier, Rivière des Caïmans, centre of the Ambre peninsula, in a desiccated pond (several specimens, including males, leg. Ch. Alluaud, iv-viii.1893); "syntypes: specimens mixed with others from Nossi-Be collected by Voeltzkow" (Madagascar, Diego Suarez, BMNH 1921:10:18:2351-2358).

Remarks: Budde-Lund (1908b) wrote that numerous related

species also belong to *Setaphora*, but since he did not cite their names, *Philoscia suarezi* is type species by monotypy. Ferara & Taiti (1986), after examination of the type species, considered *Setaphora* to be a junior synonym of *Anchiphiloscia* and transferred the type species and *S. pilosa* Budde-Lund, 1913 to this genus. Some other species were transferred to *Burmoniscus* Collinge, 1914b in the same paper and by subsequent authors. The specimens of *Setaphora suarezi*, cited as syntypes in the list by Ellis & Lincoln (1975), obviously are non-type specimens, since they were collected by a different person.

### ***Siciloniscus* Caruso, 1982**

Family: Trichoniscidae.

Type species: *Siciloniscus tulliae* Caruso, 1982 (o, m).

Localities: Sicilia, Monti Peloritani, Bosco di Malabotto, in cerreta [*Quercus cerris* forest?] ed in faggeta [*Fagus* forest?], in decaying tree trunks (12 ♂, 19 gravid ♀, 5 juv., leg. Caruso, 29.vii.1982; holotype and paratypes in Caruso's collection); (2 ♂, 3 gravid ♀, leg. Bologna, 25.vi.1982); (3 ♂, 2 ♀, leg. Bologna, 30.v.1982); 3 ♂, 5 ♀, leg. Caruso, 17.ix.1981); (number of specimens not indicated, pitfall trap, leg. Zetto Brandmayr, 27.iv.1982); (1 ♀ in pitfall trap, leg. Z. Brandmayr, 19.vii.1982); (1 ♀ in pitfall trap, leg. Z. Brandmayr, 27.iv.1982); syntypes.

### ***Sinhaloscia* Manicastroi & Taiti, 1987**

Family: Philosciidae.

Type species: *Sinhaloscia dimorpha* Manicastroi & Taiti, 1987 (o, m).

Localities: Sri Lanka, Central Prov., Hakgala, 8 km SE Nuwara-Eliya, indigenous forest, loc. 114:II (♂ holotype, leg. LUCE, 03.iii.1962 (MHNG); Paratypes: same data (2 ♂, 2 ♀, MHNG; 13 ♂, 11 ♀, ZIUL; 2 ♂, 2 ♀, MZUF; 2 ♂, 2 ♀, MZUR); Central Prov., Horton Plains, 2100 m, 19.3 km SSE Nuwara-Eliya, loc. 163, leg. LUCE, 19.iii.1962 (5 ♂, 6 ♀, ZIUL); Central Prov., Horton Plains, 2000 m, 18 km SSE Nuwara-Eliya, indigenous forest, loc. 162, leg. LUCE, 19-20.iii.1962 (2 ♂, 6 ♀, ZIUL); Central Prov., Mt. Pidurutalagala, 1.6 km N Nuwara-Eliya, leg. Davis & Rowe, 14.ii.1970 (1 ♂, 3 ♀, USNM); Central Prov., Kandapola, 8 km ENE Nuwara-Eliya, 1900 m, loc. 115, leg. LUCE, 04.iii.1962 (1 ♂, ZIUL); Central Prov., Nuwara-Eliya, leg. Davis & Rowe, 10-21.ii.1970 (1 ♂, USNM);

Central Prov., Nuwara-Eliya, leg. Bartolozzi, 26.xi.1984 (1 ♂, MZUF); Central Prov. Pidurutalagala, 3.2 km N Nuwara-Eliya, 1900 m, loc. 116.II, leg. LUCE, 04.iii.1962 (2 ♀, ZIUL); Central Prov., Horton Plains, leg. Besuchet & Löbl, 15.ii.1970 (1 ♀, MHNG); Central Prov., Mudduk, 8 km NW Nuwara-Eliya, 1000 m, loc. 117, leg. LUCE, 04.iii.1962 (2 ♀, ZIUL); NE District, Kanda-Ela Reservoir, 90 km SW Nuwara-Eliya, leg. Davis & Rowe, 10-21.ii.1970 (3 ♀; USNM).

**Sinodillo Kwon & Taiti, 1993**

Family: Armadillidae.

Type species: *Sinodillo troglophilus* Kwon & Taiti, 1993 (o).

Locality: China: Yunnan: Chishui County: Cave Yan Dong (leg. Beron, 12.i.1989: ♂ holotype, SMNS, paratypes: 1 ♂, 6 ♀, 6 juv., NMNHS, 2 ♂, 3 ♀, SMNS, 3 ♂, 4 ♀, MZUF).

Species: 3.

Distribution: China, Yunnan.

**Sinoniscus Schultz, 1995b**

Family: Styloniscidae.

Type species: *Sinoniscus cavernicolus* Schultz, 1995b (o, m).

Type locality: China: Guangxi, N Guilin, Lin Chuan County, a cave at Taiping Yau (3 ♂, 6 ♀, leg. A. Hubbard, 01.viii.1993: ♀ holotype and 1 ♂, 3 ♀ paratypes IZAS 940925, 1 ♂, 2 ♀ paratypes USNM 267281).

**Socotroniscus Ferrara & Taiti, 1996**

Family: “Trachelipodidae”.

Type species: *Socotroniscus sacciformis* Ferrara & Taiti, 1996 (o, m).

Locality: Socotra Island: Muomi (♂ holotype SMF, 3 ♂, 3 ♀, 3 juv. Paratypes SMF, 1 ♂, 1 ♀ paratypes MZUF).

*Soleriscus* = misspelling of *Soteriscus* (in Arcangeli 1958a).

**Somalodillo Taiti & Ferrara, 1982a**

Family: Eubelidae.

Type species: *Somalodillo squamatus* Taiti & Ferrara, 1982a (o).

Locality: Somalia: Chellihet 8°46'14"N, 49°12'07"E, 695 m (1 ♂, 2 ♀ leg. SBS, 14.iv.1982; MZUF 1021; syntypes).

Species: 3.

Distribution: Somalia, Saudi Arabia.

*Somaloniscus* Ferrara & Taiti, 1979  
Unavailable name (ICZN Art. 13.3).

**Somaloniscus Ferrara & Taiti, 1996**

Family: Eubelidae.

Type species: *Microcercus taramassoi* Arcangeli, 1933 (designated by Ferrara & Taiti, 1996).

Localities: Somalia; Gelib (1 ♀, leg. G. Scortecchi, vi.1931.); shrub on the dune of Mogadishu (1 ♂, 8 ♀, leg. G. Scortecchi, 05.vii.1931); Benadir (1 ♂, 2 ♀, leg. Taramasso, Mus. Zool. Torino).

Species: 5.

Remarks: The genus was first described without designating a type species, with four species ascribed to it.

*Soteriscus* Vandel, 1956

Unavailable name (ICZN Art. 13.3); Family: Porcellionidae.  
Type species: Not designated.

Species originally included:

1. *Metoponorthus stricticauda* Dollfus, 1893c: Islas Canarias, Palma, “Topito”, 250 m, east slope (1 ♀, holotype?, leg. Ch. Alluaud, MNHN-Is2274).
2. *Metoponorthus wollastoni* Paulian de Félice, 1939: Madeira, Camacha, 700-800 m, leaf litter (1 ♂, 5 ♀, leg. Ch. Alluaud, iii-vi.1936).
3. *Metoponorthus (Soteriscus) gaditanus* Vandel, 1956: Southern Spain, Tarifa (♂ and ♀, leg. Coiffait, Colas, Mateu and Vandel, 18.v.1952).
4. *Porcellio fuscovariegatus* Lucas, 1849: Algeria, near Oran and Algier.

Species: 7?

Distribution: Madeira, Canary Islands.

Remarks: Introduced as a subgenus of *Metoponorthus*. Vandel & Matsakis (1959) elevated it to genus rank.

**Spelaeonethes Verhoeff, 1932**

Family: Trichoniscidae.

Type species: *Spelaeonethes nodulosus* Verhoeff, 1932 (m).

Locality: Italy: Brenta valley, “Grotta Parolini” cave near Oliero (2 ♂, leg. K. Strasser, 02.vi.1930).

Species: 5.

Distribution: Spain, Italy, Sicily, Sardinia, Algeria.

Remarks: Vandel (1975) argued that the type species is not *S. nodulosus*, but *Trichoniscus medius* Carl, 1908, without indicating any reason. Tabacaru (1996) included 5 species.

***Spelaeoniscus Racovitza, 1907b***

Family: Spelaeoniscidae.

Type species: *Spelaeoniscus debrugei* Racovitza, 1907b (m).

Localities: Algeria, Constantine prov., commune de Bougie, cap Carbon, Grotte du pic des Singes no. 176 (1 adult ♂ [holotype?] and 2 imm. ♂, leg. 05.x.1906); Constantine prov., commune de Tababort, near Ziama, Grotte de la Madeleine, no. 179 (1 ♂, leg. 11.x.1906).

Species: 14.

Distribution: North-west Africa.

*Sphaerillo* Verhoeff, 1926aAccording to ICZN (3rd edition) Art. 33 b(iii) this is an "unjustified emendation" of the name *Spherillo* Dana, 1852, and therefore an objective junior synonym of it (Lehtinen, Taiti & Ferrara 1998). Green (1961) designated *Sphaerillo pygmaeus* Verhoeff, 1926a, as the type species of *Sphaerillo* (see also remarks under *Spherillo*).*Sphaerillodillo* Arcangeli, 1934

Unavailable name (ICZN Art. 13.3).

