

Actual checklist of Tardigrada species (2009–20242025, 44th Edition: 10-06-2025)

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Introduction

More than one thousand Tardigrada species were included in the published checklist (Guidetti, R. & Bertolani, R. 2005. **Tardigrade taxonomy: an updated check list of the taxa and a list of characters for their identification.** *Zootaxa*, 845, 1–46.) plus the additions and corrections to this checklist (Degma, P. & Guidetti, R. 2007. **Notes to the current checklist of Tardigrada.** *Zootaxa*, 1579, 41–53.). For practical reasons, we have joined these two papers (without comments added to particular taxa as well as without references published in these papers) into an accurate combined version of the checklists. We incorporated all taxonomical novelties in the current edition of the Checklist even if they were published just online. Then, following the International Code of Zoological Nomenclature, we corrected the year of a taxon description in its print edition. This checklist is free for all users, but utilization of it requires the citation of the two original papers. This checklist is the platform for occasional upgrades (date of latest upgrade is in the title). The changings respect to the previous version of the checklist have yellow background.

If you also use these changes, please also cite this checklist (Degma, P. & Guidetti, R. **Actual checklist of Tardigrada species.** DOI: 10.25431/11380_1178608. Accessed *date*).

This checklist collects the taxonomic and systematic information available in the bibliography, so the authors do not necessarily share what is reported in the articles used for the composition of this list.

Currently there are 3635 families, 160164 genera, 14881511 species and 1716 additional subspecies/forms included in the checklist.

Please write us if you find any mistake or missing data in this checklist. Your help in its improvement will be acknowledged.

Acknowledgements

We thank to Professor Clark Beasley (McMurry University, Abilene, Texas, U.S.A.) for his suggestions as well as for help with improving the English in the first version of this Checklist. We are very grateful to Emeritus Professor Roberto Bertolani (University of Modena and Reggio Emilia, Italy) who created this list with us and helped keep it updated until its 41th edition. We also thank to Nigel Marley (University of Plymouth, U.K.), Gary Grothman (St. Mary's University, Calgary, Canada), Paulo Fontoura (University of Porto, Portugal), Harry Meyer (McNeese State University, Lake Charles, Louisiana, U.S.A.), Sandra McInnes (British Antarctic

Survey, U.K.), Erica DeMilio (National University of Ireland Galway), Łukasz Kaczmarek (Adam Mickiewicz University in Poznań, Poland), Neil Redgate (Northern Highlands Ecological Research Centre, Castletown, U.K.), Myles O'Reilly (Scottish Environment Protection Agency, Holytown, U.K.), Shinta Fujimoto (Tohoku University, Aomori, Japan), Łukasz Michalczyk (Jagiellonian University, Kraków, Poland), Diane Nelson (East Tennessee State University, Johnson City, Tennessee, U.S.A.), Denis Tumanov (Saint-Petersburg State University, Russia), Jesper Guldborg Hansen (Natural History Museum of Denmark, Copenhagen, Denmark), Piotr Gąsiorek (Jagiellonian University, Kraków, Poland), Hieronymus Dastyk (Universität Hamburg, Germany), Daniel Stec (Institute of Systematics and Evolution of Animals, Polish Academy of Sciences, Kraków, Poland), David Nicolson (ITIS, US Geological Survey, and the Smithsonian Institution NMNH, Washington, DC, USA), and Joel Vincenzi (University of Modena and Reggio Emilia) for their valuable comments to this checklist.

This study was partly supported by the Slovak Research and Development Agency under the contract APVV-19-0076 to PD and by the National Recovery and Resilience Plan (NRRP), Mission 4 Component 2 Investment 1.4 – Call for tender No. 3138 of 16 December 2021, rectified by Decree n. 3175 of 18 December 2021 of Italian Ministry of University and Research funded by the European Union – NextGenerationEU. Project Code CN_00000033, Concession Decree No. 1034 of 17 June 2022 adopted by the Italian Ministry of University and Research, CUP E93C22001090001, Project title “National Biodiversity Future Center – NBFC” to RG.

Checklist of Tardigrada

(The assignment of synonyms are reported within square parenthesis ‘[]’. Amendments and changes of taxa are reported within angle brackets ‘< >’. Comments are reported within brace parenthesis ‘{ }’. The species written in bold characters are the genus *type species*)

Phylum: TARDIGRADA Doyère, 1840

Class: HETEROTARDIGRADA Marcus, 1927 {2 orders}

Order: ARTHROTARDIGRADA Marcus, 1927 {11 families}
<Order invalid according to Grollmann *et al.* 2023>

Family: Anisonychidae Møbjerg, Jørgensen & Kristensen, 20192020 {1 genus}

Anisonyches Pollock, 1975 {4 species}

<Amended by Bartels *et al.* 2018>

<Amended and transferred from Echiniscoididae by Møbjerg *et al.* 20192020>

Anisonyches deliquus Chang & Rho, 1998

Anisonyches diakidius Pollock, 1975 <Amended by Bartels *et al.* 2018>

Anisonyches eleutherensis Bartels, Fontoura & Nelson, 2018

Anisonyches mauritanus Grimaldi de Zio, D’Addabbo Gallo, Morone De Lucia & Daddabbo, 1987

Family: Archechiniscidae Binda, 1978 {1 genus}

[Archechiniscinae in Grimaldi de Zio & D’Addabbo Gallo, 1987]
{Jørgensen *et al.* 2010 reconsider valid the family}

Archechiniscus Schulz, 1953 {6 species}

Archechiniscus bahamensis Bartels, Fontoura & Nelson, 2018

Archechiniscus biscaynei Miller, Clark & C. Miller, 2012

Archechiniscus marci Schulz, 1953

Archechiniscus minutus Grimaldi de Zio & D'Addabbo Gallo, 1987

Archechiniscus murilloi Bartels & Fontoura, 2021 {in Bartels *et al.* 2021}

Archechiniscus symbalanus Chang & Rho, 1998

Family: Batillipedidae Ramazzotti, 1962 {1 genus}

<Amended by Gallo D'Addabbo *et al.* 2005>

[Discopodidae Marcus, 1934]

Batillipes Richters, 1909 {41 species}

Batillipes acaudatus Pollock, 1971

Batillipes acuticauda Menechella, Bulnes & Cazzaniga, 2015

Batillipes adriaticus Grimaldi de Zio, Morone De Lucia, D'Addabbo Gallo & Grimaldi, 1979

Batillipes africanus Morone De Lucia, D'Addabbo Gallo & Grimaldi de Zio, 1988

Batillipes algharbensis E. Santos, Rubal, Veiga, da Rocha & Fontoura, 2018

Batillipes amblypyge Menechella, Bulnes & Cazzaniga, 2017

Batillipes annulatus de Zio, 1962

Batillipes brasiliensis E. Santos, da Rocha, Gomes Jr. & Fontoura, 2017

Batillipes bullacaudatus McGinty & Higgins, 1968

Batillipes carnonensis Fize, 1957

Batillipes chandrayaani Vishnudattan, Rubal & Bijoy Nandan, 2024

Batillipes crassipes Tchesunov & Mokievsky, 1995

Batillipes dandarae E. Santos, da Rocha, Gomes Jr. & Fontoura, 2017

Batillipes dicrocercus Pollock, 1970

Batillipes friaufi Riggan, 1962

Batillipes gilmartini McGinty, 1969

Batillipes homocercus Bartels & Fontoura, 2021 {in Bartels *et al.* 2021}

Batillipes ichthyocercus Bartels & Fontoura, 2021 {in Bartels *et al.* 2021}

Batillipes kalami Vishnudattan, Rubal & Bijoy Nandan, 2023

Batillipes lesteri Kristensen & Mackness, 2000

Batillipes lingularum Menechella, Bulnes & Cazzaniga, 2017

Batillipes littoralis Renaud-Debyser, 1959

Batillipes longispinosus Chang & Rho, 1997

Batillipes lusitanus Santos, Rubal, Veiga, da Rocha & Fontoura, 2018

Batillipes marcelli Morone De Lucia, D'Addabbo Gallo & Grimaldi de Zio, 1988

Batillipes minius Rubal, Veiga, Fontoura & Sousa-Pinto, 2016

Batillipes mirus Richters, 1909 [*Batillipes caudatus* Hay, 1917]

Batillipes noerrevangi Kristensen, 1978

Batillipes orientalis Chang & Rho, 1997

Batillipes pennaki Marcus, 1946

Batillipes philippinensis Chang & Rho, 1997

Batillipes phreaticus Renaud Debyser, 1959 [*Batillipes littoralis submersus* D'Hondt, 1970]

Batillipes potiguarensis E. Santos, da Rocha, Gomes Jr. & Fontoura, 2017

Batillipes roscoffensis Kristensen, 1978
Batillipes rotundiculus Rho & Chang, 1999 {in Rho *et al.* 1999}
Batillipes similis Schulz, 1955
Batillipes solitarius Jørgensen, Boesgaard, Møbjerg & Kristensen, 2014
Batillipes spinicauda Gallo D'Addabbo, Sandulli & de Zio Grimaldi, 2005
Batillipes tridentatus Pollock, 1989
Batillipes tubernatis Pollock, 1971
Batillipes wyedeleinorum Bartels, Fontoura, Nelson & Kaczmarek, 2024

Family: Coronarctidae Renaud-Mornant, 1974 {2 genera}
<Amended by Hansen 2007>

Coronarctus Renaud-Mornant, 1974 {11 species}
<Amended by Hansen 2007>

Coronarctus disparilis Renaud-Mornant, 1987
Coronarctus dissimilis Gomes-Júnior, E. Santos, da Rocha, P.J.P. Santos & Fontoura, 2020
Coronarctus fastigatus Renaud-Mornant, 1987
Coronarctus laubieri Renaud-Mornant, 1987
Coronarctus mexicus Romano III, Gallo, D'Addabbo, Accogli, Baguley & Montagna, 2011
Coronarctus neptunus Gomes-Júnior, E. Santos, da Rocha, P.J.P. Santos & Fontoura, 2020
Coronarctus sonne Saulenko, Maiorova, Martínez Arbizu & Mordukhovich, 2022
Coronarctus stylisetus Renaud-Mornant, 1987
Coronarctus tenellus Renaud-Mornant, 1974
Coronarctus verrucatus Hansen, 2007
Coronarctus yurupari Gomes-Júnior, E. Santos, da Rocha, P.J.P. Santos & Fontoura, 2020

Trogloarctus Villora-Moreno, 1996 {1 species}

Trogloarctus trionyches Villora-Moreno, 1996

Family: Halechiniscidae Thulin, 1928 {6 subfamilies}
<Amended by Fujimoto *et al.* 2017>

Subfamily: Dipodarctinae Pollock, 1995 {1 genus}
<Amended by Jørgensen *et al.* 2014>

Dipodarctus Pollock, 1995 {5 species}
<Amended by Jørgensen *et al.* 2014>

Dipodarctus anaholiensis Pollock, 1995
Dipodarctus australiensis Jørgensen, Boesgaard, Møbjerg & Kristensen, 2014
Dipodarctus borrhori Pollock, 1995 [*Hemitanarctus chimaera* de Zio Grimaldi, D'Addabbo Gallo, Morone De Lucia & Troccoli, 1995/96 according to de Zio Grimaldi *et al.* 2003]
Dipodarctus subterraneus (Renaud-Debyser, 1959)
Dipodarctus susannae Jørgensen, Boesgaard, Møbjerg & Kristensen, 2014

Subfamily: Euclavarctinae Renaud-Mornant, 1983 {6 genera}

Clavarctus Renaud-Mornant, 1983 {1 species}

Clavarctus falculus Renaud-Mornant, 1983

Euclavarctus Renaud-Mornant, 1975 {2 species}

<Amended by Renaud-Mornant 1983>

Euclavarctus convergens Renaud-Mornant, 1983

Euclavarctus thieli Renaud-Mornant, 1975

Exoclavarctus Renaud-Mornant, 1983 {1 species}

Exoclavarctus dineti Renaud-Mornant, 1983

Moebjergarctus Bussau, 1992 {3 species}

Moebjergarctus clarionclippertonensis Bai, X. Wang, Zhou, Lin, Meng & Fontoura, 2020

Moebjergarctus manganis Bussau, 1992

Moebjergarctus okhotensis Saulenko, Maiorova, Martínez Arbizu & Mordukhovich, 2022

Parmursa Renaud-Mornant, 1984 {2 species}

<Amended by Hansen 2007>

Parmursa fimbriata Renaud-Mornant, 1984

Parmursa torquata Hansen, 2007

Proclavarctus Renaud-Mornant, 1983 {1 species}

Proclavarctus fragilis Renaud-Mornant, 1983

Subfamily: Florarctinae Renaud-Mornant, 1982 {4 genera}

<Amended by Kristensen 1984 and Hansen & Kristensen 2021>

Florarctus Delamare Deboutteville & Renaud-Mornant, 1965 {15 species}

Florarctus acer Renaud-Mornant, 1989

Florarctus antillensis Van der Land, 1968

Florarctus asper Renaud-Mornant, 1989

Florarctus bellahelenae Gąsiorek, D. Kristensen & Kristensen, 2021

Florarctus cinctus Renaud-Mornant, 1976

Florarctus glareolus Noda, 1987

Florarctus heimi Delamare Deboutteville & Renaud-Mornant, 1965 [*Florarctus cervinus*
Renaud-Mornant, 1987 according to Gąsiorek *et al.* 2021a]

Florarctus hulingsi Renaud-Mornant, 1976

Florarctus kwoni Chang & Rho, 1997

Florarctus pulcher Grimaldi de Zio, Lamarca, D'addabbo Gallo & Pietanza, 1999

Florarctus salvati Delamare Deboutteville & Renaud-Mornant, 1965

Florarctus stellatus Renaud-Mornant, 1989

Florarctus vulcanius Renaud-Mornant, 1987

Florarctus wunai Fujimoto, 2015

Florarctus yucatanensis Anguas-Escalante, de Jesus-Navarrete, DeMilio, Pérez-Pech & Hansen,
2020

Higginsarctus Hansen & Kristensen, 2021 {6 species}

Higginsarctus alatus (Gomes-Júnior, E. Santos, da Rocha, P.J.P. Santos & Fontoura, 2018)

<Transferred from *Ligiarctus* by Hansen & Kristensen 2021>

Higginsarctus lassei Hansen & Kristensen, 2021
Higginsarctus laurae Hansen & Kristensen, 2021
Higginsarctus martini Hansen & Kristensen, 2021
Higginsarctus shintai Hansen & Kristensen, 2021
Higginsarctus signeae Hansen & Kristensen, 2021

Ligiarctus Renaud-Mornant, 1982 {1 species}

<Amended by Gomes-Júnior *et al.* 2018 and Hansen & Kristensen 2021>

Ligiarctus eastwardi Renaud-Mornant, 1982

Wingstrandarctus Kristensen, 1984 {5 species}

Wingstrandarctus corallinus Kristensen, 1984
Wingstrandarctus crypticus Renaud-Mornant, 1989
Wingstrandarctus intermedius (Renaud-Mornant, 1967) <Amended by Renaud-Mornant 1989>
Wingstrandarctus stinae Jørgensen, Boesgaard, Møbjerg & Kristensen, 2014
Wingstrandarctus unsculptus Jørgensen, Boesgaard, Møbjerg & Kristensen, 2014

Subfamily: Halechiniscinae Thulin, 1928 {2 genera}

<Amended by Grimaldi de Zio *et al.* 1990>

Chrysoarctus Renaud-Mornant, 1984 {2 species}

Chrysoarctus briandi Renaud-Mornant, 1984
Chrysoarctus flabellatus (Grimaldi de Zio, D'Addabbo Gallo, Morone De Lucia, Vaccarella & Grimaldi, 1982)

