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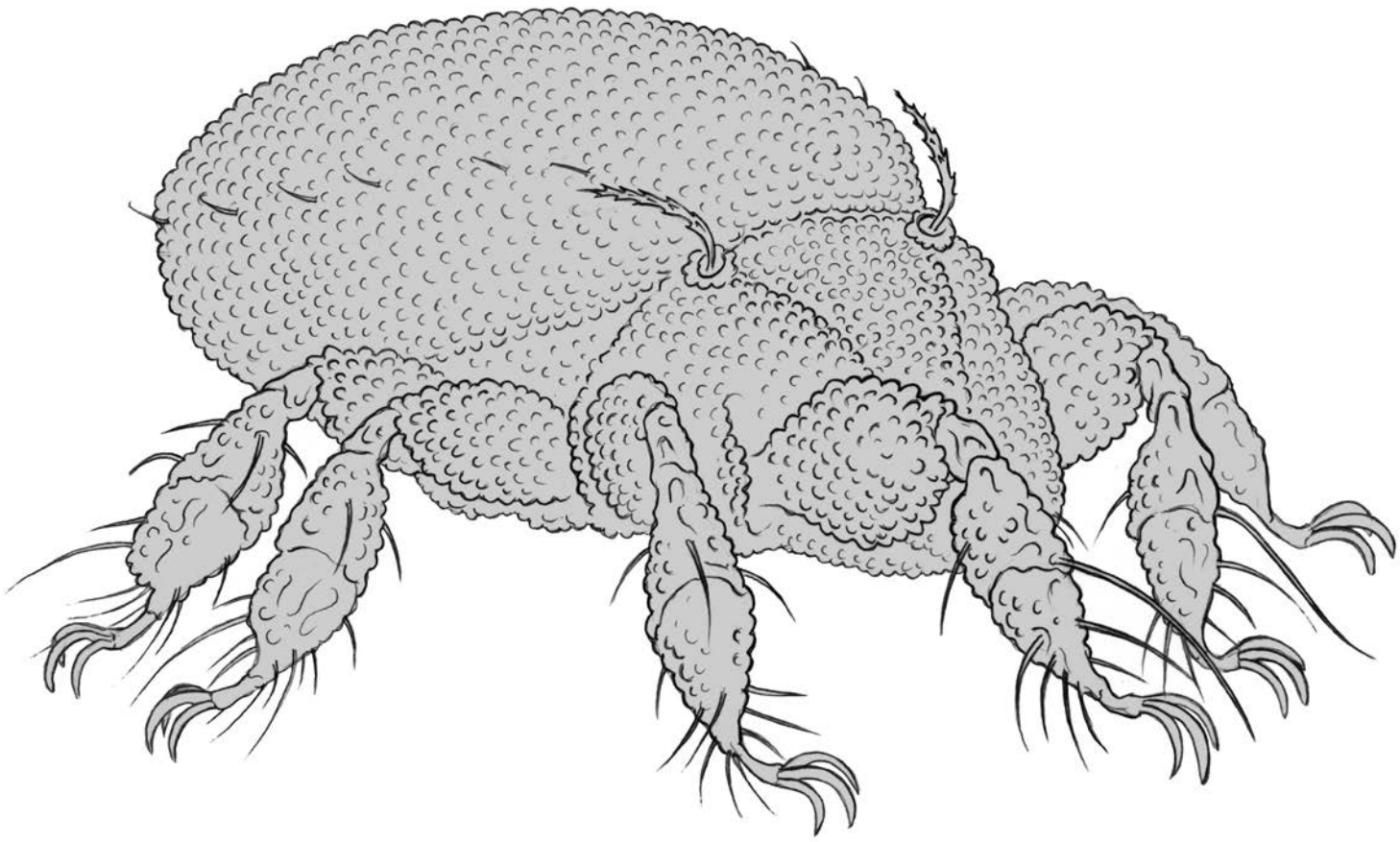

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Under the title "Oribatida", the publications on oribatid mites are listed every year as far as they have come to our knowledge. Please help us to keep the literature database as complete as possible by sending us pdf's, reprints or copies of all your papers on oribatid mites, or, if this is not possible, complete references so that we can include them in the list. Proposals for improvement and criticism are very welcome. Please inform us, if we have failed to list all your publications in the Bibliographia.

The database about oribatid mites presently contains 13,042 papers and 9,556 taxa. Every scientist who sends keywords for investigations can receive a list of literature or taxa. The Bibliographia Oribatologica of number 1 to 32 and the issues 1 to 20 of ACARI can be downloaded free of charge. **http://www.senckenberg.de/Acari**

We are presently endeavouring to extend the reference collections on mites and interested in obtaining determined mite material. It goes without saying that the deposition of type material in the acarological collections of the Senckenberg Museum of Natural History Görlitz will also remain possible in the future. The availability of our collections is guaranteed, as presently 3 scientists and technical personnel are working with the mite collections. Types and original descriptions are presented on the Internet.

Acarological literature

Literature quotations printed in bold type contain descriptions of new species. Titles marked with "*" were only found as a citation or abstract.

Publications 2021

Akrami, M.A. / Ordouni, F. / Ramroodi, S. (2021): A new species of *Pergalumna* (Acari: Oribatida, Galumnidae) from southeastern Iran, including a key to all species of the genus from the Palaearctic region. - Syst. Appl. Acarol. 26,2: 379-394

Akrami, M.A. / Rajabi, M. (2021): A new oribatid mite of the genus *Pergalumna* (Acari: Oribatida, Galumnidae) from north-west of Iran. - Persian J. Acarol. 10,2: 127-135

Andrievskii, V.S. / Yakutin, M.V. / Puchnin, A.N. (2021): Oribatid Mites (Acari, Oribatida) in the Pale Yellow Soil of Central Yakutia. - Entomol. Rev. 101: 282-285 published in Zool. Zh. 100,3: 275-278 [Orig. Russ.]

Aupic-Samain, S.M. / Chomel, M. / Quer, E. / Lecareux. C. / Limousin J.-M. / Ourcival J.M. / Simioni G. / Gauquelin T. / Fernandez C. / Baldy, V. (2021): Soil biota response

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to experimental rainfall reduction depends on the dominant tree species in mature northern Mediterranean forests. - Soil Biol. Biochem. 154: 108-122

Barreto, C. / Lindo, Z. (2021): Checklist of oribatid mites (Acari: Oribatida) from two contrasting boreal fens: an update on oribatid mites of Canadian peatlands. - Syst. Appl. Acarol. 26,5: 866-884

Bayartogtokh, B. / Ermilov, S.G. (2021): A remarkable new species of Hungarobelbidae (Acari: Oribatida) exhibiting characteristic features of two genera, with notes on its systematic relationships. - Syst. Appl. Acarol. 26,3: 624-640

Bayartogtokh, B. / Ermilov, S.G. (2021): A new genus of Cepheidae and reassessment of the family (Acari: Oribatida). - Syst. Appl. Acarol. 26,7: 1198-1212

Bizin, M.S. / Borisenko, G.V. / Makarova, O.L. (2021): Impact of environmental factors on the formation of soil-mite (Acari) assemblages on coastal marshes of Shokalsky Island, Kara Sea. - Contemp. Probl. Ecol. 14,2: 112-127 published in Sibirskii Ekol. Zh. 2021 (2): 144-161 [Orig. Russ.]

Bluhm, S.L. / Eitzinger, B. / Bluhm, C. / Ferlian, O. / Heidemann, K. / Ciobanu, M. / Maraun, M. / Scheu, S. (2021): The impact of root-derived resources on forest soil invertebrates depends on body size and trophic position. - Front. For. Glob. Change 4: 622370; 13 pp.; DOI: 10.3389/ffgc.2021.622370

Buchkowski, R.W. / Lindo, Z. (2021): Stoichiometric and structural uncertainty in soil food web models. - Funct. Ecol. 35,1: 288-300

Ermilov, S.G. (2021): New taxonomic and ontogenetic data on oribatid mites of the genus *Eutegaeus* (Acari, Oribatida, Eutegaeidae). - Syst. Appl. Acarol. 26,1: 272-288

Ermilov, S.G. (2021): Taxonomic notes on Malaconothridae (Acari, Oribatida) associated with water hyacinth in Egypt. - Zootaxa 4949 (3): 589-590

Ermilov, S.G. / Bakowski, M. (2021): Three new species of oribatid mites (Acari, Oribatida) from Mozambique. - Syst. Appl. Acarol. 26,5: 885-901

Ermilov, S.G. / Bakowski, M. (2021): A new species of *Galumnella* (Acari, Oribatida, Galumnellidae) from Mozambique. - Zootaxa 5006 (1): 37-44

Ermilov, S.G. / Frolov, A.V. (2021): New data on oribatid mites (Acari, Oribatida) phoretic on passalid beetles (Coleoptera, Passalidae) from the Afrotropical and Oriental regions, with descriptions of three new species from Congo, Gabon and Ghana. - Syst. Appl. Acarol. 26,4: 769-787

Ermilov, S.G. / Hugo-Coetzee, E. / Behan-Pelletier, V.M. (2021): *Hogsbackia africaensis* gen. nov., sp. nov. (Acari, Oribatida, Ceratozetoidea, Punctoribatidae), from Afromontane forest of South Africa. - Zootaxa 4963 (3): 530-544

Ermilov, S.G. / Hugo-Coetzee, E. / Khaustov, A.A. / Khaustov, V.A. (2021): New faunistic and taxonomic data on oribatid mites (Acari, Oribatida) inhabiting soil and termite nests in the Golden Gate Highlands National Park (eastern South Africa). - Intern. J. Acarol. 47,2: 152-158

Ermilov, S.G. / Hugo-Coetzee, E.A. / Khaustov, A.A. (2021): *Malgacheliodes martensi* spec. nov. (Acari, Oribatida, Licnodamaeidae) from South Africa. - Zootaxa 4984 (1): 357-367

Ermilov, S.G. / Hugo-Coetzee, E.A. / Khaustov, A.A. (2021): A new species of *Scheloribates* (Acari, Oribatida, Scheloribatidae) from South Africa. - Ecol. Mont. 39: 86-91

Ermilov, S.G. / Hugo-Coetzee, E.A. / Khaustov, A.A. (2021): Three new species of oribatid mites of the family Galumnidae (Acari, Oribatida) from South Africa. - Zootaxa 4920 (1): 91-100

Ermilov, S.G. / Hugo-Coetzee, E.A. / Khaustov, A.A. (2021): A new species of *Scheloribates* (Acari, Oribatida, Scheloribatidae) from South Africa. - Ecol. Mont. 39: 86-91

Ermilov, S.G. / Hugo-Coetzee, E.A. / Khaustov, A.A. / Khaustov, V.A. (2021): New species of oribatid mites of the subfamily Brachioppiinae (Acari, Oribatida, Oppiidae) from Hogsback, South Africa. - Syst. Appl. Acarol. 26,4: 684-697

Ermilov, S.G. / Hugo-Coetzee, E.A. / Khaustov, A.A. / Khaustov, V.A. (2021): New faunstic data on oribatid mites (Acari, Oribatida) inhabiting the spiol and termite nests in the Franklin Game Reserve, Bloemfontein, South Africa. - Zool. Zh. 100,4: 374-384

Ermilov, S.G. / Kalúz, S. (2021): Two new species of

oribatid mites (Acari, Oribatida) from Malaysia. - Zool. Zh. 100,2: 170-185

Ermilov, S.G. / Kontschán, J. (2021): Revision of the oribatid mite genus *Mucrobates* Balogh & Mahunka, 1979 (Acari, Oribatida, Scheloribatidae). - Syst. Appl. Acarol. 26,3: 577-587

Ermilov, S.G. / Liao, J.-R. (2021): Descriptions of two new species of oribatid mites (Acari: Oribatida) from Taroko National Park, Taiwan. - Intern. J. Acarol. 47,1: 61-69

Ermilov, S.G. / Liao, J.-R. (2021): New faunistical and taxonomic data on oribatid mites (Acari: Oribatida) of Taiwan. - Acarologia 61,2: 297-320

Ermilov, S.G. / OConnor, B.M. (2021): New species of *Monoscheloribates* Balogh et Mahunka 1969 and *Multoribates* Hammer 1961 (Acari, Oribatida, Scheloribatidae), phoretic on passalid beetles from the neotropical region. - Zool. Zh. 100,6: 618-626

