

Further information on the oribatid fauna (Acarina, Oribatei) of the northern palearctic region: Ukraina and Czechoslovakia

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A list of the oribatids of Ukraina and Czechoslovakia, with find localities, has been compiled from published reports and new collecting data. Altogether 453 species or subspecies are now known from Ukraina and 186 from Czechoslovakia.

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1. Introduction

The abundance of oribatid mites in the soil, together with the good preservation properties and frequent species-specific characters of their armours, makes oribatids an important tool for biostratigraphical research.

To use oribatid data effectively in paleoecology, paleogeography and biostratigraphy, it is necessary to know the ecology and present distribution of the species. Previous to our joint investigations, no such data had been compiled, which limited the use of oribatids in paleogeography and in the interpretation of biostratigraphical data.

In 1973 E. Karppinen and D. A. Krivolutsky initiated faunistic investigations in the eastern part of the northern palearctic and published

faunistic-ecological lists (see below) as well as a review of the published data concerning western Europe (Karppinen et al. 1979). The species list for eastern and northern Europe (Karppinen & Krivolutsky 1982) comprises 526 species, of which about 100 have not been reported earlier from the region. In Siberia, 555 species have been found (Golosova et al. 1983). In addition, we have found an earlier, unknown pre-glacial fauna of oribatid mites (Krivolutsky et al. 1984), but a large part of this material is still unpublished.

The arid zones of the palearctic (Karppinen et al. 1986), and of the Crimea and the Caucasus have also been studied (Karppinen et al. 1987). It was necessary to include the last-mentioned regions (which are situated outside the borders of the northern palearctic, the southern border of which we define as the southern border of ever-

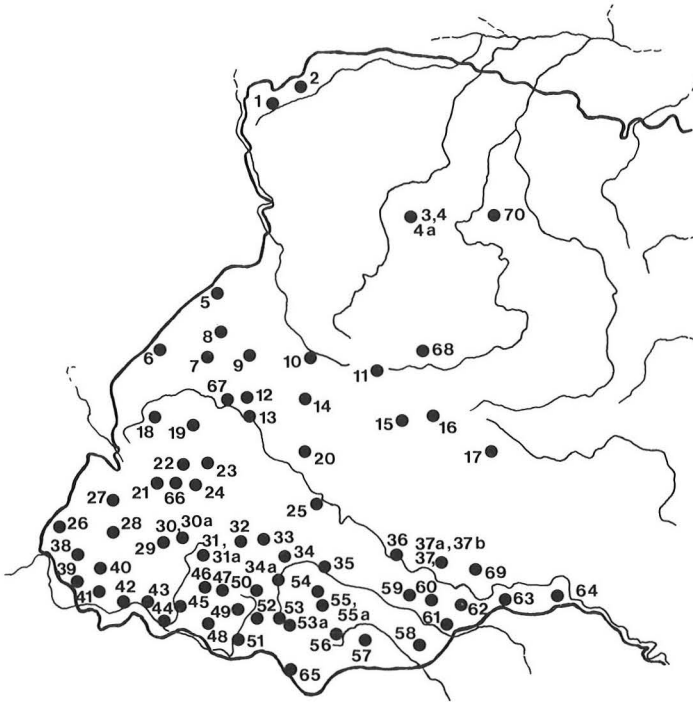


Fig. 1. Collection localities in Ukraine (for key to numbers, see list of localities).

green forests in Europe and Siberia), because no earlier data were available for this area, and many oribatid species abundant in the Crimea and the Caucasus are distributed in fields, sandy soils and meadows on south-facing valley slopes as far north as Moscow and southern Sweden. Without knowledge of the fauna of the Crimea and the Caucasus it is impossible to understand the patterns of geographical distribution in the other areas.

This last list, comprising 496 species or subspecies, 453 from Ukraine and 186 from Czechoslovakia, completes the previously published lists of oribatid mites of the northern palearctic region (Karppinen & Krivolutsky 1982, Golosova et al. 1983, Karppinen et al. 1986 and Karppinen et al. 1987).

In addition, while compiling the faunistic lists, the authors (E. Karppinen, D. A. Krivolutsky, L. D. Golosova, E. V. Gordeeva, Z. Tarba, M. P. Poltavskaja, U. Shtanchaeva) found and described more than 60 new species of oribatid mites.

The systematic arrangement follows Balogh (1972).

2. List of localities

In the list of species, and in the maps (Figs. 1 and 2), the localities are indicated with their numbers.

Ukraine

- 1 Shatsk: Kazakov 1981, Melamud (unpubl.).
- 2 Tur: Kazakov 1981, Melamud (unpubl.).
- 3 Volynskaya obl.: Grishina & Sergienko 1978, Sitnikova 1975, Yaroshenko 1978, Shaldybina 1981, Sergienko 1984.
- 4 Volynskaya obl.: Yaroshenko (unpubl.).
- 4a Kivertskii r-n: Yaroshenko (unpubl.).
- 5 Rava-Russkaya: Dyradowska 1931.
- 6 Mostiskii r-n: Kulczynski 1902.
- 7 Gorodotskii r-n: Zgerskaya 1980, Zgerskaya & Senyk 1975.
- 8 Yavorovskii r-n: Zgerskaya & Senyk 1975, Melamud (unpubl.).
- 9 Lvov (+ Nesterov): Zgerskaya & Senyk 1975, Dyradowska 1931, Melamud (unpubl.), Sergienko 1987.

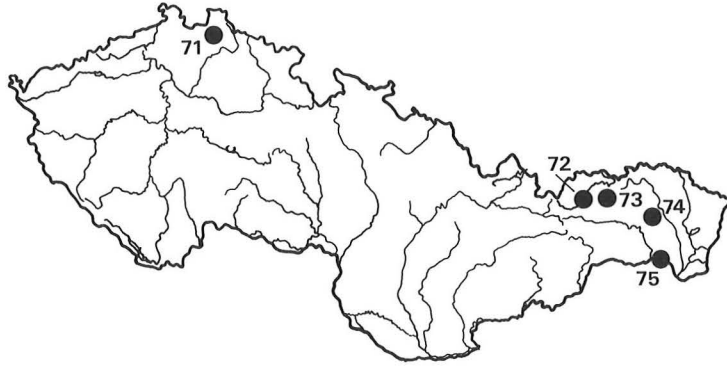


Fig. 2. Collection localities in Czechoslovakia (for key to numbers, see list of localities).

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|--|--|
| 10 Lopatin (+ Chevone): Melamud (unpubl.). | 33 Bogorodchanskii r-n: Melamud (unpubl.). |
| 11 Pochaev: Melamud (unpubl.). | 34 Hadvornyanskii r-n: Melamud (unpubl.), Yaroshenko (unpubl.). |
| 12 Kologory: Melamud (unpubl.). | 34a Hadvornyanskii r-n: Melamud (unpubl.), Yaroshenko (unpubl.). |
| 13 Hodorov: Melamud (unpubl.), Yavornitskii et al. 1984. | 35 Kolomyia: Yaroshenko (unpubl.). |
| 14 Chemerintsy: Melamud (unpubl.). | 36 Zalishchiki: Sergienko 1985, 1987a |
| 15 r. Seret: Dyrdowska 1931. | 37 Komendyany: Melamud (unpubl.). |
| 16 Gribov: Dyrdowska 1931. | 37a Germakovka: Melamud (unpubl.). |
| 17 Khmel'nitskaya obl.: Sevastanov 1970. | 37b Chemerovtsy: Grishina & Sergienko 1978 |
| 18 Malinov: Melamud (unpubl.). | 38 Mukachevo: Bulanova-Zakhvatkina 1967, Kurcheva 1973, Melamud (unpubl.), Sergienko 1987. |
| 19 Truskavets: Zgerskaya & Senyk 1975, Melamud (unpubl.) | 39 Beregovo: Melamud (unpubl.). |
| 20 Burshtyn: Melamud (unpubl.). | 40 Zakarpatskaya obl : Bulanova-Zakhvatkina 1965, 1967, 1975, Krivolutsky 1975, Polonchik & Fasulati 1964, Sergienko 1984, 1987a, Sitnikova 1975, Shaldybina 1981. |
| 21 Klimets: Melamud (unpubl.). | 41 Shalanki: Melamud (unpubl.). |
| 22 Dubina: Melamud (unpubl.). | 42 Vinogradovo: Melamud (unpubl.). |
| 23 Rozgirche: Melamud (unpubl.). | 43 Hust: Melamud (unpubl.). |
| 24 Morshin: Melamud (unpubl.), Sergienko 1985, 1987a, 1987b. | 44 Novoborovo: Melamud (unpubl.). |
| 25 Ivano-Frankovsk: Melamud (unpubl.), Yaroshenko (unpubl.). | 45 Uglya: Melamud 1986 (unpubl.). |
| 26 Uzhgorod: Kazakov 1986, Melamud (unpubl.). | 46 Sirokii lug: Melamud (unpubl.). |
| 27 Lumshory: Kazakov (unpubl.), Melamud (unpubl.). | 47 Ust-Chernaya: Kurcheva 1970 (unpubl.), Melamud (unpubl.). |
| 28 Chinadiovo: Kurcheva 1970, (unpubl.). | 48 Neresnitsa: Melamud (unpubl.). |
| 29 Soimy (g. Kuk): Kazakov (unpubl.), Melamud (unpubl.). | 49 Chernaya Tisa (g. Stig): Kazakov 1985, Melamud (unpubl.). |
| 30 Toryn: Melamud (unpubl.), Sergienko 1987. | 50 Bystritsa: Melamud (unpubl.). |
| 30a Sinivir: Kazakov (unpubl.), Melamud (unpubl.). | 51 Kostilovka: Melamud (unpubl.). |
| 31 pol. Dervaika: Kazakov (unpubl.), Melamud (unpubl.). | 52 Rahovskii r-n: Yaroshenko (unpubl.). |
| 31a Kolocheva: Kazakov (unpubl.), Melamud 1986, (unpubl.) | 53 Vorohtha: Kazakov 1981, 1985, (unpubl.), Melamud (unpubl.), Rudishin & Sergienko (unpubl.), Sergienko (unpubl.), Yaroshenko (unpubl.). |
| 32 Osmoloda: Kazakov (unpubl.), Melamud (unpubl.). | |