Halechiniscus Richters, 1908 {12 species + 1 subspecies}

Halechiniscus chafarinensis Grimaldi de Zio & Villora Moreno, 1995
Halechiniscus churakaagii Fujimoto, 2015
Halechiniscus greveni Renaud-Mornant & Deroux, 1976
Halechiniscus guiteli Richters, 1908
Halechiniscus janus Bai, X. Wang, Gao, Y. Li & Fontoura, 2022
Halechiniscus jejuensis Chang & Rho, 2002
Halechiniscus macrocephalus Grimaldi de Zio, D'Addabbo Gallo & Morone De Lucia, 1988
Halechiniscus paratuleari Grimaldi de Zio, D'Addabbo Gallo & Morone De Lucia, 1988
Halechiniscus perfectus Schulz, 1955
Halechiniscus remanei remanei Schulz, 1955
Halechiniscus remanei antillensis Renaud-Mornant, 1984
Halechiniscus tuleari Renaud-Mornant, 1979
Halechiniscus yanakaagii Fujimoto, 2015

Subfamily: Orzeliscinae Schulz, 1963 {4 genera}

<Amended by Gross *et al.* 2014>

Mutaparadoxipus Gross, Miller & Hochberg, 2014 {1 species}

Mutaparadoxipus duodigifinis Gross, Miller & Hochberg, 2014

Opydorscus Renaud-Mornant, 1989 {1 species}
Opydorscus fonsecae Renaud-Mornant, 1989

Orzeliscus du Bois-Reymond Marcus, 1952 {2 species}
Orzeliscus asiaticus Lee, Rho & Chang, 2017
Orzeliscus belopus du Bois-Reymond Marcus, 1952 [*Orzeliscus septentrionalis* Schulz, 1953
according to Pollock 1982]

Paradoxipus Kristensen & Higgins, 1989 {1 species}
<Transferred from Halechiniscinae by Gross *et al.* 2014>
Paradoxipus orzeliscoides Kristensen & Higgins, 1989

Subfamily: Quisarctinae Fujimoto, 2015 {1 genus}
Quisarctus Fujimoto, 2015 {1 species}
Quisarctus yasumurai Fujimoto, 2015

Family: Neoarctidae (de Zio Grimaldi, D'Addabbo Gallo & Morone De Lucia, 1992) {1 genus}
<Former subfamily of Stygarctidae elevated to family level and amended by Bello & Grimaldi de
Zio 1998>

Neoarctus de Zio Grimaldi, D'Addabbo Gallo & Morone De Lucia, 1992 {1 species}
Neoarctus primigenius de Zio Grimaldi, D'Addabbo Gallo & Morone De Lucia, 1992

Family: Neostygarctidae Grimaldi de Zio, D'Addabbo Gallo & De Lucia Morone, 1987 {1
genus}

{Not more valid according to Hansen *et al.* 2012, Fontoura *et al.* 2017 and Tchesunov 2018;
Considered valid and amended by Fujimoto & Miyazaki 2013 (however the authors were not
aware of Hansen *et al.* 2012 publication); Amended by Kristensen *et al.* 2015}

Neostygarctus Grimaldi de Zio, D'Addabbo Gallo & Morone De Lucia, 1982 {4 species}
<Transferred to Renaudarctidae by Kristensen & Higgins 1984b; Elevated to family level and
amended by Grimaldi de Zio *et al.* 1987; Transferred from Neostygarctidae into Stygarctidae by
Hansen *et al.* 2012; Re-transferred by Kristensen *et al.* 2015>
Neostygarctus acanthophorus Grimaldi de Zio, D'Addabbo Gallo & Morone De Lucia, 1982
Neostygarctus grossmeteori Tchesunov, 2018
Neostygarctus lovedeluxe Fujimoto & Miyazaki, 2013 {Species described in Neostygarctidae by
Fujimoto & Miyazaki 2013}
Neostygarctus oceanopolis Kristensen, Sørensen, Hansen & Zeppilli, 2015

Family: Renaudarctidae Kristensen & Higgins, 1984 {2 genera}
<Amended by Hansen *et al.* 2012 and by Fujimoto & Yamasaki 2017>

Nodarctus Fujimoto & Yamasaki, 2017 {1 species}
Nodarctus hallucis Fujimoto & Yamasaki, 2017

Renaudarctus Kristensen & Higgins, 1984 {2 species}

<Amended by Hansen *et al.* 2012>

Renaudarctus fossorius Hansen, Kristensen & Jørgensen, 2012

Renaudarctus psammocryptus Kristensen & Higgins, 1984

Family: Stygarctidae Schulz, 1951 {2 subfamilies}

<Amended by Hansen *et al.* 2012>

Subfamily: Megastygarcidinae Bello & de Zio Grimaldi, 1998 {1 genus}

<Amended by Hansen & Kristensen 2006>

Megastygarcitides McKirdy, Schmidt & McGinty-Bayly, 1976 {6 species}

Megastygarcitides christinae Hansen & Kristensen, 2006

Megastygarcitides gerdae Hansen & Kristensen, 2006

Megastygarcitides isounguis Renaud-Mornant, 1981

Megastygarcitides orbiculatus McKirdy, Schmidt & McGinty-Bayly, 1976

Megastygarcitides setoloso Morgan & O'Reilly, 1989

Megastygarcitides sezginii Ürkmez, Ostrowska, Roszkowska, Gawlak, Zawierucha, Kristensen & Kaczmarek, 2017

Subfamily: Stygarctinae Schulz, 1951 {7 genera}

Faroestygarcus Hansen, Kristensen & Jørgensen, 2012 {1 species}

Faroestygarcus dezioae Hansen, Kristensen & Jørgensen, 2012

Hansenarctus Fujimoto & Ohtsuka, 2019 {1 species}

Hansenarctus toyoshiomaruae Fujimoto & Ohtsuka, 2019

Mesostygarcus Renaud-Mornant, 1979 {2 species}

<Amended and reconsidered valid as genus by Hansen *et al.* 2012>

Mesostygarcus intermedius Renaud-Mornant, 1979 <Transferred from *Pseudostygarcus* by Hansen *et al.* 2012>

Mesostygarcus spiralis Hansen, Kristensen & Jørgensen, 2012

Parastygarcus Renaud-Debyser, 1965 {7 species}

<Amended by Hansen *et al.* 2012>

Parastygarcus biungulatus Morone De Lucia, Grimaldi de Zio & D'Addabbo Gallo, 1984

Parastygarcus higginsi Renaud-Debyser, 1965

Parastygarcus mediterranicus Gallo D'Addabbo, Grimaldi de Zio & Sandulli, 2001

Parastygarcus renaudae Grimaldi de Zio, D'Addabbo Gallo, Morone De Lucia & Daddabbo, 1987

Parastygarcus robustus Hansen, Kristensen & Jørgensen, 2012

Parastygarcus sterreri Renaud-Mornant, 1970

Parastygarcus svennevigi Hansen, Kristensen & Jørgensen, 2012

Prostygarcus Rubal, Veiga, Fontoura & Sousa-Pinto, 2013 {1 species}

Prostygarcus aculeatus Rubal, Veiga, Fontoura & Sousa-Pinto, 2013

Pseudostygarctus McKirdy, Schmidt & McGinty-Bayly, 1976 {5 species}

<Amended by Hansen *et al.* 2012>

Pseudostygarctus apuliae Gallo D'Addabbo, de Zio Grimaldi & D'Addabbo, 2000

Pseudostygarctus galloae Hansen, Kristensen & Jørgensen, 2012

Pseudostygarctus mirabilis de Zio Grimaldi, D'Addabbo Gallo & Morone De Lucia, 1998

Pseudostygarctus rugosus Gallo D'Addabbo, de Zio Grimaldi & Sandulli, 2001

Pseudostygarctus triungulatus McKirdy, Schmidt & McGinty-Bayly, 1976 <Amended by Hansen *et al.* 2012>

Stygarctus Schulz, 1951 {8 species}

Stygarctus abornatus McKirdy, Schmidt & McGinty-Bayly, 1976

Stygarctus ayatori Fujimoto, 2014

Stygarctus bradypus Schulz, 1951

Stygarctus goubaultae Renaud-Mornant, 1981

Stygarctus granulatus Pollock, 1970

Stygarctus keralensis Vishnudattan, Bijoy Nandan, Hansen & Jayachandran, 2021

Stygarctus lambertii Grimaldi de Zio, D'Addabbo Gallo, Morone De Lucia & Daddabbo, 1987

Stygarctus spinifer Hiruta, 1985

Family: Styraconyxidae Kristensen & Renaud-Mornant, 1983 {11 genera}

<Amended by Jørgensen *et al.* 2014; Former subfamily of Halechiniscidae elevated to family level and amended by Fujimoto *et al.* 2017>

Angursa Pollock, 1979 {9 species}

<Amended by Fujimoto & Hansen 2019 and Tchesunov & Fedyaeva 2024>

Angursa abyssalis Renaud-Mornant, 1981 <Amended by Fujimoto & Hansen 2019 who consider *Angursa bicuspis abyssalis* to be a valid species> {For taxonomic status of of the subspecies see Kaczmarek *et al.* 2015}

Angursa antarctica Villora-Moreno, 1998 <Amended by Fujimoto & Hansen 2019>

Angursa bicuspis Pollock, 1979 <Amended by Fujimoto & Hansen 2019>

Angursa capsula Bussau, 1992

Angursa clavifera Noda, 1985 <*A. bicuspis clavifera* elevated to species level by Bussau 1992>

Angursa lanceolata Renaud-Mornant, 1981 <Amended by Fujimoto & Hansen 2019>

Angursa lingua Bussau, 1992

Angursa oleneskii Tchesunov & Fedyaeva, 2024

Angursa seisumaruae Fujimoto & Hansen, 2019

Bathychiniscus Steiner, 1926 {1 species}

Bathychiniscus tetronyx Steiner, 1926 <Amended by Pollock 1983>

Cyaegharctus Fujimoto & Jimi, 2020 {1 species}

Cyaegharctus kitamurai Fujimoto & Jimi, 2020

Lepoarctus Kristensen & Renaud-Mornant, 1983 {1 species}

Lepoarctus coniferus (Renaud-Mornant, 1975)

Paratanarctus D'Addabbo Gallo, Grimaldi de Zio, Morone De Lucia & Troccoli, 1992 {1}

species}

Paratanarctus kristenseni D'Addabbo Gallo, Grimaldi de Zio, Morone De Lucia & Troccoli, 1992

Pleocola Cantacuzène, 1951 {1 species}

Pleocola limnoriae Cantacuzène, 1951

Raiarctus Renaud-Mornant, 1981 {5 species}

<Amended by Jørgensen *et al.* 2014>

Raiarctus aureolatus Renaud-Mornant, 1981

Raiarctus colurus Renaud-Mornant, 1981

Raiarctus jesperi Jørgensen, Boesgaard, Møbjerg & Kristensen, 2014

Raiarctus katrinae Jørgensen, Boesgaard, Møbjerg & Kristensen, 2014

Raiarctus variabilis D'Addabbo Gallo, Grimaldi de Zio & Morone De Lucia, 1986

Rhomboarctus Renaud-Mornant, 1984 {3 species}

Rhomboarctus aslaki Hansen, Gallo D'Addabbo & de Zio Grimaldi, 2003

Rhomboarctus duplicicaudatus Hansen, Gallo D'Addabbo & de Zio Grimaldi, 2003

Rhomboarctus thomassini Renaud-Mornant, 1984

Styraconyx Thulin, 1942 {16 species + 1 subspecies}

Styraconyx craticuliformis Chang & Rho, 1998

Styraconyx craticulus (Pollock, 1983)

Styraconyx hallasi Kristensen, 1977

Styraconyx haploceros Thulin, 1942

Styraconyx kristenseni kristenseni Renaud-Mornant, 1981

Styraconyx kristenseni neocaledonensis Renaud-Mornant, 1981

Styraconyx nanoqsunguak Kristensen & Higgins, 1984

Styraconyx paulae Robotti, 1971

Styraconyx qivitoq Kristensen & Higgins, 1984

Styraconyx robertoi Pérez-Pech, de Jésus-Navarrate, DeMilio, Anguas-Escalante & Hansen, 2020

Styraconyx sardiniae D'Addabbo Gallo, Morone De Lucia & Grimaldi de Zio, 1989

Styraconyx sargassi Thulin, 1942

Styraconyx takeshii Fujimoto, Suzuki, Ito, Tamura & Tsujimoto, 2020

Styraconyx testudo D'Addabbo Gallo, Grimaldi de Zio & Morone De Lucia, 1984

Styraconyx turbinarium Bartels, Fontoura & Nelson, 2015

Styraconyx tyrrhenus D'Addabbo Gallo, Morone De Lucia & Grimaldi de Zio, 1989

Styraconyx vargasi Bartels & Fontoura, 2021 {in Bartels *et al.* 2021}

Tetrakentron Cuénot, 1892 {1 species}

Tetrakentron synaptae Cuénot, 1892

Tholoarctus Kristensen & Renaud-Mornant, 1983 {2 species + 1 subspecies}

<Amended by Jørgensen *et al.* 2014>

Tholoarctus natans natans Kristensen & Renaud-Mornant, 1983

Tholoarctus natans pedunculatus D'Addabbo Gallo, de Zio Grimaldi, Morone De Lucia & Troccoli, 1992

Tholoarctus oleseni Jørgensen, Boesgaard, Møbjerg & Kristensen, 2014

Family: Tanarctidae Renaud-Mornant, 1980 {3 genera}

<Former subfamily of Halechiniscidae elevated to family level and amended by Fujimoto *et al.* 2017>

Actinarctus Schulz, 1935 {4 species + 1 subspecies}

Actinarctus doryphorus doryphorus Schulz, 1935

Actinarctus doryphorus ocellatus Renaud-Mornant, 1971

Actinarctus lyrophorus Renaud-Mornant, 1979

Actinarctus neretinus Grimaldi de Zio, D'Addabbo Gallo, Morone De Lucia, Vaccarella & Grimaldi, 1982

Actinarctus physophorus Grimaldi de Zio, D'Addabbo Gallo, Morone De Lucia, Vaccarella & Grimaldi, 1982

Tanarctus Renaud-Debyser, 1959 {15 species}

Tanarctus arbor-spinosus Lindgren, 1971

Tanarctus breedyae Bartels & Fontoura, 2021 {in Bartels *et al.* 2021}

Tanarctus bubulubus Jørgensen & Kristensen, 2001

Tanarctus dendriticus Renaud-Mornant, 1980

Tanarctus diplocerus Fujimoto, Miyazaki & Suzuki, 2013

Tanarctus gracilis Renaud-Mornant, 1980

Tanarctus helleouetae Renaud-Mornant, 1984

Tanarctus heterodactylus Renaud-Mornant, 1980

Tanarctus hirsutospinosus Jørgensen, Boesgaard, Møbjerg & Kristensen, 2014

Tanarctus ittanmomen Fujimoto, 2018

Tanarctus longisetosus Grimaldi de Zio, D'Addabbo Gallo, Morone De Lucia, Vaccarella & Grimaldi, 1982