Ermilov, S.G. / Starý, J. (2021): Taxonomic contribution to the knowledge of the oribatid mite genus *Neoribates* (Acari, Oribatida, Parakalummidae). - Acarina 29,1: 3-9

Ermilov, S.G. / Starý, J. (2021): Taxonomic contribution to the knowledge of *Galumna* (Acari, Oribatida, Galumnidae) of the neotropical region: description of a new species from Bolivia and a key to known species of the genus. - Acarina 29,1: 105-114

Ermilov, S.G. / Starý, J. (2021): A new species of *Pergalumna* (Acari, Oribatida, Galumnidae) from Bolivia, with updated identification key to known species of the genus from the Neotropical region. - Syst. Appl. Acarol. 26,6: 1097-1108

Ermilov, S.G. / Starý, J. (2021): New faunistical and taxonomic data on oribatid mites of the superfamily Plateremaeoidea (Acari, Oribatida) of Bolivia. - Syst. Appl. Acarol. 26,7: 1361-1373

Ermilov, S.G. / Subias, L.S. / Shtanchaeva, U.Y. / Friedrich, S. (2021): New faunistical and taxonomic data on oribatid mites (Acari: Oribatida) of Ethiopia, with description of two new species of the superfamily Oripodoidea. - Acarologia 61,3: 591-601

Fernandez, D.A. / Martinez, P.A. / Palazzesi, L. / Barreda, V.D. (2021): Mites (Acari, Oribatida, Nanhermannidae) from eocene of Patagonia: first southern hemisphere fossil record in marine sediments. - Ameghiniana 58,1: 61-65

Fujii, S. / Shimado, T. / Nakamura, S. / Makino, S. / Okabe, K. (2021): Soil fauna community assembled in the abandoned nests of Japanese wood mice. - J. Acarol. Soc. Jpn. 30,1: 1-4

Gdula, A.K. / Konwerski, S. / Olejniczak, I. / Rutkowski, T. / Skubała, P. / Zawija, B. / Gwiazdowicz, D.J (2021): The role of bracket fungi in creating alpha diversity of invertebrates in the Białowieża National Park, Poland. - Ecol. Evol. 11: 6456-6470

Gdula, A.K. / Skubała, P. / Zawieja, B. / Gwiazdowicz, D.J. (2021): Mite communities (Acari: Mesostigmata, Oribatida) in the red belt conk, *Fomitopsis pinicola* (Polyporales), in Polish forests. - Exp. Appl. Acarol. 84,3: 543-564

Gongalsky, K.B. / Zaitsev, A.S. / Korobushkin, D.I. / Saifutdinov, R.A. / Butenko, K.O. / De Vries, F.T. / Ekschmitt, K. et al. (2021): Forest fire induces short-term shifts in soil food webs with consequences for carbon cycling. - Ecol. Lett. 24: 438-450

Heydari, M. / Eslaminejad, P. / Kakhki, F.V. / Mirab-Balou, M. / Omidipour, R. / Zema, D.A. / Ma, C. / Lucas-Borja, M.E. (2021): Spatio-temporal heterogeneity differently drives the diversity of various trophic guilds of mesofauna in semi-arid oak forests. - Trees 35: 171-187

John, K. / Zaitsev, A.S. / Wolters, V. (2021):* Soil fauna groups respond differentially to changes in crop rotation cycles in rice production systems. - Pedobiologia 84: 150703; DOI: 10.1016/j.pedobi.2020.150703

Kerschbaumer, M. / Pfingstl, T. (2021): Testing for phylogenetic signal in claws suggests great influence of ecology on Caribbean intertidal arthropods (Acari, Oribatida). - Scient. Rep. 11: 4398; 12 pp.; DOI: 10.1038/s41598-021-83747-3

Kokorova, P. / Zurovcová, M. / L'uptácik, P. / Starý, J. (2021): Distinct phylogeographic patterns in populations of two oribatid mite species from the genus *Pantelozetes* (Acari, Oribatida, Thyrisomidae) in Central Europe. - Exp. Appl. Acarol. 83,4: 493-511

Konecka, E. / Olszanowski, Z. (2021): *Wolbachia* supergroup E found in *Hypochthonius rufulus* (Acari:

Oribatida) in Poland. - Infect. Genet. Evol. 91: 104829, 6 pp.; DOI: 10.1016/j.meegid.2021.104829

Krause, A. / Sandmann, D. / Potapov, A. / Ermilov, S. / Widyastuti, R. / Handeda, N.F. / Scheu, S. / Maraun, M. (2021): Variation in community-level trophic niches of soil microarthropods with conversion of tropical rainforest into plantation systems as indicated by stable isotopes (15N, 13C). - Front. Ecol. Evol. 9: 592149; 10 pp.; DOI: 10.3389/fevo.2021.592149

Lamos, R.A. (2021): Some remarkable Oribatida (Acari) new to the fauna of Baden-Württemberg. - Carolinea 78 (2020): 129-134

Liu, C.-L. / Wan, Z.-X. / Liu, K. / Lan, H.-J. / Zhou, C. / Yan, Y. / Xie, L. (2021): New findings of the subgenus *Bischeloribates* of *Scheloribates* (Acari, Oribatida, Scheloribatidae) from China. - Syst. Appl. Acarol. 26,5: 841-851

Liu, D. (2021): New species of the subgenus *Hoplophorella* (Oribatida, Steganacaridae, *Atropacarus*) from South China. - Intern. J. Acarol. 47,2: 89-94

Liu, W. / Liao, L.Q. / Liu, Y.Q. / Wang, Q. / Murray, P.J. / Jiang, X.R. / Zou, G.W. / Cai, J.H. / Zhao, X.M (2021): Effects of *Phyllostachys pubescens* expansion on underground soil fauna community and soil food web in a *Cryptomeria japonica* plantation, Lushan Mountain, subtropical China. - J. Soils Sediments 21: 2212-2227

Manzo, R.M. / Dadamia, M.M. / Rizzuto, S. (2021): New records of oribatid mites (Acari: Oribatida) from a Patagonian forest affected by wildfire in Argentina. - Rev. Mex. Biodivers. 92: e 923468; 9 pp.; DOI: 10.22201/ib.20078706e.2021.92.3468

Miko, L. / Ermilov, S.G. (2021): *Parabelbella (Paradyobelba) elchacoensis* subgen. nov., sp. nov. (Acari, Oribatida, Damaeidae), an unusual representative of the genus from Ecuador. - Syst. Appl. Acarol. 26,3: 599-609

Nae, I. / Nae, A. / Scheu, S. / Maraun, M. (2021): Oribatid mite communities in mountain scree: stable isotopes (15N, 13C) reveal three trophic levels of exclusively sexual species. - Exp. Appl. Acarol. 83,3: 375–386

Napierała, A. / Maziarz, M. / Hebda, G. / Broughton, R.K. / Rutkowski, T. / Zacharyasiewicz, M. / Błoszyk, J. (2021): Lack of specialist nidicoles as a characteristic of mite assemblages inhabiting nests of the ground-nesting wood warbler, *Phylloscopus sibilatrix* (Aves: Passeriformes). - Exp. Appl. Acarol. 84,1: 149-170

Niedbała, W. / Hugo-Coetzee, E.A. / Ermilov, S.G. (2021): New faunistical and taxonomic data on ptyctimous mites (Acari, Oribatida) of South Africa. - Syst. Appl. Acarol. 26,7: 1327-1349

Oszust, M. / Klimaszyk, P. / Jagiello, A. (2021): The first report of *Xenillus salamoni* Mahunka 1996 (Acari: Oribatida) in Poland, with the key to European *Xenillus*. - Acarologia 61,1: 148-153

Pachl, P. / Uusitalo, M. / Scheu, S. / Schaefer, I. / Maraun, M. (2021): Repeated convergent evolution of parthenogenesis in Acariformes (Acari). - Ecol. Evol. 11,1: 321-337

Palacios-Vargas, J.G. / Ortega, C. / Iglesias, R. (2021): Una especie nueva de *Protobelba* (Acari: Oribatei, Damaeidae) de Costa Rica. - Rev. Mexic. Biodivers. 92: e923310; 7 pp.; DOI: 10.22201/ib.20078706e.2021.92.3310

Pearsons, K.A. / Tooker, J.F. (2021): Preventive insecticide use affects arthropod decomposers and decomposition in field crops. - Appl. Soil Ecol. 157: 103757; 10 pp.; DOI: 10.1016/j.apsoil.2020.103757

Peguero, G. / Folch, E. / Liu, L. / Ogaya, R. / Penuelas, J. (2021): Divergent effects of drought and nitrogen deposition on microbial and arthropod soil communities in a Mediterranean forest. - Eur. J. Soil Biol. 103: 103275; 9 pp.; DOI: 10.1016/j.ejsobi.2020.103275

Pequeno, P.A.C.L. / Franklin, E. / Norton, R.A. (2021): Modelling selection, drift, dispersal and their interactions in the community assembly of Amazonian soil mites. - Oecologia : 11 pp.; DOI: 10.1007/s00442-021-04954-3

Per, S. / Cubukcu, K. / Toluk, A. / Ayildiz, N. (2021): Contributions to the Turkish oribatid mite fauna (Acari: Oribatida) from Sakarya and Yozgat provinces. - Turk. J. Zool. 45: 70-78

Pfingstl, T. (2021): First comprehensive insights into the biogeography of the Caribbean intertidal oribatid mite fauna (Ameronothroidea) in Egypt. - Neotrop. Biodiv. 7,1: 102-110

Pfingstl, T. / Baumann, J. / Neethling, J.-A. / Bardel-Kahr, I. / Hugo-Coetzee, E.A. (2021): Distribution

patterns of intertidal oribatid mites (Acari, Oribatida) from South African shores and their relationship to temperature. - Afr. J. Marine Sci. 43,2: 215-225

Pfingstl, T. / Hiruta, S.F. / Nemoto, T. / Hagino, W. / Shimano, S. (2021): *Ameronothrus twitter* sp. nov. (Acari, Oribatida) a new coastal species of oribatid mite from Japan. - Spec. Divers. 26: 93-99

Pfingstl, T. / Lienhard, A. / Baumann, J. / Koblmüller, S. (2021): A taxonomist's nightmare - cryptic diversity in Caribbean intertidal arthropods (Arachnida, Acari, Oribatida). (with supplementary material 5 pp.) - Molec. Phylogen. Evol. 163: 107240; 19 pp.; DOI: 10.1016/j.ympev.2021.107240

Pfingstl, T. / Wagner, M. / Hiruta, S.F. / Bardel-Kahr, I. / Hagino, W. / Shimano, S. (2021): Geological and paleoclimatic events reflected in phylogeographic patterns of intertidal arthropods (Acari, Oribatida, Selenoribatidae) from southern Japanese islands. - J. Zool. Syst. Evol. Res. 59: 1273-1296

Rehman, H.U. / Poch, R.M. / Scarciglia, F. / Francis, M.L. (2021): A carbon-sink in a sacred forest: Biologically-driven calcite formation in highly weathered soils in Northern Togo (West Africa). - Catena 198: 105027; 15 pp.; DOI: 10.1016/j.catena.2020.105027

Ryabinin, N.A. / Ermilov, S.G. (2021): New faunistical data on oribatid mites of the family Damaeidae (Acari, Oribatida) from the Russian Far East. - Acarina 29,1: 23-34

Safeer Mohammed, P.P. / Ramani, N. (2021): A new species of the genus *Indoribates (Indoribates)* and three new records from Kerala, South India (Acari: Oribatida). - Syst. Appl. Acarol. 26,3: 588-598

Sanchez-Galindo, L.M. / Sandmann, D. / Marian, F. / Krashevska, V. / Maraun, M. / Scheu, S. (2021): Leaf litter identity rather than diversity shapes microbial functions and microarthropod abundance in tropical montane rainforests. - Ecol. Evol. 11,5: 2360-2374

Schatz, H. (2021): A new species of Brachychthoniidae (Acari: Oribatida) from the Eastern Central Alps (Austria, Tyrol), with the proposal of a new genus. - Acarologia 61,2: 365-379

Seniczak, A. / Seniczak, S. / Rodríguez-Fernández, S. / Ondono, F. (2021): Morphological ontogeny of *Galumna flagellata* Willmann (Acari: Oribatida, Galumnidae). - Intern. J. Acarol. 47,3: 199-217

Seniczak, S. / Ivan, O. / Kaczmarek, S. / Seniczak, A. (2021): Morphological ontogeny of *Eremobelba geographica* (Acari: Oribatida, Eremobelbidae), with comments on *Eremobelba* Berlese. - Syst. Appl. Acarol. 26,4: 749-768