- 53a g. Pop-Ivan: Melamud (unpubl.).
 54 Kosov: Kazakov (unpubl.), Melamud (unpubl.).
 55 Yavorov: Yaroshenko (unpubl.).
 55a Kuty: Yaroshenko (unpubl.).
 56 Putilskii r-n: Yaroshenko (unpubl.).
 57 Starozhenetskii r-n: Yaroshenko (unpubl.).
 58 Glybokskii r-n: Yaroshenko (unpubl.).
 59 Kitsmanskii r-n: Yaroshenko (unpubl.).
 60 Zastavnetskii r-n: Yaroshenko (unpubl.).
 61 Novoselitskii r-n: Yaroshenko (unpubl.).
 62 Hotinskii r-n: Yaroshenko (unpubl.).
 63 Kelmenetskii r-n: Yaroshenko (unpubl.).
 64 Sokiryanskii r-n: Yaroshenko (unpubl.).
 65 Burkut (g. Chivchin): Kazakov 1985, (unpubl.), Melamud (unpubl.).
 66 Grebenov: Kazakov (unpubl.), Melamud (unpubl.), Sergienko 1987.
 67 Nikolaev: Melamud (unpubl.).
 68 Zalestsy: Melamud (unpubl.).
 69 Kamenets-Podolsk: Melamud (unpubl.).
 70 Rovanskaya obl.: Sergienko 1984.

Czechoslovakia

- 71 Hamr na Jezere (N. Bohemia): Miko (unpubl.).
 72 Levoceké vrchy, Tichy Potok: Miko (unpubl.).
 73 Čergovské pohoris – Majdan: Miko (unpubl.).
 74 Slanské vrchy, Kokošovce–Sigord: Miko (unpubl.).
 75 Mala Izra: Miko (unpubl.).

3. List of species

PALAEACARIDAE Grandjean, 1932

Palaeacarus Trägårdh, 1932

- *P. hystricinus* Trägårdh, 1932: 47

APHELACARIDAE Grandjean, 1954

Aphelacarus Grandjean, 1932

- *A. acarinus* (Berlese, 1910): 74

MESOPLOPHORIDAE Ewing, 1917

Mesoplophorus Berlese, 1904

- *M. pulchra* Sellnick, 1928: 4

PHTHIRACARIDAE Perty, 1841

Archiphthiracarus Balogh & Mahunka, 1979

- *A. anonymus* (Grandjean, 1933): 4, 23, 40, 43
 – *A. lanatus* (Feider & Suciú, 1957): 4, 53
 – *A. ligneus* (Willmann, 1931): 22, 24, 34, 34a, 38, 43
 – *A. pilosus* Sergienko, 1987: 24, 30, 38, 66
 – *A. variabilis* Balogh & Mahunka, 1979: 71

Hoplophthiracarus Jacot, 1933

- *H. minus* (Krivolutsky, 1965): 4
 – *H. pavidus* (Berlese, 1913): 2, 10, 21, 28, 47, 53, 57

Phthiracarus Perty, 1841

- *P. borealis* (Trägårdh, 1910): 5, 9, 11, 15, 16, 68
 – *P. conformis* Sergienko, 1987: 9, 24
 – *P. crenophilus* Willmann, 1951: 74
 – *P. elemans* Aoki, 1982: 4, 58
 – *P. ferrugineus* (C.L.Koch, 1841): 9, 19, 21, 23, 24, 27, 29, 31a, 39, 41, 45–48, 71
 – *P. flexisetosus* Parry, 1979: 74
 – *P. globosus* (C.L.Koch, 1841): 8, 34, 34a, 40, 56, 61, 67
 – *P. italicus* (Oudemans, 1906): 5, 9, 11, 15, 16, 24, 27, 58, 66, 68
 – *P. laevigatus* (C.L.Koch, 1841): 22–24, 27, 30, 40, 41, 46, 48, 64
 – *P. lentulus* (C.L.Koch, 1841): 7, 8, 12, 14, 23–25, 39, 40, 47, 56, 58, 68, 74
 – *P. longulus* (C.L.Koch, 1841): 1, 2, 8–10, 12–14, 18–24, 26, 27, 29, 31a, 37, 37a, 38, 39, 41, 43–47, 54, 66, 67
 – *P. nitens* (Nicolet, 1855): 2, 8–14, 18, 21–24, 27, 30a, 31, 31a, 32, 33, 37, 37a, 42, 43, 47–50, 53, 53a, 54, 65, 66
 – *P. piger* (Scopoli, 1763): 3, 4, 53
 – *P. spadix* Niedbala, 1983: 1, 2, 8, 9, 12, 13, 19, 21, 23–27, 29, 30a, 31, 31a, 32, 34a, 39, 41, 43, 45–51, 53, 53a, 54, 65, 66

Steganacarus Ewing, 1917

- *S. applicatus* (Sellnick, 1920): 21, 23, 66, 71
 – *S. carinatus* (C.L.Koch, 1841): 1–5, 7–13, 15, 18–24, 26–29, 30a, 33, 34, 34a, 38, 39, 41–45, 47, 48, 53, 56–58, 66, 67, 74, 75
 – *S. magnus* (Nicolet, 1855): 3, 4, 34, 34a, 73
 – *S. ochraecus* Niedbala, 1893: 36
 – *S. pulcherrimus* (Berlese, 1887): 4, 8, 15, 16, 19, 24, 28, 39, 42, 53, 56–64
 – *S. punctulatus* Sergienko, 1985: 8, 9, 13, 19,