Tanarctus minotauricus Renaud-Mornant, 1984

Tanarctus ramazzottii Renaud-Mornant, 1975

Tanarctus tauricus Renaud-Debyser, 1959

Tanarctus velatus McKirdy, Schmidt & McGinty-Bayly, 1976

Zioella Renaud-Mornant, 1987 {1 species}

Zioella pavonina Renaud-Mornant, 1987

Order: ECHINISCOIDEA Richters, 1926 {4 families}

Family: Echiniscoididae Kristensen & Hallas, 1980 {2 subfamilies}

<Amended by Møbjerg *et al.* 2020>

Subfamily: Echiniscoidinae Kristensen & Hallas, 1980 {2 genera}

<Amended by Møbjerg *et al.* 2020>

Echiniscoides Plate, 1888 {21 species}

Echiniscoides andamanensis Chang & Rho, 1998

Echiniscoides basalticus Gąsiorek & Kristensen, 2022

Echiniscoides bruni D'Addabbo Gallo, Grimaldi de Zio, Morone De Lucia & Troccoli, 1992
Echiniscoides bufocephalus Gąsiorek & Kristensen, 2022
Echiniscoides costaricensis Bartels & Fontoura, 2021 {in Bartels *et al.* 2021}
Echiniscoides galliensis Kristensen & Hallas, 1980 <*E. sigismundi galliensis* elevated to species level by Gąsiorek & Kristensen 2022>
Echiniscoides groenlandicus Kristensen & Hallas, 1980 <*E. sigismundi groenlandicus* elevated to species level by Gąsiorek & Kristensen 2022>
Echiniscoides hispaniensis Kristensen & Hallas, 1980 <*E. sigismundi hispaniensis* elevated to species level and amended by Gąsiorek & Kristensen 2022>
Echiniscoides hoepneri Kristensen & Hallas, 1980
Echiniscoides lichenophilus Gąsiorek & Kristensen, 2022
Echiniscoides mediterranicus Kristensen & Hallas, 1980 <*E. sigismundi mediterranicus* elevated to species level by Gąsiorek & Kristensen 2022>
Echiniscoides musa Gąsiorek & Kristensen, 2022
Echiniscoides polynesiensis Renaud-Mornant, 1976 <*E. sigismundi polynesiensis* elevated to species level by Gąsiorek & Kristensen 2022>
Echiniscoides porphyrae Grimaldi de Zio, Gallo D'Addabbo & Pietanza, 2000 <*E. sigismundi porphyrae* elevated to species level by Gąsiorek & Kristensen 2022>
Echiniscoides ritavargasae Bartels, Fontoura, Mioduchowska & Kaczmarek, 2021 {in Bartels *et al.* 2021}
Echiniscoides rugostellatus Perry, Rawson, Ameral, Miller, J.D. Miller, 2018
Echiniscoides sigismundi (M. Schultze, 1865)
Echiniscoides travei Bellido & Bertrand, 1981
Echiniscoides trichosus Gąsiorek & Kristensen, 2022
Echiniscoides verrucariae Grimaldi de Zio, Gallo D'Addabbo & Pietanza, 2000 <*E. sigismundi verrucariae* elevated to species level by Gąsiorek & Kristensen 2022>
Echiniscoides wyethi Perry & Miller, 2015

Neoechiniscoides Møbjerg, Jørgensen & Kristensen, 20192020 {3 species}
Neoechiniscoides aski Møbjerg, Jørgensen & Kristensen, 20192020
Neoechiniscoides horningi (Miller & Kristensen, 1999) <Transferred from *Echiniscoides* by Møbjerg *et al.* 20192020>
Neoechiniscoides pollocki (Hallas & Kristensen, 1982) <Transferred from *Echiniscoides* by Møbjerg *et al.* 20192020>

Subfamily: Isoechiniscoidinae Møbjerg, Kristensen & Jørgensen, 2016 {1 genus}

Isoechiniscoides Møbjerg, Kristensen & Jørgensen, 2016 {2 species}
Isoechiniscoides higginsii (Hallas & Kristensen, 1982) <Transferred from *Echiniscoides* by Møbjerg *et al.* 2016>
Isoechiniscoides sifae Møbjerg, Kristensen & Jørgensen, 2016

Family: Carphanidae Binda & Kristensen, 1986 {1 genus}

Carphania Binda, 1978 {1 species}
Carphania fluviatilis Binda, 1978

Family: Oreellidae Ramazzotti, 1962 (*sensu* Puglia unpublished thesis 1959) {1 genus}
<Amended by Binda & Kristensen 1986 and Dastych *et al.* 1998>

Oreella Murray, 1910 {3 species}

Oreella chugachii Calloway, Miller, Johansson & Whiting, 2011

Oreella mollis Murray, 1910 [*Oreella minor* Ramazzotti, 1964]

Oreella vilucensis Rahm, 1931 *species inquirenda* [*Oreella bonnensis* Rahm, 1932]

Family: Echiniscidae Thulin, 1928 {22 genera}

{Guil *et al.* 2019 proposed subfamilies Echiniscinae Thulin, 1928, Parechiniscinae Guil, Jørgensen & Kristensen, 2019 and Pseudechiniscinae Guil, Jørgensen & Kristensen, 2019 as well as tribes Anthechiniscini Guil, Jørgensen & Kristensen, 2019, Bryodelphaxini Guil, Jørgensen & Kristensen, 2019, Cornechiniscini Guil, Jørgensen & Kristensen, 2019, Echiniscini Thulin, 1928, Novechiniscini Guil, Jørgensen & Kristensen, 2019, Parechiniscini Guil, Jørgensen & Kristensen, 2019 and Pseudechiniscini Guil, Jørgensen & Kristensen, 2019 - all these taxa were later suppressed by Gąsiorek & Michalczyk 2020b}

Acanthechiniscus Vecchi, Cesari, Bertolani, Jönsson, Rebecchi & Guidetti, 2016a {5 species}

Acanthechiniscus distinctus (Mihelčič, 1951) <Transferred from *Pseudechiniscus* by Vecchi *et al.* 2016a>

Acanthechiniscus goedeni (Grigarick, Mihelčič & Schuster, 1964) <Transferred from *Pseudechiniscus* by Vecchi *et al.* 2016a>

Acanthechiniscus islandicus (Richters, 1904) <Transferred from *Pseudechiniscus* by Vecchi *et al.* 2016a>

Acanthechiniscus sinensis (Rahm, 1937) <Transferred from *Pseudechiniscus* by Vecchi *et al.* 2016a>

Acanthechiniscus victor (Ehrenberg, 1853) [*Pseudechiniscus tridentifer* Bartoš, 1935]
<Transferred from *Pseudechiniscus* by Vecchi *et al.* 2016a>

Antechiniscus Kristensen, 1987 {7 species}

Antechiniscus conversus (Horning & Schuster, 1983)

Antechiniscus jermani Rossi & Claps, 1989

Antechiniscus lateromamillatus (Ramazzotti, 1964)

Antechiniscus moscali Claxton, 2001

Antechiniscus parvisentus (Horning & Schuster, 1983)

Antechiniscus perplexus (Horning & Schuster, 1983)

Antechiniscus pulcher (Murray, 1910) <Transferred from *Pseudechiniscus* by Gąsiorek *et al.* 2021c>

Barbaria Michalczyk, Gąsiorek, Morek & Stec, 2019 {in Gąsiorek *et al.* 2019d} {13 species}

Barbaria bigranulata (Richters, 1907/1908) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Barbaria charrua (Claps & Rossi, 1997) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2022a>

Barbaria danieli (Meyer, Tsaliki & Sorgee, 2017) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Barbaria ganczareki (Michalczyk & Kaczmarek, 2007) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Barbaria hanna (Roszkowska, Gawlak, Draga & Kaczmarek, 2019) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>
Barbaria jenningsi (Dastych, 1984) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>
Barbaria madonnae (Michalczyk & Kaczmarek, 2006) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>
Barbaria ollantaytamboensis (Nickel, Miller & Marley, 2001) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>
Barbaria paucigranulata Wilamowski, Vončina, Gąsiorek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022a}
Barbaria quitensis (Pilato, 2007) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2022a>
Barbaria ranzii (Ramazzotti, 1964) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>
Barbaria rufoviridis (du Bois-Reymond Marcus, 1944) <Transferred from *Echiniscus* to *Viridiscus* by Gąsiorek *et al.* 2019d and from *Viridiscus* to *Barbaria* by Rocha *et al.* 2023>
Barbaria weglarskae Gąsiorek, Wilamowski, Vončina & Michalczyk, 2022

Bryochoerus Marcus, 1936 {2 species + 2 subspecies}
 <Amended by DeMilio *et al.* 2022a>

Bryochoerus intermedius intermedius (Murray, 1910)
Bryochoerus intermedius hawaiiicus (Thulin, 1928)
Bryochoerus intermedius laevis (Marcus, 1936)
Bryochoerus liupanensis Xue, X. Li, L. Wang, Xian, H. Chen, 2017

Bryodelphax Thulin, 1928 {30 species}
 <Amended by DeMilio *et al.* 2022a>

Bryodelphax aaseae Kristensen, Michalczyk & Kaczmarek, 2010 <Amended by DeMilio *et al.* 2022a>
Bryodelphax alzirae (du Bois-Reymond Marcus, 1944)
Bryodelphax amphoterus (Durante Pasa & Maucci, 1975)
Bryodelphax arenosus Gąsiorek, 2018
Bryodelphax asiaticus Kaczmarek & Michalczyk, 2004
Bryodelphax atlantis Fontoura, Pilato & Lisi, 2008
Bryodelphax australasiaticus Gąsiorek, Vončina, Degma & Michalczyk, 2020
Bryodelphax beniowskii Bartylak, Kayastha, Roszkowska & Kaczmarek, 2022 {in Bartylak *et al.* 2022}
Bryodelphax brevidentatus Kaczmarek, Michalczyk & Degma, 2005
Bryodelphax crossotus Grigarick, Schuster & Nelson, 1983
Bryodelphax decoratus Gąsiorek, Vončina, Degma & Michalczyk, 2020
Bryodelphax dominicanus (Schuster & Toftner, 1982)
Bryodelphax instabilis Gąsiorek & Degma, 2018
Bryodelphax iohannis Bertolani, Guidi & Rebecchi, 1996
Bryodelphax kristenseni Lisi, Daza, Londoño & Quiroga, 2017
Bryodelphax lijiangensis T. Yang, 2002
Bryodelphax maculatus Gąsiorek, Stec, Morek, Marnissi & Michalczyk, 2017
Bryodelphax mareki Kayastha, Roszkowska, Mioduchowska, Gawlak & Kaczmarek, 2021
Bryodelphax mateusi (Fontoura, 1982)
Bryodelphax meronensis Pilato, Lisi & Binda, 2010
Bryodelphax nigripunctatus Degma, Gąsiorek, Vončina & Michalczyk, 2020 {in Gąsiorek *et al.*

2020}

Bryodelphax olszanowskii Kaczmarek, Parnikoza, Gawlak, Esefeld, Peter, Kozeretska & Roszkowska, 2018

Bryodelphax ortholineatus (Bartoš, 1963)

Bryodelphax parvulus Thulin, 1928

Bryodelphax parvuspolaris Kaczmarek, Zawierucha, Smykla & Michalczyk, 2012 <Amended by DeMilio *et al.* 2022a **based on type material**>

Bryodelphax pucapetricolus DeMilio, Tumanov, Lawton, Kristensen & Hansen, 2022

Bryodelphax sinensis (Pilato, 1974)

Bryodelphax tatrensis (Węglarska, 1959)

Bryodelphax wallacearthuri DeMilio, Tumanov, Lawton, Kristensen & Hansen, 2022

Bryodelphax weglarskae (Pilato, 1972)

Claxtonia Gąsiorek & Michalczyk, 2019 {in Gąsiorek *et al.* 2019d} **{16 species}**
<Amended by Degma *et al.* 2021>

Claxtonia aliquantilla (Grigarick, Schuster & Nelson, 1983) <Transferred from *Echiniscus* by Degma *et al.* 2021>

Claxtonia barbarae (Kaczmarek & Michalczyk, 2002) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Claxtonia capillata (Ramazzotti, 1956) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Claxtonia corrugicaudata (McInnes, 2010) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Claxtonia goni Degma, Meyer & Hinton, 2021

Claxtonia malpighii (Biserov, 1994) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Claxtonia marginopora (Grigarick, Schuster & Nelson, 1983) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Claxtonia mauccii (Ramazzotti, 1956) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Claxtonia molluscorum (Fox & Garcia-Moll, 1962) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Claxtonia moniliata (Iharos, 1967) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Claxtonia mosaica (Grigarick, Schuster & Nelson, 1983) <Transferred from *Echiniscus* by Degma *et al.* 2021>

Claxtonia nigripustula (Horning, Schuster & Grigarick, 1978) <Transferred from *Echiniscus* by Degma *et al.* 2021>

Claxtonia pardalis (Degma & Schill, 2015) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d> {*nomen inquirendum* according to Gąsiorek *et al.* 2019d}

Claxtonia pseudowendti (Dastych, 1984) <Transferred from *Echiniscus* to *Barbaria* by Gąsiorek *et al.* 2019d; Transferred from *Barbaria* by Gąsiorek *et al.* 2022a>

Claxtonia vincula (Horning, Schuster & Grigarick, 1978) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Claxtonia wendti (Richters, 1903) [*Echiniscus dearmatus* Bartoš, 1935 according to Gąsiorek *et al.* 2019d, *Echiniscus szaboi* Iharos, 1973 as it was already synonymized with *E. dearmatus*] <*E. wendti* and *E. dearmatus* transferred from *Echiniscus* by Gąsiorek *et al.* 2019d; Redescribed and neotype (from original type locality Svalbard, Norway) designated by Gąsiorek *et al.* 2024a>

Cornechiniscus Maucci & Ramazzotti, 1981 **{11 species}**

<Amended by Gąsiorek 2022>

Cornechiniscus brachycornutus Maucci, 1987 <Amended by Gąsiorek & Michalczyk 2020b based on type material>

Cornechiniscus ceratophorus (Maucci, 1973) <Amended by Gąsiorek & Michalczyk 2020b based on type material>

Cornechiniscus cornutus (Richters, 1907) [*Pseudechiniscus intermedius* Mihelčič, 1970] <Amended by Gąsiorek & Michalczyk 2020b based on Kyrgyz population>

Cornechiniscus holmeni (Petersen, 1951) <Amended by Gąsiorek & Michalczyk 2020b>

Cornechiniscus imperfectus Gąsiorek & Michalczyk, 2020

Cornechiniscus lobatus (Ramazzotti, 1943) [*Pseudechiniscus cornutus* Mihelčič, 1966] <Amended by Gąsiorek & Michalczyk 2020b>

Cornechiniscus madagascariensis Maucci, 1993 <Amended by Gąsiorek & Michalczyk 2020b>

Cornechiniscus mystacinus Gąsiorek, 2022

Cornechiniscus schrammi (Dastyk, 1979) <Amended by Gąsiorek & Michalczyk 2020b>

Cornechiniscus subcornutus Maucci & Ramazzotti, 1981 <Amended by Gąsiorek & Michalczyk 2020b>

Cornechiniscus tibetanus (Maucci, 1979) <Amended by Gąsiorek & Michalczyk 2020b>

Diploechiniscus Vicente, Fontoura, Cesari, Rebecchi, Guidetti, Serrano & Bertolani, 2013 {5 species}

Diploechiniscus dimorphus Vecchi, Guidetti, Vincenzi, Choong & Calhim, 2024

Diploechiniscus laterosetosus (Ito, 1993) <Transferred from *Echiniscus* by Gąsiorek 2023>