Seniczak, S. / Ivan, O. / Kaczmarek, S. / Seniczak, A. (2021): Morphological ontogeny of *Ctenobelba pilosella* (Acari: Oribatida, Ctenobelbidae), with comments on *Ctenobelba* Balogh. - Syst. Appl. Acarol. 26,1: 240-259

Seniczak, S. / Ivan, O. / Marquardt, T. / Seniczak, A. (2021): Morphological ontogeny of *Oribatella reticulata* (Acari: Oribatida, Oribatellidae). - Intern. J. Acarol. 47,2: 126-136

Seniczak, S. / Kaczmarek, S. / Seniczak, A. (2021): Morphological ontogeny of *Proteremaeus oralensis* sp. nov. (Acari: Oribatida, Eremaeidae) from Kazakhstan, and comments on *Proteremaeus* Piffl. - Syst. Appl. Acarol. 26,5: 902-917

Subías, L.S. (2021): Listado sistemático, sinonímico y biogeográfico de los ácaros oribátidos (Acariformes: Oribatida) del mundo (excepto fósiles) (16a actualisación). (Originally publ. in Graellsia, 60 (número extraordinario): 3-305 (2004), actualized in March 2021). - http://bba.bioucm.es/cont/docs/RO_1: 1-532

Subías, L.S. / Ermilov, S.G. / Shtanchaeva, U.Y. / Rybalov, L.B. (2021): Additions to the oribatid mite fauna (Acari, Oribatida) of Ethiopia, with remarks on some species of Galumnidae. - Acarina 29,1: 11-16

Sullivan, G.T. / Ozman-Sullivan, S.K. (2021): Alarming evidence of widespread mite extinctions in the shadows of plant, insect and vertebrate extinctions. - Austral Ecol. 46: 163-176

Toluk, A. / Ayyildiz, N. (2021): Contribution to the knowledge of carabodid oribatid mites (Acari, Oribatida, Carabodidae) of Turkey, with ecological and zoogeographical remarks. - KSU J. Agric. Nat. 24,3: 650-662

Vanbergen, A.J. / Boissieres, C. / Gray, A. / Chapman, D.S. (2021): Habitat loss, predation pressure and episodic heat-shocks interact to impact arthropods and photosynthetic functioning of microecosystems. - Proc. Royal Soc. B - Biol. Sci. 288: 20210032; 10 pp.; DOI: 10.1098/rspb.2021.0032

Villagomez, F. / Palacio-Vargas, J.G. / Páez, J. (2021): A new species of *Notogalumna* from the canopy and another new edaphic species of *Galumnopsis* (Acari: Oribatida: Galumnoidea) from the tropical rainforest of Los Tuxtlas, Mexico. - Zootaxa 5020 (1): 171-183

Wehner, K. / Schuster, R. / Simons, N.K. / Norton, R.A. / Blüthgen, N. / Heethoff, M. (2021): How land-use intensity affects sexual and parthenogenetic oribatid mites in temperate forests and grasslands in Germany. - Exp. Appl. Acarol. 83,3: 343-373

Zhan, X.-B. / Chen, B. / Fang, Y. / Dong, F.-Y. / Fang, W.-X. / Luo, Q. / Chu, L.-M. / Feng, R. / Wang, Y. / Su, X. / Fang, Y. / Xu, J.-Y. / Zuo, Z.-T. et al. (2021): Mitochondrial analysis of oribatid mites provides insights into their atypical tRNA annotation, genome rearrangement and evolution. - Parasit. Vect. 14: 221; 14 pp.; DOI: 10.1186/s13071-021-04719-0

Zhang, Z.-Q. / Schatz, H. / Pfingstl, T. / Goldschmidt, T. / Martin, P. / Pesic, V. / Ramirez, M. / Schmidt, K.-H. / Fan, Q.H. / Mironov, S. / Seeman, O. / Halliday, B. (2021): Discovering and documenting Acari: the first twenty years in Zootaxa. - Zootaxa 4979 (1): 115-130

Zheng, Q.-F. / Liang, W.-Q. / Ren, G.-R. / Yang, M.-F. (2021): Two new and a newly recorded species of the genus *Pergalumna* (Acari, Oribatida, Galumnidae) from China. - Acarologia 61,1: 154-172

Publications 2020

Alvarez, M.F. / Levy, E. / Poch, R.M. / Osterrieth, M. (2020): Edaphic variables conditioning the habitat of oribatid mites in Luvic Phaeozems under forest plantations (Buenos Aires, Argentina). - Span. J. Soil Sci. 10,1: 16 pp.; DOI: 10.3232/SJSS.2020.V10.N1.01

Andrews, R.N. / Ruess, R.W. (2020): Microarthropod abundance and community structure along a chrono-sequence within the Tanana River floodplain, Alaska. - Ecoscience 27,4: 235-253

Ardestani,M.M./Keshavarz-Jamshidian,M./VanGestel, C.A.M. / Van Straalen, N.M. (2020): Avoidance tests with the oribatid mite *Oppia nitens* (Acari: Oribatida) in cadmium-spiked natural soils. - Exp. Appl. Acarol. 82,1: 81-93

Arun, A. / Ramani, N. (2020): Two remarkable new species of oribatid mites (Acari: Oribatida) from Acacia litter of Kerala, India. - Zootaxa 4877,3: 539-558

Badieritakis, E.G. / Fantinou, A.A. / Emmanouel, N.G. (2020): A qualitative and quantitative comparison of mite fauna between bifenthrin-treated and non-pesticide treated alfalfa hay fields in Central Greece. - Hellenic Plant Prot. J. 13: 29-41

Barreto, C. / Lindo, Z. (2020): Mites, beetle mites, or moss mites: The fantastic world of Oribatida. - Front. Young Minds 8: 545263; 8 pp.; DOI: 10.3389/frym.2020.545263

Barreto, C. / Rillig, M.C. / Lindo, Z. (2020): Addition of polyester in soil affects litter decomposition rates but not microarthropod communities. - Soil Organisms 92,2: 109-119

Barros, M.E.N. / Lima, D.B. / Mendes, J.A. / Gondim, M.G.C. / Melo, J.W. da Silva (2020): The establishment of an invasive pest mite, *Raoiella indica*, affects mite abundance and diversity on coconut plants. - Syst. Appl. Acarol. 25,5: 881-894

Bayartogtokh, B. / Shimano, S. (2020): Oribatid mites of the families Scheloribatidae and Oripodidae (Acari, Oribatida) from Babeldaob Island of Palau. - Ann. Zool. 70,3: 345-360

Błoszyk, J. / Napierała, A. (Eds.) (2020): Mites (Acari) of the Białowieża Primeval Forest. – Publ. House Kontekst Poznán: 1-116

Boeno, D. / Silva, R.F. / Almeida, H.S. / Rodrigues, A.C. / Vanzan, M. / Andreazza, R. (2020): Influence of eucalyptus development under soil fauna. - Braz. J. Biol. 80,2: 345-353

Brückner, A. / Kaltenpoth, M. / Heethoff, M. (2020): De novo biosynthesis of simple aromatic compounds by an arthropod (*Archegozetes longisetosus*). - Proc. Royal Soc. B 287: 20201429, 9 pp.; DOI: 10.1098/rspb.2020.1429

Buch, A.C. / Sautter, K.D. / Marques, E.D. / Silva-Filho, E.V. (2020): Ecotoxicological assessment after the world's largest tailing dam collapse (Fundao dam, Mariana, Brazil): effects on oribatid mites. - Environ. Geochem. Health 42: 3575-3595

Caruso, T. / Melecis, V. / Kagainis, U. / Bolger, T.

(2020): Population asynchrony alone does not explain stability in species-rich soil animal assemblages: The stabilizing role of forest age on oribatid mite communities. - J. Anim. Ecol. 89: 1520-1531

Corpuz-Raros, L. / Ermilov, S.G. (2020): Catalogue of oribatid mites (Acari: Oribatida) from Continental Southeast Asia. - Zootaxa 4893 (1): 1-216

Desurmont, G.A. / Bon, M.-C. / Kerdellant, E. / Guermache, F. / Pfingstl, T. / Tixier, M.-S. (2020): An integrative approach combining molecular analyses and experiments to investigate predation of insect eggs by a mite. - Ecosphere 11,3: e03065; 13 pp.; DOI: 10.1002/ecs2.3065

Ermilov, S.G. (2020): A new species of *Pseudotocepheus* Balogh, 1960 from Chile and a redescription of *Leptotocepheus sexidimorphus* (Vasiliu et Calugar, 1977) comb. n. from Cuba (Acari, Oribatida, Otocepheidae). - Zool. Zh. 99,12: 1375-1385

Ermilov, S.G. (2020): A new species of the subgenus *Scheloribates (Topobates)* (Acari: Oribatida, Scheloribatidae) from Panama. - Zoosystem. Ross. 29,2: 278-283

Ermilov, S.G. (2020): *Crassoribatula biobioensis* sp. nov. (Acari, Oribatida) from Chile, with transfer of the genus to Maudheimiidae (Ceratozetoidea). - Syst. Appl. Acarol. 25,12: 2235-2249

Ermilov, S.G. (2020): Two new species of oribatid mites (Acari, Oribatida) of the genus *Xenillus* Robineau-Desvoidy (Liacaridae) from Ecuador. - Zool. Zh. 99,2: 157-164

Ermilov, S.G. / Hugo-Coetzee, E.A. / Khaustov, A.A. (2020): A new species of oribatid mites of the subgenus *Lanceoppia (Bicristoppia)* (Acari: Oribatida, Oppiidae) from South Africa. - Zoosystem. Ross. 29,2: 328-334

Ermilov, S.G. / Hugo-Coetzee, E.A. / Khaustov, A.A. (2020): Contribution to the knowledge of the oribatid mite genus *Setoppia* (Acari, Oribatida, Oppiidae), with description of a new species from South Africa. - Acarologia 60,4: 892-902

Ermilov, S.G. / Hugo-Coetzee, E.A. / Khaustov, A.A. / Khaustov, V.A. (2020): Ontogenetic instars of *Phyllhermannia goldengatensis* sp. nov. (Acari, Oribatida, Hermanniidae) from South Africa. - Syst. Appl. Acarol. 25,11: 2115-2130

Ermilov, S.G. / Kalúz, S. (2020): New faunistic and taxonomic data on oribatid mites (Acari: Oribatida) of Malaysia. - Biologia 75: 1601-1611

Ermilov, S.G. / Khaustov, A.A. (2020): New faunistic and taxonomic data on oribatid mites (Acari: Oribatida) of Thailand. - Biologia 75,9: 1283-1288

Ermilov, S.G. / Khaustov, A.A. / Joharchi, O. (2020): Contributions to the study of oribatid mites (Acari, Oribatida) of Sri Lanka. - Zool. Zh. 99,8: 877-888

Ermilov, S.G. / Leong, C.M. (2020): New faunistic and taxonomic data on oribatid mites of southern China (Guangdong and Macao). - Spixiana 43,2: 177-188

Ermilov, S.G. / Liao, J.-R. (2020): A new species of the genus *Flagellozetes* Balogh, 1970 (Acari, Oribatida, Galumnidae) from Taiwan. - Far Eastern Entomol. 419: 9-17

Ermilov, S.G. / Liao, J.-R. (2020): Contribution to the knowledge of the oribatid mite genus *Perxylobates* (Acari, Oribatida, Haplozetidae). - Acarologia 60,3: 612-621

Ermilov, S.G. / Liao, J.-R. (2020): Contribution to the knowledge of oribatid mites of the genus *Phyllhermannia* (Acari, Oribatida, Hermanniidae) in Taiwan. - Syst. Appl. Acarol. 25,10: 1924-1934

Ermilov, S.G. / Liao, J.-R. (2020): Taxonomic study of *Setoxylobates* (Acari, Oribatida, Haplozetidae) and some related taxa. - Syst. Appl. Acarol. 25,8: 1516-1525

Ermilov, S.G. / Liao, J.-R. / Gubin, A.A. (2020): First record of the oribatid genus *Epidamaeus* (Acari, Oribatida, Damaeidae) from Taiwan. - Acarina 28,2: 115-122

Ermilov, S.G. / Mary, N.J. (2020): A contribution to the knowledge of oribatid mites (Acari, Oribatida) of New Caledonia. - Zool. Zh. 99,4: 405-412