- 21, 23, 24, 26, 27, 30a, 32, 36, 37a, 41, 46, 49, 50, 53, 53a, 54, 66
- *S. serratus* Feider & Suciú, 1957: 24, 36
 - *S. spinosus* Sellnick, 1920: 71
 - *S. striculus* (C. L. Koch, 1836): 1, 2, 4, 8, 9, 12–14, 18, 21–27, 29, 30, 30a, 31, 31a, 32, 34, 34a, 37, 37a, 38, 39, 41, 43, 44, 46–49, 53, 53a, 54, 56–58, 60–66, 68, 71, 73, 75
- ORIBOTRITIIDAE Grandjean, 1954
- Mesotritia* Forsslund, 1963
- *M. grandjeani* Feider & Suciú, 1957: 30a, 40, 47, 50, 53
- Oribotritia* Jacot, 1924
- *O. decumana* (C. L. Koch, 1836): 28, 47
- EUPHTHRACARIDAE Jacot, 1930
- Euphthracarus* Ewing, 1917
- *E. cribarius* (Berlese, 1904): 3, 4, 6, 34, 36, 38, 47, 64, 71
 - *E. monodactylus* (Willmann, 1919): 8, 9, 13, 18, 21, 23–25, 27, 29, 30, 30a, 31–33, 36, 43–51, 53, 54, 62, 63, 66
 - *E. reticulatus* (Berlese, 1913): 21, 23, 27, 44, 46, 47, 53, 66
- Microtritia* Märkel, 1964
- *M. minima* (Berlese, 1904): 8, 23, 33, 47, 71
- Rhysotritia* Märkel & Meyer, 1959
- *R. ardua* (C. L. Koch, 1841): 4, 5, 9, 12, 15, 23–25, 34, 34a, 35, 39, 45, 48, 52, 53, 55, 55a, 56, 57, 67, 71
 - *R. duplicata* (Grandjean, 1953): 3, 4, 8, 34, 34a, 35, 52, 55, 55a, 71, 75
 - *R. loricata* (Rathke, 1799): 38
- HYPOCHTHONIIDAE Berlese, 1910
- Hypochthonius* C. L. Koch, 1836
- *H. luteus* Oudemans, 1917: 7–9, 18, 19, 23, 26, 31a, 38, 43–45, 47, 48, 63, 64, 66, 70, 75
 - *H. rufulus* C. L. Koch, 1836: 1, 3, 8, 9, 13, 14, 18, 22, 24, 26, 31a, 32, 34a, 38, 39, 42, 44, 46, 60, 63, 68, 69, 71, 75
 - *H. rufulus* ssp. *europaeus* Krivolutsky, 1965: 4, 8, 63
- ENIOCHTHONIIDAE Grandjean, 1947
- Hypochthoniella* Berlese, 1910
- *H. minutissima* (Berlese, 1904): 4, 8, 13, 23, 26, 27, 29, 43, 44, 48, 51, 64, 71
- COSMOCHTHONIIDAE Grandjean, 1947
- Cosmochthonius* Berlese, 1910
- *C. lanatus* (Michael, 1885): 74
 - *C. ponticus* Gordeeva, 1980: 24
- BRACHYCHTHONIIDA Balogh, 1943
- Brachychochthonius* Jacot, 1938
- *B. cricoides* Weis–Fogh, 1948: 8, 70
 - *B. jugatus* Jacot, 1938: 38
 - *B. rostratus* (Jacot, 1936): 47, 70
 - *B. suecicus* Forsslund, 1942: 8, 70, 71
- Brachychthonius* Berlese 1910
- *B. berlesei* Willman, 1928: 3, 40, 70, 71
 - *B. immaculatus* Forsslund, 1942: 8, 70, 71
 - *B. impressus* Morizt, 1976: 71
 - *B. jacoti* Evans, 1952: 28
- Eobrachychthonius* Jacot, 1936
- *E. latior* (Berlese, 1910): 47
 - *E. mooseri* (van der Hammen, 1950): 40
- Liochthonius* van der Hammen, 1959
- *L. alpestris* (Forsslund, 1958): 23, 32, 70
 - *L. evansi* (Forsslund, 1958): 8
 - *L. furcillatus* (Willman, 1942): 75
 - *L. horridus* (Sellnick, 1928): 8, 47, 53, 70
 - *L. hystricinus* (Forsslund, 1942): 71
 - *L. lapponicus* (Trägårdh, 1910): 3, 40, 70
 - *L. muscorum* Forsslund, 1964: 13, 23, 34a
 - *L. perpusillus* (Berlese, 1910): 3, 4, 8, 13, 17, 18, 23, 28, 32, 47, 70
 - *L. propinquus* Niedbala, 1972: 8, 70
 - *L. sellnicki* (Thor, 1930): 3, 47, 70
- Neobrachychthonius* Moritz, 1976
- *N. magnus* Moritz, 1976: 71
- Poecilochthonius* Balogh, 1943
- *P. italicus* (Berlese, 1910): 13
 - *P. spiciger* (Berlese, 1910): 74
- Sellnickochthonius* Krivolutsky, 1964
- *S. zelawaiensis* (Sellnick, 1928): 3, 8, 28, 30a, 40, 70
- Synchthonius* van der Hammen, 1952
- *S. crenulatus* (Jacot, 1938): 32
 - *S. elegans* Forsslund, 1957: 70
- LOHMANNIIDAE Berlese, 1916
- Tammacarus* Grandjean, 1950
- *T. deserticola* (Grandjean, 1934): 34

EULOHMANNIIDAE Grandjean, 1931

Eulohmannia Berlese, 1910

- *E. rigabai* Berlese, 1910: 13, 21, 27, 29, 31a, 34a, 47, 66, 74

PERLOHMANNIIDAE Grandjean, 1954

Perlohmannia Berlese, 1916

- *P. dissimilis* (Hewitt, 1908): 24, 29, 31a, 34, 47, 48

EPILOHMANNIIDAE Oudemans, 1923

Epilohmannia Berlese, 1910

- *E. cylindrica* (Berlese, 1904): 24

COLLOHMANNIIDAE Grandjean, 1958

Collohmannia Sellnick, 1922

- *C. gigantea* Sellnick, 1922: 21, 23, 41, 44, 48

NOTHRIDAE Berlese, 1896

Nothrus C.L. Koch, 1836

- *N. anauniensis* Canestrini & Fanzago, 1877: 1, 3, 8, 9, 13, 18, 23, 24, 26, 27, 31a, 33, 39, 42–46, 48, 54, 66, 70, 74
- *N. biciliatus* C.L. Koch, 1841: 3–5, 8, 9, 16, 24, 34a, 47, 53, 60–62, 67, 69
- *N. borussicus* Sellnick, 1929: 8, 27, 29, 31a, 34a, 47, 49, 51, 53, 53a, 56, 65, 70
- *N. palustris* C.L. Koch, 1839: 3, 8, 9, 13, 15, 16, 18, 21, 23–25, 29, 34a, 38, 40, 46, 47, 56, 66, 70, 71, 74
- *N. parvus* Sitnikova, 1975: 21, 31, 50
- *N. pratensis* Sellnick, 1929: 5, 9, 15, 16, 53
- *N. silvestris* Nicolet, 1855: 1–4, 8, 9, 18, 28, 38–40, 47, 53, 56–64, 70, 71

CAMISIIDAE Oudemans, 1900

Camisia van Heyden, 1826

- *C. biurus* (C.L. Koch, 1839): 3, 4, 65, 71
- *C. biverrucata* (C.L. Koch, 1839): 3, 23, 27, 31, 31a, 32, 53, 65
- *C. horrida* (Hermann, 1804): 4, 15, 16, 34, 71
- *C. lapponica* Trägårdh, 1910: 31, 32, 53, 65
- *C. segnis* (Hermann, 1804): 3, 5, 9, 15, 16, 38, 70

- *C. spinifer* (C.L. Koch, 1836): 3–5, 9, 15–17, 26, 31, 31a, 42, 43, 46, 53, 64, 65, 70, 71

Heminothrus Berlese, 1913

- *H. longisetosus* Willmann, 1925: 71
- *H. paolianus* Berlese, 1913: 17
- *H. targionii* (Berlese, 1885): 8, 61, 67, 70
- *H. thori* (Berlese, 1904): 8, 22, 53

Neonothrus Forsslund, 1955

- *N. humicola* Forsslund, 1955: 31, 38, 47, 53

Platynothrus Berlese, 1913

- *P. grandjeani* Sitnikova, 1975: 8, 9, 13, 21, 22, 26, 29 30a, 31a, 33, 39, 42–44, 48, 53, 67
- *P. peltifer* (C.L. Koch, 1839): 2–4, 7–9, 13, 17–19, 21–24, 28, 29, 30a, 31a, 32, 34a, 38–40, 46, 47, 49, 51, 53, 55, 59–62, 65–67, 70, 71, 74

TRHYPOCHTHONIIDAE Willmann, 1931

Trhypochthonius Berlese, 1904

- *T. cladonicola* (Willmann, 1919): 3
- *T. tectorum* (Berlese, 1896): 1–4, 9, 25, 35, 43, 51, 72

Trhypochthoniellus Willmann, 1928

- *T. setosus* Willmann, 1928: 34

MALACONOTHRIDAE Berlese, 1916

Malacothrus Berlese, 1904

- *M. gracilis* van der Hammen, 1952: 3, 7, 8, 13, 18, 22, 24, 27, 31, 32, 46, 48, 50, 53, 71, 75
- *M. punctulatus* van der Hammen, 1952: 3
- *M. pygmaeus* Aoki, 1969: 13, 59

Trimalaconothrus Berlese, 1916

- *T. glaber* (Michael, 1888): 8, 13, 53, 71, 75
- *T. novus* (Sellnick, 1921): 3, 8
- *T. tardus* (Michael, 1888): 5, 9, 13

NANHERMANNIIDAE Sellnick, 1928

Nanhermannia Berlese, 1913

- *N. comitalis* Berlese, 1916: 7, 8
- *N. coronata* Berlese, 1913: 2, 8, 13, 18, 29, 31, 31a, 32, 49, 53, 71, 75
- *N. elegantula* Berlese, 1913: 7, 8, 19, 28, 31, 38
- *N. komareki* Kunst, 1956: 40, 47
- *N. nana* (Nicolet, 1855): 3, 4, 7–9, 13, 15, 16, 19, 21–27, 29, 34, 34a, 35, 38, 39, 43–45, 47, 48, 53, 55, 55a, 56–58, 66, 67, 71, 74, 75

HERMANNIIDAE Sellnick, 1928

Hermannia Nicolet, 1855

- *H. convexa* (C.L. Koch, 1840): 5, 9, 15, 16, 40, 71
- *H. gibba* (C.L. Koch, 1840): 2, 13, 21, 23, 24, 27, 29, 30a, 31, 31a, 32–34, 34a, 40, 45–47, 49, 50, 53, 65, 66, 71, 74
- *H. scabra* C.L. Koch, 1879: 71

HERMANNIELLIDAE Grandjean, 1934

Hermanniella Berlese, 1908

- *H. dolosa* Grandjean, 1931: 4, 8, 9, 13, 28, 29, 38, 39, 41–43, 47, 48, 59–62, 74
- *H. granulata* (Nicolet, 1855): 3, 7–9, 28, 38

LIODIDAE Grandjean, 1954

Liodes von Heyden, 1826

- *L. theleproctus* (Hermann, 1804): 1, 3, 4, 15–17, 60, 62

Platylodes Berlese, 1917

- *P. longisetosus* Sitnikova, 1975: 57
- *P. scaliger* (C.L. Koch, 1840): 3, 4, 8, 13, 15–17, 55, 55a, 74