Diploechiniscus oihonnae (Richters, 1903) [*Echiniscus multispinosus* da Cunha, 1944 according to Vicente *et al.* 2013; ~~*Echiniscus horningi* Schuster & Grigarick, 1971 according to Kaczmarek *et al.* 2021~~] <Amended and neotype (from Geiranger, Norway) designated by Kaczmarek *et al.* 2021 (original type locality SvalbardMerok, Norway; Geiranger is the current name of Merok.)>

Diploechiniscus horningi (Schuster & Grigarick, 1971) [Synonymized with *D. oihonnae* by Kaczmarek *et al.* 2021 but reinstated as a valid species by Vecchi *et al.* 2024 based on population from Vancouver Island, Canada (original type localities in Oregon, USA)]

Diploechiniscus polygonalis (Ito, 1993) <Transferred from *Echiniscus* by Gąsiorek 2023>

Echiniscus C.A.S. Schultze, 1840 {118 species + 1 subspecies}

<Amended by Gąsiorek *et al.* 2017b, Gąsiorek *et al.* 2021f and Gąsiorek 2023>

Echiniscus africanus Murray, 1907 <Amended by Gąsiorek *et al.* 2022b>

Echiniscus angolensis da Cunha & do Nascimento Ribeiro, 1964

Echiniscus aonikenk Gąsiorek, Bochnak, Vončina & Michalczyk, 2021

Echiniscus apuanus M. Bertolani, 1946 {*nomen dubium* according to Gąsiorek & Vončina 2023}

Echiniscus arcangelii Maucci, 1973-74

Echiniscus arctomys Ehrenberg, 1853 {*nomen inquirendum* according to Gąsiorek *et al.* 2019d}

Echiniscus arthuri Pilato, Binda & Lisi, 2005

Echiniscus attenboroughi Gąsiorek, Vončina, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}

Echiniscus azoricus Fontoura, Pilato & Lisi, 2008

Echiniscus baius Marcus, 1928

Echiniscus baloghi Iharos, 1973

Echiniscus becki Schuster & Grigarick, 1966 {Based on type material, additional characters to the

original description were added by Gąsiorek 2023}

Echiniscus belloporus Gąsiorek & Kristensen, 2018

Echiniscus bisculptus Maucci, 1983

Echiniscus blumi Richters, 1903 [*Echiniscus ramazzottii* Binda & Pilato, 1969; *Echiniscus bisetosus* Heinis, 1908 according to Gąsiorek *et al.* 2019d; *Echiniscus mediantus* Marcus, 1930 according to Gąsiorek *et al.* 2019d; *Echiniscus blumi schizofilus* Bartoš, 1941 according to Gąsiorek & Vončina 2023; *Echiniscus trojanus* Maucci, 1973 according to Gąsiorek & Vončina 2023]

Echiniscus brunus Dey, Gąsiorek & Michalczyk, 2023

Echiniscus calcaratus Richters, 1908

Echiniscus calvus Marcus, 1931

Echiniscus canadensis Murray, 1910 [*Echiniscus punctulatus* Mihelčič, 1955; *Echiniscus bellus* Mihelčič, 1967]

Echiniscus canedoi da Cunha & do Nascimento Ribeiro, 1962

Echiniscus capensis Gąsiorek, Vončina, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}

Echiniscus cavagnaroi Schuster & Grigarick, 1966 <Amended by Meyer 2016 based on type material>

Echiniscus cervicornis Murray, 1906

Echiniscus cheonyoungi Moon & Kim, 1994

Echiniscus clevelandi Beasley, 1999

Echiniscus crassispinosus crassispinosus Murray, 1907 <Amended by Gąsiorek *et al.* 2022b>

Echiniscus crassispinosus fasciatus Marcus, 1928 {*nomen dubium* according to Gąsiorek *et al.* 2022b}

Echiniscus curiosus Claxton, 1996

Echiniscus darienae Miller, Horning & Dastych, 1995

Echiniscus dentatus Vončina, Gąsiorek, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}

Echiniscus dikenli Maucci, 1973

Echiniscus diploglyptus Durante Pasa & Maucci, 1975

Echiniscus divergens Marcus, 1936

Echiniscus draconis Vončina, Gąsiorek, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}

Echiniscus dreyfusi de Barros, 1942

Echiniscus duboisi Richters, 1902 {*nomen inquirendum* according to Gąsiorek *et al.* 2022b}

Echiniscus ehrenbergi Dastych & Kristensen, 1995

Echiniscus elaeinae Pilato, Binda & Lisi, 2005

Echiniscus evelinae de Barros, 1942 <Amended by Gąsiorek *et al.* 2021f based on Argentinian population (original type locality in São Paulo state, Brasil)>

Echiniscus gemmatus Leong, 2024 {in Leong *et al.* 2024}

Echiniscus gracilis Gąsiorek, Vončina, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}

Echiniscus granulatus (Doyère, 1840) [*Echiniscus crassus* Richters, 1904; *Echiniscus fortis* Bartoš, 1935; *Echiniscus abanti* Maucci, 1973; *Echiniscus egnatiae* Durante Pasa & Maucci, 1979 according to Gąsiorek & Vončina 2023; *Echiniscus heterospinosus* Maucci, 1954 according to Gąsiorek & Vončina 2023; *Echiniscus inocelatus* Mihelčič, 1938 according to Gąsiorek & Vončina 2023 - consequently also *Echiniscus inocellatus* Mihelčič, 1964 which is synonymous with *E. inocelatus* according to Degma & Guidetti 2007] <Redescribed and neotype (from Saint-Maur-des-Fossés, France) designated by Gąsiorek & Vončina 2023 (original type locality Paris, France)>

Echiniscus hoonsooi Moon & Kim, 1990

Echiniscus imitans Gąsiorek, Vončina, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}
Echiniscus insuetus Mihelčič, 1967 {*species dubia* according to Gąsiorek *et al.* 2019d}
Echiniscus insularis Gąsiorek, Vončina & Kiosya, 2021 {in Kiosya *et al.* 2021}
Echiniscus intricatus Gąsiorek, Vončina, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}
Echiniscus irroratus Gąsiorek, Vončina, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}
Echiniscus jamesi Claxton, 1996
Echiniscus kerguelensis Richters, 1904
Echiniscus knowltoni Schuster & Grigarick, 1971
Echiniscus kosickii Kaczmarek & Michalczyk, 2010
Echiniscus lapponicus Thulin, 1911 <Redescribed by Gąsiorek & Vončina 2023 based on Norwegian population>
Echiniscus latruncularis Gąsiorek, Vončina, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}
Echiniscus lentiferus Claxton & Dastych, 2017
Echiniscus lichenorum Maucci, 1983 <Amended by Gąsiorek *et al.* 2022b based on South African population> {*nomen inquirendum* according to Gąsiorek *et al.* 2019d; Valid species according to Kaczmarek *et al.* 2022a and Gąsiorek *et al.* 2022b}
Echiniscus lineatus Pilato, Fontoura, Lisi & Beasley, 2008 [*Echiniscus dariae* Kaczmarek & Michalczyk, 2010 in Gąsiorek *et al.* 2019b]
Echiniscus longispinosus Murray, 1907 <Redescribed and neotype (from Western Cape, Tradouw Pass Republic of South Africa) designated by Gąsiorek *et al.* 2022b>
Echiniscus loxophthalmus Richters, 1911 {*species dubia* according to Gąsiorek *et al.* 2019d}
Echiniscus manuelae da Cunha & do Nascimento Ribeiro, 1962
Echiniscus marcusii Pilato, Claxton & Binda, 1989
Echiniscus marginatus Binda & Pilato, 1994
Echiniscus marleyi X. Li, 2007 {*nomen inquirendum* according to Gąsiorek & Vončina 2023}
Echiniscus masculinus Gąsiorek, Vončina & Michalczyk, 2020
Echiniscus meridionalis Murray, 1906 <Transferred to *Testechiniscus* by Kristensen 1987; Re-transferred to *Echiniscus* and redescribed by Gąsiorek 2023 based on South Shetland Islands population>
Echiniscus merokensis Richters, 1904 [*Echiniscus iharosi* Rudescu, 1964; *Echiniscus simba* Marcus, 1928 according to Gąsiorek *et al.* 2019d; *Echiniscus batramiae* Iharos, 1936 according to Gąsiorek & Vončina 2023; *Echiniscus columinis* Murray, 1911 according to Gąsiorek & Vončina 2023; *Echiniscus jagodici* Mihelčič, 1951 according to Gąsiorek & Vončina 2023; *Echiniscus laterospinosus* Rudescu, 1964 according to Gąsiorek & Vončina 2023; *Echiniscus merokensis suecicus* Thulin, 1911 according to Gąsiorek & Vončina 2023]
Echiniscus migiurtinus Franceschi, 1957
Echiniscus militaris Murray, 1911 [*Echiniscus hexacanthus* Maucci, 1973 according to Gąsiorek & Vončina 2023]
Echiniscus minutus Gąsiorek & Michalczyk, 2024
Echiniscus mongoliensis Iharos, 1973 <*E. filamentosus mongoliensis* elevated to species level by Gąsiorek *et al.* 2017b>
Echiniscus montanus Iharos, 1982
Echiniscus murrayi Iharos, 1969
Echiniscus nelsonae X. Li, L. Wang & Yu, 2007
Echiniscus nepalensis Dastych, 1975

Echiniscus oreas Gąsiorek, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}
Echiniscus ornamentatus Gąsiorek & Kristensen, 2018
Echiniscus pajstunensis Bartoš, 1941 {*nomen dubium* according to Gąsiorek & Vončina 2023}
Echiniscus pellucidus Gąsiorek, Bochnak, Vončina & Michalczyk, 2021
Echiniscus perarmatus Murray, 1907 [*Echiniscus maesi* Séméria, 1985 according to Gąsiorek *et al.* 2019d] <Redescribed and neotype (from KwaZulu-Natal, Republic of South Africa) designated by Gąsiorek *et al.* 2022b (original type locality Cape Colony, Republic of South Africa)>
Echiniscus pooensis Rodriguez-Roda, 1948
Echiniscus porabrus Horning, Schuster & Grigarick, 1978
Echiniscus postojnensis Mihelčič, 1967 [*Echiniscus loxoptalmus* Mihelčič, 1939] {*nomen dubium* according to Dastych 2015}
Echiniscus punctus McInnes, 1995 {*nomen inquirendum* according to Gąsiorek & Vončina 2023}
Echiniscus pusae Marcus, 1928
Echiniscus quadrispinosus Richters, 1902 [*Echiniscus scrofa* Richters, 1902; *E. quadrispinosus brachyspinosus* Bartoš, 1934, *E. quadrispinosus cribrosus* Murray, 1907 and *E. quadrispinosus fissispinosus* Murray, 1907 according to Kaczmarek *et al.* 2022a] <Redescribed and neotype (from the original type locality Taunus Mountain Range, Germany) designated by Kaczmarek *et al.* 2022a>
Echiniscus quasiporus Dey, Ostoja-Wilamowski & Michalczyk, 2025
Echiniscus rackae Dastych, 1986
Echiniscus regularis Gąsiorek, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}
Echiniscus reymondi Marcus, 1928
Echiniscus robertsi Schuster & Grigarick, 1965
Echiniscus rodnae Claxton, 1996
Echiniscus rugospinosus Marcus, 1928
Echiniscus scabrocirrosus Gąsiorek, Vončina, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}
Echiniscus scabrospinus Fontoura, 1982 <Amended by Pilato *et al.* 2008b>
Echiniscus semifoveolatus Ito, 1993 {*nomen inquirendum* according to Gąsiorek & Michalczyk 2024}
Echiniscus setaceus Gąsiorek, Vončina, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}
Echiniscus shaanxiensis X. Li, L. Wang & Yu, 2007
Echiniscus siegristi Heinis, 1911
Echiniscus similaris Gąsiorek, Vončina, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}
Echiniscus siticulosus Gąsiorek & Michalczyk, 2020
Echiniscus speciosus Mihelčič, 1967 [*Echiniscus roseus* Mihelčič, 1967] {*species dubia* according to Gąsiorek *et al.* 2019d}
Echiniscus spiculifer Schaudinn, 1901 {*species dubia* according to Gąsiorek *et al.* 2019d}
~~*Echiniscus spiniger* Richters, 1904 {see *E. spinulosus*}~~
Echiniscus spinulosus (Doyère, 1840) [*Echiniscus carusoi* Pilato, 1972 according to Gąsiorek & Vončina 2023; *Echiniscus spiniger* Richters, 1904 according to Gąsiorek & Sørensen 2024] <Redescribed and neotype (from Andalucia, Spain) designated by Gąsiorek & Vončina 2023 (original type locality Saint-Maur-des-Fossés, France)>
Echiniscus succineus Gąsiorek & Vončina, 2019
Echiniscus sylvanus Murray, 1910
Echiniscus taibaiensis L. Wang & X. Li, 2005

Echiniscus tamus Mehlen, 1969 <Amended by Miller & Mehlen 2007>
Echiniscus tantulus Gąsiorek, Bochnak, Vončina & Kristensen, 2020 {in Bochnak *et al.* 2020}
Echiniscus tenuis Marcus, 1928 {Probably *Bryodelphax* according to Gąsiorek *et al.* 2019d}
Echiniscus testudo (Doyère, 1840) [*Echiniscus bellermanni* C.A.S. Schultze, 1840; *Echiniscus inermis* Richters, 1902; *Echiniscus trifilis* Rahm, 1921-1924; *Echiniscus testudo quadrifilis* according to Gąsiorek *et al.* 2017b; *Echiniscus filamentosus* Plate, 1888 according to Gąsiorek *et al.* 2017b; *Echiniscus glaber* Bartoš, 1937 according to Gąsiorek *et al.* 2017b; *Echiniscus peruvianus* Binda & Pilato, 1994 according to Gąsiorek *et al.* 2021f] <Redescribed and neotype (from original type locality Paris, France) designated by Gąsiorek *et al.* 2017b>
Echiniscus tetraspinosus Gąsiorek, Vončina, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}
Echiniscus trisetosus Cuénot, 1932 [*Echiniscus storkani* Bartoš, 1940 according to Gąsiorek *et al.* 2019d; *Echiniscus osellai* Maucci, 1975 according to Gąsiorek & Vončina 2023]
Echiniscus tristis Gąsiorek & Kristensen, 2018
Echiniscus tropicalis Binda & Pilato, 1995
Echiniscus tympanista Murray, 1911
Echiniscus velaminis Murray, 1910
Echiniscus virginicus Riggan, 1962 <Amended by Christenberry & Mason 1979>
Echiniscus weisseri Maucci, 1978
Echiniscus zetotrymus Horning, Schuster & Grigarick, 1978

Hypechiniscus Thulin, 1928 {10 species}
Hypechiniscus africanus Gąsiorek, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}
Hypechiniscus cataractus Gąsiorek, Oczkowski, Kristensen & Michalczyk, 2021 {in Gąsiorek *et al.* 2021d}
Hypechiniscus crassus Gąsiorek, Vončina, Kristensen & Michalczyk, 2021
Hypechiniscus daedalus Gąsiorek, Oczkowski, Bartels, Nelson, Kristensen & Michalczyk, 2021 {in Gąsiorek *et al.* 2021d}
Hypechiniscus exarmatus (Murray, 1907) [*Oreella breviclava* Grigarick, Schuster & Nelson, 1983]
Hypechiniscus fengi X.-Z. Sun & X. Li, 2013 <Amended by Gąsiorek *et al.* 2021d>
Hypechiniscus flavus Gąsiorek, Oczkowski, Suzuki, Kristensen & Michalczyk, 2021 {in Gąsiorek *et al.* 2021d}
Hypechiniscus geminus Gąsiorek, Oczkowski, Suzuki, Kristensen & Michalczyk, 2021 {in Gąsiorek *et al.* 2021d}
Hypechiniscus gladiator (Murray, 1905) [*Parechiniscus unispinosus* da Cunha, 1947] <Amended, the subspecies *bigladii* and the form *fissigladii* suppressed, the form *spinulosa* considered invalid (all three previously described by Iharos 1973) by Gąsiorek *et al.* 2021d>
Hypechiniscus papillifer (Robotti, 1972) {Amended by Gąsiorek *et al.* 2021d}