Ermilov, S.G. / Miko, L. (2020): Redescription of *Damaeus (Eudamaeus) pomboi* Pérez-Iñigo, 1987 on the basis of type material. - Spixiana 43,2: 189-202

Ermilov, S.G. / N'Dri, J. (2020): New faunistic and taxonomic data on oribatid mites (Acari: Oribatida)

of Côte d'Ivoire. - Ann. Zool. 70,3: 371-380

Ermilov, S.G. / OConnor, B.M. (2020): Two new species of insect phoretic *Siculobata (Paraleius)* (Acari, Oribatida, Scheloribatidae) from U.S.A. and Trinidad. - Acta Zool. Acad. Scient. Hung. 66,4: 329-343

Ermilov, S.G. / Ryabinin, N.A. (2020): A new species of the genus *Eueremaeus* Mihelcic, 1963 (Acari, Oribatida, Eremaeidae) from the Russian Far East. - Far Eastern Entomol. 409: 14-20

Ermilov, S.G. / Ryabinin, N.A. (2020): *Kunstidamaeus ladislavmikoi* sp. nov. (Acari: Oribatida, Damaeidae) from Russia, with supplementary description of *Kunstidamaeus bacillum* (Kulczynski, 1926) comb. nov.. - Intern. J. Acarol. 46,5: 287-297

Ermilov, S.G. / Ryabinin, N.A. (2020): *Spatiodamaeus ziemowiti* sp. nov. (Acari: Oribatida, Damaeidae) from Russia. - Ann. Zool. 70,3: 311-316

Ermilov, S.G. / Ryabinin, N.A. (2020): Contribution to the knowledge of *Parabelbella* (Acari, Oribatida, Damaeidae): description of two new species from Russia and the U.S.A., redescription of *P. inaequipes* (Banks, 1947) and a key to known species. - Zootaxa 4860 (3): 352-374

Ermilov, S.G. / Starý, J. (2020): A new species of *Erioppia* with remarks on Oppiidae (Acari: Oribatida) from Andasibe-Mantadia National Park, Madagascar. - Intern. J. Acarol. 46,6: 446-451

Ermilov, S.G. / Starý, J. (2020): A new species of the genus *Pilobates* (Acari, Oribatida, Haplozetidae) from Madagascar. - Acarina 28,2: 123-128

Ermilov, S.G. / Starý, J. (2020): New species and records of Oppiidae (Acari, Oribatida) from the Montagne d'Ambre National Park (Madagascar). - Syst. Appl. Acarol. 25,4: 697-706

Ermilov, S.G. / Starý, J. (2020): New species of oribatid mites of the genera *Indoribates* and *Protoribates* (Acari, Oribatida, Haplozetidae) from Madagascar. - Ann. Zool. 70,3: 361-369

Ermilov, S.G. / Starý, J. (2020): Two new species of *Galumna* (Acari, Oribatida) from Andasibe - Mantadia National Park, Madagascar. - Syst. Appl. Acarol. 25,8: 1384-1394

Fajana, H.O. / Jegede, O.O. / James, K. / Hogan, N.S. / Siciliano, S.D. (2020): Uptake, toxicity, and maternal transfer of cadmium in the oribatid soil mite, *Oppia nitens*: Implication in the risk assessment of cadmium to soil invertebrates. - Environ. Pollution 259: 113912; 9 pp.; DOI: 10.1016/j.envpol.2020.113912

Fan, Q.-H. / Dayal, S.S. / Fong, H.M. / Rakuita, P. / Ram, J.A. (2020): A contribution to the fauna of mites (Acari) in Fiji. - Syst. Appl. Acarol. 25,8: 1444-1460

Ghosh, T.C. (2020): Ecologic study of soil oribatid mite, *Scheloribates rectus* (Acari) in high altitude Botanical Garden of Darjeeling Himalayas, India. - Biologia 75,9: 1289-1295

Guo, Y. / Siepel, H. (2020): Monitoring microarthropods assemblages along a pH gradient in a forest soil over a 60 years' time period. - Appl. Sci. 10: 8282; 13 pp.; DOI: 10.3390/app10228202

Hörandl, E. / Bast, J. / Brandt, A. / Scheu, S. / Bleidorn, C. / Cordellier, M. / Nowrousian, M. / Begerow, D. / Sturm, A. / Verhoeven, K. / Boenigk, J. / Friedl, T. / Dunthorn M. (2020): Chapter 7. Genome evolution of asexual organisms and the paradox of sex in eukaryotes. In: Pontarotti, P.P. (Ed.): Evolutionary Biology - a Transdisciplinary Approach. - Springer Intern. Publ.: 133-167

Klimek, A. / Rolbiecki, S. / Rolbiecki, R. / Gackowski, G. / Stachowski, P. / Jagosz, B. (2020): The use of wood chips for revitalization of degraded forest soil on young scots pine plantation. - Forests 11: 683, 13 pp.; doi:10.3390/f11060683

Konecka, E. / Olszanowski, Z. / Jagiello, A. (2020): First report of Wolbachia in *Damaeus onustus* (Acari: Oribatida). - Annls. Microbiol. 70: 35; 5 pp.; DOI: 10.1186/s13213-020-01581-w

Krumpálová, Z. / Stipcáková, L. / Petrovicová, K. / L'uptácik, P. (2020):* Influence of plants on soil mites (Acari, Oribatida) in gardens. - Acta Fytotechn. Zootechn. 23,2: 94-101

Lebedeva, N.V. / Taskaeva, A.A. / Melekhina, E.N. / Zazovskaya, E.P (2020): Invertebrates in the gradient of different age soils under a birdcliff at the Grønfjord Area (Svalbard, Arctic). [Orig. Russ.] - Caucasian Entomol. Bull. 16,2: 283-294

Leonov, V.D. (2020): The first report on the oribatid

mites (Acari: Oribatida) in tundra of the Chunatundra Mountains on the Kola Peninsula, Russia. - Acarologia 60,4: 722-734

Lindo, Z. (2020): Transoceanic dispersal of terrestrial species by debris rafting. - Ecography 43: 1364-1372

Liu, D. (2020): *Arphthicarus olszanowskii* sp. nov. (Acari, Oribatida, Steganacaridae) from Tibet, China with a key to known species of *Arphthicarus* from the palaearctic and oriental regions. - Ann. Zool. 70,3: 327-331

Long, Q. / Wang, R. / Xu, H. / Cao, G. / Shen, C. / Ruan, H. (2020): Effects of biogas slurry and biochar on oribatida density in poplar plantation. [Orig. Chin.] - J. Nanjing For. Univ. (Nat. Sci. Edit.) 44,3: 211-215

Lotfollahia, P. / Movahedzadeh, E. / Azimi, S. (2020): Evaluating the diversity of oribatida mites affected by several cropping systems and soil types. - J. Agric. Sci. Sust. Prod. 30,3: 215-203

Malloch, B. / Tatsumi, S. / Seibold, S. / Cadotte, M.W. / Maclvor, J.S. (2020): Urbanization and plant invasion alter the structure of litter microarthropod communities. - J. Anim. Ecol. 89: 2496-2507

Manzo, R.M. / Rizzuto, S. (2020): Oribatid mites (Acari: Oribatida) associated with the decomposition of the *Nothofagus pumilio* from Chubut province. [Orig. Span.] - Rev. Soc. Entomol. Argent. 79,2: 14-19

Marian, F. / Ramírez Castillo, P. / Iniguez Armijos, C. / Günter, S. / Maraun, M. / Scheu, S. (2020): Conversion of Andean montane forests into plantations: Effects on soil characteristics, microorganisms, and microarthropods. - Biotropica 52,6: 1142-1154

Meehan, M.L. / Barreto, C. / Turnbull, M.S. / Bradley, R.L. / Bellenger, J.-P. / Darnajoux, R. / Lindo, Z. (2020): Response of soil fauna to simulated global change factors depends on ambient climate conditions. - Pedobiologia 83: 150672; 9 pp.; DOI: 10.1016/j.pedobi.2020.150672

Melekhina, E.N. (2020): Analysis of oribatid fauna of the East European Tundra with first reported data of Subpolar Urals. - Diversity 12,6: 235; 19 pp.; doi:10.3390/d12060235

Melekhina, E.N. (2020): Oribatid mites as inhabitants of lichens in the Taiga zone of Northeastern Europe: biotopic association and ecological groups of species. - Biology Bull. 47: 522-534

Mendoza-Roldana, J. / Rocha Ribeiro, S. / Castilho-Onofrio, V. / Gobbi Grazziotin, F. / Rocha, B. et al. (2020): Mites and ticks of reptiles and amphibians in Brazil. - Acta Tropica 208: 105515; 16 pp.; DOI: 10.1016/j.actatropica.2020.105515

Merkel, C. / Heethoff, M. / Brückner, A. (2020): Temperature affects chemical defense in a mite-beetle predator-prey system. - J. Chem. Ecol. 46: 947-955; DOI: 10.1007/s10886-020-01212-3

Mirzaei-Pashami, M. / Saboori, A. / Nozari, J. / Afsahi, K. (2020): Relative abundance of oribatid mites (Sarcoptiformes: Oribatida) in two tillage systems of irrigated and rain-fed wheat farms of Khodabandeh County, Iran. - Persian J. Acarol. 9,4: 341-352

Moitra, M.N. / Banerjee, S. / Sanyal, A.K. (2020): Impact of heavy metals and other edaphic factors on oribatid population at a forest floor in an urban area. - Environ. Ecol. 38,1: 46-55

Mumcuoglu, K.Y. / Sukenik, N. / Bar-Oz, G. (2020): *Polyplax brachyrrhyncha* (Anoplura, Polyplacidae) and *Rhipicephalus turanicus* (Ixodidae, Rhipicephalinae) in an Ancient Louse Comb. - J. Med. Entomol. 57,4: 1021-1024

Murvanidze, M. / Cilbircioglu, C. / Özdemir, E. / Inak, E. (2020): Checklist of oribatid mites (Acari: Oribatida) of the Central Black Sea basin of Turkey with new records for the country. - Persian J. Acarol. 9,3: 255-277

Niedbała W. (2020): A new species of phthiracaroid mites (Acari: Oribatida) from Uganda. - Ann. Zool. 70,3: 317-319

Niedbała, W. / Błoszyk, J. / Gutowski, J.M. / Konwerski, S. / Napierała, A. (2020): A characteristic of communities of ptyctimous mites (Acari: Acariformes: Oribatida) in the Białowieża Primeval Forest, Central Europe. In: Błoszyk, J. / Napierała, A. (Eds.), Mites (Acari) of the Białowieża Primeval Forest. – Publ. House Kontekst Poznán: 61-88

Niedbała, W. / Buczkowska, K. (2020): Ptyctimous mites (Acari, Oribatida) of the Azores. - Syst. Appl. Acarol. 25,12: 2172-2189

Ojeda, M. / García, L. / Páez, J. / Palacios-Vargas, J.G. (2020): Nueva especie de ácaro del género *Phyllozetes*

Gordeeva, 1978 (Acari: Oribatida, Cosmochthoniidae) de Coahuila, México. - Dugesiana 27,2: 151-157

Oszust, M. / Olszanowski, Z. / Przymuszala, M. / Jagiello, A. (2020): Greenhouses - urban biodiversity hotspot of alien Oribatida (Acari) species. - Frag. Faun. 63,1: 1-10

Pacek, S. / Seniczak, S. / Graczyk, R. / Chachaj, B. / Seniczak, A. (2020): Seasonal dynamics of mites (Acari) in pastures and meadows in Poland, with species analysis of Oribatida. - Acarologia 60,4: 668-683

Pan, X. / Liu, D. (2020): Contribution to the knowledge of the oribatid mite subgenus *Galumna (Neogalumna)* (Acari, Oribatida, Galumnidae) with description of a new species from Inner Mongolia, Northeast China. - Syst. Appl. Acarol. 25,11: 1935-1947

Pequeno, P.A.C.L. / Franklin, E. / Norton, R.A. (2020): Microgeographic morphophysiological divergence in an Amazonian soil mite. - Evol. Biol. 48: 160-169

Pfingstl, T. / De la Paz, J.C. / Hernández-Teixidor, D. (2020): First record of intertidal oribatid mites (Acari, Oribatida) from the Canaries - a new species and its complete ontogeny. - Syst. Appl. Acarol. 25,10: 1901-1914

Pontarotti, P.P. (Ed.) (2020):* Evolutionary Biology - a Transdisciplinary Approach. - Springer Intern. Publ.: 391 pp.