Poroliodes Grandjean, 1934

- *P. farinosus* (C.L. Koch, 1840): 14, 38, 46, 47, 49, 53

GYMNODAMAEIDAE Grandjean, 1954

Allodamaeus Banks, 1947

- *A. femoratus* (C.L. Koch, 1840): 3, 4
- *A. starki* Bulanova–Zakhvatkina, 1967: 4, 15

Gymnodamaeus Kulczynski, 1902

- *G. bicostatus* (C.L. Koch, 1836): 3, 4, 6, 13, 45, 46, 56, 74

PLATEREMAEIDAE Trägårdh, 1931

Pedrocortesia Hammer, 1958

- *P. inaequalis* Balogh & Mahunka, 1965: 8

LICNODAMAEIDAE Grandjean, 1954

Licnodamaeus Grandjean, 1931

- *L. undulatus* (Paoli, 1908): 34a

DAMAEIDAE Berlese, 1896

Damaeus C.L. Koch, 1836

- *D. gracilipes* (Kulczynski, 1902): 6, 74
- *D. onustus* C.L. Koch, 1841: 41, 66, 67

Hypodamaeus Bulanova–Zakhvatkina, 1957

- *H. auritus* (C.L. Koch, 1840): 8, 9, 21, 23, 26, 31a, 44–47, 66, 74
- *H. crispatus* (Kulczynski, 1902): 6, 74
- *H. interlamellaris* Willmann, 1931: 17
- *H. riparius* (Nicolet, 1855): 3, 4, 8, 9, 13, 18, 19, 23, 25, 34, 34a, 35, 38, 52, 55, 55a, 56–59
- *H. smirnovi* Bulanova–Zakhvatkina, 1957: 8, 23, 29, 31, 31a, 32, 34a, 49, 51, 53, 65
- *H. tauricus* Bulanova–Zakhvatkina, 1957: 51

Epidamaeus Bulanova–Zakhvatkina, 1957

- *E. pseudotatricus* Bulanova–Zakhvatkina, 1957: 13
- *E. setiger* (Kulczynski, 1902): 29, 31a, 43, 49, 53, 65
- *E. tatricus* (Kulczynski, 1902): 40

Paradamaeus Bulanova–Zakhvatkina, 1957

- *P. clavipes* (Hermann, 1804): 15, 16, 71, 74

Spatiodamaeus Bulanova–Zakhvatkina, 1957

- *S. boreus* Bulanova–Zakhvatkina, 1957: 26
- *S. fagei* Bulanova–Zakhvatkina, 1957: 8, 13, 26, 33, 42, 44
- *S. subverticillipes* Bulanova–Zakhvatkina, 1957: 4, 34
- *S. verticillipes* (Nicolet, 1855): 8, 9, 71

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Belba von Heyden, 1826

- *B. corynopus* (Hermann, 1804): 13, 19, 23, 24, 26, 27, 29, 31a, 34a, 38, 41–43, 45–49, 53, 59, 61–63, 66, 69, 72
- *B. dubinini* Bulanova–Zakhvatkina, 1962: 55
- *B. montana* (Kulczynski, 1902): 47
- *B. pseudocorynopus* Märkel & Mayer, 1960: 71
- *B. sellnicki* Bulanova–Zakhvatkina, 1962: 55, 55a

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- *M. papillipes* (Nicolet, 1855): 2–4, 8, 13, 18, 21, 23, 24, 26, 27, 29, 30, 30a, 31, 31a, 34, 34a, 36, 37a, 39–45, 47, 48, 55–58, 66, 69, 72
- *M. propexa* (Kulczynski, 1902): 2, 9, 23, 24, 28, 31, 31a, 32, 33, 34a, 38, 46, 47, 49, 50, 53, 53a, 65
- *M. pulverulenta* (C.L. Koch, 1840): 4, 5, 7–9, 13, 15–17, 19, 21, 23, 26–29, 31, 31a, 32–34, 34a, 38, 41, 43, 45–47, 53, 53a, 62–64, 66, 67, 74
- *M. rohdendorfi* Bulanova–Zakhvatkina, 1965: 9, 14, 21, 23, 29, 33, 34a, 43–46, 66

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- *M. macrochaeta* Bulanova–Zakhvatkina, 1967: 21, 29, 31, 31a, 32, 43, 49, 53, 65
- *M. soror* Bulanova–Zakhvatkina, 1965: 26

Subbelba Bulanova–Zakhvatkina, 1967

- *S. partiocrispa* (Bulanova–Zakhvatkina, 1957): 13, 21, 22, 24, 26, 27, 29, 31, 31a, 32, 33, 39, 42, 46, 49, 50, 53, 66, 68

BELBODAMAEIDAE Bulanova–Zakhvatkina, 1967

Belbodamaeus Bulanova–Zakhvatkina

- *B. tuberculatus* Bulanova–Zakhvatkina, 1960: 38

Damaeobelba Sellnick, 1928

- *D. minutissima* (Sellnick, 1920): 33, 34a, 46, 50

Hungarobelba Balogh, 1943

- *H. visnyai* (Balogh, 1938): 72

Porobelba Grandjean, 1936

- *P. spinosa* (Sellnick, 1920): 71, 74, 75

CEPHEIDAE Berlese, 1896

Cepheus C.L. Koch, 1836

- *C. brachiatus* Sitnikova, 1975: 56
- *C. cepheiformis* (Nicolet, 1855): 3, 4, 8, 13, 31a, 38, 47, 56, 71
- *C. dentatus* (Michael, 1888): 40, 71, 74, 75
- *C. grandis* Sitnikova, 1975: 21, 31, 32, 34, 40, 45, 50, 53, 57, 67
- *C. latus* C.L. Koch, 1836: 3, 21, 31a, 32, 33, 34a, 40, 53

Conoppia Berlese, 1908

- *C. microptera* (Berlese, 1885): 2, 9, 23, 27, 30, 30a, 31a, 32, 33, 34a, 39, 40, 47, 49–51, 53, 53a, 65

Tritegeus Berlese, 1913

- *T. bisulcatus* Grandjean, 1953: 8, 21, 23, 45, 46, 48, 51, 55, 57, 66
- *T. brevisetosus* Sitnikova, 1975: 4

MICROZETIDAE Grandjean, 1936

Nellacarus Grandjean, 1936

- *N. asiaticus* Krivolutsky, 1967: 57

CTENOBELBIDAE Grandjean, 1965

Ctenobelba Balogh, 1940

- *C. pectinigera* (Berlese, 1910): 7, 8, 24, 38
- *C. pilosella* Jeleva, 1962: 4, 13, 26, 41–45, 48, 61

EREMULIDAE Grandjean, 1965

Eremulus Berlese, 1908

- *E. flagellifer* Berlese, 1908: 57

DAMAEOLIDAE Grandjean, 1965

Damaeolus Paoli, 1908

- *D. asperatus* (Berlese, 1904): 21, 31a, 39, 45, 62, 69

Fosseremus Grandjean, 1954

- *F. laciniatus* (Berlese, 1905): 9, 13, 47, 62

EREMOBELBIDAE Balogh, 1961

Eremobelba Berlese, 1908

- *E. geographica*, 1908: 26

EREMAEIDAE Sellnick, 1928

Eremaeus C.L. Koch, 1836

- *E. fossulatus* Kunst, 1959: 40, 55
- *E. hepaticus* C.L. Koch, 1836: 2, 8, 13, 15, 18, 21, 23, 24, 26–29, 31a, 33, 34a, 37a, 38, 39, 41–48, 50, 53, 66, 72–75
- *E. oblongus* C.L. Koch, 1936: 3–5, 8, 9, 15, 16, 47, 55a
- *E. silvestris* Forsslund, 1956: 1, 2, 6, 38, 53, 65, 72
- *E. triglavensis* Tarman, 1958: 4

Tricheremaeus Berlese, 1908

- *T. nemossensis* Grandjean, 1954: 34

ZETORCHESTIDAE Michael, 1898

Zetorchestes Berlese, 1888

- *Z. falzonii* Coggi, 1898: 74
- *Z. micronychus* (Berlese, 1883): 3–5, 9, 13, 15, 16, 26, 28, 38, 42, 58

TENUIALIDAE Jacot, 1929

Hafenrefferia Oudemans, 1906

- *H. gilvipes* (C.L. Koch, 1839): 8, 13, 39, 40, 42, 47, 49, 61

LIACARIDAE Sellnick, 1928

Adoristes Hull, 1916

- *A. ovatus* (C.L. Koch, 1840): 2, 3, 8, 9, 21, 24, 29, 30a, 31, 31a, 32, 34a, 47, 50, 53, 66
- *A. poppei* (Oudemans, 1906): 1, 3, 4, 8, 9, 11, 29, 30a, 31, 31a, 32–34, 34a, 53, 55, 66, 71–73

Birsteinus Krivolutsky, 1965

- *B. clavatus* Krivolutsky, 1965: 4
- *B. perlongus* Krivolutsky, 1965: 22

Dorycranosus Wooley, 1969

- *D. moraviacus* (Willmann, 1954): 4, 11, 22, 24, 58
- *D. splendens* (Coggi, 1898): 3, 4, 34, 34a