Kristenseniscus Gąsiorek, Morek, Stec & Michalczyk, 2019 {5 species}
Kristenseniscus exanthema Gąsiorek & Michalczyk, 2024
Kristenseniscus kofordi (Schuster & Grigarick, 1966) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>
Kristenseniscus limai (da Cunha & do Nascimento Ribeiro, 1964) {*nomen inquirendum*}

according to Gąsiorek *et al.* 2019d} <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Kristenseniscus tessellatus (Murray, 1910) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Kristenseniscus walteri (Pilato & Lisi, 2003) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Mopsechiniscus du Bois-Reymond Marcus, 1944 {6 species}

Mopsechiniscus franciscae Guidetti, Rebecchi, Cesari & McInnes, 2014

Mopsechiniscus frenoti Dastych, 1999

Mopsechiniscus granulatus Mihelčič, 1967

Mopsechiniscus imberbis (Richters, 1908)

Mopsechiniscus schusteri Dastych, 1999

Mopsechiniscus tasmanicus Dastych & Moscal, 1992

Multipseudechiniscus Schulte & Miller, 2011 {1 species}

<Amended by Miller *et al.* 2012>

Multipseudechiniscus raneyi (Grigarick, Mihelčič & Schuster, 1964) <Transferred from *Pseudechiniscus* by Schulte & Miller, 2011>

Nebularmis Gąsiorek & Michalczyk, 2019 {in Gąsiorek *et al.* 2019d} {13 species}

<Amended by Gąsiorek *et al.* 2021b>

Nebularmis auratus Gąsiorek & Michalczyk, 2021 {in Gąsiorek *et al.* 2021b}

Nebularmis bhutanensis Veloso, Fontoura & Gąsiorek, 2021 {in Gąsiorek *et al.* 2021b}

Nebularmis burmensis Gąsiorek & Vončina, 2021 {in Gąsiorek *et al.* 2021b}

Nebularmis carsicus (Mihelčič, 1966) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d> {*species dubia* according to Gąsiorek *et al.* 2019d}

Nebularmis cirinoi (Binda & Pilato, 1993) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Nebularmis crebraclava (X.-Z. Sun, X. Li & Feng, 2014) <Transferred from *Echiniscus* to *Claxtonia* by Gąsiorek *et al.* 2019d; Transferred from *Claxtonia* by Gąsiorek *et al.* 2021b>

Nebularmis indicus Gąsiorek, Ciosek & Michalczyk, 2021 {in Gąsiorek *et al.* 2021b}

Nebularmis japonicus (Morikawa, 1951) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d> {*nomen inquirendum* according to Gąsiorek *et al.* 2019a, c}

Nebularmis markezi (Mihelčič, 1971/72) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d> {*nomen inquirendum* according to Gąsiorek *et al.* 2019a}

Nebularmis nobilis (Mihelčič, 1967) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d> {*nomen dubium* according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2019d}

Nebularmis phocae (du Bois-Reymond Marcus, 1944) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d> {*nomen inquirendum* according to Gąsiorek *et al.* 2019a, d}

Nebularmis reticulatus (Murray, 1905) [*Nebularmis mihelcici* (Iharos, 1973) according to Gąsiorek *et al.* 2019a] <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d; Redescribed and neotype (from original type locality Loch Ness shore, Scotland, UK) designated by Gąsiorek *et al.* 2019a; *Nebularmis mihelcici* transferred from *Echiniscus* by Gąsiorek *et al.* 2019d> {*Nebularmis mihelcici* - *species dubia* according to Gąsiorek *et al.* 2019d}

Nebularmis tardus (Mihelčič, 1951) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

{*nomen dubium* according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2019d}

Novechiniscus Kristensen, 1987 {1 species}
Novechiniscus armadilloides (R.O. Schuster, 1975)

Parechiniscus Cuénot, 1926 {1 species}
<Amended by DeMilio *et al.* 2022b>
Parechiniscus chitonides Cuénot, 1926

Proechiniscus Kristensen, 1987 {1 species}
Proechiniscus hanneae (Petersen, 1951)

Pseudechiniscus Thulin, 1911 {2 subgenera}
<Amended by Vecchi *et al.* 2016a>

Subgenus: *Pseudechiniscus* Thulin, 1911 {in Gąsiorek *et al.* 2021c} {29 species + 1 subspecies}
Pseudechiniscus (Pseudechiniscus) alberti Dastych, 1987
Pseudechiniscus (Pseudechiniscus) aquatilis Vončina, Gąsiorek, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}
Pseudechiniscus (Pseudechiniscus) asper Abe, Utsugi & Takeda, 1998 <Amended by Vončina *et al.* 2020>
Pseudechiniscus (Pseudechiniscus) beasleyi X. Li, L. Wang & Yu, 2007
Pseudechiniscus (Pseudechiniscus) bidenticulatus Bartoš, 1963
Pseudechiniscus (Pseudechiniscus) brevimontanus Kendall-Fite & Nelson, 1996
Pseudechiniscus (Pseudechiniscus) chengi Xue, X. Li, L. Wang, Xian, H. Chen, 2017
Pseudechiniscus (Pseudechiniscus) clavatus Mihelčič, 1955 {*species dubia* according to Gąsiorek *et al.* 2021c}
Pseudechiniscus (Pseudechiniscus) dicrani Mihelčič, 1938 {*nomen dubium* according to Dastych 2015}
Pseudechiniscus (Pseudechiniscus) ehrenbergi Roszkowska, Grobys, Bartylak & Kaczmarek, 2020 {in Roszkowska *et al.* 2020}
Pseudechiniscus (Pseudechiniscus) facetialis Petersen, 1951 [*Pseudechiniscus pseudoconifer facetialis* Maucci, 1954]
Pseudechiniscus (Pseudechiniscus) formosus Gąsiorek, Vončina, Kristensen & Michalczyk, 2021
Pseudechiniscus (Pseudechiniscus) insolitus Maucci, 1991
Pseudechiniscus (Pseudechiniscus) jubatus Biserov, 1990
Pseudechiniscus (Pseudechiniscus) lacyformis Roszkowska, Grobys, Bartylak & Kaczmarek, 2020 {in Roszkowska *et al.* 2020}
Pseudechiniscus (Pseudechiniscus) lalitae Kayastha, Bartylak, Gawlak & Kaczmarek, 2020
Pseudechiniscus (Pseudechiniscus) linnaei Vončina, Gąsiorek, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}
Pseudechiniscus (Pseudechiniscus) marinae glarskaš, 1934 {Synonymized to *Pseudechiniscus novaezeelandiae*, accepting it as *P. novaezeelandiae* forma *marinae* by Marcus 1936} <re-elevated to species level by Tumanov 2020a>
Pseudechiniscus (Pseudechiniscus) megacephalus Mihelčič, 1951 {*nomen dubium* according to Dastych 2015 and Gąsiorek *et al.* 2021c}

Pseudechiniscus (Pseudechiniscus) nataliae Biserov & Maucci, 1986 {in Biserov 1986}
Pseudechiniscus (Pseudechiniscus) occultus Dastych, 1980
Pseudechiniscus (Pseudechiniscus) papillosus X. Li, L. Wang, Y. Liu & Su, 2005
Pseudechiniscus (Pseudechiniscus) pseudoconifer Ramazzotti, 1943
Pseudechiniscus (Pseudechiniscus) ramazzottii ramazzottii Maucci, 1952
Pseudechiniscus (Pseudechiniscus) ramazzottii facettalis Iharos, 1964 [*Pseudechiniscus ramazzottii lineatus* Maucci, 1973-74]
Pseudechiniscus (Pseudechiniscus) scortecii Franceschi, 1952
Pseudechiniscus (Pseudechiniscus)shintai Vončina, Kristensen & Gąsiorek, 2020
Pseudechiniscus (Pseudechiniscus) suillus (Ehrenberg, 1853) [*Echiniscus mutabilis* Murray, 1905] <Redescribed and neotype (from the original type locality Monte Rosa mountain massif, Aosta Valley, Italy) designated by Grobys *et al.* 2020>
Pseudechiniscus (Pseudechiniscus) toloro Gąsiorek, Vončina, Kristensen & Michalczyk, 2021
Pseudechiniscus (Pseudechiniscus) xiai L. Wang, Xue & X. Li, 2018

Subgenus: *Meridioniscus* Gąsiorek, Vončina & Michalczyk, 2023 {17 species + 3 forms}
 {First proposed by Gąsiorek *et al.* (2021c) without the ZooBank registration number required for works issued and distributed electronically, consequently the name *Meridioniscus* was not made officially available until its new establishment by Gąsiorek *et al.* 2023b}

Pseudechiniscus (Meridioniscus) angelusalas Roszkowska, Grobys, Bartylak & Kaczmarek, 2020 {in Roszkowska *et al.* 2020}
Pseudechiniscus (Meridioniscus) bartkei Węglarska, 1962
Pseudechiniscus (Meridioniscus) celebesiensis Gąsiorek & Michalczyk, 2024
Pseudechiniscus (Meridioniscus) conifer (Richters, 1904)
Pseudechiniscus (Meridioniscus) dastychi Roszkowska, Grobys, Bartylak & Kaczmarek, 2020 {in Roszkowska *et al.* 2020}
Pseudechiniscus (Meridioniscus) dreyeri Gąsiorek, Vončina, Kristensen & Michalczyk, 2021
Pseudechiniscus (Meridioniscus) indistinctus Roszkowska, Grobys, Bartylak & Kaczmarek, 2020 {in Roszkowska *et al.* 2020}
Pseudechiniscus (Meridioniscus) juanita de Barros, 1939 [*Pseudechiniscus suillus franciscae* de Barros, 1942]
Pseudechiniscus (Meridioniscus) mascarenensis Kiosya, Vončina & Gąsiorek, 2021
Pseudechiniscus (Meridioniscus) novaezeelandiae novaezeelandiae (Richters, 1908)
Pseudechiniscus (Meridioniscus) novaezeelandiae forma *aspinosa* Iharos, 1963 {*nomen dubium* according to Tumanov 2020a}
Pseudechiniscus (Meridioniscus) novaezeelandiae forma *dorsospinosa* Iharos, 1963 {*nomen dubium* according to Tumanov 2020a}
Pseudechiniscus (Meridioniscus) novaezeelandiae forma *laterospinosa* Iharos, 1963 {*nomen dubium* according to Tumanov 2020a}
Pseudechiniscus (Meridioniscus) quadrilobatus Iharos, 1969 [*Pseudechiniscus gullii* Pilato & Lisi, 2006 according to Gąsiorek *et al.* 2021c, *Pseudechiniscus pilato* X. Li, 2007 according to Gąsiorek *et al.* 2021c]
Pseudechiniscus (Meridioniscus) saltensis Rocha, Doma, Gonzales Reyes & Lisi, 2020
Pseudechiniscus (Meridioniscus) santomensis Fontoura, Pilato & Lisi, 2010
Pseudechiniscus (Meridioniscus) spinirectus Pilato, Binda, Napolitano & Moncada, 2001
Pseudechiniscus (Meridioniscus) titianae Vecchi, Cesari, Bertolani, Jönsson, Rebecchi & Guidetti, 2016a

Pseudechiniscus (Meridioniscus) yunnanensis L. Wang, 2009
Pseudechiniscus (Meridioniscus) wallacei Vončina, Gąsiorek, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}

not included in any subgenus {in Gąsiorek *et al.* 2021c} {4 species}
Pseudechiniscus bispinosus (Murray, 1907) {Probably belongs in a different genus according to Gąsiorek *et al.* 2021c}
Pseudechiniscus jiroveci Bartoš, 1963 {*nomen dubium* according to Tumanov 2020a}
Pseudechiniscus shilinensis T. Yang, 2002 {*nomen dubium* according to Gąsiorek *et al.* 2021c}
Pseudechiniscus transsylvanicus Iharos, 1936 {Probably belongs in a different genus according to Gąsiorek *et al.* 2021c}

Stellariscus Gąsiorek, Suzuki, Kristensen & Michalczyk, 2018 {in Gąsiorek *et al.* 2018c} {3 species}
Stellariscus elegans (Richters, 1907) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2018c>
Stellariscus latifasciatus (Dudichev & Biserov, 2000) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2018c>
Stellariscus pseudelegans (Séméria, 1994) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2018c>

Testechiniscus Kristensen, 1987 {3 species + 1 subspecies}
<Amended by Gąsiorek *et al.* 2018b and Gąsiorek 2023>
Testechiniscus laterculus (Schuster, Grigarick & Toftner, 1980) <Amended by Gąsiorek *et al.* 2018b>
Testechiniscus macronyx (Richters, 1908) <Transferred from *Echiniscus* by McInnes 1994>
Testechiniscus spitsbergensis spitsbergensis (Scourfield, 1897) [*Echiniscus clavisetosus* Mihelčič, 1958; *Echiniscus marinellae* Bartoš, 1935; *Echiniscus melanophthalmus* Bartoš, 1936; *Echiniscus menzeli* Heinis, 1917; *Echiniscus rosaliae* Mihelčič, 1951; *Echiniscus spinuloides* Murray, 1907] <Amended by Gąsiorek *et al.* 2018b>
Testechiniscus spitsbergensis tropicalis Gąsiorek, Stec, Zawierucha, Kristensen & Michalczyk, 2018

Viridiscus Gąsiorek & Michalczyk, 2019 {in Gąsiorek *et al.* 2019d} {6 species}
Viridiscus celatus Momeni, Gąsiorek, Nelson & Michalczyk, 2023 {in Momeni *et al.* 2023}
Viridiscus clavispinosus (Fontoura, Pilato & Lisi, 2011) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d> {*nomen inquirendum* according to Momeni *et al.* 2023}
Viridiscus perviridis (Ramazzotti, 1959) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>
Viridiscus viridianus (Pilato, Fontoura & Lisi, 2007) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d; Redescribed by Momeni *et al.* 2023 based on populations from Alabama and Florida, USA>
Viridiscus viridis (Murray, 1910) <Amended by Pilato *et al.* 2008a; Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>
Viridiscus viridissimus (Péterfi, 1956) [*Viridiscus miraviridis* Nelson, Adkins Fletcher, Guidetti, Roszkowska, Grobys & Kaczmarek, 2021 according to Gąsiorek *et al.* 2021e] <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

Zealandiscus Kaczmarek & Roszkowska, 2021 {1 species}

Zealandiscus palmai (Dastych, 1997) <Transferred from *Echiniscus* by Kaczmarek & Roszkowska 2021>

Class: MESOTARDIGRADA Rahm, 1937 {*nomen dubium* according to Grothman *et al.* 2017}
{1 order}

Order: THERMOZODIA Ramazzotti & Maucci, 1983 {1 family}

Family: Thermoziidae Rahm, 1937 {1 genus}

Thermozodium Rahm, 1937 {1 species}

Thermozodium esakii Rahm, 1937

Class: EUTARDIGRADA Richters, 1926 {2 orders}

{Guil *et al.* 2019 proposed new class APOTARDIGRADA Guil, Jørgensen & Kristensen, 2019 for the order APOCHELA, suppressed order PARACHELA and replaced it with class EUTARDIGRADA and elevated superfamilies Eohypsibioidea, Hypsibioidea, Isohypsibioidea and Macrobiotioidea to orders. Morek *et al.* 2020b suppressed all these taxonomic acts}