Ross, G.M. / Horn, S. / Macdonald, C.A. / Powell, J.R. / Reynolds, J.K. / Ryan, M.M. / Cook, J.M. / Nielsen, U.N. (2020): Metabarcoding mites: Three years of elevated CO2 has no effect on oribatid assemblages in a *Eucalyptus* woodland. - Pedobiologia 81-82: 150667; 8 pp.; DOI: 10.1016/j.pedobi.2020.150667

Roy, S. / Ahmed, R. / Sanyal, A.K. / Babu, A. / Bora, D. / Rahman, A. / Handique, G. (2020):* Biodiversity of soil arthropods with emphasis on oribatid mites in three different tea agro-ecosystem with three different agronomical practices in Assam, India. - Intern. J. Trop. Ins. Sci. 41: 1245-1254

Schäffer, S. / Koblmüller, S. (2020): Unexpected diversity in the host-generalist oribatid mite *Paraleius leontonychus* (Oribatida, Scheloribatidae) phoretic on Palearctic bark beetles. - PeerJ 8: e9710; 18 pp.; DOI 10.7717/peerj.9710

Schatz, H. (2020): Oribatid mites (Acari: Oribatida) from the Sella massif (Dolomites, Trentino, Italy) with description of *Trichoribates valeriae* n. sp. (Ceratozetidae). - Acarologia 60,4: 842-862

Schuppenhauer, M. (2020): Milben, die baden gehen. - Senckenberg Natur • Forschung • Museum 150,1-3: 23-25

Seniczak, A. / Seniczak, A. / Schwarzfeld, M.D. / Coulson, S.J. / Gwiazdowicz, D.J. (2020): Diversity and distribution of mites (Acari: Ixodida, Mesostigmata, Trombidiformes, Sarcoptiformes) in the Svalbard archipelago. - Diversity 12,9: 323; 31 pp.; DOI:10.3390/d12090323

Seniczak, A. / Seniczak, S. (2020): Diversity of oribatid mites (Acari: Oribatida) in the Svalbard archipelago: a historical overview. - Zootaxa 4834 (1): 41-65

Seniczak, S. / Ivan, O. / Kaczmarek, S. / Seniczak, A. (2020): Morphological ontogeny of *Lopheremaeus mirabilis* (Acari: Oribatida, Plateremaeidae), and comments on *Lopheremaeus* Paschoal. - Syst. Appl. Acarol. 25,12: 2147-2164

Seniczak, S. / Ivan, O. / Marquardt, T. / Seniczak, A. (2020): Morphological ontogeny of *Punctoribates astrachanicus* (Acari: Oribatida, Punctoribatidae), and comments on *Punctoribates* Berlese. In: Zhang, Z.-Q. / Fuangarworn, M. / Fan, Q.-F. / Yi, T.-C. (Eds.), Ontogeny and morphological diversity in immature mites (Part IV). - Zootaxa 4900 (1): 43-61

Seniczak, S. / Ivan, O. / Marquardt, T. / Seniczak, A. (2020): Morphological ontogeny of *Ctenobelba brevipilosa* (Acari: Oribatida: Ctenobelbidae). In: Zhang, Z.-Q. / Fuangarworn, M. / Fan, Q.-F. / Yi, T.-C. (Eds.), Ontogeny and morphological diversity in immature mites (Part IV). - Zootaxa 4900 (1): 20-42

Seniczak, S. / Ivan, O. / Marquardt, T. / Seniczak, A. (2020): Morphological ontogeny of *Oribatella hungarica* (Acari: Oribatida, Oribatellidae). In: Zhang, Z.-Q. / Fuangarworn, M. / Seeman, O. (Eds.), Ontogeny and morphological diversity in immature mites (Part III). - Zootaxa 4857 (1): 137-159

Seniczak, S. / Kowalski, J. / Kaczmarek, S. / Seniczak, A. (2020): Morphological ontogeny of *Amerus polonicus* (Acari: Oribatida: Ameridae), and comments on *Amerus* Berlese. - Syst. Appl. Acarol. 25,10: 1840-1856

Seniczak, S. / Seniczak, A. / Kaczmarek, S. / Marquardt,

T. / Sarsenova, B. (2020): Morphological ontogeny of *Liebstadia mongolica* (Acari: Oribatida, Scheloribatidae), with comments on *Liebstadia* Oudemans. In: Zhang, Z.-Q. / Fuangarworn, M. / Seeman, O. (Eds.), Ontogeny and morphological diversity in immature mites (Part III). - Zootaxa 4857 (1): 117-136

Seniczak, S. / Seniczak, A. / Kaczmarek, S. / Marquardt, T. / Sarsenova, B. (2020): Morphological ontogeny of *Zachvatkinibates latilamellatus* (Acari: Oribatida, Punctoribatidae), and comments on *Zachvatkinibates* Shaldybina. In: Zhang, Z.-Q. / Fuangarworn, M. / Seeman, O. (Eds.), Ontogeny and morphological diversity in immature mites (Part III). - Zootaxa 4857 (1): 97-116

Silva, R.T.L. da / Silva, V.L. da / Silva, D.E. / Do Nascimento, J.M. / Schüssler, M. / Spies, F.F. / Winter Berte, A.L. / Liva, G.L. da / Johann, L. / Ferla, J.J. / Freitas, E.M. de / Ferla, N.J. (2020): Bioecological aspects of mites associated with *Vitis vinifera* varieties in the state of Rio Grande Do Sul, Brazil. - Syst. Appl. Acarol. 25,9: 1618-1642

Sokolov, S.G. / Reshetnikov, A.N. (2020):* A checklist of parasites of non-native populations of the fish rotan *Perccottus glenii* (Odontobutidae): Communication II. - J. Appl. Ichthyol. 36,5: 568-603

Starý, J. (2020): Checklist of oribatid mites (Acari: Oribatida) in the Wigry National Park, North-East Poland. - Frag. Faun. 63,1: 11-28

Stilwell, J.D. / Langendam, A. / Mays, C. / Sutherland, L.J.M. / Arillo, A. / Bickel, D.J. / De Silva, W.T. / Pentland, A.H. / Roghi, G. / Price, G.D. / Cantrill, D.J. / Quinney, A. / Penalver, E. (2020): Amber from the Triassic to Paleogene of Australia and New Zealand as exceptional preservation of poorly known terrestrial ecosystems. - Scient. Rep., Nature 10: 5703; 11 pp.; DOI: 10.1038/s41598-020-62252-z

Su, X. / Fang, Y. / Xu, J.Y. / Fang, W.X. / Zhan, X.B. / Fang, Y. / Chu, L.M. / Feng, R. / Jin, Y.L. / Sun, E.T. (2020): The complete mitochondrial genome of the storage mite pest *Tyrophagus fanetzhangorum* (Acari: Acaridae). - Syst. Appl. Acarol. 25,9: 1693-1701

Subías, L.S. (2020): Adiciones al listado mundial de ácaros oribátidos (Acari, Oribatida) (15ª actualización). - Rev. Iber. Aracnol. 36: 3-12

Vu, Q.M. (2020): Oribatid mites (Acari, Oribatida) of Vietnam - species diversity and distribution characteristics. - HNUE J. Sci., Nat. Sci. 65,6: 136-180

Waldo, B. / Soto-Adames, F. / Crow, W. (2020): Nematicide effects on arthropods in bermudagrass. - Fla. Entomol. 103,4: 458-464

Zaitsev, A.S. / Ryabinin, N.A. / Tarasov, A.I. / Shakhab, S.V. (2020): Potential anthropogenic influence on oribatid mite communities in ancient to modern settlements of the Russian Far East. - Intern. J. Acarol. 46,5: 322-326

Zhang, Z.-Q. / Fuangarworn, M. / Fan, Q.-F. / Yi, T.-C. (Eds.) (2020): Ontogeny and morphological diversity in immature mites (Part IV). - Zootaxa 4900 (1): 1-200

Zhang, Z.-Q. / Fuangarworn, M. / Seeman, O. (Eds.) (2020): Ontogeny and morphological diversity in immature mites (Part III). - Zootaxa 4857 (1): 1-250

Zuev, A. / Heidemann, K. / Leonov, V. / Schaefer, I. / Scheu, S. / Tanasevitch, A. / Tiunov, A. / Tsurikov, S. / Potapov, A. (2020): Different groups of ground-dwelling spiders share similar trophic niches in temperate forests. - Ecol. Entomol. 45,6: 1346-1356

Publications, additions 2019

Baran, S. (2019):* Known and newly recorded Gymnodamaeid mites (Acari, Oribatida, Gymnodamaeidae) from Kizilcahamam, Turkey. - J. Anatol. Environ. Anim. Sci. 4,1: 7-10

Fajana, H.O. / Gainer, A. / Jegede, O.O. / Awuah, K.F. / Princz, J.I. / Owojori, O.J. / Siciliano, S.D. (2019): *Oppia nitens* C.L. Koch, 1836 (Acari: Oribatida): Current Status of its bionomics and relevance as a model invertebrate in soil ecotoxicology. - Environ. Toxic. Chem. 38,12: 2593-2613

Hu, Z. / Zhou, J. (2019): Progress in the taxonomic study of Nothridae. [Orig. Chin.] - J. Wenshan Univ. 32,3: 25-28

Ivan, O. (2019): Additions to the oribatid mites fauna (Acari, Sarcoptiformes, Oribatida) and their community structure in the Danube Delta Biosphere Reserve. - Lucr. Stiint., seria Agronomie 62,1: 73-78

Kulbachko, Y. / Didur, O. / Khromykh, N. / Pokhylenko, A. / Lykholat, T. / Levchenko, B. (2019): Morpho-

ecological structure of oribatid mite (Acariformes, Oribatida) communities in the forest litter of recultivated areas. - Biosyst. Divers. 27,4: 334-341

Liu, Y. / Wang, L. / He, R. / Chen, Y. / Xu, Z. / Tan, B. / Zhang, L. / Xiao, J. / Zhu, P. / Chen, L. / Guo, L. / Zhang, J. (2019): Higher soil fauna abundance accelerates litter carbon release across an alpine forest-tundra ecotone. - Scient. Rep., Nature 9: 10561; 12 pp.; DOI: 10.1038/s41598-019-47072-0

Lyani, A. / Francis, M.N. / Millicent, N. (2019): Effect of cropping systems on soil invertebrates diversity and abundance around Kakamega forest in Kenya. - Intern. J. Plant Anim. Environ. Sci. 9,4: 200-213

Matthews, J.V. / Telka, A. / Kuzmina, S.A. (2019): Late neogene insect and other invertebrate fossils from Alaska and Arctic / Subarctic Canada. - Invertebr. Zool. 16,2: 126-153

Pollierer, M.M. / Larsen, T. / Potapov, A. / Brückner, A. / Heethoff, M. / Dyckmans, J. / Scheu, S. (2019): Compound-specific isotope analysis of amino acids as a new tool to uncover trophic chains in soil food webs. - Ecol. Monogr. 89,4: e01384; 24 pp.; DOI: 10.1002/ecm.1384

Prasanthi, G. / Kumar, N.G. / Guru Pirasanna Pandi, G. / Basana Gowda, G. / Patil, N.K.B. (2019): Relative abundance of soil fauna in organic farming with soybean. - Indian J. Entomol. 81,4: 950-953

Prather, H.M. / Casanova-Katny, A. / Clements, A.F. / Chmielewski, M.W. / Balkan, M.A. / Shortlidge E.E. / Rosenstiel T.N. / Eppley, S.M. (2019): Species-specific effects of passive warming in an Antarctic moss system. - Royal Soc. Open Sci. 6: 190744; 13 pp.; DOI: 10.1098/rsos.190744

Vu, M.Q. / Lai, H.T. / Ha, M.T. (2019): Oribatid mite community (Acari, Oribatida) in the mangrove forest of the Cat Ba Biosphere Reserve, Northern Vietnam. - Compt. Rend. l'Acad. Bulg. Sci. (Biol.) 72,8: 1060-1068

Publications, additions 2018

Beron, P. (2018): Original Zoogeography of Arachnida. In Dumont, H.J. (Ed.): Monographiae Biologicae. - Springer Intern. Publ. AG 94: 1005 pp.