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- *L. breviamellatus* Mihelčič, 1955: 2, 7, 8, 23, 48
- *L. coracinus* (C.L. Koch, 1840): 3–5, 7–9, 19, 22–25, 27, 29, 30a, 31, 31a, 33, 34, 34a, 35, 39–47, 52, 53, 55, 55a, 62–65, 68, 71, 74, 75
- *L. cuspidatus* Mihelčič, 1954: 7–9, 13, 23, 24, 27, 29, 30a, 32, 34a, 41, 44, 45, 47, 50, 53
- *L. gracilis* Mihelčič, 1954: 38, 47
- *L. lencoranicus* Krivolutsky, 1967: 23, 24, 26, 29, 31a, 32, 33, 34a, 39, 48, 53, 56
- *L. nitens* (Gervais, 1844): 19, 21, 22, 24, 40, 43, 53
- *L. punctulatus* (C.L. Koch, 1844): 3
- *L. subterraneus* (C.L. Koch, 1844): 59
- *L. tremellae* (Linné, 1761): 8, 26, 31a, 32, 38, 42, 45–47, 50, 53, 66
- *L. vombi* Dalenius, 1950: 21, 23, 27, 29, 31, 31a, 32, 33, 34a, 43, 46, 47, 49, 50, 53, 53a, 65
- *L. xylariae* (Schrank, 1803): 7–9, 47

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Xenillus Robineau-Desvoidy, 1839

- *X. clypeator* Robineau-Desvoidy, 1839: 4
- *X. discrepans* Grandjean, 1936: 74
- *X. latus* (Nicolet, 1885): 38, 40
- *X. tegeocranus* (Hermann, 1804): 3, 4, 8, 13, 15, 16, 23–26, 29, 30a, 33, 34, 34a, 35, 38, 39, 42, 43, 45, 47, 48, 51, 55, 55a, 56–58, 66, 72, 74, 75

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Astegistes Hull, 1916

- *A. pilosus* (C.L. Koch, 1840): 3, 4, 43

Cultroribula Berlese, 1908

- *C. bicultrata* Berlese, 1908: 8, 13, 38, 64, 72
- *C. confinis* Berlese, 1908: 21, 51
- *C. falcata* Evans, 1952: 71
- *C. juncta* (Michael, 1885): 3, 4
- *C. lata* Aoki, 1961: 3, 4, 9

- *C. microdentata* Krivolutsky, 1962: 3, 4
- *C. trifurcata* var. *rotundata* Krivolutsky, 1962: 38

Furcoribula Balogh, 1943

- *F. furcillata* (Nordenskiöld, 1901): 3, 4, 40

METRIOPPIIDAE Balogh, 1943

Ceratoppia Berlese, 1908

- *C. bipilis* (Hermann, 1804): 2–5, 8, 9, 13, 15, 16, 21–24, 27–29, 31, 32, 34a, 38–43, 45–49, 53, 53a, 56, 65, 66, 71, 72, 74, 75
- *C. quadridentata* (Haller, 1882): 2, 8, 9, 13, 19, 21, 23, 24, 26, 28–30, 31a, 32, 33, 34a, 38, 39, 41–48, 65, 66, 74, 75
- *C. sexpilosa* Willmann, 1938: 29, 53

Metrioppia Grandjean, 1931

- *M. helvetica* Grandjean, 1931: 2, 39, 53, 53a

GUSTAVIIDAE Oudemans, 1900

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- *G. fusifera* (C.L. Koch, 1841): 39, 71, 74
- *G. microcephala* (Nicolet, 1855): 3–5, 7, 13, 21, 23, 24, 26, 31a, 42, 45, 46, 48, 57, 66

CARABODIDAE C.L. Koch, 1837

Carabodes C.L. Koch, 1836

- *C. areolatus* Berlese, 1916: 2–4, 13, 30a, 31, 32, 34, 38, 39, 51, 58, 71, 74, 75
- *C. coriaceus* C.L. Koch, 1836: 4, 8, 13, 17, 32, 34, 42, 46, 53, 57, 71, 75
- *C. femoralis* (Nicolet, 1855): 23, 28, 34, 47, 57, 58, 61, 65, 71, 74
- *C. femoralis* var. *rugosior* Berlese, 1916: 8, 13, 19, 21, 23, 24, 29, 31a, 32, 43, 45, 46, 48, 51, 55, 66
- *C. forsslundi* Sellnick, 1953: 8, 13, 30a, 57
- *C. labyrinthicus* (Michael, 1879): 1, 8, 13, 21, 23, 24, 27, 29, 32, 33, 34a, 38, 45–48, 50, 53, 65, 71, 75
- *C. marginatus* (Michael, 1884): 5, 7–9, 15, 16, 19, 23, 25, 27, 29, 31a, 32, 34, 34a, 46–49, 53, 57, 65, 71
- *C. minusculus* Berlese, 1923: 1–4, 53, 64, 74
- *C. ornatus* Storkán, 1925: 71
- *C. reticulatus* Berlese, 1913: 3, 4, 34, 34a, 55, 55a, 64, 71, 74, 75
- *C. rugosior* Berlese, 1916: 71, 74, 75
- *C. subarcticus* Trägårdh, 1902: 4, 53, 58, 71, 74, 75

TECTOCEPHEIDAE Grandjean, 1954

Tectocepheus Berlese, 1913

- *T. alatus* Berlese, 1913: 32, 53
- *T. knullei* Vaněk, 1960: 13, 21
- *T. minor* (Berlese, 1903): 13, 23, 47, 48
- *T. sarekensis* (Trägårdh, 1910): 1–3, 8, 12, 13, 32, 38, 42, 48, 53, 66, 68, 71–74
- *T. velatus* (Michael, 1880): 3, 4, 7–9, 11, 13, 18, 19, 21–31, 31a, 32–34, 34a, 38, 42–49, 51, 53, 53a, 55, 55a, 56–62, 65, 66, 69, 71, 74, 75

OTOCEPHEIDAE Balogh, 1961

Dolicheremaeus Jacot, 1938

- *D. georgii* Bulanova–Zakhvatkina, 1967: 38
- *D. montanus* Krivolutsky, 1971: 4

OPPIDAE Grandjean, 1954

Berminiella Balogh, 1983

- *B. bicarinata* Paoli, 1908: 2, 4, 8, 9, 13, 21, 23, 24, 28, 29, 30a, 31, 31a, 32, 45–51, 53, 54, 57, 65, 66

Cosmoppia Balogh, 1983

- *C. ornata* (Oudemans, 1900): 2–4, 7–9, 13, 19, 21, 23, 24, 26–29, 30a, 31, 31a, 32, 33, 34a, 38, 42–50, 53, 54, 64–66, 71, 74, 75

Ctenoppiella Gordeeva & Karppinen, 1988

- *C. fallax* (Paoli, 1908): 3, 4, 7, 8, 46, 53, 61, 71
- *C. globosa* (Mihelčič, 1956): 8, 9, 13, 18, 21, 23, 24, 26, 27, 29, 31, 31a, 32, 33, 34a, 43, 45–47, 49–51, 53, 54, 65, 66
- *C. media* (Mihelčič, 1965): 2, 13, 31a, 32, 34, 34a, 54, 65
- *C. obsoleta* (Paoli, 1908): 3, 4, 25, 28, 34, 38, 47, 53, 63, 64, 71, 74
- *C. subpectinata* (Oudemans, 1901): 3, 47, 53, 57, 71, 72, 74, 75
- *C. tuberculata* (Bulanova–Zakhvatkina, 1964): 4, 27, 34, 34a, 53, 56, 74

Hypogeoppia Subias, 1982

- *H. jannae* (Sellnick, 1961): 3, 4, 34
- *H. sigma* var. *conjuncta* (Strenzke, 1951): 13, 31, 31a, 32, 47, 49

Microppia Balogh, 1983

- *M. minus* (Paoli, 1908): 3, 4, 8, 9, 13, 23, 26, 28, 32, 33, 34a, 38, 43, 44, 46, 51, 53, 65
- *M. minutissima* (Sellnick, 1950): 6, 48, 71

Multioppia Hammer, 1961

- *M. glabra* (Mihelčič, 1955): 6, 23, 24, 26, 27, 29, 31, 31a, 32, 41–43, 43a, 45, 46, 48, 50, 53, 54, 56–58, 65, 66, 74, 75
- *M. laniseta* Moritz, 1966: 71

Oppia C.L. Koch, 1836

- *O. chitinophincta* Kulijev, 1962: 27, 29
- *O. concolor* (C.L. Koch, 1844): 4, 61
- *O. furcata* (Willmann, 1928): 38, 41, 47, 55, 74
- *O. manifera* Hammer, 1952: 34, 53
- *O. minuta* Bulanova–Zakhvatkina, 1964: 3
- *O. nitens* C.L. Koch, 1836: 3, 4, 13, 26, 31, 34, 34a, 38, 39, 41, 42, 46, 48, 67
- *O. paradecipiens* Kulijev, 1962: 4, 8, 9, 21–24, 27–29, 30a, 31, 31a, 32, 33, 34a, 38, 42, 43, 45–48, 50, 53, 54, 55a, 56–59, 65, 66
- *O. quadrimaculata* Evans, 1952: 74
- *O. splendens* (C.L. Koch, 1840): 4, 55
- *O. translamellata* (Willmann, 1923): 30a, 38