***Sphaerillodillo Taiti, Paoli & Ferrara, 1998***

Family: Armadillidae.

Type species: *Armadillo pubescens* Budde-Lund, 1885 (o).

Locality: Cape of Good Hope (leg. Drege).

Remarks: Arcangeli (1934) introduced *Sphaerillodillo* as a subgenus of *Spherillo*, with 2 species included. Taiti, Paoli & Ferrara (1998) validated the name by choosing a type species, and raised it to genus rank.*Sphaerilloides* Vandel, 1974Synonym of *Spherillo* Dana, 1852.Type species: *Sphaerilloides philippinensis* Vandel, 1974 (m).

Locality: Philippines, Tawi-Tawi, Tarawakan, N of Batubatu, 5°08'N, 119°53'E (leg. T. Wolff, 24.x.1961, 1 specimen, see slide collection, ZMUC CRU-7776).

Species: 7.

Distribution: New Zealand, Philippines, around Indian Ocean.

Remarks: In a paper entitled "Les Oniscoides de la Nouvelle-Zélande et de l'Archipel Kermadec", Vandel (1977a) described "*Sphaerilloides* n. gen.", assigning 8 species, including the remark "une espèce, *philippinensis* n. sp. ... sera décrite dans une autre publication" [one species, *philippinensis* n. sp. , ... will be described in another publication]. As the other paper appeared in 1974, *Sphaerilloides philippinensis* is the type species by monotypyand the other species have been added subsequently in 1977. Taiti, Paoli & Ferrara (1998) reduced *Sphaerilloides* to a synonym of *Spherillo* Dana, 1852.***Sphaerobathytropa Verhoeff, 1908a***

Family: Scleropactidae.

Type species: *Sphaerobathytropa ribauti* Verhoeff, 1908a (m).

Locality: France: Pyrenees, St. Béat (2 ♀ syntypes, leg. H. Ribaut, BMNH 1908:6:1:15-16); same data (2 ♀ and 4 slides, syntypes, ZSM).

Species: 2.

***Sphaeroniscus Gerstäcker, 1854***

Family: Scleropactidae.

Type species: *Sphaeroniscus flavomaculatus* Gerstäcker, 1854 (m).

Locality: "Neu Granada" (♂ holotype, leg. Goudot, ZMB\*27267).

Species: 3.

Distribution: Colombia, Venezuela, Ecuador.

Remarks: Taiti, Ferrara &amp; Schmalfuss (1986) reported 1857 as publication date. "Neu Granada" seems to be an old name for Colombia. [The asterisk in the catalogue number is an internal designation for type material.]

***Sphenodillo Lewis, 1998b***

Family: Armadillidae.

Type species: *Sphenodillo agnostos* Lewis, 1998b (m).

Localities: Lord Howe Island, junction of track to Mutton Bird Rookery and track round Intermediate Hill (♂ holotype AM P50178, 1 ♀ allotype AM P50179, 1 ♂ and 2 ♀ paratypes AMP50180, leg. F. Lewis, v.1992).

Remarks: Lewis named the new species as *Sphenodillo agnostos*; obviously by error, she mentioned another name, *Sphenodillo howensis*, in a short remark preceding the description and in the designation of the type species. *Sphenodillo howensis* is formally a nomen nudum, but from the context it is clear that both names refer to the same specimens.***Spherarmadillo Richardson, 1907***

Family: Scleropactidae.

Type species: *Spherarmadillo schwarzi* Richardson, 1907 (o, m).

Locality: Guatemala: Livingston (1 ♀, leg. Schwarz & Barber, iv.1906; USNM 33471).

Species: 3.

Distribution: Guatemala, Mexico.

***Spherillo* Dana, 1852**

Family: Armadillidae.

Type species: *Spherillo vitiensis* Dana, 1853 (designated by Opinion 1951 of the International Commission on Zoological Nomenclature, 2000).

Locality: Fiji Islands, Viti Levu, Kaba, “barrier reef” (♀ neotype, leg. S. Bock, 10.viii.1917, NHRS 7635; this specimen is also the holotype of *Melanesillo scamnorum*, see below).

Synonyms: *Sphaerillo* Verhoeff, 1926a; *Melanesillo* Verhoeff, 1938a; *Sphaerilloides* Vandel, 1974.

Species: 3.

Distribution: Fiji Islands, Yunnan, Vietnam.

Remarks: The nomenclatorial status of *Spherillo* was discussed in detail by Lehtinen, Taiti & Ferrara (1998). After these authors, the name is available from 1852, when Dana described the genus; in 1853, Dana described 4 species of *Spherillo*, of which *S. vitiensis* was proposed as type species by Jackson (1941). Verhoeff (1926a) changed the name to *Sphaerillo*, which is an unjustified emendation (Art. 33b). Jackson’s mention of *Spherillo vitiensis* with a question mark is not a valid type species designation under ICZN Art. 7.5.3. Green (1961) designated *Sphaerillo pygmaeus* Verhoeff, 1926a, as type species of *Sphaerillo* Verhoeff. Lehtinen, Ferrara & Taiti (1998) asked the International Commission on Zoological Nomenclature to set aside all previous fixations of type species, and to designate *Spherillo vitiensis* Dana, 1853 as the type species. Moreover they designated as neotype of *S. vitiensis* the holotype specimen of *Melanesillo scamnorum* Verhoeff, 1938, which makes the latter a junior objective synonym of the former. These proposals were accepted by the International Commission on Zoological Nomenclature (Opinion 1951).

*Spiloniscus* Racovitza, 1908

Synonym of *Trichoniscus* Brandt, 1833.

Type species: *Trichoniscus (Spiloniscus) provisorius* Racovitza, 1908 (o).

Localities: France: dépt. Ariège, canton de Foix, commune de Freychenet, Grotte des Capètes, no. 208 (2 ♂, 2 ovigerous ♀ and 1 ♀, incl. holotype, leg. 24.vii.1907); dépt. Ariège, canton de Foix, commune de l’Herm, Grotte de l’Herm, nos. 157, 158 (1 ♂, 1 ♀ with 8 embryos and 1 ♀ without, leg. 20.viii.1906); dépt. Basses-Pyrénées, canton de Mauléon, commune d’Aussurucq, Grotte d’Istaurdy, no. 130 (1 ♀, 01.i.1906); dépt. Basses-Pyrénées, commune de Tardets-Sorholus, commune de Camou-Cihigue, Grotte de Compagnaga Lecia, no. 188 (2 ♀, 02.i.1907).

Remarks: Racovitza (1908) could not include *Trichoniscus pusillus* with certainty in this subgenus; he wrote, “if *Trichoniscus pusillus* could be included, after thorough examination of the type specimens of that species or of material collected at the type locality, the name *Spiloniscus* would have to be replaced by *Trichoniscus*.”

***Stegosauroniscus* Schmölzer, 1974**

Family: Eubelidae.

Type species: *Stegosauroniscus horridus* Schmölzer, 1974 (m).

Localities: Tanzania: Mt. Meru, western slope: above Oldongo-Sambu, 2200 m, in leaf litter (4 ♂, 21 ♀, leg. Prof. Franz, 08.vii.1962); *Hagenia* forest, 2600 m (7 ♂, 29 ♀, leg. Prof. Franz, 09.vii.1962); beside the road above Olkokola, 2200 m, litter (2 ♀, 1 juv., leg. Prof. Franz, 09.vii.1962); on the way from Marangu to the Kilimanjaro, 2200 m, in leaf litter of a montane forest (1 ♀, leg. Prof. Franz, 13.vii.1962).

*Stenomacrus* Budde-Lund, 1879

Remarks: Nomen nudum, and preoccupied by *Stenomacrus* Förster, 1868 (Insecta, Hymenoptera, Ichneumonidae); Budde-Lund (1885) replaced this name by *Rhyscotus* Budde-Lund, 1885.

***Stenoniscus* Aubert & Dollfus, 1890**

Family: Stenoniscidae.

Type species: *Stenoniscus pleonalis* Aubert & Dollfus, 1890 (m).

Locality: France: Marseille: anse de Mourepiane (1 specimen).

Synonym: *Parastenoniscus* Verhoeff, 1908.

Species: 2?

Distribution: Mediterranean, Portugal, Canary Islands, Galapagos, Bermuda.

***Stenophiloscia* Verhoeff, 1908c**

Family: Halophilosciidae.

Type species: *Stenophiloscia glarearum* Verhoeff, 1908c (o, m).

Locality: Sicily: Taormina (2 ♂, 1 ♀, BMNH 1921:6:10:72-74, syntypes).

Species: 6.

Distribution: Dalmatia, Greece, Italy.

*Stenopleonoscia* Herold, 1932

Unavailable name (ICZN Art. 13.3); family: Philosciidae.  
Type species: Not designated.

Species originally included:

1. *Stenopleonoscia albomarginata* Herold, 1932: Indonesia: Sabang (2 ♂, 2 ♀, leg. Rensch, ii.1927, syntypes, ZMB 23005 + slide 4070).
2. *Stenopleonoscia setosa* Herold, 1932: Indonesia: Java: Lawu, 1787m, Sarangan area (1 ♂, 2 ♀, leg. Thienemann, 9.xii.1928, syntypes).
3. *Stenopleonoscia nitida* Herold, 1932: Indonesia: Flores: Geli Mutu, 1300m (9 ♂, 12 ♀, leg. Rensch, 15.-20.vii.1927, syntypes, ZMB 23010 + slides 4073-4074).
4. *Stenopleonoscia wahrbergii* Herold, 1932: Indonesia: Sabang (1 ♂, leg. Rensch, ii.1927, holotype ZMB 22994 + slide 4061).

### *Stephenoscia* Vandel, 1977a

Family: Philosciidae.

Type species: *Stephenoscia bifrons* Vandel, 1977a(m).