Cilbircioglu, C. / Cobanoglu, S. (2018): Oribatid mites (Acari: Cryptostigmata) from the weed plants of garlic growing planlations in Kastamonu. - Abstr. Ecology 2018 Intern.Symp., Kastamonu, 19-23 June 2018: 50

Gill, N.K. / Dhaliwal, A.K. (2018): Seasonal variation of allergenic acarofauna from the homes of allergic rhinitis and asthmatic patients. - J. Med. Entomol. 55,2: 262-268

Ha, T.M. / Vu, M.Q. (2018): Data on species composition and distribution of oribatid mites (Acari, Oribatida) in the tea (*Camellia sinensis*) plantation at Moc Chau Plateau, Son La Province. [Orig. Vietn.] - J. Nat. Sci. Technol., Vietn. Nat. Univ., Hanoi 34,2S: 16-28

Hussian, N.A.H. / El-Sharabasy, H.M. / AboGhalia, A.H. / Solimna, M.F.M. (2018): Mites inhabiting some fruit trees in Ismailia Governorate. - Egypt. Acad. J. Biol. Sci., A. Entomology 11,4: 73-81

Per, S. / Toluk, A. / Ayyildiz, N. (2018): A new record for the turkish oribatid mite (Acari) fauna from Yozgat Province: *Eremulus flagellifer* Berlese, 1908. - Abstr. Ecology 2018 Intern. Symp., Kastamonu, 19-23 June 2018: 701

Ren, G. / Yang, M. / Liang, W. / Xie, L. (2018): Two new species of the subgenus *Papillacarus* (Oribatida, Lohmanniidae, Papillacarus) from China. - Zootaxa 4462 (1): 100-114

Schäffer, S. / Stabentheiner, E. / Shimano, S. / Pfingstl, T. (2018): Leaving the tropics: The successful colonization of cold temperate regions by *Dolicheremaeus dorni* (Acari, Oribatida). - J. Zool. Syst. Evol. Res. 56,4: 505-518

Shimano, S. (2018): Why do mites and ticks have the most number of valid species in Arachnida? [Orig. Jpn.] - TAXA, Proc. Jpn. Soc. Syst. Zool. 44: 4-14

Shimano, S. (2018): The revised higher classification of Acari. [Orig. Jpn.] - J. Acarol. Soc. Jpn. 27,2: 51-68

Siegert, M.K. / Da Silva, G.L. / Toldi, M. / Johann, L. / Ferla, N.J. (2018): Assessment on abiotic factors and the presence of storage mites in an animal feed factory. - Syst. Appl. Acarol. 23,11: 2317-2330

Toluk, A. / Tüylek, H.E. (2018): Gustavioid oribatid mites (Acari) of Cat Forest (Sivas). - Abstr. Ecology 2018 Intern. Symp., Kastamonu, 19-23 June 2018: 834

Toluk, A. / Yanmaz, S.B. / Efe, Z.S. (2018): Oppioid oribatid mites (Acari) of Erciyes Mountain (Kayseri). - Abstr. Ecology Intern. 2018 Symposium, Kastamonu, 19-23 June 2018: 279

Urhan, R. / Aksu, B. (2018): An overview of soil mites (Acari) in Nazilli District Center, Aydın-Turkey. - Abstr. Ecology 2018 Intern. Symp., Kastamonu, 19-23 June 2018: 145

Yasa, M. / Baran, S. (2018):* Monthly variation of the oribatid mite genus *Eupterotegaeus* Berlese, 1916 collected from Kocaeli province of Turkey. - Res. J. Biol. Sci. 11,1: 8-10

Yassin, E.M.A. / Osman, S.A.A. / Rahouma, A.K.A. (2018): Occurrence of different mites associated with different cereals and legumes crops in different locations of Egypt. - Egypt. Acad. J. Biol. Sci., A. Entomology 11,4: 51-58

Publications, additions 2017

Alvarado-Rodriguez, O. / Rodriguez-Arrieta, A. / Retana-Salazar, A.P. (2017): Some ultrastructural details of the external morphology of the adult and deutonymph of *Allonothrus neotropicus* in Costa Rica. - Southw. Entomol. 42,3: 843-850

Baran, S. / Bilici, N. (2017): First record of *Ctenobelba (C.) pilosella* (Acari, Oribatida) from Turkey. - Abstr. Ecology 2017 Intern. Symp., Kayseri, 11-13 May 2017: 590

Bingül, M. / Dogan, S. / Ayyildiz, N. (2017): Two newly recorded species of oribatid mites (Acari, Oribatida) for the Turkish Fauna from the Erzincan Urban Center. - Abstr. Ecology 2017 Intern. Symp., Kayseri, 11-13 May 2017: 370

Birkhofer, K. / Gossner, M.M. / Diekötterm, T. / Drees, C. / Ferlian, O. / Maraun, M. / Scheu, S. et al. (2017):* Land-use type and intensity differentially filter traits in above- and below-ground arthropod communities. - J. Anim. Ecol. 86: 511-520

Ha, T.M. / Vu, Q.M. (2017): Species diversity of oribatid mites (Acari, Oribatida) and their role in the tea plantation soil ecosystem (*Camellia sinensis*) at hte Moc Chau Highland, Son la Province. [Orig. Vietn.] - Proc. 9th Vietn. Nat. Conf. Entomol., Hanoi, April 10-11, 2017: 916-925

Lai, T.H. / Vu, M.Q. / Nguyen, H.T. (2017): Soil microarthropod community (Oribatida, Collembola) structure and their changes according to the chemicals used in agricultural practice. [Orig. Vietn.] - Proc. 9th Vietn. Nat. Conf. Entomol., Hanoi, April 10-11, 2017: 459-465

Manu, M. / Onete, M. / Florescu, L. / Bodescu, F. / Iordache, V. (2017): Influence of heavy metal pollution on soil mite communities (Acari) in Romanian grasslands. - Northw. J. Zool. 13,2: 200-210

Mostafa, A.M. / Ibrahim, W.L.F. / Abou El-Nour, B.M. / Yassin, E.M.A. / Abou El-Einien, N.F.E. (2017): Occurrence of fungivorous mites in different habitats at Dakahlia Governorate. - Egypt. Acad. J. Biol. Sci., A. Entomology 10,5: 53-58

Susyal, B. / Bezci, T. / Baran, S. (2017): Second record of *Ceratoppia quadridentata* (Acari, Oribatida) from Turkey. - Abstr. Ecology 2017 Intern. Symp., Kayseri, 11-13 May 2017: 760

Suzuki, A.C. / Kagoshima, H. / Chilton, G. / Grothman, G.T. / Johansson, C. / Tsujimoto, M. (2017): Meiofaunal richness in highly acidic hot springs in Unzen-Amakusa National Park, Japan, including the first rediscovery attempt for Mesotardigrada. - Zool. Sci. 34: 11-17

Toluk, A. / Ayyildiz, N. (2017): New records of oribatid mites (Acari) from Bolu Province, Turkey. - Abstr. Ecology 2017 Intern. Symp., Kayseri, 11-13 May 2017: 245

Toluk, A. / Tasdemir, A. / Akin, A.T. / Ayyildiz, N. (2017): Known and unknown records of oribatid mites (Acari) from Mersin Province, Turkey. - Abstr. Ecology 2017 Intern. Symp., Kayseri, 11-13 May 2017: 217

Toluk, A. / Tasdemir, A. / Per, S. / Ayyildiz, N. (2017): New and known records of oribatid mites (Acari) from the Yedigöller National Park (Bolu, Turkey). - Plant Prot. Bull. 57,1: 49-56

Publications, additions 2016

Abdel-Azeim, N.A.I. / Abolmaaty, S.M. / Abdel-Azeim, M.A.I. / Yassin, E.M.A. (2016): Effect of different fertilization types on the population dynamics of

mites inhabiting soil underneath cotton plants in Giza Governorate, Egypt. - Egypt. Acad. J. Biolog. Sci., A. Entomology 9,2: 83-88

Baran, S. (2016): Second record of *Autogneta (Rhaphigneta) numidiana* (Grandjean, 1960) (Acari, Oribatida) from Turkey. - Proc. Intern. Conf. Eng. Natur. Sci., Sarajevo, 24-28 May 2016: 464-466

Baran, S. / Ayyildiz, N. (2016): Second record of *Eueremaeus oblongus* (Koch, 1835) (Acari, Oribatida) from Turkey. - Abstr. Intern. Conf. Biol. Sci., Konya, October 21-23, 2016: 154

Baran, S. / Bezci, T. (2016): First occurence of the genus *Micreremus* Berlese, 1908 (Acari: Oribatida) in Turkey. - Abstr. Intern. Conf. Biol. Sci., Konya, October 21-23, 2016: 150

Baran, S. / Sevimli, A. (2016): New locality records for the Turkish Oppiid mite fauna (Acari: Oribatida) from Şamlar Forest, İstanbul. - Abstr. Intern. Conf. Biol. Sci., Konya, October 21-23, 2016: 153

Baran, S. / Susyal, B. (2016): First record of *Platyliodes scaliger* (Koch, 1839) (Acari,Oribatida) from Turkey. - Abstr. Intern. Conf. Biol. Sci., Konya, October 21-23, 2016: 151

Bezci, T. / Altun, A. / Ayyildiz, N. (2016): Mountly variation and redescription of firstly recorded oribatid mite subspecies *Eremaeus hepaticus cordiformis* Grandjean, 1934 from Turkey. - Abstr. Intern. Conf. Biol. Sci., Konya, October 21-23, 2016: 152

Bluhm, C. (2016): Oribatid mite community structure and trophic ecology along a forest land-use gradient: effect of dead wood, time and root-trenching. - Ph. Thesis, G.-August-Univ. Göttingen: 143 pp.

Castano-Meneses, G. / Palacios-Vargas, J.G. / Zenon Cano-Santana, D.F. / García-Franco, J.G. / Rico-Gray, V. (2016): The role of arthropods in the growth of *Tillandsia violacea* (Bromeliaceae) in a Mexican temperate forest. - Amer. Midl. Nat. 175,2: 286-294

Massini, J.G. / Escapa, I.H. / Guido, D.M. / Channing, A. (2016): First glimpse of the silicified hot spring biota from a new Jurassic chert deposit in the Deseado Massif, Patagonia, Argentina. - Ameghiniana 53: 205-230

Nguyen, H.T. / Vu, M.Q. (2016): Soil oribatid mites (Acari, Oribatida) community structures as a bioindicators of the season climatic change in Cat Ba National Park, Hai Phòng City. [Orig. Vietn.] - J. Nat. Sci. Technol., Vietn. Nat. Univ., Hanoi 32,2S: 78-84

Siepel, H. / Cremers, H. / Vierbergen, B. (2016): Provisional checklist of the astigmatic mites of the Netherlands (Acari: Oribatida: Astigmatina). - Nederl. Faun. Meded. 47: 49-88

Vu, Q.M. / Dao, D.T. / Nguyen, H.T. / Nguyen, H.T. / Lai, T.H. / Ha, T.M. / Do, T.D. (2016): Systematic and zoogeographical characteristics of the oribatid mite fauna (Acari: Oribatida) of Vietnam. - J. Vietn. Environ. 8,3: 179-189

Wang, S. / Chen, H.Y.H. / Tan, Y. / Fan, H. / Ruan, H. (2016): Fertilizer regime impacts on abundance and diversity of soil fauna across a poplar plantation chronosequence in coastal Eastern China. - Scient. Rep., Nature 6: 20816; 10 pp.; DOI: 10.1038/srep20816

Nomina nova

The names of new taxa are listed here as far as we have received the papers. Their validity was not examined here. The authors of new combinations and new synonyms are written in [brackets].