Oppiella Jacot, 1937

- *O. bicarinata* (Paoli, 1908): 71, 75
- *O. confinis* (Paoli, 1908): 74
- *O. falcata* (Paoli, 1908): 34, 56, 57, 71
- *O. loksai* Schalk, 1966: 74
- *O. marginedentata* (Strenzke, 1951): 74
- *O. maritima* (Willmann, 1929): 8, 26, 28, 29, 31, 31a, 39, 42, 46, 47, 71
- *O. neerlandica* (Oudemans, 1900): 2, 3, 26, 27, 29, 31, 31a, 32, 47–49, 53, 54, 61, 65, 66, 71
- *O. nova* (Oudemans, 1902): 2–4, 7–9, 13, 18, 19, 21, 23, 25, 26, 28, 31, 31a, 32–34, 34a, 38, 39, 42–48, 51, 53, 55–62, 65, 66, 68, 71, 74, 75
- *O. uliginosa* (Willmann, 1919): 74
- *O. unicarinata* (Paoli, 1908): 3, 4, 13, 34, 53, 71, 74, 75

Quadroppia Jacot, 1939

- *Q. maritalis* Lions, 1982: 74
- *Q. paolii* Woas, 1986: 74, 75
- *Q. quadricarinata* (Michael, 1885): 2, 3, 8, 9, 13, 21, 23, 24, 26, 28, 29, 31, 31a, 32, 33, 38, 39, 43–47, 49–51, 53, 55–57, 65, 66, 71, 74, 75

Ramusella (Insculptoppia) Subias, 1980

- *R. clavipectinata* (Michael, 1885): 4, 9, 24, 34, 34a, 55–58

Ramusella (Insculpta) (Paoli, 1908): 34a, 49*Ramusella (Rectoppia)* Subias, 1980

- *R. mihelcici* (Perez–Inigo, 1964): 4, 57

SUCTOBELBIDAE Grandjean, 1954

Allosuctobelba Mortiz, 1970

- *A. grandis* (Paoli, 1908): 8, 57, 75

Rhynchobelba Willmann, 1953

- *R. inexpectata* Willmann, 1953: 34

Suctobelba Paoli, 1908

- *S. aliena* Moritz, 1970: 29, 46, 56–58
- *S. altvateri* Mortiz, 1970: 74
- *S. granulata* van der Hammen, 1952: 71
- *S. lapidaria* Moritz, 1970: 21, 24, 29, 46
- *S. regia* Moritz, 1970: 51, 71
- *S. reticulata* Moritz, 1970: 8, 27, 32, 53
- *S. scalpelata* Moritz, 1970: 29
- *S. secta* Mortiz, 1970: 13, 64
- *S. sorrentensis* Hammer, 1961: 4
- *S. trigona* (Michael, 1888): 8, 9, 13, 21–24, 26–29, 30a, 31, 31a, 32, 33, 34a, 38, 39, 42–51, 53, 54, 65, 66, 68, 71, 74, 75

Suctobelbella Jacot, 1937

- *S. acrana* Moritz, 1970: 6, 29, 71, 74, 75
- *S. acutidens* (Forsslund, 1941): 8, 28, 38, 46, 47, 71, 75
- *S. alloenasuta* Moritz, 1971: 4, 6, 13, 21, 23, 29, 31, 31a, 45–47, 49, 53, 54, 64, 66
- *S. amurica* (Krivolutsky, 1966): 8, 13, 29
- *S. bella* (Berlese, 1902): 4, 8, 64
- *S. duplex* (Strenzke, 1950): 8, 13, 23, 26, 27, 29, 31, 31a, 32, 33, 44–48, 50, 53, 66
- *S. falcata* (Forsslund, 1941): 6, 13, 32, 33, 47, 48, 51, 61, 71
- *S. forsslundi* (Strenzke, 1950): 8, 38, 46, 47, 75
- *S. hammeri* (Krivolutsky, 1965): 6, 28, 29, 31a, 32, 38, 47, 49, 51, 53, 64, 65
- *S. latirostris* (Strenzke, 1950): 1, 8, 27, 29, 31a, 45, 47
- *S. longirostris* (Forsslund, 1941): 8, 54, 64, 71
- *S. macrodon* Mihelčič, 1956: 8, 13
- *S. nasalis* (Forsslund, 1941): 8, 29, 31a, 71
- *S. opistodentata* (Golosoova, 1970): 57
- *S. palustris* (Forsslund, 1953): 8, 29, 30a, 31, 31a, 47, 48, 53, 65
- *S. paracutidens* Mahunka, 1983: 74
- *S. perforata* (Strenzke, 1950): 6, 27, 28, 31a, 32, 38, 49, 53, 65, 71
- *S. perpendicularata* (Forsslund, 1958): 51, 53, 57, 65
- *S. promineus* (Moritz, 1966): 29, 34, 47
- *S. sarekensis* (Forsslund, 1941): 8, 71

- *S. similis* (Strenzke, 1950): 2, 8, 9, 31, 31a, 34a, 51, 53, 71
- *S. singularis* (Strenzke, 1950): 34, 34a
- *S. subcornigera* (Forsslund, 1941): 8, 27, 28, 31a, 47, 57, 58, 71, 74
- *S. subtrigona* (Oudemans, 1916): 2–4, 8, 21, 26, 31a, 34, 34a, 45, 47, 53, 62, 71, 74
- *S. tatarica* (Krivolutsky, 1968): 31
- *S. tuberculata* Strenzke, 1950: 1, 8, 9, 13, 18, 26, 29, 31, 31a, 32, 39, 42–46, 48, 50, 51, 53, 65
- *S. vera* (Moritz, 1964): 8, 9, 13, 21, 23, 24, 27, 30a, 32, 33, 45–47, 51, 66

AUTOGNETIDAE Grandjean, 1960

Autogneta Hull, 1916

- *A. longilamellata* (Michael, 1888): 3, 4, 34, 34a, 53, 57, 74, 75
- *A. parva* Forsslund, 1947: 53
- *A. trågårdhi* Forsslund, 1947: 2, 4, 8, 23, 29, 43, 46, 48, 53, 65
- *A. willmanni* (Dyrdowska, 1929): 4, 28, 32, 46, 47

Conchogneta Grandjean, 1963

- *C. delacarlina* (Forsslund, 1947): 8, 9, 13, 21, 23, 24, 26, 27, 29, 30, 31a, 39, 43–51, 53, 54, 57, 58, 65, 66

CALEREMAEIDAE Grandjean, 1965

Caleremaeus Berlese, 1910

- *C. monilipes* (Michael, 1882): 25, 34, 34a, 53, 71, 75

THYRISOMIDAE Grandjean, 1953

Banksinoma Oudemans, 1900

- *B. lanceolata* (Michael, 1888): 3, 4, 66, 71, 74

Oribella Berlese, 1908

- *O. alpestris* (Willmann, 1929): 2, 49, 53, 53a, 56
- *O. paoli* Oudemans, 1913: 4, 8, 9, 22–24, 31, 31a, 32, 43, 46–49, 53, 53a, 60, 61, 65, 71, 74
- *O. pectinata* (Michael, 1885): 3, 4, 63

HYDROZETIDAE Grandjean, 1954

Hydrozetes Berlese, 1902

- *H. confervae* (Schrank, 1781): 4
- *H. lemnae* Coggi, 1899: 3, 4

LIMNOZETIDAE Grandjean, 1954

Limnozetes Hull, 1916

- *L. sphagni* (Michael, 1884): 4

CYMBAEREMAEIDAE Sellnick, 1928

Cymbaeremaeus Berlese, 1896

- *C. cymba* (Nicolet, 1855): 3, 4, 71

Scapheremaeus Berlese, 1910

- *S. palustris* Sellnick, 1924: 52

MICREREMIDAE Grandjean, 1954

Micreremus Berlese, 1908

- *M. brevipes* (Michael, 1888): 28, 48
- *M. gracilior* Willmann, 1931: 40, 69

LICNEREMAEIDAE Grandjean, 1931

Licneremaeus Paoli, 1908

- *L. licnophorus* (Michael, 1888): 74

SCUTOVERTICIDAE Grandjean, 1954

Scutovertex Michael, 1879

- *S. minutus* (C.L. Koch, 1936): 3, 4, 25, 29, 30, 34, 34a, 48, 53
- *S. punctatus* Sitnikova, 1975: 4, 34
- *S. rugosus* Mihelčič, 1975: 4
- *S. sculptus* Michael, 1879: 72
- *S. serratus* Sitnikova, 1975: 4