Localities: New Zealand: Stephens Island, 40° 40'S, 174°00'E (leg. Forster, 19.iv.1950); French Pass, between d'Urville Island and South Island (leg. Hurley, 06.ii.1950); Fergusson Bush, near Hokatiky (leg. Forster, 09.xii.1949).

*Strouhalius* Verhoeff, 1940b

Unavailable name (ICZN Art. 13.3); synonym of *Oroniscus* Verhoeff, 1908.

Type species: Not designated.

Species originally included:

1. *Oroniscus (Oroniscus) absoloni* Strouhal, 1937: near Krivošije: cave near Napode (1 ♀, 11.viii.1917); same cave (1 ♀, 25.x.1917); "Pecina im Han-Pass" (1 ♂, 4.viii.1917); cave in "Selakov dô" (4 ♂, 9.viii.1917); all specimens, leg. K. Absolon..
2. *Oroniscus (Oroniscus) dalmaticus* Strouhal, 1937: Central Dalmatia, Mosor Mts., cave "Vranjaca" near Dugopolje (1 ♀, leg. K. Absolon, 3.xi.1914).
3. *Oroniscus (Oroniscus) meledensis* Strouhal, 1937: Meleda Is., cave "Špilja Ostaševica" (2 ♂, 1 ♀, leg. K. Absolon, 24.vii.1917).

Remarks: Verhoeff (1940b) erected the genus for 3 species described by Strouhal (1937) in the genus *Oroniscus*. Due to the lack of designation of a type species, *Strouhalius* is an unavailable name.

### *Strouhaloniscellus* Tabacaru, 1993b

Family: Trichoniscidae, Haplophthalminae.

Type species: *Haplophthalmus anophthalmus* Strouhal, 1939d (o, m).

Locality: South Bosnia, "Biospeologica balcanica Loc. 32", small cave near the observatorium on the Bjelasnica Planina (1 ♂, leg. Prof. Absolon, 30.vi.1912).

*Strouhaloniscus* Arcangeli, 1939b

Unavailable name (ICZN Art. 13.3); synonym of *Oroniscus* Verhoeff, 1908c.

Type species: Not designated.

Species originally included:

1. *Oroniscus (Oroniscus) absoloni* Strouhal, 1937: near Krivošije [probably in Croatia or Montenegro]: cave near Napode (1 ♀, 11.viii.1917); same cave (1 ♀, 25.x.1917); "Pecina im Han-Pass" (1 ♂, 4.viii.1917); cave in "Selakov dô" (4 ♂, 9.viii.1917); all specimens, leg. K. Absolon.
2. *Oroniscus (Oroniscus) dalmaticus* Strouhal, 1937: Central Dalmatia, Mosor Mts., cave "Vranjaca" near Dugopolje (1 ♀, leg. K. Absolon, 3.xi.1914).
3. *Oroniscus (Oroniscus) meledensis* Strouhal, 1937: Croatia, Meleda Is. [now Mljet Is., 42°44'N, 17°32'E], cave "Špilja Ostaševica" (2 ♂, 1 ♀, leg. K. Absolon, 24.vii.1917).
4. *Porcellio stentai* Arcangeli, 1926: Dalmatia, Brac Is., Cinjadra cave (2 ♀, leg. M. Stenta, 23.viii.1903, Museo di Trieste).

Distribution: North-east Adriatic.

Remarks: Strouhal (1971) mentioned *Strouhalius* Verhoeff, 1940b as a synonym of *Strouhaloniscus*. Both names are unavailable according to ICZN Art. 13.3 and the species covered are retained in *Oroniscus*.

*Stylogigidium* Borutzky, 1950

Subgenus of *Ligidium* Brandt, 1833.

Type species: *Ligidium (Stylogigidium) cavaticum* Borutzky, 1950 (o, m).

Localities: Russia, Krasnodar district, Khosta, Musejnaya Cave (♂ holotype, 3 ♀, 2 juv., paratypes, leg. Birstein, 23.xii.1940; ZMMU); Mokraya Cave (3 ♀, 2 ♂, 2 juvenile ♀, leg. Birstein, 23.xii.1940); Voronovskaya Cave (2 ♀, leg. Birstein, 12.xii.1943); Adler, Shirokopskaya Cave (1 ♂, leg. Birstein, 01.xi.1943).

Remarks: From the material listed in the original publication, only the sample from the Musejnaya Cave is quoted in a list of type specimens in the ZMMU (Borutzky 1972).

### *Stylohylea* Verhoeff, 1930a

Family: Trichoniscidae.

Type species: Not designated.

Species originally included:

1. *Trichoniscus (Stylohylea) fagorum* Verhoeff, 1930a: Bosnia, near the Plitvice lakes, in forest, under leaf litter (8 ♂, 6 ♀), under moss on decaying *Fagus* logs (16 ♂, 9 ♀, leg. Verhoeff, 14-16.iv.1928; 2 ♂ syntypes BMNH 1930:5:26:36, 1970:4:1).
2. *Trichoniscus bosniensis* Verhoeff, 1901:



Mountains of Bosnia and Hercegovina, and Grabovica cave (no further details).

Remarks: Verhoeff (1930a), when introducing the new subgenus, included two species, *fagorum* Verhoeff, 1930 and *bosniense* Verhoeff, 1901, but did not designate a type species. Strouhal (1939a) reduced *T. fagorum* to a synonym of *T. bosniensis*.

***Styloniscus* Dana, 1853**

Family: Styloniscidae.

Type species: *Styloniscus longistylis* Dana, 1853 (designated by Jackson 1941).

Locality: “Island of Tongatapu, Friendly Islands” [= Tongatapu Is., 21°10’S, 175°15’W].

Synonyms: *Microniscus* Dollfus, 1890a; *Oligoniscus* Dollfus, 1890b.

Species: 63.

Distribution: South America, South Africa, Australia, Tasmania, Cuba, California.

Remarks: Jackson (1941) mentioned *Styloniscus longistylis* as type species, which is equivalent to a designation of the type species.

*Stymphalus* Budde-Lund, 1879

Synonym of *Ligia* Fabricius, 1798.

Type species: *Ligia dilatata* Perty, 1934 (after Verhoeff & Strouhal 1967).

Remarks: The name is available with the publication year 1879, since a described species was included.

***Suarezia* Budde-Lund, 1904**

Family: Scleropactidae?

Type species: *Mesarmadillo heterodoxus* Dollfus, 1895a (m).

Locality: Madagascar, Diego Suarez, montagne d’Ambre (several specimens).

Species: 2.

***Sulesoscia* Vandel, 1973**

Family: Philosciidae.

Type species: *Sulesoscia epigea* Vandel, 1973 (o, m).

Locality: Cuba, Provincia de Oriente, in the valley of the Rio Baracoa, near the village Tinta; in plant litter.

*Sumatrillo* Herold, 1932

Unavailable name (ICZN Art. 13.3).

***Sumatrillo* Taiti, Paoli & Ferrara, 1998**

Family: Armadillidae.

Type species: *Sumatrillo thienemanni* Herold (designated by Taiti, Paoli & Ferrara, 1998).

Locality: Northern Sumatra, near Toba Lake [Tropfsteinhöhle] (7 ♂, 14 ♀, 13 juv., leg. Thienemann, 1929/30, ZMB 23027).

Species: 2.

Remarks: Herold (1932) introduced the name *Sumatrillo* for two species, but the name is unavailable, because he did not designate a type species. Taiti, Paoli & Ferrara (1998) validated the name by choosing a type species.

***Sunniva* Budde-Lund, 1908b**

Family: Eubelidae.

Type species: *Sunniva mystica* Budde-Lund, 1908b (designated by Budde-Lund 1904).

Locality: Madagascar (syntype: few fragments only, leg. A. Voeltzkow, BMNH 1921:10:18:938); (2 syntypes, ZMH 16892).

Species: 5.

Distribution: Madagascar, Mauritius.

Remarks: Budde-Lund (1904) mentioned the name *Sunniva*, with the type species *S. mystica*. For the description of this species, he referred to a future publication, which was published in 1908. Therefore, *Sunniva* Budde-Lund, 1904 is a nomen nudum, and the correct name is *Sunniva* Budde-Lund, 1908. However, Budde-Lund (1908 b) did not designate a type species. It can be supposed that Budde-Lund (1908 b) regarded the type species as already designated (in 1904).

*Synarmadillidium* Arcangeli, 1939c

Synonym of *Troglarmadillidium* (*Typhlarmadillidium*) after Strouhal (1940).

Type: *Cylisticus kratochvili* Frankenberger, 1938a (o, m).

Locality: Croatia, Korcula Is. [42°57’N, 16°55’E], in cave near Rasokatka near village Postrana (1 ♀ holotype, leg. Kratochvíl).

***Synarmadillo* Dollfus, 1892**

Family: Armadillidae.

Type species: *Synarmadillo clausus* Dollfus, 1892(m).

Locality: West Africa, Ivory Coast, “Assinie” (1 ♀ with marsupium and fragments of 1 ♂ and 1 ♀ with marsupium, syntypes, leg. Ch. Alluaud, viii.1886, MNHN-Is5742); (1 ♂ syntype, leg. Ch. Alluaud, viii.1886, MNHN-

Is5743); (1 ♀ syntype? in BMNH 1921:10:18:1360).

Synonyms: *Haplarmadillo* Dollfus, 1896a; *Coxopodias* Richardson, 1910b; *Minca* Pearse, 1916; *Leucodillo* Vandel, 1974.

Species: 26.

Distribution: Togo, Guinea, Cameroon, Kenya, Madagascar, Ethiopia, Congo, New Guinea.

Remarks: Dollfus (1892) in the description of *Synarmadillo clauses* mentioned 4 specimens, ♂ and ♀. These are syntypes. However, the material mentioned above includes 5 specimens.

### ***Synarmadilloides* Nobili, 1906**

Family: Eubelidae.