Type-material information as follows:

Arcochthonius roynortoni Schatz, 2021 (Page: 367[1]) – TYPES: HT[2]♀ + 2 PT[2]♀ - SMNG[3]

1 – first page of the description

2 – holotype (HT), paratypes (PT) or syntypes (ST)

3 – abbreviations of the places of storage of new types, as far as they were cited in the publications

Abbreviations of the places of storage of new types

CHS - **C**ollection **H**einrich **S**chatz, Innsbruck, Austria

CNC - **C**anadian **N**ational **C**ollection of Insects, Arachnids and Nematodes, Ottawa, Canada

CUIC - **C**ornell **U**niversity **I**nsect **C**ollection, Ithaca, New York, USA

DATE - **D**epartment of **A**nimal **T**axonomy and **E**cology, Adam Mickiewicz University, Poznań, Poland

DPPSU - **D**epartment of **P**lant **P**rotection, College of Agriculture, **S**hiraz **U**niversity, Shiraz, Iran

DZUC - Acarology Collections, **D**epartment of **Z**oology, **U**niversity of **C**alicut, Kozhikode, Malappuram, Kerala, India

DZUL - **D**epartamento de **Z**oología de la **U**niversidad de La **L**aguna, Tenerife, Canary Islands, Spain

GPC - **G**uizhou **P**rovincial **C**enter for Disease Control and Prevention, Guiyang, Guizhou, China

GUGC - **G**uizhou **U**niversity, Institute of Entomology, **G**uiyang, Guizhou, **C**hina

IZSAS - **I**nstitute of **Z**oology, **S**lovak **A**cademy of **S**ciences, Bratislava, Slovakia

LESM - **L**aboratorio de **E**cología y **S**istemática de **M**icroartrópodos, Departamento de Ecología y Recursos Naturales, Universidad Nacional Autónoma de México, México City, México

NHMW - **N**atur**H**istorisches **M**useum, **W**ien, Austria

NIGA - **N**ortheast **I**nstitute of **G**eography and **A**groecology, Chinese Academy of Sciences, Changchun, China

NMB - **N**ational **M**useum **B**loemfontein, Bloemfontein, South Africa

NMNST - **N**ational **M**useum of **N**ature and **S**cience, **T**sukuba, Japan

NSMT - National Museum of Nature and Science (formely **N**ational **S**cience **M**useum), **T**okyo, Japan

NTU - **N**ational **T**aiwan **U**niversity, Department of Entomology, Taipei, Taiwan

SMNG - **S**enckenberg **M**useum für **N**aturkunde **G**örlitz, Görlitz, Germany

TSUMZ - **T**yumen **S**tate **U**niversity **M**useum of **Z**oology, Tyumen, Russia

UMMZ - **U**niversity of **M**ichigan, **M**useum of **Z**oology, Ann Arbor, USA

UNAM - **U**niversidad **N**acional **A**utónoma de **M**éxico, Instituto de Biología, México City, México

USDA - **U**nited **S**tates **D**epartment of **A**griculture, US National Museum Collection, Beltsville, USA

USNM - **U**nited **S**tates **N**ational **M**useum of Natural History, Washington, USA

UZI - **U**niversity of **Z**abol, College of Agriculture, Department of Plant Protection, Zabol, **I**ran

WGRC - **W**estern **G**hat **R**egional **C**entre, Zoological Survey of India, Kozhikode, Kerala, India

ZISP - **Z**oological **I**nstitute of the Russian Academy of Sciences, **S**aint **P**etersburg, Russia

ZMUB - **Z**oological **M**useum, **U**niversity **B**ergen, Bergen, Norway

ZSM - Zoologische Staatssammlungen, München, Germany

New species

Aleurodamaeus murombodziensis Ermilov, 2021 (Page: 890) – TYPES: HT♀ - SMNG, 4 PT♂ + 5 PT♀ - TSUMZ

Allonothrus malgorzatae Ermilov & Bakowski, 2021 (Page: 886) – TYPES: HT♀ - SMNG, 10 PT♀ - TSUMZ

Ameronothrus twitter Pfingstl & Shimano, 2021 (Page: 94) – TYPES: HT♀ + 2 PT♂ + 2 PT♀ - NSMT, 2 PT - SMNG

Arcochthonius roynortoni Schatz, 2021 (Page: 367) – TYPES: HT♀ + 2 PT♀ - SMNG

Arcoppia malaysiaensis Ermilov & Kalúz, 2020 (Page: 1602) – TYPES: HT♀ - IZSAS, 4 PT♂ + 10 PT♀ - TSUMZ

Arphthicarus olszanowskii Liu, 2020 (Page: 328) – TYPES: HT + PT - NIGA

Atropacarus (Hoplophorella) bacillisetus Liu, 2021 (Page: 89) – TYPES: HT + 2 PT - NIGA

Atropacarus (Hoplophorella) longicarinatus Liu, 2021 (Page: 91) – TYPES: HT + 2 PT - NIGA

Brachioppia bituberculata Ermilov, Hugo-Coetzee & Khaustov, 2021 (Page: 686) – TYPES: HT♀ - NMB, 2 PT♀ - TSUMZ

Crassoribatula biobioensis Ermilov, 2020 (Page: 2237) – TYPES: HT♀ - USNM, PT - SMNG, 10 PT - TSUMZ

Epidamaeus saviah Ermilov, 2020 (Page: 116) – TYPES: HT♂ - NTU, 6 PT♂ + 3 PT♀ - TSUMZ

Erioppia corpuzrarosae Ermilov & Stary, 2020 (Page: 448) – TYPES: HT♀ - SMNG, 7 PT♂ + 9 PT♀ - TSUMZ

Eueremaeus badzhalensis Ermilov & Ryabinin, 2020 (Page: 15) – TYPES: HT♀ - SMNG, 9 PT♀ - TSUMZ

Eurhynchoribates jendeki Ermilov & Kalúz, 2021 (Page: 171) – TYPES: HT♂ - IZSAS, 2 PT♂ + 2 PT♀ - TSUMZ

Euscheloribates olszanowskii Bayartogtokh & Shimano, 2020 (Page: 346) – TYPES: HT♂ + PT♂ - NMNST

Eutegaeus aysenensis Ermilov, 2021 (Page: 273) – TYPES: HT♂ - SMNG, 3 PT♂ + PT♀ - TSUMZ

Eutegaeus queulatensis Ermilov, 2021 (Page: 281) – TYPES: HT♂ - SMNG, 2 PT♂ + PT♀ - TSUMZ

Exoripoda olszanowskii Ermilov, 2020 (Page: 377) – TYPES: HT♀ - SMNG, PT♀ - TSUMZ

Flagellozetes (Cosmogalumna) sanqingi Ermilov, 2020 (Page: 10) – TYPES: HT♂ - NTU, 2 PT - SMNG, 14 PT - TSUMZ

Galumna (Neogalumna) tongliaoensis Pan & Liu, 2020 (Page: 1936) – TYPES: HT♀ + PT♂ + 2 PT♀ - NIGA

Galumna brevilineata Ermilov & Starý, 2020 (Page: 1385) – TYPES: HT♀ - SMNG, 4 PT♂ + 2 PT♀ - TSUMZ

Galumna espejillosensis Ermilov & Starý, 2021 (Page: 1098) – TYPES: HT♂ - SMNG, 6 PT♂ + 5 PT♀ - TSUMZ

Galumna paraarmatifera Ermilov & Starý, 2020 (Page: 1389) – TYPES: HT♂ - SMNG, 10 PT♂ + 10 PT♀ - TSUMZ

Galumna parareticulata Ermilov & Starý, 2021 (Page: 106) – TYPES: HT♀ - SMNG, 3 PT♂ + 11 PT♀ - TSUMZ

Galumna paratetraporosa Ermilov, Khaustov & Joharchi, 2020 (Page: 878) – TYPES: HT♂ - SMNG, PT♂ + PT♀ - TSUMZ

Galumnella mikhailovi Ermilov, 2021 (Page: 40) – TYPES: HT♂ - SMNG, 2 PT♂ + 2 PT♀ - TSUMZ

G*alumnopsis andydoreyae* Villagomez, Palacio-Vargas & Páez, 2021 (Page: 177) – TYPES: HT♂ + 17 PT - UNAM

Granuloppia olszanowskii Ermilov, 2020 (Page: 374) – TYPES: HT♂ - SMNG, PT♂ + 3 PT♀ - TSUMZ

Graptoppia (Stenoppia) boucheri Ermilov & Frolov, 2021 (Page: 772) – TYPES: HT♂ - ZISP, 34 PT - TSUMZ

Hogsbackia africaensis Ermilov, Hugo-Coetzee & Behan-Pelletier, 2021 (Page: 532) – TYPES: HT♂ - NMB, 2 PT♂ - TSUMZ

Hungarobelba nortonroyi Bayartogtokh & Ermilov, 2021 (Page: 627) – TYPES: HT♂ - USNM, PT♂ - SMNG, 10 PT♂ - TSUMZ

Indopacifica taiyo Pfingstl, Shimano & Hiruta, 2021 (Page: 5) – TYPES: HT♀ + 2 PT♂ + 2 PT♀ - NSMT, 2 PT -

NHMW

Indopacifica tyida Pfingstl, Shimano & Hiruta, 2021 (Page: 7) – TYPES: HT♀ + 2 PT♂ + 2 PT♀ - NSMT, 2 PT - NHMW

Indoribates irumbuzhiensis Safeer Mohammed & Ramani, 2021 (Page: 589) – TYPES: HT♀ + 10 PT - DZUC, 2 PT - WGRC

Indoribates olszanowskii Ermilov & Starý, 2020 (Page: 363) – TYPES: HT♂ - SMNG, PT♂ + 2 PT♀ - TSUMZ

Jacotella puyuma Ermilov & Liao, 2021 (Page: 303) – TYPES: HT♂ - NTU, 3 PT♂ - SMNG, 8 PT♂ - TSUMZ

Kokoppia macrotuberculata Ermilov, Hugo-Coetzee & Khaustov, 2021 (Page: 689) – TYPES: HT♂ - NMB, PT♂ + PT♀ - TSUMZ

Kunstidamaeus ladislavmikoi Ermilov & Ryabinin, 2020 (Page: 287) – TYPES: HT♀ - SMNG, 11 PT♂ + 3 PT♀ - TSUMZ

Lanceoppia (Baioppia) rugosa Ermilov & Starý, 2020 (Page: 703) – TYPES: HT♂ - SMNG, PT♀ - TSUMZ

Lanceoppia (Bicristoppia) capensis Ermilov, Hugo-Coetzee & Khaustov, 2020 (Page: 329) – TYPES: HT♂ - NMB, 5 PT♂ + 5 PT♀ - TSUMZ

Licneremaeus indicus Arun & Ramani, 2020 (Page: 550) – TYPES: HT + 15 PT - DZUC

Malgacheliodes martensi Ermilov, Hugo-Coetzee & Khaustov, 2021 (Page: 360) – TYPES: HT♀ - NMB, 8 PT♂ + 3 PT♀ - TSUMZ

Microtritia quasitropica Niedbała, 2021 (Page: 1328) – TYPES: HT + 2 PT - DATE, PT - NMB

Monoscheloribates paramasani Ermilov & OConnor, 2021 (Page: 619) – TYPES: HT♂ + PT - CUIC, 2 PT - UMMZ, 3 PT - TSUMZ

Mucrobates cayoaguaensis Ermilov & Kontschán, 2021 (Page: 578) – TYPES: HT♂ - USNM, PT - SMNG, 12 PT - TSUMZ

Multoribates mexicanus Ermilov & OConnor, 2021 (Page: 622) – TYPES: HT♂ - UNAM, 2 PT - UMMZ, 2 PT - TSUMZ

Neoribates boliviensis Ermilov & Starý, 2021 (Page: 4) – TYPES: HT♀ - SMNG, 2 PT♂ + PT♀ - TSUMZ

Notogalumna rickiglesiasi Villagomez, Palacio-Vargas & Páez, 2021 (Page: 172) – TYPES: HT♀ + 16 PT - UNAM

Notophthiracarus brevisetus Niedbała, 2021 (Page: 1336) – TYPES: HT + PT - DATE, PT - NMB

Notophthiracarus megas Niedbała, 2021 (Page: 1338) – TYPES: HT - DATE

Notophthiracarus paraaustroafricanus Niedbała, 2021 (Page: 1339) – TYPES: HT + 5 PT - DATE, PT - NMB

Notophthiracarus paraserratus Niedbała, 2021 (Page: 1341) – TYPES: HT + 5 PT - DATE, PT - NMB

Oribatula franklinensis Ermilov, Hugo-Coetzee, Khaustov & Khaustov, 2021 (Page: 378) – TYPES: HT♂ - NMB, 2 PT - TSUMZ

Oripoda minuscula Bayartogtokh & Shimano, 2020 (Page: 353) – TYPES: HT♂ - NMNST

Oxyamerus niedbalai Ermilov & Kalúz, 2020 (Page: 1607) – TYPES: HT♂ - IZSAS, 3 PT♂ - TSUMZ

Papillacarus (Vepracarus) acaciensis Arun & Ramani, 2020 (Page: 542) – TYPES: HT + 10 PT - DZUC

Papillacarus mammillatus Ren, Yang, Liang & Xie, 2018 (Page: 107) – TYPES: HT + 5 PT - GUGC