ORIBATULIDAE Thor, 1929

Domitorina Grandjean, 1951

- *D. plantivaga* (Berlese, 1896): 32

Eporibatula Sellnick, 1928

- *E. rauschenensis* (Sellnick, 1908): 34

Hemileius Berlese, 1916

- *H. initialis* (Berlese, 1908): 65, 71, 72, 74, 75

Liebstadia Oudemans, 1906

- *L. humerata* Sellnick, 1928: 3, 34, 75
- *L. similis* (Michael, 1888): 3, 4, 6, 8, 9, 15, 16, 22–24, 27, 29, 31, 31a, 34a, 38, 46, 47, 49, 53, 65

Lucoppia Berlese, 1908

- *L. lucorum* (C.L. Koch, 1840): 4

Oribatula Berlese, 1896

- *O. pallida* Banks, 1906: 3, 4, 27, 31, 31a, 32, 34, 34a, 40, 46, 53, 60, 65
- *O. pannonica* Willmann, 1949: 3, 55
- *O. tibialis* (Nicolet, 1855): 1–5, 8, 9, 15, 16,

- 21, 23, 24, 27–29, 31, 31a, 32–34, 34a, 38, 42, 43, 45–49, 51, 53, 56, 65, 66, 71–74

Paraleius Travé, 1960

- *P. leontonychus* (Berlese, 1910): 71

Scheloribates Berlese, 1908

- *S. confundatus* Sellnick, 1928: 23, 27, 29, 31, 31a, 32, 43, 46, 47, 49, 51, 53, 53a, 65, 66
- *S. labyrinthicus* Jeleva, 1962: 53, 71, 72
- *S. laevigatus* (C.L. Koch, 1836): 3, 4, 7–9, 13, 17, 19, 21–26, 30, 31a, 33, 34, 34a, 35, 38, 39, 42–44, 52, 53, 55, 55a, 62–64, 66, 67, 71, 72
- *S. latipes* (C.L. Koch, 1844): 2–5, 8, 9, 15–17, 21, 23, 24, 26, 27, 29, 30a, 31, 31a, 32, 34a, 39, 40, 42–44, 46, 47, 49, 53, 53a, 65, 66, 71, 75
- *S. pallidulus* (C.L. Koch, 1840): 3, 34, 55, 71, 74

Zygoribatula Berlese, 1917

- *Z. exilis* (Nicolet, 1855): 9, 40, 48, 71, 72, 75
- *Z. frisiae* (Oudemans, 1900): 3, 4, 47, 55
- *Z. microporosa* Bulanova–Zakhvatkina, 1967: 4, 61
- *Z. terricola* van der Hammen, 1952: 4
- *Z. vera* Bulanova–Zakhvatkina, 1967: 3, 4

HAPLOZETIDAE Grandjean, 1936

Haplozetes Willmann, 1935

- *H. vindobonensis* Willmann, 1935: 2, 23, 29, 42, 53, 65
- *H. vindobonensis* var. *curtipilus* Kunst, 1977: 73

Peloribates Berlese, 1908

- *P. europaeus* Willmann, 1935: 3, 4, 43, 47
- *P. longipilosus* Csiszar, 1962: 4

Protoribates Berlese, 1908

- *P. badensis* Sellnick, 1928: 9, 13, 21, 23, 24, 26, 34a, 39, 43, 46, 51, 66
- *P. capucinus* (Berlese, 1908): 31a, 34, 38, 39, 51, 67, 72
- *P. longior* Berlese, 1908: 47
- *P. monodactylus* (Haller, 1884): 4, 22, 24, 34, 34a, 56–58
- *P. pannonicus* Willmann, 1951: 75
- *P. variabilis* Rajski, 1958: 4, 7, 8, 28, 47, 55, 67

Xylobates Jacot, 1929

- *X. lophotrichus* (Berlese, 1904): 4, 26, 30a, 31a, 39, 41, 42, 47, 48, 50
- *X. novus* Willmann, 1953: 34a, 39

CHAMOBATIDAE Grandjean, 1954

Chamobates Hull, 1916

- *C. borealis* (Trägårdh, 1902): 2, 9, 13, 19, 21–24, 27, 29, 30a, 31a, 32, 33, 43, 44, 46–49, 53, 53a, 65, 66, 71, 72, 74
- *C. caucasicus* Shaldybina, 1969: 53
- *C. cuspidatiformis* (Trägårdh, 1904): 18, 20, 68
- *C. cuspidatus* (Michael, 1884): 1, 2, 8, 9, 26, 38, 47, 68, 71, 73
- *C. dapauperatus* (Berlese, 1882–1889): 8
- *C. lapidarius* (Lucas, 1849): 28, 38
- *C. pusillus* (Berlese, 1895): 71, 73, 75
- *C. schützi* (Oudemans, 1901): 53
- *C. spinosus* Sellnick, 1928: 3, 4, 13, 34, 34a, 55, 72
- *C. subglobosus* (Oudemans, 1900): 5, 8, 9, 12, 13, 15, 16, 26, 33, 34a, 42, 45
- *C. tricuspidatus* Willmann, 1953: 71
- *C. voigtsi* (Oudemans, 1902): 2, 8, 9, 13, 21–24, 27–29, 31, 31a, 32, 33, 34a, 38, 44–47, 49–51, 53, 65–67, 71–75

EUZETIDAE Grandjean, 1954

Euzetes Berlese, 1908

- *E. globulus* (Nicolet, 1855): 3–5, 8, 9, 13, 15, 16, 18, 19, 21–24, 26, 29, 34, 41, 43, 46, 47, 49, 55, 55a, 57, 66, 67, 71
- *E. seminulum* (O.F. Müller, 1776): 40

ZETOMIMIDAE Shaldybina, 1966

Zetomimus Hull, 1916

- *Z. furcatus* (Pearce & Warburton, 1906): 4, 71, 72

CERATOZETIDAE Jacot, 1925

Ceratozetella Shaldybina, 1966

- *C. minima* (Sellnick, 1928): 2, 48
- *C. sellnicki* (Rajski, 1958): 3, 4, 8, 47, 51, 55a, 57, 71, 73
- *C. thienemanni* (Willmann, 1943): 31, 32, 47, 53, 65, 67, 71

Ceratozetes Berlese, 1908

- *C. bulanovae* Kulijev, 1962: 4
- *C. cuspidodenticulatus* Kulijev, 1962: 4a
- *C. furcatus* (Pearce & Warburton, 1905): 3
- *C. gracilis* (Michael, 1884): 3, 4, 7–9, 19, 34, 38, 71, 73, 74

- *C. laticuspidatus* Menke, 1964: 71
- *C. longispinus* Mahunka & Topercer, 1983: 74
- *C. macromediocris* Shaldybina, 1970: 8, 26, 31a, 42, 44, 48, 68
- *C. mediocris* Berlese, 1908: 3, 4, 8, 22–24, 26, 27, 30a, 31a, 34, 34a, 39, 42, 44, 46, 48, 51, 53, 59–63, 72, 74
- *C. minutissimus* Willmann, 1951: 4, 53, 61
- *C. piritus* Grandjean, 1951: 8, 13, 23, 26, 27, 39, 41, 42, 45, 49, 53, 68

Ceratozetoides Shaldybina, 1966

- *C. cisalpinus* (Berlese, 1908): 3, 4, 8, 67
- *C. maximus* (Willmann, 1953): 34

Diapterobates Grandjean, 1936

- *D. humeralis* (Hermann, 1804): 2, 8, 9, 13, 21, 46, 53, 66, 71

Edwardzetes Sellnick, 1928

- *E. edwardsii* (Nicolet, 1855): 5, 31, 31a, 32, 40, 49, 53, 65, 71

Fuscozetes Sellnick, 1928

- *F. fuscipes* (C.L. Koch, 1844): 2, 5, 8, 9, 15, 16, 53, 71
- *F. setosus* (C.L. Koch, 1840): 8, 21, 23, 27, 29, 30a, 31, 32, 39, 46, 47, 49, 50, 53, 53a, 65, 71

Globozetes Sellnick, 1928

- *G. tricuspidatus* (Willmann, 1953): 23

Latilamellobates Shaldybina, 1971

- *L. incisellus* (Kramer, 1897): 3, 4, 29, 31a, 53, 65

Melanozetes Hull, 1916

- *M. longisensillus* Schweizer, 1956: 31a
- *M. meridianus* Sellnick, 1928: 31a
- *M. mollicomus* (C.L. Koch, 1840): 9, 11, 15, 16, 21, 23, 31, 31a, 32–34, 34a, 40, 43, 47, 50, 51, 53, 53a, 56–58, 66, 71, 74, 75
- *M. mollisimilis* Schweizer, 1956: 4, 23, 30a, 31, 31a, 32, 45, 56, 66

Oromurcia Thor, 1930

- *O. sudetica* Willmann, 1939: 32, 49, 53, 65

Sphaerozetes Berlese, 1885

- *S. orbicularis* (C.L. Koch, 1836): 17, 31a, 53, 65
- *S. piriformis* (Nicolet, 1855): 5, 9, 15, 16
- *S. tricuspidatus* Willmann, 1923: 22, 24

Trichoribates Berlese, 1910

- *T. longipilis* Willmann, 1951: 31, 31a, 46, 49, 53, 65
- *T. monticola* (Trägårdh, 1910): 34

- *T. novus* (Sellnick, 1928): 8
- *T. numerosus* (Sellnick, 1924): 5, 9, 15, 16
- *T. trimaculatus* (C.L. Koch, 1836): 3–5, 16, 34a, 40