Order: APOCHELA Schuster, Nelson, Grigarick & Christenberry, 1980 {1 family}
<Amended by Morek *et al.* 2020b>

Family: Milnesiidae Ramazzotti, 1962 {4 genera}
<Amended by Morek *et al.* 2020b>

Bergtrollus Dastych, 2011 {1 species}

Bergtrollus dzimbowski Dastych, 2011

Limmenius Horning, Schuster & Grigarick, 1978 {1 species}

Limmenius porcellus Horning, Schuster & Grigarick, 1978

Milnesioides Claxton, 1999 {1 species}

Milnesioides exsertum Claxton, 1999

Milnesium Doyère, 1840 {53 species + 1 subspecies}
<Amended by Morek *et al.* 2020b>

Milnesium alabamae Wallendorf & Miller, 2009

Milnesium almatyense Tumanov, 2006 <Amended by Morek *et al.* 2020a>

Milnesium alpigenum Ehrenberg, 1853 <Redescribed and neotype (from the original type locality Monte Rosa mountain massif, Aosta Valley, Italy) designated by Morek *et al.* 2019b>
{Valid according to Morek *et al.* 2016}

Milnesium antarcticum Tumanov, 2006

Milnesium argentinum Roszkowska, Ostrowska & Kaczmarek, 2015

Milnesium asiaticum Tumanov, 2006

Milnesium barbadosense Meyer & Hinton, 2012

Milnesium beasleyi Kaczmarek, Jakubowska & Michalczyk, 2012

Milnesium beatae Roszkowska, Ostrowska & Kaczmarek, 2015

Milnesium berladnicorum Ciobanu, Zawierucha, Moglan & Kaczmarek, 2014
Milnesium bohleberi Bartels, Nelson, Kaczmarek & Michalczyk, 2014
Milnesium brachyungue Binda & Pilato, 1990
Milnesium burgessi Schlabach, Donaldson, Hobelman, Miller & Lowman, 2018
Milnesium cassandrae Moreno-Talamantes, Roszkowska, García-Aranda, Flores-Maldonado & Kaczmarek, 2019
Milnesium decorum Morek, Wałach & Michalczyk, 2022
Milnesium dornensis Ciobanu, Roszkowska & Kaczmarek, 2015
Milnesium dujiangensis T. Yang, 2003 {*nomen dubium* according to Morek *et al.* 2016}
Milnesium eury stomum Maucci, 1991 <Amended by Michalczyk *et al.* 2012 based on holotype>
Milnesium fridae Moreno-Talamantes, León-Espinosa, García-Aranda, Flores-Maldonado & Kaczmarek, 2020
Milnesium granulatum Ramazzotti, 1962 <*M. tardigradum granulatum* amended based on paratype and elevated to species level by Michalczyk *et al.* 2012>
Milnesium guanyinensis Yuan, Q. Liu, Y. Wang, L. Liu, Y. Chen & X. Li, 2023
Milnesium inceptum Morek, Suzuki, Schill, Georgiev, Yankova, Marley & Michalczyk, 2019
Milnesium iniquum Brotto-Guidetti, Morek & Garraffoni, 2024
Milnesium irenae Rocha, Gonzáles-Reyes, Ostertag & Lisi, 2022
Milnesium jacobii Meyer & Hinton, 2010
Milnesium katarzynae Kaczmarek, Michalczyk & Beasley, 2004
Milnesium kogui Londoño, Daza, Caicedo, Quiroga & Kaczmarek, 2015
Milnesium krzysztofi Kaczmarek & Michalczyk, 2007
Milnesium lagniappe Meyer, Hinton & Dupré, 2013
Milnesium longiungue Tumanov, 2006
Milnesium matheusi Kaczmarek, Grobys, Kulpa, Bartylak, Kmita, M. Kepel, A. Kepel & Roszkowska, 2019
Milnesium minutum Pilato & Lisi, 2016
Milnesium pacificum Sugiura, Minato, Matsumoto & Suzuki, 2020
Milnesium pelufforum Rocha, Gonzáles-Reyes, Ostertag & Lisi, 2022
Milnesium pentapapillatum Ciosek, Morek & Michalczyk, 2020 {in Morek *et al.* 2020b}
Milnesium pseudotardigradum Surmacz, Morek & Michalczyk, 2019
Milnesium quadrifidum Nederström, 1919 {Valid according to Morek *et al.* 2016}
Milnesium quiranae Rocha, Gonzáles-Reyes, Ostertag & Lisi, 2022
Milnesium rastrum Suzuki, Sugiura, Tsujimoto & McInnes, 2023 {in Suzuki *et al.* 2023}
Milnesium reductum Tumanov, 2006 <Amended by Morek *et al.* 2020a>
Milnesium reticulatum Pilato, Binda & Lisi, 2002 <Amended by Morek *et al.* 2022>
Milnesium sandrae Pilato & Lisi, 2016
Milnesium shilohae Meyer, 2015
Milnesium swansoni Young, Chappell, Miller & Lowman, 2016
Milnesium swolenskyi Bertolani & Grimaldi, 2000 {fossil species}
Milnesium tardigradum tardigradum Doyère, 1840 <Redescribed and neotype (from Zeesen, Wildau, Germany) designated by Michalczyk *et al.* 2012 (original type locality Saint-Maur-des-Fossés, France); Amended by Morek *et al.* 2019a>
Milnesium tardigradum trispinosa Rahm, 1931 {*nomen dubium* according to Morek *et al.* 2016; Not valid according to Suzuki 2016}
Milnesium tetralamellatum Pilato & Binda, 1991
Milnesium tumanovi Pilato, Sabella & Lisi, 2016

Milnesium validum Pilato, Sabella, D'Urso & Lisi, 2017
Milnesium variefidum Morek, Gąsiorek, Stec, Blagden & Michalczyk, 2016
Milnesium vorax Pilato, Sabella & Lisi, 2016
Milnesium wrightae Kaczmarek, Grobys, Kulpa, Bartylak, Kmita, M. Kepel, A. Kepel & Roszkowska, 2019
Milnesium zsalakoe Meyer & Hinton, 2010

Order: PARACHELA Schuster, Nelson, Grigarick & Christenberry, 1980 {4 superfamilies}

Superfamily: Eohypsibioidea Bertolani & Kristensen, 1987 {in Marley *et al.* 2011} {1 family}

Family: Eohypsibiidae Bertolani & Kristensen, 1987 {3 genera}
[Amphibolidae Bertolani, 1981]
<Amended by Trygvadóttir & Kristensen 2011>

Austeruseus Trygvadóttir & Kristensen, 2011 {3 species}
Austeruseus balduri Trygvadóttir & Kristensen 2011
Austeruseus faeroensis Trygvadóttir & Kristensen 2011
Austeruseus rokuri Trygvadóttir & Kristensen 2011

Bertolanus Özdikmen, 2008 {8 species}
[*Amphibolus* Bertolani, 1981 according to Özdikmen 2008]
<Amended by Trygvadóttir & Kristensen 2011>
Bertolanus birnae Hansen, Kristensen, Bertolani & Guidetti, 2016
Bertolanus mahunkai (Iharos, 1971)
Bertolanus markevichi (Biserov, 1992)
Bertolanus nebulosus (Dastych, 1983)
Bertolanus portucalensis Fontoura, Pilato, Lisi & Morais, 2009
Bertolanus smreczynskii (Węglarska, 1970)
Bertolanus volubilis (Durante Pasa & Maucci, 1975)
Bertolanus weglarskae (Dastych, 1972)

Eohypsibius Kristensen, 1982 {2 species}
<Amended by Trygvadóttir & Kristensen 2011>
Eohypsibius nadjae Kristensen, 1982
Eohypsibius terrestris Ito, 1988

Superfamily: Hypsibioidea Pilato, 1969 {in Marley *et al.* 2011} {7 families}
<Amended by Bertolani *et al.* 2014 and by Gąsiorek *et al.* 2018a>

Family: Acutuncidae Vecchi, Tsvetkova, Stec, Ferrari, Calhim & Tumanov, 2023 {1 genus}

Acutuncus Pilato & Binda, 1997 {4 species}
<Transferred from Hypsibiinae to *incerta subfamilia* within Hypsibiidae by Bertolani *et al.* 2014;
Transferred from Hypsibiidae and amended by Vecchi *et al.* 2023b>
Acutuncus antarcticus (Richters, 1904) [*Hypsibius simoizumii* Sudzuki, 1964]
Acutuncus giovanninia Vecchi, Tsvetkova, Stec, Ferrari, Calhim & Tumanov, 2023

Acutuncus mariae Zawierucha, 2020 {in Zawierucha *et al.* 2020}
Acutuncus mecnuffi Vecchi, Tsvetkova, Stec, Ferrari, Calhim & Tumanov, 2023

Family: Calohypsibiidae Pilato, 1969 {1 genus}
<Amended by Bertolani *et al.* 2014 and by Gąsiorek *et al.* 2019c>

Calohypsibius Thulin, 1928 {3 species}
Calohypsibius maliki Michalczyk & Kaczmarek, 2005
Calohypsibius ornatus (Richters, 1900) [*Hypsibius* (*Calohypsibius*) *armatus* Bartoš, 1938;
Hypsibius (*Calohypsibius*) *intermedius* Mihelčič, 1939]
Calohypsibius schusteri Nelson & McGlothlin, 1996

Family: Hypsibiidae Pilato, 1969 {2 subfamilies}
<Amended by Bertolani *et al.* 2014 and by Gąsiorek *et al.* 2018a>

Subfamily: Diphasconinae Dastych, 1992 {3 genera}
<Amended by Bertolani *et al.* 2014 and by Gąsiorek & Michalczyk 2020a>

Diphascon Plate, 1888 {41 species + 1 subspecies}
<Amended by Bertolani *et al.* 2014>

Diphascon alpinum Murray, 1906 {*nomen dubium* according to Dastych 2015 and Tumanov & Tsvetkova 2023}
Diphascon australianum Pilato & Binda, 1998
Diphascon bicornis (Mihelčič, 1971) {*nomen dubium* according to Dastych 2015}
Diphascon bidropion Ito, 1995
Diphascon birklehofti Rolf Schuster, 1999
Diphascon chilense Plate, 1888 {*species inquirenda* according to Dastych 2002/2003, *nomen dubium* according to Dastych 2015}
Diphascon claxtonae Pilato & Binda, 1998
Diphascon coniferens (Bartoš, 1960)
Diphascon dastychi Pilato & Binda, 1999
Diphascon dolomiticum Pilato & Bertolani, 2005
Diphascon faialense Fontoura & Pilato, 2007
Diphascon greveni Dastych, 1984 <Transferred to *Adropion* by Bertolani *et al.* 2014; Re-transferred to *Diphascon* by Tumanov & Tsvetkova 2023; Amended by Gąsiorek *et al.* 2023a2024b>
Diphascon halapiense (Iharos, 1964) <Transferred to *Pilatobius* by Bertolani *et al.* 2014; Re-transferred to *Diphascon* by Tumanov 2018>
Diphascon higginsii Binda, 1971
Diphascon humicus Bertolani, Guidetti & Rebecchi, 1994
Diphascon hydrophilum Pilato, Binda, Bertolani & Lisi, 2005
Diphascon iharosi Vargha, 1995
Diphascon langhovdense (Sudzuki, 1964)
Diphascon marcuzzii (Mihelčič, 1971)
Diphascon mariae (Mihelčič, 1951) {*nomen dubium* according to Dastych 2015}
Diphascon maucii Dastych & McInnes, 1996 <Transferred to *Adropion* by Bertolani *et al.* 2014; Re-transferred to *Diphascon* by Tumanov & Tsvetkova 2023>

Diphascon mirabilis Dastych, 1984
Diphascon mitrense Pilato, Binda & Qualtieri, 1999
Diphascon nelsonae Pilato, Binda, Bertolani & Lisi, 2005
Diphascon nobilei (Binda, 1969)
Diphascon ongulense (Morikawa, 1962)
Diphascon pingue pingue (Marcus, 1936)
Diphascon pingue brunsvicense Argue, 1972
Diphascon pinguiforme Pilato & Binda, 1997/98
Diphascon platyungue Pilato, Binda, Bertolani & Lisi, 2005
Diphascon polare Pilato & Binda, 1999
Diphascon puchalskii Kaczmarek, Parnikoza, Gawlak, Esefeld, Peter, Kozeretska & Roszkowska, 2018
Diphascon punctatum (Iharos, 1962)
Diphascon puniceum (Jennings, 1976)
Diphascon rivulare (Mihelčič, 1967) {*nomen dubium* according to Dastych 2015}
Diphascon rudnickii Kaczmarek, Parnikoza, Gawlak, Esefeld, Peter, Kozeretska & Roszkowska, 2018
Diphascon sanae Dastych, Ryan & Watkins, 1990
Diphascon serratum Pilato, Binda, Bertolani & Lisi, 2005
Diphascon speciosum (Mihelčič, 1971) {*nomen dubium* according to Dastych 2015}
Diphascon stappersi Richters, 1911
Diphascon victoriae Pilato & Binda, 1999
Diphascon zaniewi Kaczmarek & Michalczyk, 2004

Kararehius Zawierucha, Stec & Shain, 2023 {in Zawierucha *et al.* 2023} {4 species}
Kararehius behanae (Dastych, 1987) <Transferred from *Adropion* by Zawierucha *et al.* 2023>
Kararehius gregorii Zawierucha, 2023 {in Zawierucha *et al.* 2023}
Kararehius tricuspdatum (Binda & Pilato, 2000) <Transferred from *Adropion* by Zawierucha *et al.* 2023>
Kararehius triodon (Maucci, 1996) <Transferred from *Adropion* by Zawierucha *et al.* 2023>

Kopakaius Zawierucha & Shain, 2023 {in Zawierucha *et al.* 2023} {1 species}
Kopakaius nicolae Zawierucha, 2023 {in Zawierucha *et al.* 2023}

Subfamily: Hypsibiinae Pilato, 1969 {4 genera}
 <Amended by Bertolani *et al.* 2014>

Borealibius Pilato, Guidetti, Rebecchi, Lisi, Hansen & Bertolani, 2006 {1 species}
Borealibius zetlandicus (Murray, 1907)

Cryobiotus Dastych, 2019 {4 species}
Cryobiotus janetscheki (Ramazzotti, 1968) <Transferred from *Hypsibius* by Dastych 2019>
Cryobiotus klebelsbergi (Mihelčič, 1959) <Transferred from *Hypsibius* by Dastych 2019>
Cryobiotus thaleri (Dastych, 2004) <Transferred from *Hypsibius* by Dastych 2019>
Cryobiotus roswithae Dastych, 2019

Hypsibius Ehrenberg, 1848 {31 species}

<Amended by Gąsiorek *et al.* 2018a>

Hypsibius allisoni Horning, Schuster & Grigarick, 1978

Hypsibius antonovae (Biserov, 1990)

~~*Hypsibius biscuitiformis* Bartoš, 1960 {see *Parahypsibius*}~~

~~*Hypsibius calcaratus* Bartoš, 1935 {see *Parahypsibius*}~~

~~*Hypsibius camelopardalis* Ramazzotti & Maucci, 1983 {see *Parahypsibius*}~~

Hypsibius choucoutiensis Rahm, 1937

Hypsibius convergens (Urbanowicz, 1925)