Papillacarus retinervius Ren, Yang, Liang & Xie, 2018 (Page: 106) – TYPES: HT + 83 PT - GUGC

Parabelbella (Paradyobelba) elchacoensis Miko & Ermilov, 2021 (Page: 601) – TYPES: HT♂ - CNC, PT♂ + 3 PT♀ - TSUMZ

Parabelbella pseudoinaequipes Ermilov & Ryabinin, 2020 (Page: 360) – TYPES: HT♂ - USNM, 2 PT - SMNG, 15 PT - TSUMZ

Parabelbella rusfareastensis Ermilov & Ryabinin, 2020 (Page: 353) – TYPES: HT♂ - SMNG, 2 PT♂ + 11 PT♀ - TSUMZ

Pergalumna amatholensis Ermilov, Hugo-Coetzee & Khaustov, 2021 (Page: 95) – TYPES: HT♂ - NMB,

PT♂ + PT♀ - TSUMZ

Pergalumna caledonica Ermilov & Mary, 2020 (Page: 408) – TYPES: HT♂ - SMNG, 2 PT♂ + 3 PT♀ - TSUMZ

Pergalumna clava Zheng, Liang, Ren & Yang, 2021 (Page: 155) – TYPES: HT♂ + 7 PT - GUGC, 46 PT - GPC

Pergalumna granulistriata Akrami, 2021 (Page: 128) – TYPES: HT♂ + PT♂ - DPPSU

Pergalumna pilosus Zheng, Liang, Ren & Yang, 2021 (Page: 161) – TYPES: HT♂ + 16 PT - GUGC, 10 PT - GPC

Pergalumna sistanbaluchestanica Akrami, 2021 (Page: 382) – TYPES: HT♀ + 2 PT - DPPSU, PT - UZI

Pergalumna thailandensis Ermilov & Khaustov, 2020 (Page: 1284) – TYPES: HT♂ - SMNG, 3 PT♀ - TSUMZ

Perscheloribates gabonensis Ermilov & Frolov, 2021 (Page: 776) – TYPES: HT♂ - ZISP, 10 PT - TSUMZ

Perxylobates hakkai Ermilov & Liao, 2020 (Page: 614) – TYPES: HT♂ - NTU, PT♂ + 3 PT♀ - TSUMZ

Pheroliodes bolivianus Ermilov & Starý, 2021 (Page: 1363) – TYPES: HT♂ - SMNG, 13 PT♂ + 5 PT♀ - TSUMZ

Plateremaeus yurtaevi Ermilov & Starý, 2021 (Page: 1368) – TYPES: HT♀ - SMNG, 2 PT♂ + PT♀ - TSUMZ

Phthiracarus amatholensis Niedbała, 2021 (Page: 1330) – TYPES: HT + 7 PT - DATE, PT - NMB

Phthiracarus hogsbackensis Niedbała, 2021 (Page: 1332) – TYPES: HT - DATE, PT - NMB

Phthiracarus longipilosus Niedbała, 2021 (Page: 1334) – TYPES: HT + 3 PT - DATE, PT - NMB

Phyllhermannia goldengatensis Ermilov, Hugo-Coetzee, Khaustov & Khaustov, 2020 (Page: 2117) – TYPES: HT♂ + 2 PT - NMB, 2 PT - SMNG, 6 PT - TSUMZ

Phyllhermannia shikongensis Ermilov & Liao, 2020 (Page: 1926) – TYPES: HT - NTU, 4 PT - TSUMZ

Pilobatella sofalaensis Ermilov, 2021 (Page: 896) – TYPES: HT♀ - SMNG, 4 PT♂ +2 PT♀ - TSUMZ

Pilobates longiprocessus Ermilov & Starý, 2020 (Page: 124) – TYPES: HT♀ - SMNG, 2 PT♂ + 2 PT♀ - TSUMZ

Pilobates wachteli Ermilov, Subias, Shthanchaeva & Friedrich, 2021 (Page: 594) – TYPES: HT♂ - ZSM, PT♀ - TSUMZ

Pilogalumna hogsbackensis Ermilov, Hugo-Coetzee & Khaustov, 2021 (Page: 92) – TYPES: HT♂ - NMB, 3 PT♂ + 4 PT♀ - TSUMZ

Pletzenoppia ethiopica Ermilov, Hugo-Coetzee & Khaustov, 2021 (Page: 692) – TYPES: HT♂ - NMB, 2 PT♂ + PT♀ - TSUMZ

Plonaphacarus olszanowskii Niedbała, 2020 (Page: 317) – TYPES: HT + PT - DATE

Proteremaeus oralensis Seniczak, Kaczmarek & Seniczak, 2021 (Page: 903) – TYPES: HT♀ + 3 PT♂ + 2 PT♀ - ZMUB

Protobelba retanai Palacios-Vargas, Ortega & Iglesias, 2021 (Page: 2) – TYPES: HT + 16 PT - LESM

Protoribates ziemowiti Ermilov & Starý, 2020 (Page: 366) – TYPES: HT♀ - SMNG, PT♂ + 2 PT♀ - TSUMZ

Pseudotocepheus parafoveolatus Ermilov, 2020 (Page: 1376) – TYPES: HT♂ - SMNG, 2 PT♂ - TSUMZ

Ramuselloppia indistincta Ermilov & Starý, 2020 (Page: 698) – TYPES: HT♀ - SMNG, 3 PT♂ + PT♀ - TSUMZ

Sadocepheus sausai Ermilov & Kalúz, 2021 (Page: 177) – TYPES: HT♂ - IZSAS, 14 PT - TSUMZ, 2 PT - SMNG

Scheloribates (Bischeloribates) liangshanensis Liu, Wan, Liu, Lan, Zhou, Yan & Xie, 2021 (Page: 842) – TYPES: HT♀ + 4 PT♂ + 7 PT♀ - no information

Scheloribates (Bischeloribates) sanmingensis Liu, Wan, Liu, Lan, Zhou, Yan & Xie, 2021 (Page: 845) – TYPES: HT♂ + PT♂ + PT♀ - no information

Scheloribates (Topobates) panamaensis Ermilov, 2020 (Page: 279) – TYPES: HT♂ - USNM, 2 PT♀ - TSUMZ

Scheloribates curviprolamellatus Ermilov, Hugo-Coetzee & Khaustov, 2021 (Page: 87) – TYPES: HT♀ + PT- NMB, PT - SMNG, 9 PT - TSUMZ

Scheloribates curviprolamellatus Ermilov, Hugo-Coetzee & Khaustov, 2021 (Page: 87) – TYPES: HT♀ + PT - NMB, PT - SMNG, 9 PT - TSUMZ

Setoppia paraquattuor Ermilov, Hugo-Coetzee & Khaustov, 2020 (Page: 894) – TYPES: HT♂ - NMB, 2 PT♂ + 7 PT♀ - TSUMZ

Setoxylobates taigangensis Ermilov, 2020 (Page: 1518) – TYPES: HT♂ - NTU, 5 PT♂ + 6 PT♀ - TSUMZ

Siculobata (Paraleius) americana Ermilov & OConnor, 2020 (Page: 331) – TYPES: HT♀ + PT♀ - UMMZ, PT♀ - TSUMZ

Siculobata (Paraleius) trinidadensis Ermilov & OConnor, 2020 (Page: 338) – TYPES: HT♀ + PT - UMMZ, PT - TSUMZ

Spatiodamaeus ziemowiti Ermilov & Ryabinin, 2020 (Page: 312) – TYPES: HT♀ - SMNG, 2 PT♀ - TSUMZ

Stictozetes ihaguensis Ermilov, Hugo-Coetzee & Khaustov, 2021 (Page: 97) – TYPES: HT♀ - NMB, PT♂ + 2 PT♀ - TSUMZ

Thalassozetes canariensis Pfingstl, Paz & Hernández-Teixidor, 2020 (Page: 1903) – TYPES: HT♀ + PT♂ + PT♀ - DZUL, 2 PT♂ + 2 PT♀ - SMNG

Thalassozetes dushi Pfingstl, Lienhard, Baumann & Koblmüller, 2021 (Page: 10) – TYPES: HT - NHMW, 4 PT - USDA

Thalassozetes grenadensis Pfingstl, Lienhard, Baumann & Koblmüller, 2021 (Page: 10) – TYPES: HT - NHMW, 4 PT - USDA

Thalassozetes guadeloupensis Pfingstl, Lienhard, Baumann & Koblmüller, 2021 (Page: 11) – TYPES: HT - NHMW, 4 PT - USDA

Thalassozetes martiniquensis Pfingstl, Lienhard, Baumann & Koblmüller, 2021 (Page: 11) – TYPES: HT - NHMW, 4 PT - USDA

Thalassozetes paradisi Pfingstl, Lienhard, Baumann & Koblmüller, 2021 (Page: 11) – TYPES: HT - NHMW, 4 PT - USDA

Thalassozetes samanae Pfingstl, Lienhard, Baumann & Koblmüller, 2021 (Page: 11) – TYPES: HT - NHMW, 4 PT – USDA

Trichoribates valeriae Schatz, 2020 (Page: 848) – TYPES: HT♂ + 6 PT - SMNG, PT - CHS

Tyrphonothrus nivnu Ermilov & Liao, 2021 (Page: 299) – TYPES: HT♀ - NTU, 4 PT♀ - TSUMZ

Urubambates ueckermanni Ermilov, Hugo-Coetzee, Khaustov & Khaustov, 2021 (Page: 156) – TYPES: HT♀ - NMB, 4 PT♂ + PT♀ - TSUMZ

Vilhenabates paraambohitra Ermilov & Frolov, 2021 (Page: 779) – TYPES: HT♂ - ZISP, 9 PT - TSUMZ

Xenillus paracolumbianus Ermilov, 2020 (Page: 158) – TYPES: HT♂ - CNC, 2 PT♂ + 4 PT♀ - TSUMZ

Xenillus paramutabilis Ermilov, 2020 (Page: 159) – TYPES: HT♂ - CNC, 3 PT♂ + 3 PT♀ - TSUMZ

Zetorchella robertbecki Ermilov, Subias, Shthanchaeva & Friedrich, 2021 (Page: 597) – TYPES: HT♂ - ZSM, 3PT - SMNG, 24 PT - TSUMZ

New genera

Arcochthonius Schatz, 2021 (Page: 366) – Typ. sp.: *Arcochthonius roynortoni* Schatz, 2021

Hogsbackia Ermilov, Hugo-Coetzee & Behan-Pelletier, 2021 (Page: 531) – Typ. sp.: *Hogsbackia africaensis* Ermilov, Hugo-Coetzee & Behan-Pelletier, 2021

Roycepheus Bayartogtokh & Ermilov, 2021 (Page: 1200) – Typ. sp.: *Tegeocranus pustulatus* Pearce, 1910

New subgenera

Parabelbella (Paradyobelba) Miko & Ermilov, 2021 (Page: 600) – Typ. sp.: *Parabelbella (Paradyobelba) elchacoensis* Miko & Ermilov, 2021

New combinations

Anderemaeus tridactylus (Trägardh, 1907) – [Norton & Ermilov, 2019: 272]

Dyobelba dimidiaspina (Xie, Yan & Yang, 2013) – [Miko

& Ermilov, 2021: 608]

Kunstidamaeus bacillum (Kulczynski, 1926) – [Ermilov & Ryabinin, 2020: 9]

Leptotocepheus (Longocepheus) sexidimorphus (Vasiliu & Calugar, 1977) – [Ermilov 2020: 1378]

Protoribates mahunkai (Bayoumi, 1980) – [Ermilov & Liao, 2020: 618]

Roycepheus pustulatus (Pearce, 1910) – [Bayartogtokh & Ermilov, 2021: 1201]

New synonymes

Lignobates Mahunka, 2006 – [Ermilov & Liao, 2020: 1522]
= Protoribates Berlese, 1908

Malaconothrus ramadani Ramadan, Ismail & Mustafa, 2018 – [Ermilov, 2021: 590]
= Tyrphonothrus crassipes (Ramadan, Ismail & Mustafa, 2017)

Malaconothrus transversus Ramadan, Ismail & Mustafa, 2018 – [Ermilov, 2021: 590]
= Tyrphonothrus crassipes (Ramadan, Ismail & Mustafa, 2017)

New names

Protoribates mahunkasandori Ermilov, 2020 pro Lignobates berndhauseri Mahunka, 2006, preoccupied by Mahunka 1993 – [Ermilov & Liao, 2020: 1522]

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