Type species: *Synarmadilloides roccatii* Nobili, 1906 (m) (synonym of *Eubelum pila* Budde-Lund, 1899).

Localities: Ruwenzori: Toro and Mt. Ruwenzori, 3000m.

Remarks: Arcangeli (1932b) reduced *Synarmadilloides roccatii* to a synonym of *Gerutha pila*.

*Syngastron* Costa, 1883

Synonym of *Helleria* Ebner, 1868.

Type species: *Syntomagaster dasytus* Costa, 1882 (m) (synonym of *Helleria brevicornis* v. Ebner, 1868).

Remarks: Replacement name for *Syntomagaster* Costa, 1882; reduced to a synonym of *Helleria* by Barnard (1932).

*Syntomagaster* Costa, 1882

Synonym of *Helleria* Ebner, 1868.

Type species: *Syntomagaster dasytus* Costa, 1882 (m) (synonym of *Helleria brevicornis* v. Ebner, 1868).

Remarks: This name was preoccupied for a genus of Diptera; Costa (1883) changed it to *Syngastron*.

### ***Synuropus* Richardson, 1901**

Family: Scleropactidae.

Type species: *Synuropus granulatus* Richardson, 1901 (m).

Locality: Porto Rico, El Manque, 850 m (USNM 23912).

Remarks: *Synuropus* was sunk into synonymy with *Scleropactes* by Van Name (1936), followed by subsequent authors. Schmalfuss (1980) considered this species as not belonging in the Scleropactidae. Reexamination of the type specimen showed that *S. granulatus*

lacks the apomorphic characters of *Scleropactes*, so the synonymization was incorrect.

*Syspastus* Budde-Lund, 1879

Synonym of *Helleria* Ebner, 1868.

Type species: *Helleria brevicornis* Ebner, 1868 (m).

Remarks: The name *Syspastus* appeared first in Budde-Lund's (1879) list of terrestrial isopods. No description was provided, but only the species *Helleria brevicornis* is mentioned, which could be regarded as equivalent to the designation of a type species. If this was not accepted, then the date is 1885, when Budde-Lund gave a description; however, in both cases *Helleria* has priority.

### ***Tachysoniscus* Verhoeff, 1930a**

Family: Trichoniscidae.

Type species: *Trichoniscus austriacus* Verhoeff, 1908d (o, m).

Locality: SE Alps, Weißenfelder Seen, Pontafol, Fiume, Tirol (leg. Verhoeff).

Remarks: Verhoeff (1930) instituted *Tachysoniscus* as a subgenus of *Trichoniscus*.

### ***Tadzhikoniscus* Borutzky, 1976**

Family: Porcellionidae.

Type species: *Tadzhikoniscus coecus* Borutzky, 1976 (o, m).

Localities: Tadzhikistan, Sovkhos "Stalingrad", upper soil layer 0-10 cm (16 ♀ and ♂, leg. Valiakhmedov, 12.v.1959); same data, but on a cotton plantation (1 ♀ and 1 ♂ (holotype), leg. Valiakhmedov, 13.x.1960). Holotype and paratypes in ZMMU inv. No. MS-918.

*Talifa* Budde-Lund, 1908b

Subgenus of *Porcellio* Latreille, 1804.

Type species: *Metoponorthus peregrinus* Budde-Lund, 1885 (o).

Locality: Unknown (leg. Dupont; Mus. Petersburg, after Budde-Lund 1885).

Remarks: Introduced as subgenus of *Porcellio*.

### ***Tasmanoniscus* Vandel, 1973**

Family: Incertae sedis.

Type species: *Tasmanoniscus evansi* Vandel, 1973 (m).

Locality: Australia, Lord Howe Island, on top of Mt. Gower, 858 m ([numerous?] ♂ and ovigerous ♀, leg. Linklater).

*Tauroligidium* Borutzky, 1950

Subgenus of *Ligidium* Brandt, 1833.

Type species: *Tauroligidium stigmatum* Borutzky, 1950 (o, m).

Locality: Krym, Skelskaya Cave (1 ♂ holotype, and paratypes: 5 ♀, 4 ♂, 4 juv., leg. Birstein, 04.vii.1938, ZMMU 563).

**Tauronethes Borutzky, 1949**

Family: Trichoniscidae.

Type species: *Tauronethes lebedinskyi* Borutzky, 1949 (o, m).

Locality: Krym, Skel'skaya Cave (1 ♀ [more?], leg. Birstein, 04.vii.1938).

**Tendosphaera Verhoeff, 1930b**

Family: Tendosphaeridae.

Type species: *Tendosphaera verrucosa* Verhoeff, 1930b (m).

Locality: Italy, near Limone, beside Col di Tenda, 1000 m, *Fagus-Corylus* forest on limestone, under stones, and in the soil (10 specimens, leg. Verhoeff, 19.iv.1929; 1 syntype specimen BMNH 1930:5:26:75).

Species: 2.

Distribution: North-west Italy; Greece, Levkas Is.

Remarks: Only 2 valid species, the others fall in synonymy.

Literature: Schmalzfuss (1989a) described the second species *T. graeca* and the differences between both species.

**Tenebrioscia Schultz, 1985**

Family: Philosciidae.

Type species: *Tenebrioscia antennuata* Schultz, 1985 (o, m).

Locality: Java: "Wall of K. Bribin, V. S." Cave (♀ holotype BMNH 184:252, ♀ paratype BMNH 1984:253).

*Termitoniscus* Silvestri, 1918

Synonym of *Schoebelia* Budde-Lund, 1909.

Type species: *Termitoniscus fulleri* Silvestri, 1918.

Locality: Mozambique, Inhonguvo, Buzi River, Beira, in nest of *Termes bellicosus* Smeath (1 ♀, leg. Claude Fuller, v. 1915).

Remarks: Barnard (1932) reduced *Termitoniscus* to a synonym of *Schoebelia*.

**Thailandoniscus Dalens, 1989**

Family: Styloniscidae.

Type species: *Thailandoniscus annae* Dalens, 1989 (o, m).

Locality: Thailand, Phangnga province, Tham Tapan cave, in water (8 ♂, 13 ♀, leg. Bedos & Deharveng, 26.vii.1987, type specimens in Coll. Dalens).

**Thaumatoniscellus Tabacaru, 1973**

Family: Trichoniscidae.

Type species: *Thaumatoniscellus orchidani* Tabacaru, 1973 (o, m).

Locality: Romania: Oltenia, "dans les lithoclasses près de la grotte de Topolnita, Plateau de Mehedinti, commune de Ciresu, au nord-nord-est de la ville de Drobeta Turnu-Severin" (2 ♂, 2 ♀, leg. T. Orghidan, 20.ix.1967).

*Thermocellio* Verhoeff, 1942e

Unavailable name (ICZN Art. 13.3); Family: Porcellionidae.

Type species: Not designated.

Species originally included:

1. *Thermocellio griseus* Verhoeff, 1942e: Tanzania, Ugogu/Turu, near Suna Singidda (leg. E. Obst, 24.ii.1911, ZMH).

2. *Thermocellio nodulosus* Verhoeff, 1942e: Tanzania, Ugogu, Kilimatinde (leg. Obst, ZMH 23406), "Ost-Ufioni" (leg. Obst, ZMH 23410).

Species: 6?

Distribution: Kenya, Tanzania.

Remarks: Taiti & Ferrara (1987) regarded *Thermocellio* as a probable synonym of *Uramba* Budde-Lund, 1908b, but they did not establish the synonymy or designate a type species, so the name remains unavailable.

**Thomasoniscus Vandel, 1981**

Family: Philosciidae.

Type species: *Thomasoniscus angulatus* Vandel, 1981 (m).

Locality: Cuba, Cran Caverna de Santo Tomás, Cueva del Salón, entrance zone (leg. Orghidan, 12.iv.1973).

*Thomsenia* Panning, 1924

Synonym of *Niambia* Budde-Lund, 1904) (after Barnard 1932).

Type species: *Thomsenia damarensis* Panning, 1924 (m).

Locality: Namibia, Gr. Okatjeru, ca. 50 km S of Waterberg Mt. (1 ♀, 2 ♂, leg. H. Thomsen, 1912).

Remarks: Reduced to a synonym of *Niambia* by Barnard (1932).

**Thrakosphaera Schmalzfuss, 1998**

Family: Tendosphaeridae?

Type species: *Thrakosphaera schawalleri* Schmalzfuss, 1998 (o, m).

Localities: NE Greece, Thrakia, Nomos Xanthi, Nestos valley near Toxotes, left side of river Nestos (♂ holotype SMNS T405, 8 ♀ paratypes, leg. Schawaller, 25.iv.1994, SMNS T406, NHMW 18081, SMNS REM93); Nomos Evros, 10 km SW Dhadhia, 80 m, at

riverside, *Quercus* forest (1 ♂, 3 ♀ paratypes, leg. Schawaller, 12.iv.1994, SMNS T497); Makedonia, Nomos Kavala, Pangeon Mts, 5 km W Eleftherupoli, 400 m, macchia with *Quercus*, *Platanus* (1 ♀ paratype, leg. Schawaller, 29.iv.1994, SMNS T408).

### ***Tiroloscia* Verhoeff, 1926b**

Family: Philosciidae.

Type species: Not designated in original description of *Paraphiloscia* Verhoeff, 1908d.

Species originally included in *Paraphiloscia* Verhoeff, 1908d:

1. *Philoscia pyrenaica* Dollfus, 1897b: Pyrenean Mts, Bagnères-de-Bigorre (3 ♂, 3 ♀ with marsupium, 2 ♀, syntypes, leg. Simon, viii.1883, MNHN-Is5769); France, Ahusquy, near Mauléon, 1100 m (1 ♀ syntype, leg. Broelemann, BMNH 1911:11.8:10770).
2. *Philoscia squamuligera* Kölbel, 1894[?]
3. *Philoscia (Paraphiloscia) apenninorum* Verhoeff, 1908d: Italy, near Vallombrosa, in forest (leg. Verhoeff, ix.1899).