Hypsibius conwentzii Kaczmarek, Parnikoza, Gawlak, Esefeld, Peter, Kozeretska & Roszkowska, 2018

Hypsibius dujardini (Doyère, 1840) [*Macrobiotus palustris* Dujardin, 1851; *Macrobiotus lacustris* Dujardin, 1851; *Macrobiotus tetradactylus* Lance, 1896; *Macrobiotus samoanus* Richters, 1908; *Macrobiotus breckneri* Richters, 1910; *Macrobiotus ursellus* Della Valle, 1915; *Hypsibius murrayi* Marcus, 1929] <Amended by Gąsiorek *et al.* 2018a>

Hypsibius exemplaris Gąsiorek, Stec, Morek & Michalczyk, 2018

Hypsibius fuhrmanni (Heinis, 1914) {Subjectively invalid according to Gąsiorek *et al.* 2018a}

Hypsibius giusepperamazzotti Sudzuki, 1975

Hypsibius hypostomus Bartoš, 1935

Hypsibius iskandarovi Tumanov, 1997

Hypsibius kunmingensis T. Yang, 2002

~~*Hypsibius macrocalcaratus* Beasley, 1988 {see *Parahypsibius*}~~

Hypsibius maculatus Iharos, 1969

Hypsibius marcelli Pilato, 1990

Hypsibius microps Thulin, 1928 <Amended by Kaczmarek & Michalczyk 2009>

Hypsibius montanus Iharos, 1940 [*Hypsibius iharosi* Bartoš, 1941 according to Degma & Guidetti 2007]

Hypsibius morikawai Ito, 1995

Hypsibius multituberculatus Pilato, Binda & Lisi, 2003

Hypsibius murrayi (Richters, 1907) [*Hypsibius heardensis* Miller, McInnes & Bergstrom, 2005 according to Dastyk 2018] <Redescribed by Dastyk 2018 based on type specimens and additional material from South Georgia and Kerguelen>

Hypsibius nivalis Ono, Takeuchi & Zawierucha, 2022

Hypsibius novaezeelandiae Pilato & Binda, 1997

Hypsibius pachyunguis Maucci, 1996

Hypsibius pallidus Thulin, 1911 <Amended by Kaczmarek & Michalczyk 2009>

Hypsibius pedrottii Bertolani, Manicardi & Gibertoni, 1987

Hypsibius pradellii Bertolani & Rebecchi, 1996

~~*Hypsibius ragonesei* Binda & Pilato, 1985 {see *Parahypsibius*}~~

Hypsibius repentinus Tumanov & Avdeeva, 2021

~~*Hypsibius roanensis* Nelson & McGlothlin, 1993 {see *Parahypsibius*}~~

~~*Hypsibius runae* Bartoš, 1941 {see *Parahypsibius*}~~

~~*Hypsibius seabropygus* Cuénot, 1929 {see *Parahypsibius*}~~

Hypsibius septulatus Pilato, Binda, Napolitano & Moncada, 2004

Hypsibius seychellensis Pilato, Binda & Lisi, 2006

Hypsibius shaanxiensis H. Li & X. Li, 2008

~~*Hypsibius stiliferus* Abe, 2004 {see *Parahypsibius*}~~

Hypsibius valentinae Pilato, Kiosya, Lisi & Sabella, 2012

Hypsibius vaskelae Tumanov, 2018

Parahypsibius Gąsiorek, 2024 {in Gąsiorek *et al.* 2024c} {9 species}

Parahypsibius biscuitiformis (Bartoš, 1960) <Transferred from *Hypsibius* by Gąsiorek *et al.* 2024c>

Parahypsibius calcaratus (Bartoš, 1935) <Transferred from *Hypsibius* by Gąsiorek *et al.* 2024c>

Parahypsibius camelopardalis (Ramazzotti & Maucci, 1983) <Transferred from *Hypsibius* by Gąsiorek *et al.* 2024c>

Parahypsibius macrocalcaratus (Beasley, 1988) <Transferred from *Hypsibius* by Gąsiorek *et al.* 2024c>

Parahypsibius ragonesei (Binda & Pilato, 1985) <Transferred from *Hypsibius* by Gąsiorek *et al.* 2024c>

Parahypsibius roanensis (Nelson & McGlothlin, 1993) <Transferred from *Hypsibius* by Gąsiorek *et al.* 2024c>

Parahypsibius scabropygus (Cuénot, 1929) <Transferred from *Hypsibius* by Gąsiorek *et al.* 2024c>

Parahypsibius runae (Bartoš, 1941) <Transferred from *Hypsibius* by Gąsiorek *et al.* 2024c>

Parahypsibius stiliferus (Abe, 2004) <Transferred from *Hypsibius* by Gąsiorek *et al.* 2024c>

Incerta subfamilia {according to Bertolani *et al.* 2014}

Mixibius Pilato, 1992 {11 species}

<Transferred from Isohypsibiidae by Bertolani *et al.* 2014>

{To be confirmed in the family Isohypsibiidae, see Marley *et al.* 2011}

Mixibius felix Pilato, Sabella, D'Urso & Lisi, 2017

Mixibius fueginus Pilato & Binda, 1996

Mixibius gibbosus Lisi, Daza, Londoño & Quiroga, 2022

Mixibius ninguidus Biserov, 1999

Mixibius ornatus Pilato, Binda, Napolitano & Moncada, 2002

Mixibius parvus Lisi, Sabella & Pilato, 2014

Mixibius pilatoi L. Wang, 2009

Mixibius saracenus (Pilato, 1973)

Mixibius schnurrae Pilato, Lisi & Binda, 2010

Mixibius sutirae Pilato, Binda & Lisi 2004

Mixibius tibetanus H. Li & X. Li, 2008

Incerta subfamilia {according to Mapalo *et al.* 2024}

Beorn Cooper, 1964 {1 species}

<Transferred from the family Beornidae Cooper, 1964 (with unclear placement into any superfamily according to Marley *et al.* 2011) by Mapalo *et al.* 2024>

Beorn leggi Cooper, 1964 {fossil species}

Family: Itaquasconidae Rudescu, 1964 {12 genera}

<Amended by Bertolani *et al.* 2014 and by Gąsiorek & Michalczyk 2020a; Elevated from the subfamily level in Hypsibiidae by Tumanov & Tsvetkova 2023 however, Gąsiorek *et al.* 2024b do not recognized the validity of this proposal>

{Rudescu (1964) first published the name of the family Itaquasconidae based on draft of the monograph by Bartoš (1967) which he lent to Rudescu and which was finally published later than it was planned}

Adropion Pilato, 1987 {12 species}

<Subgenus *Adropion* of the genus *Diphascon* elevated to genus level and transferred from Diphasconinae by Bertolani *et al.* 2014; Amended by Gąsiorek & Michalczyk 2020a>
Adropion afroglacialis Zawierucha, Gąsiorek & Buda, 2018 {in Zawierucha *et al.* 2018a}
Adropion belgicae (Richters, 1911) <Amended by Bernard 1977 and by Gąsiorek *et al.* 2023a2024b>

Adropion camtchaticum Tumanov & Kalimullin, 2024

Adropion diphasconiellum (Ito, 1991) <*Fujiscon diphasconiellum* Ito, 1991 was synonymized with *Adropion belgicae* by Maucci 1996; Gąsiorek *et al.* 2023a2024b considered it as a valid species>

Adropion fagineum Vecchi, 2024

Adropion gani (X.-Z. Sun, X. Li & Feng, 2014) {*nomen inquirendum* according to Gąsiorek *et al.* 2023a2024b}

Adropion gordonense (Pilato, Claxton & Horning, 1991)

Adropion linzhiensis (X. Li, 2007)

Adropion marcusii (Rudescu, 1964) <Transferred from *Mesocrista* by Gąsiorek *et al.* 2016> {*nomen dubium* according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2016; For taxonomic status of the species see Gąsiorek *et al.* 2016}

Adropion ommatophorum (Thulin, 1911) <*Adropion scoticum ommatophorum* elevated to species level by Gąsiorek *et al.* 2023a2024b>

Adropion onorei (Pilato, Binda, Napolitano & Moncada, 2002)

Adropion scoticum (Murray, 1905) [*Diphascon crozetense* Richters, 1907] <Redescribed and neotype (from Drum Castle, Drumoak Scotland) designated by Gąsiorek *et al.* 2023a2024b (original type locality areas around Edinburgh, Scotland); *Adropion scoticum qinlingensis* (X. Li & Y. Liu, 2005) suppressed by Gąsiorek *et al.* 2023a2024b>

Arctodiphascon Tumanov & Tsvetkova, 2023 {2 species}

Arctodiphascon tenue (Thulin, 1928) <Transferred from *Diphascon* by Tumanov & Tsvetkova 2023> {Based on type material, additional character to the original description was added by Tumanov & Tsvetkova 2023}

Arctodiphascon wuyingensis (X.-L. Sun, J.-Y. Zhang, N. Wang, M. Zhao & Luo, 2020) <Tentatively transferred from *Diphascon* by Tumanov & Tsvetkova 2023>

Astatumen Pilato, 1997 {4 species}

<Amended by Tumanov & Tsvetkova 2023>

Astatumen bartosi (Węglarska, 1959)

Astatumen tamaensis (Sudzuki, 1975)

Astatumen tamurai (Ito, 1990)

Astatumen trinacriae (Arcidiacono, 1962) [*Itaquascon ramazzottii* Iharos, 1966]

Bindius Pilato, 2009 {1 species}

<Transferred from Diphasconinae by Bertolani *et al.* 2014>

Bindius triquetrus Pilato, 2009

Guidettion Gąsiorek & Michalczyk, 2020 {6 species}

{The genus described in Gąsiorek & Michalczyk, 2020a, Supporting Information}

Guidettion arduifrons (Thulin, 1928) <Transferred from *Adropion* by Gąsiorek & Michalczyk 2020a> {*nomen inquirendum* according to Gąsiorek *et al.* 2023a2024b}

Guidettion clavatum (Bartoš, 1935) <Transferred from *Adropion* by Gąsiorek & Michalczyk 2020a>

Guidettion modestum (Binda, Pilato & Dastych, 1984) <Transferred from *Adropion* by Gąsiorek & Michalczyk 2020a>

Guidettion montigenum (Pilato & Dastych, 1974) <Transferred from *Adropion* by Gąsiorek & Michalczyk 2020a>

Guidettion prorsirostre (Thulin, 1928) [*Guidettion carolae* (Binda & Pilato, 1969), previously transferred from *Adropion* by Gąsiorek & Michalczyk 2020a, synonym according to Gąsiorek *et al.* 2023a2024b] <Transferred from *Adropion* by Gąsiorek & Michalczyk 2020a; Redescribed and neotype (from Bennachie, Little Oxen Craig, Scotland) designated by Gąsiorek *et al.* 2023a2024b (original type localities Killin (Scotland), Notteryd (Sweden), Mecklenburg (Germany))>

Guidettion vexatum (Pilato, Sabella, D'Urso & Lisi, 2017) <Transferred from *Adropion* by Gąsiorek & Michalczyk 2020a> {*nomen inquirendum* according to Gąsiorek *et al.* 2023a2024b}

Insulobius Gąsiorek & Michalczyk, 2020 {1 species}

{The genus described in Gąsiorek & Michalczyk, 2020a, Supporting Information}

Insulobius orientalis Gąsiorek & Michalczyk, 2020

Itaquascon de Barros, 1939 {12 species}

<Amended by Gąsiorek & Michalczyk 2020a and by Massa *et al.* 2021>

Itaquascon biserovi Pilato, Binda & Moncada, 1999

Itaquascon cambewarrense Pilato, Binda & Claxton, 2002

Itaquascon enckelli (Mihelčič, 1971/72) {*nomen dubium* according to Gąsiorek *et al.* 2023a2024b}

Itaquascon magnussoni Massa, Guidetti, Cesari, Rebecchi & Jönsson, 2021

Itaquascon mongolicus Kaczmarek, Michalczyk & Węglarska, 2002

Itaquascon pilatoi Lisi, Londoño & Quiroga, 2014

Itaquascon pisoniae Pilato & Lisi, 2009

Itaquascon placophorum Maucci, 1973

Itaquascon serratum Gąsiorek & Michalczyk, 20232024 {in Gąsiorek *et al.* 2023a2024b}

Itaquascon simplex (Mihelčič, 1971) {*nomen dubium* according to Gąsiorek *et al.* 2023a2024b}

Itaquascon umbellinae de Barros, 1939

Itaquascon unguiculum Pilato, Binda & Claxton, 2002

Mesocrista Pilato, 1987 {2 species}

Mesocrista revelata Gąsiorek, Stec, Morek, Zawierucha, Kaczmarek, Lachowska-Cierlik & Michalczyk, 2016

Mesocrista spitzbergensis (Richters, 1903) <Amended by Gąsiorek *et al.* 2016>

Parascon Pilato & Binda, 1987 {2 species}

Parascon nichollsae Pilato & Lisi, 2004
Parascon schusteri Pilato & Binda, 1987

Platicrista Pilato, 1987 {12 species}

[*Meplitumen* Lisi, Daza, Londoño, Quiroga & Pilato, 2019 according to Tumanov & Tsvetkova 2023]

<Amended by Scheirer *et al.* 2024 and Gąsiorek 2025>

Platicrista affine (Mihelčič, 1951) {Objectively invalid according to Gąsiorek *et al.* 2023a2024b}

Platicrista aluna (Lisi, Daza, Londoño, Quiroga & Pilato, 2019) <Transferred from *Meplitumen* by Tumanov & Tsvetkova 2023>

Platicrista angustata (Murray, 1905) <Redescribed and neotype (from Hill of Foudland, Scotland) designated by Gąsiorek *et al.* 2023a2024b (original type locality Loch Ness shore, Scotland)>

Platicrista borneensis Gąsiorek & Michalczyk, 20232024 {in Gąsiorek *et al.* 2023a2024b}

Platicrista brunsoni Miller & J.D. Miller, 2021 <Amended by Gąsiorek *et al.* 2023a2024b based on material from Wyoming, USA (original type locality in Montana, USA)>

Platicrista carpathica Gąsiorek, 20232024 {in Gąsiorek *et al.* 2023a2024b}

Platicrista cheleusis Kathman, 1990 [*Diphascaon craigi* Beasley, 1990]

Platicrista horribilis Kaczmarek & Michalczyk, 2003 <Amended by Gąsiorek *et al.* 2023a2024b based on material from Montenegro (original type locality in Mongolia)>

Platicrista itaquasconoide (Durante Pasa & Maucci, 1975) <Transferred from *Platicrista* to *Meplitumen* by Massa *et al.* 2021; Re-transferred from *Meplitumen* by Tumanov & Tsvetkova 2023> {*nomen inquirendum* according to Gąsiorek *et al.* 2023a2024b}

Platicrista loloensis Scheirer, Miller & J.D. Miller, 2024

Platicrista nivea Gąsiorek, 20232024 {in Gąsiorek *et al.* 2023a2024b}

Platicrista ramsayi Marley, 2006

Raribius Gąsiorek & Michalczyk, 2020 {3 species}

{The genus described in Gąsiorek & Michalczyk, 2020a, Supporting Information}

Raribius globuliferus (Abe & Ito, 1994) <Transferred from *Itaquascaon* by Gąsiorek & Michalczyk 2020a>

Raribius minutissimus Gąsiorek & Michalczyk, 20232024 {in Gąsiorek *et al.* 2023a2024b}

Raribius pawlowskii (Węglarska, 1973) <Transferred from *Itaquascaon* by Gąsiorek & Michalczyk 2020a>