MYCOBATIDAE Grandjean, 1954

Minunthozetes Hull, 1916

- *M. pseudofusiger* (Schweizer, 1922): 2, 8, 9, 18, 21, 23, 24, 26–29, 30a, 31, 31a, 32, 34a, 38, 39, 42, 43, 45–51, 53, 53a, 65–67, 69, 74
- *M. semirufus* (C.L. Koch, 1841): 2, 8, 9, 11, 13, 18, 21–24, 26–29, 30a, 31, 31a, 33, 38, 39, 42, 43, 45, 46, 48, 50, 53, 53a, 66, 71, 73, 74
- *M. tarmani* Feider, Vasiliu & Calugar, 1971: 57

Mycobates Hull, 1916

- *M. bicornis* Strenzke, 1954: 1, 65
- *M. carli* (Schweizer, 1922): 27, 29, 32, 49, 53, 65
- *M. parmelliae* (Michael, 1884): 53
- *M. patrius* Shaldybina, 1970: 32
- *M. tridactylus* Willmann, 1929: 3, 4, 70

Punctoribates Berlese, 1908

- *P. hexagonus* Berlese, 1908: 22, 49
- *P. punctum* (C.L. Koch, 1839): 1–4, 8, 9, 13, 19, 21, 23, 24, 27, 29, 31, 31a, 34, 41, 43–48, 55, 59–63, 66, 67, 72, 74, 75
- *P. sellnicki* (Willmann, 1928): 7, 8, 34a
- *P. zachvatkini* Shaldybina, 1969: 24, 26, 30a, 31a, 39, 44, 45, 48

MOCHLOZETIDAE Grandjean, 1960

Podoribates Berlese, 1908

- *P. gratus* (Sellnick, 1921): 3

PELOPIDAE Ewing, 1917

Eupelops Ewing, 1917

- *E. acromios* (Hermann, 1804): 2–4, 12, 13, 19, 23, 26, 29, 31, 31a, 32, 34, 34a, 42, 45, 53, 54, 55a, 56, 71
- *E. auritus* (C.L. Koch, 1840): 28, 38
- *E. bilobus* Sellnick, 1928: 1, 34
- *E. caucasicus* Sitnikova, 1975: 9, 23
- *E. nepotulus* Berlese, 1917: 24, 72, 74
- *E. occultus* (C.L. Koch, 1936): 2, 9, 10, 21, 23, 24, 26, 31a, 39, 40, 43, 44, 47, 49, 66, 71
- *E. planicornis* (Schrank, 1803): 38
- *E. plicatus* (C.L. Koch, 1836): 1, 3, 4, 8, 12, 13, 19, 21–24, 27, 29, 31, 31a, 32, 34a, 39, 42, 45, 46, 48, 49, 53, 53a, 54, 65, 66, 71, 74, 75

- *E. subuliger* Berlese, 1917: 29, 30a, 31, 31a, 32, 34, 34a, 40, 49, 53, 65, 66, 71
- *E. tardus* (C.L. Koch, 1836): 3, 7
- *E. torulosus* (C.L. Koch, 1840): 1, 2, 8–10, 12, 13, 19, 21, 23, 28, 30a, 31, 31a, 32, 33, 34a, 37a, 47, 53, 54, 65, 66, 71, 72, 74

Peloptulus Berlese, 1908

- *P. phaenotus* (C.L. Koch, 1844): 2–4, 7, 21, 22, 34, 34a, 53, 65

ORIBATELLIDAE Jacot, 1925

Ophidiotrichus Grandjean, 1953

- *O. connexus* (Berlese, 1904): 13, 23, 27, 34a, 38, 45, 46, 51, 66
- *O. connexus* var. *borussicus* (Sellnick, 1908): 47, 74, 75

Oribatella Banks, 1895

- *O. angulosa* Csiszar, 1962: 2, 8, 21, 23, 24, 32, 34a, 43, 48, 49, 53, 66–68
- *O. berlesei* Michael, 1898: 13, 21–24, 28, 31, 40, 46, 47, 49, 53, 57, 66, 72, 74
- *O. calcarata* (C.L. Koch, 1836): 4, 5, 9, 15, 16, 40, 57, 71, 73–75
- *O. dudichi* Willmann, 1938: 2, 19, 23, 28, 31a, 34a, 43, 46, 47, 49, 53, 65, 74
- *O. enthricha* Berlese, 1908: 15, 16
- *O. kurchevi* Krivolutsky, 1974: 31a, 40, 46, 47, 49, 50, 53
- *O. meridionalis* Berlese, 1908: 3, 4, 55, 58
- *O. ornata* (Coggi, 1900): 7, 8, 19, 31a, 32, 46, 47, 53, 60
- *O. quadricornuta* (Michael, 1884): 5, 58, 71
- *O. reticulata* Berlese, 1916: 55a
- *O. sexdentata* Berlese, 1916: 4

Tectoribates Berlese, 1910

- *T. ornatus* (Schuster, 1958): 3, 4, 6

TEGORIBATIDAE Grandjean, 1954

Lepidozetes Berlese, 1910

- *L. singularis* Berlese, 1910: 22, 29, 31, 31a, 32, 46–48, 53

Scutozetes Hammer, 1952

- *S. lanceolatus* Hammer, 1952: 19, 22

ACHIPTERIIDAE Thor, 1929

Achipteria Berlese, 1885

- *A. coleoprata* (Linné, 1746): 1, 2, 4, 5, 7–16, 18, 19, 21–27, 29, 30a, 31a, 32, 33, 34a, 37a, 38–50, 53, 54, 56–59, 65–68, 71–74

- *A. italica* (Oudemans, 1913): 21–23, 27, 29, 32, 46, 53, 53a, 65, 66
- *A. nitens* (Nicolet, 1855): 1, 2, 4, 8–10, 12, 13, 18–20, 22–24, 30a, 33, 34, 34a, 37a, 38, 39, 41–43, 45, 50, 53, 54, 56–59, 65, 66, 72, 74, 75
- *A. oudemansi* Hammer, 1952: 57, 65
- *A. sellnicki* van der Hammen, 1952: 4
- *Anachipteria* Grandjean, 1935
- *A. deficiens* Grandjean, 1935: 4, 73
- *A. latitecta* (Berlese, 1908): 4, 13, 34, 40, 43, 44, 46, 47, 56, 65
- Parachipteria* van der Hammen, 1952
- *P. bella* (Sellnick, 1928): 34, 34a, 40, 55, 59
- *P. nivalis* (van der Hammen, 1952): 4, 31a, 53, 59
- *P. patovicus* (Oudemans, 1913): 53
- *P. punctata* (Nicolet, 1855): 1–4, 7–14, 17–19, 21, 23–25, 27–29, 31a, 32, 34, 34a, 38, 40, 42, 43, 46–49, 53–55, 57, 65–68, 74
- *P. willmanni* (van der Hammen, 1952): 4, 12, 25, 53–57, 65, 71, 74, 75

PARACALUMMIDAE Grandjean, 1936

- Neoribates* Berlese, 1914
- *N. neglectus* Willmann, 1953: 71
- Protokalumma* Jacot, 1929
- *P. aurantiaca* (Oudemans, 1913): 4, 8, 9, 13, 21–24, 26, 31a, 43, 61, 66

GALUMNIDAE Jacot, 1925

- Acrogalumna* Grandjean, 1956
- *A. longipluma* (Berlese, 1904): 5, 8, 9, 13, 15, 21, 27, 29, 46, 49, 68, 71, 74, 75
- Allogalumna* Grandjean, 1936
- *A. crassivlava* (Berlese, 1904): 8
- Galumna* von Heyden, 1826
- *G. alata* (Hermann, 1804): 26
- *G. dimorpha* Krivolutskaja, 1952: 4
- *G. elimata* (C.L. Koch, 1841): 5, 8, 71
- *G. flagellata* Willmann, 1925: 4
- *G. lanceata* Oudemans, 1900: 1–4, 7–9, 12, 17, 18, 23, 26, 29, 34, 39, 42, 43, 47, 48, 53, 55, 57, 71
- *G. obvius* (Berlese, 1914): 3–5, 8–10, 12, 13, 15, 21–25, 31a, 42, 43, 54, 66, 67
- *G. rossica* Sellnick, 1926: 3, 4
- *G. tarsipennata* Oudemans, 1913: 1, 71, 74
- Pergalumna* Grandjean, 1936
- *P. altera* (Oudemans, 1915): 2, 12, 21–23, 29, 30a, 31, 31a, 37a, 40, 53, 53a, 54, 65, 71

- *P. formicaria* (Berlese, 1914): 10, 53
- *P. myrmophila* (Berlese, 1915): 10, 53, 69
- *P. nervosa* (Berlese, 1914): 1–6, 9, 15, 16, 18, 23, 60, 71, 74
- Pilogalumna* Grandjean, 1956
- *P. allifera* (Oudemans, 1919): 3, 4, 34, 34a
- *P. allifera* var. *montana* Grishina & Sergienko, 1978: 37a
- *P. ornatula* Grandjean, 1956: 4

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