Species: 9.

Distribution: Italy, Spain.

Remarks: Replacement name for *Paraphiloscia* Verhoeff, 1908. A type species was neither designated by Verhoeff (1908d) nor by Verhoeff (1926b).

### ***Titana* Budde-Lund, 1909**

Family: Titanidae.

Type species: *Titana mirabilis* Budde-Lund, 1909(m).

Locality: Namibia: Namaland: Steinkopf, in nest of *Hodotermes viator* Latr. (♀ holotype, leg. Schultze, VII., ZMB 12712).

### ***Titanethes* Schjødte, 1849**

Family: Trichoniscidae.

Type species: *Pherusa alba* C. L. Koch, 1841b (m).

Locality: Cave "Adelsberger Grotte" in Krain [probably in Austria or Slovenia] (1 ♂ syntype, leg. K. Schmidt, BMNH 1925:7:22:139).

Synonym: *Pherusa* C. L. Koch, 1841 (preoccupied).

Species: 3 (after Tabacaru 1996).

Distribution: NE Italy, Slovenia, Croatia, Hercegovina.

*Titanosphaera* Verhoeff, 1933b

Synonym of *Paraschizidium* Verhoeff, 1919.

Type species: *Titanosphaera myrmicidarum* Verhoeff, 1933b (m) (synonym of *Armadillidium coeculum* Silvestri, 1897).

Locality: Italy: SE of San Marino, on slope with some shrubs, under a large piece of shale, between ants ("Atta" [seems to be an error]) and *Porcellionides myrmecophilus* (1 specimen, leg. Verhoeff, 22.ix.1931).

Remarks: Verhoeff (1933c) used the name *Titanosphaera* for a subgenus of *Troglarmadillidium*, with the type species *Troglarmadillidium (Titanosphaera) myrmicidarum* and the comment "this species will be described elsewhere". Although this name then would be a nomen nudum, the name is available with the publication year 1933, because the other paper, in which the species was described, also appeared in 1933. Manicasteri & Taiti (1994) reduced *Titanosphaera myrmicidarum* to a synonym of *Paraschizidium coeculum* (Silvestri, 1897), after re-examination of type specimens of both.

### ***Togarmadillo* Schmalfuss & Ferrara, 1983**

Family: Armadillidae.

Type species: *Periscyphis nigropunctatus* Hilgendorf, 1893 (o, m).

Locality: Togo, Bismarckburg (=Kasanga) (1 ♂, 6 ♀ and 6 dried specimens, leg. Dr. Büttner, vi.1891, ZMB 8698).

Species: 2.

Distribution: Cameroon, Togo.

*Togoscia* Schmalfuss & Ferrara, 1978

Unavailable name (ICZN Art. 13.3).

### ***Togoscia* Ferrara & Schmalfuss, 1985**

Family: Philosciidae.

Type species: *Philoscia buettneri* Hilgendorf, 1893 (designated by Ferrara & Schmalfuss 1985).

Locality: Togo, Kasanga (in the orig. description as "Bismarckburg") (♀ holotype, leg. R. Buettner, vii.1891, ZMB 8705).

Remarks: The genus was created for two species of Philosciidae, sp. I and sp. II, that were described but not named (Schmalfuss & Ferrara 1978). The name was validated by the designation of a type species by Ferrara & Schmalfuss (1985).

### ***Tongadillo* Dalens, 1988**

Family: Armadillidae.

Type species: *Tongadillo punctata* Dalens, 1988 (m).

Localities: Tonga: Numuka Iki Island (1 ♀, para-

type, leg. S. Golovatch, 17.vi.1980, ZMMU); Kao Island (2 ♀, 1 immature, paratypes, leg. S. Golovatch, 26.vi.1980, ZMMU); Eua Island (♂, holotype, leg. S. Golovatch, 08.vii. 1980, ZMMU).

**Tongoscia Dalens, 1988**

Family: Philosciidae.

Type species: *Tongoscia vandeli* Dalens, 1988 (m).

Locality: Tonga: Eua Island (11 ♂, 9 ♀, leg. S. Golovatch, 08.vii.1980, ZMMU).

**Toradjia Dollfus, 1898**

Family: Scleropactidae.

Type species: *Toradjia celebensis* Dollfus, 1898 (o).

Locality: Celebes, Sopotan, 1200 m (1 ♀ lectotype, leg. Sarasin, MNHN); same data (1 ♀ paralectotype, NHMB).

Species: 4.

Distribution: Indonesia, Malaysia.

Remarks: The lectotype could not be found in the collection of the MNHN Paris.

Literature: Ferrara, Meli & Taiti (1995) revised the species and provided an identification key.

**Trachelipus Budde-Lund, 1908b**

Family: Trachelipodidae.

Type species: *Porcellio ratkii* Brandt, 1833 (o, m).

Locality: "Germania" (♂ lectotype, 5 ♂, 16 ♀ 1 juv. ♂, 1 juv. ♀, paralectotypes, ZMB).

Synonyms: *Tracheoniscus* Verhoeff, 1917a.

Species: ca. 25.

Distribution: Central and SE Europe, Asia minor.

Literature: Schmidt (1997) revised the European species (15 species) and provided an identification key.

*Tracheoniscus* Verhoeff, 1917a

Synonym of *Trachelipus* Budde-Lund, 1908b.

Type species: *Porcellio rathkii* Brandt, 1833 (o).

Remarks: Verhoeff (1917a) used the name as "*Tracheoniscus* m.", but actually, this seems to be the first mention in literature. The designation of *Porcellio rathkii* as type species is found on p. 199. Arcangeli (1929) considered *Tracheoniscus* as a subgenus of *Porcellio*, but this was not followed by subsequent authors.

*Triadillo* Vandel, 1973b

Synonym of *Nesodillo* Verhoeff, 1926b.

Type species: *Triadillo monticola* Vandel, 1973b (o).

Localities: W New Guinea, Dejatada, on NW coast of Lake Paniai, 3°49'S, 136°15'E, 1742 m, leg. Expédition de la Société royale neerlandaise de Géographie, 1939; S coast of Bobairo peninsula, near Enarotali, on Lake Paniai, 3°55'S, 136°2'E, 1742 m, under dead plants of the lake shore, leg. ?, 10.i.1955.

Remarks: Taiti, Paoli & Ferrara (1998) reduced *Triadillo* to a synonym of *Nesodillo*.

**Triceratosphoera Caruso & Lombardo, 1978**

Family: Spelaeoniscidae.

Type species: *Triceratosphoera sabulicola* Caruso & Lombardo, 1978 (m).

Locality: Algeria, Eddis, Bou-Saada (18 ♂, 30 ♀, leg. Caruso, Motta & Petralia, 12.iv.1977).

**Trichodillidium Schmalzfuss, 1899c**

Family: Armadillidiidae.

Type species: *Trichodillidium malickyi* Schmalzfuss, 1899c (o).

Locality: Greece, Andhros Island, above Sarisa, 460 m (♀ holotype, 1 ♂ and 8 ♀ paratypes, leg. Malicky, 20.iv.1984, SMNS T235); same place (1 ♀ paratype, leg. Malicky, 12.iii. 1982, SMNS T237).

Species: 2.

Distribution: Greece: Andhros, Kerkira.

**Trichonethes Strouhal, 1953**

Family: Trichoniscidae.

Type species: *Trichonethes kosswigi* Strouhal, 1953 (o).

Locality: Turkey, SW Anatolia, Vilayet Denizli, Dodurgaköyü village, near Acipayam, in a cave (♂ holotype and 1 ♀ paratype, leg. Kosswig, xi.1945, NHMW); same data (3 ♀ paratypes).

Synonym: *Antennulonethes* Verhoeff & Strouhal, 1967.

Species: 2.

**Trichoniscoides G. O. Sars, 1898**

Family: Trichoniscidae.

Type species: *Trichoniscoides sarsi* Patience, 1908 (new name for material misidentified as "*Trichoniscoides albidus*, (B.-Lund)" by G. O. Sars, 1898 (designated by Gruner 1966).

Locality: Norway: "in the vicinity of Christiana [Oslo] ... on the lower side of stones deeply imbedded in the soft ground." (Sars 1898: 166).

Species: 40.

Distribution: France, Spain, England, Germany, Denmark.

Remarks: According to Patience (1908), the [Norwegian] specimens described by Sars (1898) under the name "*Trichoniscoides albidus*, (B.-Lund)" are not conspecific with Budde-Lund's specimens. Sars (1898) described only this species, but mentioned in the text that with certainty also *Trichoniscus leydigi* Weber is included. Patience (1908) found that G. O. Sars had erroneously identified his specimens as *Trichoniscoides albidus* (Budde-Lund, 1880) and gave the name *Trichoniscoides sarsi* to these specimens. Gruner (1996) mentioned *Trichoniscoides albidus* G. O. Sars (nec Budde-Lund), 1898 = *Trichoniscus sarsi* Patience, 1908 as type species. This is regarded as the designation of *Trichoniscoides sarsi* Patience, 1908 as the type species (ICZN Art. 69.1.1), because "*Trichoniscus albidus* G. O. Sars" is not an available name (ICZN Art. 70.3.2).

Literature: Vandel (1952a) revised the genus and gave a key to 26 species. Dalens (1972) reported 34 species and provided extensions of Vandel's key to include the 8 species described later. Cruz (1993) included 40 nominal species and provided a key to "Atlantic group" of the genus (17 species).

### ***Trichoniscus* Brandt, 1833**

Family: Trichoniscidae.

Type species: *Trichoniscus pusillus* Brandt, 1833 (m).

Locality: Germany.

Synonyms: *Philougria* Kinahan, 1857; *Spiloniscus* Racovitza, 1908; *Stylohylea* Verhoeff, 1930a.

Species: 185 nominal species.

Distribution: Europe, North America.

### ***Trichophiloscia* Arcangeli, 1950a**

Family: Philosciidae.

Type species: *Porcellionides murisieri* Arcangeli, 1925 (m).

Locality: Sardinia, near Sassari, Bosco di Rizzeddu, under limestones on moist grassland (4 ♀, leg. Arcangeli, 04.iii.1924).

Remarks: After having mistaken these speci-

mens as belonging to a new species of *Porcellionides* (Arcangeli 1925), Arcangeli (1950a) transferred them to *Trichophiloscia*. Although this name is by no means indicated as being new, it did not appear in any other paper before and is considered as a nominal genus with the data given above.

### ***Trichorhina* Budde-Lund, 1908b**

Family: Platyarthridae.

Type species: *Bathytropa thermophila* Dollfus, 1896a (o), synonym of *Alloniscus tomentosus* Budde-Lund, 1893.

Locality: Paris, greenhouses of the Museum (2 ♀ syntypes, BMNH 1911:11:8:10547-48).

Synonym: *Bathytropina* Verhoeff, 1908.

Species: ca. 50 nominal species.

Distribution: Central and South America, Africa, Loyalty Islands, Portugal.

Remarks: Dollfus published the description twice, without (1896b) and with (1896c) figures. Budde-Lund (1912) reduced *Bathytropa thermophila* to a synonym of *Alloniscus tomentosus* Budde-Lund, 1893.

*Trichorhinella* Verhoeff, 1937

Subgenus of *Trichorhina* Budde-Lund, 1908b.

Type species: *Platyarthrus simoni* Dollfus, 1893 (m).

Locality: Venezuela, Colonia Tovar (leg. E. Simon, i.1888, MNHN-Is5770).

*Tricorhina* = misspelling for *Trichorhina* (in Arcangeli 1935b).

### ***Tricyphoniscus* Verhoeff, 1936d**

Family: Trichoniscidae.

Type species: *Tricyphoniscus bureschi* Verhoeff, 1936d (m).

Locality: Bulgaria, Karlova (or Karlukowo?), "Haiduscka-Dupka" cave (numerous specimens, leg. Buresch, 14.xi.1926).

### ***Tridentodillo* Jackson, 1933b**

Family: Armadillidae.

Type species: *Tridentodillo squamosus* Jackson, 1933b (m).

Localities: Marquesas Islands: Nukihiva, Ooumu, altitude 1160-1220 m (1 ♀, leg. Mumford & Adamson, 13.xi.1929); altitude 1186 m (unknown number of specimens, leg. LeBronnec & Tauraa, 20(?) .vii.1931).

### ***Tritracheodillo* Ferrara & Taiti, 1982**

Family: Eubelidae.

Type species: *Tritracheodillo spatulatus* Ferrara & Taiti, 1982 (o, m).

Locality: Tanzania, Uluguru Mts., Kinola, transitional forest, 1500-1750 m (♂ holotype MRAC 55247, paratypes: 1 ♂, 1 ♀ MRAC 53422; 1 ♂, 1 ♀ MRAC 55248; 1 ♂, 1 ♀ MZUF 888, leg. Leleup & Debecker, 06-13.vi.1971).

***Tritracheoniscus* Taiti & Manicastro, 1985**

Family: Porcellionidae?

Type species: *Nagurus cerrutii* Vandel, 1958 (o, m).

Localities: Sardinia, “Aven sur les pentes du Monte Tuttavista, à Galtelli, au nord de Dorgali” (several specimens of both sexes, leg. Cerruti & Henrot, 19.iv.1958); same region, “Grottes s’ouvrant sur le Mont d’Ospile” (1 ♂, leg. Cerruti & Henrot, 20.iv.1958).

***Troglarmadillidium* Verhoeff, 1900**

Family: Armadillidiidae.

Type species: *Armadillidium stygium* Verhoeff, 1900 (designated by Verhoeff 1933c).

Locality: “Wolfshöhle” [Bosnia and Herzegovina] (1 ♀, leg. Verhoeff, iv.1897).

Species: ?

Distribution: Yugoslavia, Greece.

Remarks: Originally described as a subgenus of *Armadillidium*. Verhoeff (1933b) raised it to generic rank. Verhoeff (1933) enumerated the subgenera of *Troglarmadillidium* and indicated for which species he introduced which subgenus name. This is here regarded as equivalent with a designation of a type species.

*Troglarmadillo* Arcangeli, 1957

Nomen dubium.

Type species: *Armadillo (Spherillo?) cavernae* Wahrberg, 1922.

Locality: Australia, Queensland, Chillagoe, in a cave (1 ♀, leg. Mjöberg, 1910-1913).

Remarks: Taiti, Paoli & Ferrara (1998) considered *Troglarmadillo* as a name of doubtful validity. Since the type specimen in the NHRS is mutilated in the cephalon and pleon, its identity can not be proven.

*Trogleluma* Vandel, 1946

Subgenus of *Troglarmadillidium* Verhoeff, 1900.

Type species: *Troglarmadillidium (Trogleluma) machadoi* Vandel, 1946 (m).

Localities: Portugal, Algarao Menor do Paulino (no Sêro da Cabeça Gorda) (Loulé town, Faro district) (1 ♀, 08.iv.1942); Albismo Novo (em Moncarapacho) (Olhao town, Faro) (2 ♀, 2 ♂, 5 juv., 03.iv.1942).

***Trogleubelum* Arcangeli, 1950b**

Family: Eubelidae.

Type species: *Eubelum tenebrarum* Van Name, 1920 (m).

Locality: Congo, Thysville, “from the shelves of a cave” (about 60 specimens, leg. H. Lang, 02.vi.1915, AMNH 3242 and 3266).

***Troglocylisticus* Ferrara & Taiti, 1983**

Family: Cylisticidae.

Type species: *Troglocylisticus cyrnensis* Ferrara & Taiti, 1983 (o, m).

Locality: Corsica, grotta di Brando (♂ holotype, 2 ♀ paratypes, leg. Taiti & Campanelli, 13.x.1982, MZUF 1095).

***Troglocyphoniscus* Stouhal, 1939a**

Family: Trichoniscidae.

Type species: *Troglocyphoniscus absoloni* Strouhal, 1939a (m).

Locality: Yugoslavia, Mljet Island, Movrica Cave (“biospeologica balcanica, loc. no. 661”) (1 ♂, leg. Absolon, 25.vii.1917).

Species: 2.

Distribution: Yugoslavia.

***Troglodillo* Jackson, 1937**

Family: Armadillidae.

Type species: *Troglodillo emarginatus* Jackson, 1937 (m).

Locality: N Thailand, Pha-Thai “dans une grotte” (3 ♀, leg. Prince Leopold of Belgium, 24.ii.1932, MRHNB).

Species: 2.

Distribution: N Thailand; China, Guangxi.

***Troglonethes* Cruz, 1991a**

Family: “Trichoniscidae”.

Type species: *Troglonethes aurouxi* Cruz, 1991a.

Locality: Spain, “Cova de les Aranges, Barraix, Serra, Valencia, 30SYJ2398” (♂ holotype, 1 ♂ and 4 ♀ paratypes, leg. Auroux, ?.v.1980, in the collection of that author).

***Troglophiloscia* Brian, 1929**

Family: Philosciidae.

Type species: *Troglophiloscia silvestri* Brian, 1929(m).

Locality: Cuba, Bellamar Cave near Matanzas (6 ♂, 1 imm. ♀, leg. Silvestri, 17.x.1928).

Species: 3.

Distribution: Cuba, Mexico, Belize.

### ***Tropethelum* Verhoeff, 1942**

Family: Eubelidae.

Type species: *Tropethelum salamense* Verhoeff, 1942(m).

Locality: Daressalam (1 ♂, MNH 15358).

Remarks: The type specimen is a shrunken male.

### ***Tropicana* Manicasteri & Taiti, 1987**

Family: Philosciidae.

Type species: *Tropicana minuta* Manicasteri & Taiti, 1987 (o, m).

Localities: **Hawaii:** Oahu, Poamoho Ridge, along the trail, rain forest (1 ♂ holotype, leg. Taiti, 22.xii.1984; MZUF); paratypes: same data as holotype (many ♂ and ♀, MZUF; 2 ♂ and 2 ♀, BPBM); Oahu, along Manoa stream, near University of Hawaii (3 ♂, 9 ♀, leg. Taiti, 31.xii.1984, MZUF); Oahu, Manoa, near University of Hawaii (5 ♂ and 14 ♀, leg. Taiti, 21.xii.1984); Hawaii, Kalapana, SE coast (many ♂ and ♀, leg. Taiti 08.i.1985, MZUF; 2 ♂ and 3 ♀, MZUR); Kukuhihala, SE coast (6 ♂ and 10 ♀, leg. Taiti, 08.i.1985, MZUF); Hilo (6 ♂ and 7 ♀, leg. Taiti, 07.i.1985; MZUF). – **Sri Lanka:** Diyaluma (2 ♂ and 6 ♀, leg. Besuchet & Löbl, 25.i.1970, MHNG); Kuruwita (2 ♀, leg. Beron, 01.xii.1984; NMNHS); Sabaragamuwa prov., stream at 725 m, 8 km NNW of Balangoda, loc. 96 (1 ♀, leg. LUCE, 22.ii.1962, ZIUL); Sarabagamuwa prov., Deerwood, Kuruwita, 9.6 km NNW of Ratnapura, loc. 90:III (3 ♀, leg. LUCE, 18-21.ii.1962, ZIUL); Sabaragamuwa prov., Bopathella Falls, 14.5 km NNW Ratnapura, loc. 91:I (2 ♀, leg. LUCE, 19.ii.1962, ZIUL). – **Comoro Islands:** Anjouan, Boungeouéni, 300 m, mangrove litter (3 ♂, 13 ♀, leg. R. Jocqué, 05.xii.1983). – **Cameroon:** Kribi (1 ♀, leg. Ferrara & Schmalzfuss, 19.ii.1980, MZUF).

### ***Tropicocellio* Arcangeli, 1950b**

Family: Porcellionidae.

Type species: *Tropicocellio pallidus* Arcangeli, 1950b(m).

Locality: Congo: Eala (MRAC).

### ***Tropiscia* Vandel, 1973**

Family: Philosciidae.

Type species: *Tropiscia flagellata* Vandel, 1968 (m).

Locality: Ecuador (E. C. 18), Oriente, forêt tropicale à Puyo, 800 m alt., humus, iv.1965; Ecuador (E. C. 29), Baños, Doline de la grotte de Baños, humus, 2300 m alt., iv.1965 (IRSNB).

*Tuberdillo* Arcangeli, 1941

Unavailable name (ICZN Art. 13.3).

*Tuberdillo* Schmalzfuss & Ferrara, 1983

Synonym of *Ctenorillo* Verhoeff, 1942.

Type species: *Diploexochus (Tuberdillo) legai* Arcangeli, 1941 (designated by Schmalzfuss & Ferrara, 1983).

Locality: Ethiopia, "Rive del Cascheri" (2 ♂, 07.vii.1939).

Remarks: Schmalzfuss & Ferrara (1983) regarded *Ctenorillo* Verhoeff, 1942 as a junior synonym of *Tuberdillo* Arcangeli, 1941. They overlooked that *Tuberdillo* Arcangeli, 1941 is an unavailable name and the name *Tuberdillo* was validated when Schmalzfuss & Ferrara (1983) designated the type species. Thus, the synonymy must be the other way: Taiti, Paoli & Ferrara (1998) reduced *Tuberdillo* to a synonym of *Ctenorillo*.

### ***Tuberillo* Schultz, 1982**

Family: Armadillidae.

Type species: *Tuberillo sarawakensis* Schultz, 1982(o, m).

Locality: Borneo, Gunung Mulu National Park, Lubang Sungei Payau (♂ holotype and 1 ♀ allotype BMNH 1981:343:1).

Species: 3.

Distribution: Sumatra, Borneo.

### ***Tura* Budde-Lund, 1908b**

Family: Porcellionidae.

Type species: *Tura testacea* Budde-Lund, 1908 (o).

Locality: W Madagascar: Majunga (number of specimens, leg. Voeltzkow, viii.1894, 6 ♂ and 17 ♀ syntypes BMNH 1921:10:18:3996-4007); same data (8 syntypes, ZMB 11404); Aldabra Island (some specimens, leg. v.1895).

Species: 9.

Distribution: Aldabra, Somalia, Madagascar.



Remarks: Described as subgenus of *Porcellio* Latreille, 1804.

***Turanoniscus Borutzky, 1969a***

Family: Turanoniscidae.

Type species: *Turanoniscus anacanthotermitis* Borutzky, 1969a.

Locality: Uzbekistan, Tashkent district, 45 km W of Yangui-Yera, in nest of the termite *Anacanthotermes ahngherianus* (♀ holotype, 1 ♂ and 5 ♀ paratypes, leg. Davletshina, 20.ix.1958, ZMMU 826).

***Turkonethes Verhoeff, 1943***

Family: Trichoniscidae.

Type species: *Turkonethes (Turkonethes) albus* Verhoeff, 1943 (o).

Locality: Turkey, Asian shore of Marmara Sea, Yalova, Sogucak cave (several specimens, leg. Kosswig, 25.viii.1940).

Species: 2.

*Turkoniscus* Verhoeff, 1943

Subgenus of *Turkonethes* Verhoeff, 1943.

Type species: *Turkonethes (Turkoniscus) solifugus* Verhoeff, 1943 (m).

Locality: Turkey: Inkaya-Köyü Cave near Brussa (1 ♂, leg. Kosswig, ix.1940).

***Tylos Audouin & Savigny, 1826***

Family: Tylidae.

Type species: *Tylos latreillei* Audouin & Savigny, 1826 (m).

Locality: Egypt (not further specified).

Other species: 27.

Distribution: Worldwide.

Remarks: At present, *Tylos latreillei* is regarded as a nomen dubium and the two names *Tylos europaeus* Arcangeli, 1938 and *Tylos ponticus* Grebnitzky, 1874 are in use for two separate species. One of these names is a junior synonym of *Tylos latreillei*, but it remains unclear, which one. Type specimens of *T. ponticus* are in Moscow (1 ♂ holotype and 4 ♂ and ♀ paratypes, Krym, Sevastopol, leg. Grebnitzky, ZMMU 299).

***Typhlarmadillidium Verhoeff, 1900***

Family: Armadillidiidae.

Type species: *Armadillidium (Typhlarmadillidium) trebinjanum* Verhoeff, 1900 (designated by Verhoeff 1933c).

Locality: Hercegovina, near Trebinje (1 ♀, leg. Verhoeff).

Species: 3.

Remarks: Described as subgenus of *Armadillidium* Latreille, 1804, to include the two species *silvestri* and *trebinjanum* Verhoeff. Verhoeff (1933b) raised it to generic rank and Verhoeff (1933c) designated a type species (see remarks under *Troglarmadillidium*). Vandel (1944) referred to it as a subgenus of *Troglarmadillidium* Verhoeff, 1900, but Vandel (1962) accepted the generic rank.

*Typhlisticus* Verhoeff, 1949

Synonym of *Cylisticus* Schnitzler, 1853.

Type species: *Cylisticus cavernicola* Racovitza, 1907 (m).

Locality: France: Alpes maritimes (in a cave).

Remarks: Reduced to a synonym of *Cylisticus* by Strouhal (1971).

*Typhloligidium* Verhoeff, 1916

Subgenus of *Ligidium* Brandt, 1833 (after Schmalfluss 1979).

Type species: *Ligidium coecum* Carl, 1904 (m).

Locality: Krym, Kisil Cave.

Synonym: *Krimonethes* Absolon, 1933.

Remarks: Reduced to a subgenus of *Ligidium* by Jackson (1923).

*Typhloniscus* Schöbl, 1860b

Synonym of *Platyarthrus* Brandt, 1833.

Type species: *Typhloniscus steini* Schöbl, 1860b (m) (synonym of *Platyarthrus hoffmannseggii* Brandt, 1833).

Locality: Czech Republic, near Praha: Radlitz, in a garden wall, in nest of "*Formica flava*", Scharka (near Praha) (in nest of "*Formica nigra*"), Praha (in Nest of "*Formica flava*").

Remarks: Budde-Lund (1885) reduced *Typhloniscus steini* to a synonym of *Platyarthrus hoffmannseggii*.

*Typhloschizidium* Arcangeli, 1933

Synonym of *Alloschizidium* Verhoeff, 1919.

Type species: *Typhloschizidium sardoum* Arcangeli, 1933 (o, m).

Locality: Sardegna, Capo Caccia, N of Alghero (2 ♂, 3 ♀, leg. Doderò, 17.iv.1902, MG).

Remarks: Arcangeli (1925) had tentatively identified the specimens as *Armadillidium pruvoti*; Arcangeli (1933) regarded them as belonging to a new species. Vandel (1962) and Schmalfluss (1981) regarded *Typhloschizidium* as a synonym of *Paraschizidium*, but Taiti & Ferrara (1996) placed *Typhloschizidium* in the synonymy of *Alloschizidium*.

***Typhlotricholigioides Rioja, 1953***

Family: Trichoniscidae.

Type species: *Typhlotricholigioides aquaticus* Rioja, 1953 (m).

Locality: Mexico, Veracruz, Córdoba, Cueva de Ojo de Agua Grande (several specimens, leg. Villalobos, 2.xii.1951 and 4.v.1952, type in UAM, according to the original description).

### ***Uluguroscia* Taiti & Ferrara, 1980**

Family: Philosciidae.

Type species: *Uluguroscia montana* Taiti & Ferrara, 1980 (o, m).

Locality: Tanzania: Uluguru Mts.

Species: 4.

Distribution: South Africa, Tanzania, Madagascar, Comoro Is.

### ***Uramba* Budde-Lund, 1908b**

Family: Porcellionidae.

Type species: *Lyprobius mus* Budde-Lund, 1898 (m).

Locality: Zanzibar, near Kohotoni, under leaf litter (leg. Voeltzkow, 1 ♂ and 1 specimen in fragments, BMNH 1921:10:18:4079-4080, syntypes).

Species: 8.

Distribution: Ethiopia, Somalia, Tanzania.

*Uropodias* Richardson, 1902

Type species: *Uropodias bermudensis* Richardson, 1902.

Locality: Bermudas, Castle Island, Castle Harbor, under stones in dry places (few specimens, leg. Verrill, 1898 and 1901, Yale Peabody Museum).

Remarks: Nomen dubium, based on a manca; the description was based on a young *Armadillidium* or similar forms, according to Verhoeff (1907a).

*Vandelillo* Arcangeli, 1957b

Synonym of *Ctenorillo* Verhoeff, 1942d.

Type species: *Cubaris mineri* Van Name, 1936 (o).

Locality: Guyana, Kamakusa (♀ holotype, and 2 other specimens, leg. H. Lang, i.1923, AMNH 6515; 1 ♂ and one other specimen, leg. H. Lang, 25.x.1922).

Species: 2.

Distribution: Colombia, Venezuela, Guiana.

Remarks: Arcangeli (1956) considered *Cubaris mineri* Van Name, 1936, which Vandel (1952) transferred to *Venzillo*, as distinct from the other species of that genus and that it deserves a separate subgenus. He assigned another species, *Cubaris brevispinis* Pearse, 1915, to the same subgenus, but with much doubt, so *Cubaris mineri* is the type species. Schmalfuss & Ferrara (1983) regarded *Vandelillo* as a putative synonym of *Tuberdillo* Arcangeli, 1941. Taiti, Paoli & Ferrara (1998) reduced *Vandelillo* to a synonym of *Ctenorillo*.

### ***Vandeloniscellus* Tabacaru, 1993b**

Family: Trichoniscidae.

Type species: *Cyphoniscellus bulgaricus* Vandel, 1967 (o, m).

Locality: Bulgaria, Kalna Matnica cave ("Vr. 42") near Beli Izvor (Vraca) (1 ♂, 2 ♀, leg. Bechkov, 12.xii.1965).

### ***Vandelophiloscia* Schmalfuss & Ferrara, 1978**

Family: Philosciidae.

Type species: *Vandelophiloscia pfau* Schmalfuss & Ferrara, 1978 (m).

Locality: Ivory Coast, Satikran, near Abengourou, rain forest (♂ holotype, leg. Pfau, 14.iv.1971, MZUF 162).

*Vandeloscia* Roman, 1977

Synonym of *Littorophiloscia* Hatch, 1947.

Type species: *Vandeloscia orientalis* Roman, 1977 (m) (synonym of *Philoscia culebrae* Moore, 1901).

Remarks: Schultz (1983) incorrectly regarded *Halophiloscia* (*Stenophiloscia*) *riedli* Strouhal, 1966 as the type species by monotypy.

*Vardoniscus* Buturovic, 1955

Synonym of *Cyphoniscellus* Verhoeff, 1901 (after Vandel 1967).

Type species: *Vardoniscus tetraceratus* Buturovic, 1955.

Locality: Macedonia: near Rasce.

*Vavoscia* Schultz, 1985

Synonym of *Burmoniscus* Collinge, 1914.

Type-species: *Philoscia javanensis* Richardson Searle, 1922 (o, m).

Locality: Java, Semarang (♂ holotype, USNM 54477), Java, Djocja (paratype in "Leydon Museum" [most probably a mistake for Leiden Museum, Netherlands]).  
Remarks: Taiti, Ferrara & Kwon (1992) pointed out that Schultz based his description on specimens misidentified as *Philoscia javanensis* Richardson Searle, 1922. They redescribed this material as belonging to a new species, *Burmoniscus schultzi* Taiti, Ferrara & Kwon, 1992. These authors reduced *Vavoscia* to a synonym of *Burmoniscus*. They referred to the type-species as follows: "Type species: *Vavoscia javanensis* Schultz, 1985 (nec Richardson Searle, 1922) (= *Burmoniscus schultzi*, sp. nov.), by original designation and monotypy."

The situation seems to be more complicated: Schultz (1985) referred to the holotype of *Philoscia javanensis* Richardson Searle, 1922, but based his description on two specimens later identified to belong to a different species, *Burmoniscus schultzi*, while a paratype male ("Semarang", not "Djocja" as indicated by Schultz), belongs to *Anchiphiloscia pilosa* (Budde-Lund, 1913) (Taiti, Ferrara & Kwon 1992). It can be argued that Schultz established a new genus, designated a type species for this genus and referred to the holotype of this species. The fact that he based the description on non-type specimens later identified to belong to a different species does not require a "change" of the type species. Taiti, Ferrara & Kwon (1992), instead of *Philoscia javanensis* Richardson

Searle, 1922, considered that the species *Burmoniscus schultzi* actually was represented by the two specimens on which the description in Schultz (1985) was based. As far as we understand from the ICZN, such a change of the type species is possible without a decision by the Commission, according to the fourth edition, but this was not allowed by earlier editions of the ICZN. In consequence, the original designation of *Philoscia javanensis* Richardson Searle, 1922 is retained as valid in the present catalogue. However, this does not affect the status of *Vavoscia* as a synonym of *Burmoniscus*.

**Venezillo Verhoeff, 1928a**

Family: Armadillidae.

Type species: *Armadillo clausus* Budde-Lund, 1885 (m).

Locality: Venezuela, Caracas (2 ♂ and 1 ♀ syntypes, ZMB 6371).

Synonyms: *Microdillo* Verhoeff, 1933; *Atlandillo* Vandel, 1954.

Species: 98 nominal species.

Distribution: South Africa, Congo, Senegal, Jamaica, Cuba, Mexico, Texas, Florida, Brazil, Venezuela.

**Verhoeffiella Vandel, 1970**

Family: Philosciidae.

Type species: *Heroldia canalensis* Verhoeff, 1926a (m).

Localities: New Caledonia, Mt. Panié, 500 m, forest (several adult [incl. ♂] and juvenile specimens, leg. Sarasin & Roux, 27.vi.1911); Mt. Canala, 800 m (2 ♀, leg. Sarasin & Roux, 04.xi.1911).

*Vinneta* Budde-Lund, 1906

Subgenus of *Deto* Guérin, 1836.

Type species: Not designated.

Species originally included:

1. *Deto magnifica* Budde-Lund, 1906: Auckland (Mus. Dresden).
2. *Deto robusta* Budde-Lund, 1906: Auckland (Mus. Dresden).
3. *Deto aucklandiae* (Thomson, 1879): Auckland.
4. *Deto novaezelandiae* Filhol, 1885: Wellington.

Remarks: The type specimens of both species described by Budde-Lund were destroyed in World War II. For the other two species it is not known whether type specimens still exist.

**Wahrbergia Verhoeff, 1926a**

Family: Philosciidae.

Type species: *Wahrbergia sarasini* Verhoeff, 1926a (m).

Locality: New Caledonia, Ignambi Mt., forest,

750 m (leg. Sarasin & Roux, 08.vii.1911); Canala Mt., 700-1000 m, leg. Sarasin & Roux, 03-04.xi.1911).

**Xeroniscus Ferrara & Taiti, 1990**

Family: Eubelidae.

Type species: *Periscyphus brevicaudatus* Ferrara, 1973.

Locality: Somalia, Jesomma, 4°3'N, 46°28'E (♂ holotype, leg. SBS, 11-13.viii.1968, MZUF); Ghersale, 2°39'N, 45°23'E (1 ♀, allotype, leg. SBS, 01.viii.1968, MZUF).

Species: 6.

Distribution: Yemen, Somalia.

*Xeroprocellio* Strouhal, 1942

Nomen nudum.

**Xeroporcellio Strouhal, 1954**

Family: Scleropactidae.

Type species: *Xeroporcellio pandazisi* Strouhal, 1954 (m).

Locality: Greece, Xerovuni, Kefallinia Island.

Synonym: *Kefalloniscus* Schmalfuss, 1986b.

Remarks: Strouhal (1942) used the name "*Xeroporcellio pandazisi* gen. n., sp. n" without a description. This name became available when Strouhal (1954) published the description.

**Xestodillo Verhoeff, 1926a**

Family: Armadillidae.

Types-species: *Cubaris zebricolor* Stebbing, 1900 (designated by Taiti, Paoli & Ferrara, 1998).

Locality: Loyalty Islands, Lifou Island (holotype: 1 fragmented specimen, BMNH 1906:4:19:93).

Species: 3.

Distribution: New Caledonia, Loyalty Islands.

*Xilitloniscus* Bowman, 1965

Synonym of *Mexiconiscus* Schultz, 1964.

Type species: *Cordioniscus laevis* Rioja, 1955 (o).

Locality: Mexico, San Luis Potosi, Municipio de Xilitla, Ahuacatlán, cueva de la Hoya, on the wall of the cave (1 ♀ holotype, leg. F. Bonet).

Remarks: *Xilitloniscus* was reduced to a synonym of *Mexiconiscus* by Schultz (1968a).

**Xiphoniscus Vandel, 1968**

Family: Philosciidae.

Type species: *Xiphoniscus mirabilis* Vandel, 1968(m).

Locality: Ecuador (E. C. 16), Oriente, Puyo, tropical forest, 800 m alt., in humus, leg. N. Leleup, iv.1965 (1 ♂ lectotype, 1 ♀ paratype, MNHN-CV); Ecuador (E. C. 26), Baños, doline of the cave of Baños, 2300 m alt., in humus, leg. N. Leleup, iv.1965 (types probably in IRSNB).

Remarks: The type species was redescribed by Leistikow (2000c), who designated a lectotype.

### ***Yaerikima* Leistikow, 2001i**

Classification: Crinocheta.

Type species: *Philoscia kartaboana* Van Name, 1936.

Locality: Guyana, Kamakusa (2 ♂ and 5 ♀ paratypes, leg. H. Lang, 25.x.1922, AMNH 6557).

### ***Zebrascia* Verhoeff, 1942a**

Family: Philosciidae.

Type species: *Zebrascia longicornis* Verhoeff, 1942a(m).

Locality: Equatorial Guinea, Fernando Poo Is. [now Bioko Is.] (1 ♀, leg. Eidmann?).

Distribution: Ivory Coast, Fernando Poo Island, Cameroon.

Species: 2.

*Zia* Koch, 1841b

Synonym of *Ligidium* Brandt, 1833.

Type species: *Ligia melanocephala* C. L. Koch, 1838 (o).

Locality: Germany.

Remarks: Koch (1841) first mentioned *Ligia melanocephala* in connection with the new genus name *Zia*. After the description of some other species, in the same paper he described two new species, *Zia paludicola* C. L. Koch, 1841b and *Zia agilis* C. L. Koch, 1841b. The first mention could be regarded as the designation of a type species. BuddeLund (1885) listed the type species as *Ligia melanocephala* among some species probably belonging to the genus *Ligidium*.

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Papers marked with \* were not seen. We were unable to find any copy of these publications. For some of them the citation may be erroneous or incomplete.

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