Sarascon Guil, Rodrigo & Machordom, 2014 {1 species}

Sarascon hortensiae Guil, Rodrigo & Machordom, 2014

Family: Microhypsibiidae Pilato, 1998 {2 genera}

<Amended by Gąsiorek *et al.* 2019c>

Fractonotus Pilato, 1998 {1 species}

<Amended and transferred from Microhypsibiidae to Isohypsibiidae by Gąsiorek *et al.* 2019c; Re-transferred to Microhypsibiidae by Bertolani 2024>

Fractonotus caelatus (Marcus, 1928)

Fractonotus gilvus (Biserov, 1986) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019c> {see *Isohypsibius*}

Fractonotus verrucosus (Richters, 1900) [~~*Macrobiotus scabrosus* Murray, 1911 according to Marcus 1928, *Calohypsibius placophorus* (da Cunha, 1943) according to Gąsiorek *et al.* 2019e~~] <Amended and transferred from *Calohypsibius* by Gąsiorek *et al.* 2019e> {see *Isohypsibius*};

Microhypsibius Thulin, 1928 {4 species}

Microhypsibius bertolanii Kristensen, 1982

Microhypsibius japonicus Ito, 1991

Microhypsibius minimus Kristensen, 1982

Microhypsibius truncatus Thulin, 1928

Family: Pilatobiidae Bertolani, Guidetti, Marchioro, Altiero, Rebecchi & Cesari, 2014 {4 genera} <Amended by Gąsiorek & Michalczyk 2020a; Elevated from the subfamily level in Hypsibiidae by Tumanov & Tsvetkova 2023 however, Gąsiorek *et al.* 2024b do not recognized the validity of this proposal>

Degmion Gąsiorek, Morek & Michalczyk, 2023/2024 {in Gąsiorek *et al.* 2023a/2024b} {6 species}

Degmion burti (Nelson, 1991) <Transferred from *Diphascon* to *Pilatobius* by Bertolani *et al.* 2014; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a/2024b>

Degmion nodulosum (Ramazzotti, 1957) <Transferred from *Diphascon* to *Pilatobius* by Bertolani *et al.* 2014; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a/2024b>

Degmion nuominense (X.-L. Sun, J.-Y. Zhang, N. Wang, M. Zhao & Luo, 2021) <Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a/2024b>

Degmion oculatum (Murray, 1906) <Transferred from *Diphascon* to *Pilatobius* by Bertolani *et al.* 2014; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a/2024b; Redescribed and neotype (from Oxen Craig, Aberdeenshire, Scotland, UK) designated by Gąsiorek *et al.* 2023a/2024b (original type locality Hopetoun Wood, Broxburn, Scotland, UK); *Pilatobius oculatus alpium* (Mihelčič, 1964) {*nomen dubium* according to Dastyk 2015} and *Pilatobius oculatus canadensis* (Murray, 1910) {*nomen dubium* according to Gąsiorek *et al.* 2023a/2024b} [synonym *Hypsibius vancouverensis* Thulin, 1911] - both transferred from *Diphascon* by Bertolani *et al.* 2014 and suppressed by Gąsiorek *et al.* 2023a/2024b>

Degmion opisthoglyptum (Maucci, 1987) <Transferred from *Diphascon* to *Pilatobius* by Tumanov 2018; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a/2024b>

Degmion rugocaudatum (Rodriguez Roda, 1952) <Transferred from *Diphascon* to *Pilatobius* by Bertolani *et al.* 2014; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a/2024b> {*nomen inquirendum* according to Gąsiorek *et al.* 2023a/2024b}

Fontourion Gąsiorek, Morek & Michalczyk, 2023/2024 {in Gąsiorek *et al.* 2023a/2024b} {6 species}

Fontourion boreale (Biserov, 1996) <Transferred from *Diphascon* to *Pilatobius* by Bertolani *et al.* 2014; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a/2024b>

Fontourion brevipes (Marcus, 1936) <Transferred from *Diphascon* to *Pilatobius* by Bertolani *et al.* 2014; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a/2024b>

Fontourion glaciale (Zawierucha, Buda & Gąsiorek, 2020) {in Zawierucha *et al.* 2020} <Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a/2024b>

Fontourion islandicum (Buda & Zawierucha, 2018) {in Buda *et al.* 2018} <Transferred from

Pilatobius by Gąsiorek *et al.* 2023a2024b>

Fontourion recamieri (Richters, 1911) <Transferred from *Diphascon* to *Pilatobius* by Bertolani *et al.* 2014; Amended by Gąsiorek *et al.* 2017a; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a2024b>

Fontourion secchii (Bertolani & Rebecchi, 1996) <Transferred from *Diphascon* to *Pilatobius* by Bertolani *et al.* 2014; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a2024b> {*nomen inquirendum* according to Gąsiorek *et al.* 2017a}

Notahypsibius Tumanov, 2020 {3 species}

Notahypsibius arcticus (Murray, 1907) [*Macrobiotus heinisi* Richters, 1907] <Transferred from *Hypsibius* to *Ramazzottius* by Gąsiorek *et al.* 2018a; transferred from *Ramazzottius* by Tumanov 2020b>

Notahypsibius pallidoides (Pilato, Kiosya, Lisi, Inshina & Biserov, 2011) <Amended and transferred from *Hypsibius* by Tumanov 2020b>

Notahypsibius scaber (Maucci, 1987) <Transferred from *Hypsibius* by Tumanov 2020b>

Pilatobius Bertolani, Guidetti, Marchioro, Altiero, Rebecchi & Cesari, 2014 {15 species}
<Amended by Tumanov 2020b>

Pilatobius aculeatus (Maucci, 1951-1952) <Transferred from *Diphascon* by Bertolani *et al.* 2014>

Pilatobius bisbullatus (Iharos, 1964) <Transferred from *Diphascon* by Bertolani *et al.* 2014>

Pilatobius bullatus (Murray, 1905) [*Pilatobius trachydorsatus* (Bartoš, 1937), previously transferred from *Diphascon* by Bertolani *et al.* 2014, synonym according to Gąsiorek *et al.* 2023a2024b] <Transferred from *Diphascon* by Bertolani *et al.* 2014; Amended by Gąsiorek *et al.* 2023a2024b>

Pilatobius elongatus (Mihelčič, 1959) {*nomen dubium* according to Dastych 2015} <Transferred from *Diphascon* by Bertolani *et al.* 2014>

Pilatobius gerdae (Mihelčič, 1951) <Transferred from *Diphascon* by Bertolani *et al.* 2014> {*nomen dubium* according to Dastych 2015}

Pilatobius granifer (Greven, 1972) <Transferred from *Diphascon* by Bertolani *et al.* 2014>

Pilatobius iltisi (Schuster & Grigarick, 1965) <Transferred from *Diphascon* by Bertolani *et al.* 2014; Amended by Gąsiorek *et al.* 2023a2024b based on material from North Korea and Russia (original type localities in California, USA)>

Pilatobius latipes (Mihelčič, 1955) <Transferred from *Diphascon* by Bertolani *et al.* 2014> {*nomen dubium* according to Dastych 2015}

Pilatobius nonbullatus (Mihelčič, 1951) <Transferred from *Diphascon* by Bertolani *et al.* 2014> {*nomen dubium* according to Dastych 2015}

Pilatobius patanei (Binda & Pilato, 1971) <Transferred from *Diphascon* by Bertolani *et al.* 2014>

Pilatobius procerus (Pilato, Sabella & Lisi, 2014) <Transferred from *Diphascon* by Tumanov 2018>

Pilatobius ramazzottii (Robotti, 1970) <Transferred from *Diphascon* by Bertolani *et al.* 2014>

Pilatobius rugosus (Bartoš, 1935) <Transferred from *Diphascon* by Bertolani *et al.* 2014>

Pilatobius sexbullatus (Ito, 1995) <Transferred from *Diphascon* by Bertolani *et al.* 2014>

Pilatobius ziliense (Lisi, Sabella & Pilato, 2014) <Transferred from *Diphascon* by Tumanov 2018>

Family: Ramazzottiidae Sands, McInnes, Marley, Goodall-Copestake, Convey & Linse, 2008 {3 genera}

{Sands *et al.* 2008 reported as taxon name Ramazzottidae but the correct name is Ramazzottiidae in compliance with the International Code of Zoological Nomenclature}

Cryoconicus Zawierucha, Stec, Lachowska-Cierlik, Takeuchi, Z. Li & Michalczyk, 2018 {4 species}

<Amended by Guidetti *et al.* 2019b>

Cryoconicus antiarktos Guidetti, Massa, Bertolani, Rebecchi & Cesari, 2019

Cryoconicus cataphractus (Maucci, 1974) <Transferred from *Ramazzottius* by Zawierucha *et al.* 2018b; Amended by Guidetti *et al.* 2019b>

Cryoconicus kaczmareki Zawierucha, Stec, Lachowska-Cierlik, Takeuchi, Z. Li & Michalczyk, 2018

Cryoconicus ljudmilae (Biserov, 1997/98) <Amended and transferred from *Ramazzottius* by Guidetti *et al.* 2019b>

Hebesuncus Pilato, 1987 {4 species}

Hebesuncus conjungens (Thulin, 1911)

Hebesuncus mollispinus Pilato, McInnes & Lisi, 2012

Hebesuncus ryani Dastych & Harris, 1994 <Amended by Guidetti *et al.* 2019b>

Hebesuncus schusteri (Dastych, 1984)

Ramazzottius Binda & Pilato, 1986 {32 species}

Ramazzottius affinis Bertolani, Guidetti & Rebecchi, 1994

Ramazzottius agannae Dastych, 2011

Ramazzottius andreevi Biserov, 1997/98

Ramazzottius anomalus (Ramazzotti, 1962)

Ramazzottius baumanni (Ramazzotti, 1962)

Ramazzottius belubellus Bartels, Nelson, Kaczmarek & Michalczyk, 2011

Ramazzottius bunikowskiae Kaczmarek, Michalczyk & Diduszko, 2006

Ramazzottius caucasicus Biserov, 1997/98

Ramazzottius claudii Vecchi & Stec, 2024

Ramazzottius conifer (Mihelčič, 1938) <Transferred from *Hypsibius* by Gašiorek *et al.* 2018a>

Ramazzottius edmondabouti Séméria, 1993 {*species dubia* according to Guidetti *et al.* 2022a}

Ramazzottius groenlandensis Kihm, Zawierucha, Rho & Park, 2023

Ramazzottius horningi Binda & Pilato, 1994

Ramazzottius kretschmanni Guidetti, Cesari, Giovannini, Ebel, Förschler & Schill, 2022

Ramazzottius libycus Pilato, D'Urso & Lisi, 2013

Ramazzottius littoreus Fontoura, Rubal & Veiga, 2017

Ramazzottius montivagus (Dastych, 1983)

Ramazzottius nivalis Dastych, 2006 <Amended by Guidetti *et al.* 2019b>

Ramazzottius novemcinctus (Marcus, 1936) {*nomen dubium* according to Stec *et al.* 2018}

Ramazzottius oberhauseri (Doyère, 1840) <Amended by Stec *et al.* 2018>

Ramazzottius rupeus Biserov, 1999

Ramazzottius sabatiniae Guidetti, Massa, Bertolani, Rebecchi & Cesari, 2019

Ramazzottius saltensis (Claps & Rossi, 1984)

Ramazzottius semisculptus Pilato & Rebecchi, 1992

Ramazzottius subanomalous (Biserov, 1985)

Ramazzottius syraxi Polishchuk, Kayastha, Warguła & Kaczmarek, 2025 {in Polishchuk *et al.* 2025}

Ramazzottius szeptycki (Dastyh, 1980) <Amended by Dastyh 2009>

Ramazzottius theroni Dastyh, 1993

Ramazzottius thulini (Pilato, 1970)

Ramazzottius tribulosus Bertolani & Rebecchi, 1988

Ramazzottius valaamis Biserov & Tumanov, 1993

Ramazzottius varieornatus Bertolani & Kinchin, 1993

Incerta familia {according to Mapalo *et al.* 2024}

{The following genus is placed in Hypsibioidea but outside families of the superfamily, see Mapalo *et al.* 2024}

Aerobius Mapalo, Wolfe & Ortega-Hernández, 2024 {1 species}

Aerobius dactylus Mapalo, Wolfe & Ortega-Hernández, 2024 {fossil species}

Superfamily: Isohypsibioidea Sands, McInnes, Marley, Goodall-Copestake, Convey & Linse, 2008 {5 families}

<Amended by Bertolani *et al.* 2014 and by Gąsiorek *et al.* 2019e>

Family: Doryphoribiidae Gąsiorek, Stec, Morek & Michalczyk, 2019 {7 genera}

Apodibius Dastyh, 1983 {3 species}

<Transferred from 'incertae sedis' to Isohypsibiidae by Dabert *et al.* 2013; Transferred from Isohypsibiidae by Gąsiorek *et al.* 2019e>

Apodibius confusus Dastyh, 1983

Apodibius nuntius Binda, 1984 [*Apodibius serventyi* Morgan & Nicholls, 1986]

Apodibius richardi Vargha, 1995

Doryphoribius Pilato, 1969 {42 species}

<Transferred from Isohypsibiidae by Gąsiorek *et al.* 2019e>

Doryphoribius amazonicus Lisi, 2011

Doryphoribius barbarae Beasley & Miller, 2012

Doryphoribius bertolanii Beasley & Pilato, 1987

Doryphoribius bindae Lisi, 2011

Doryphoribius cephalogibbosus Rocha, Doma, Gonzales Reyes & Lisi, 2020

Doryphoribius chetumalensis Pérez-Pech, Anguas-Escalante, Cutz-Pool & Guidetti, 2017

Doryphoribius dawkinsi Michalczyk & Kaczmarek, 2010

Doryphoribius doryphorus (Binda & Pilato, 1969)

Doryphoribius dupliglobulatus Ito, 1995

Doryphoribius elleneddiei Haefke, Spiers, Miller & Lowman, 2014

Doryphoribius evelinae (Marcus, 1928)

Doryphoribius flavus (Iharos, 1966) [*Doryphoribius citrinus* (Maucci, 1973)] <Amended by Lisi 2011>

Doryphoribius gibber Beasley & Pilato, 1987 {Based on type material analysis, additional character to the original description was added by Pilato & Lisi 2006}

Doryphoribius huangguoshuensis H. Wang, L. Wang & X. Li, 2007
Doryphoribius koreanus Moon, Kim & Bertolani, 1994
Doryphoribius korganovae Biserov, 1994
Doryphoribius longistipes Bartels, Nelson, Kaczmarek & Michalczyk, 2008
Doryphoribius macrodon Binda, Pilato & Dastych, 1980
Doryphoribius maasaimarensis Fontoura, Lisi & Pilato, 2013
Doryphoribius maranguensis Binda & Pilato, 1995
Doryphoribius mariae Pilato & Binda, 1990
Doryphoribius mcinnesae Meng, X.-Z. Sun & X. Li, 2014
Doryphoribius mexicanus Beasley, Kaczmarek & Michalczyk, 2008
Doryphoribius minimus Bartels, Nelson, Kaczmarek & Michalczyk, 2008
Doryphoribius monstruosus (Maucci, 1991) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
Doryphoribius neglectus Pilato & Lisi, 2004
Doryphoribius niedbalai Zawierucha, Michalczyk & Kaczmarek, 2012
Doryphoribius picoensis Fontoura, Pilato & Lisi, 2008
Doryphoribius pilatoi Bertolani, 1984
Doryphoribius polynettae Biserov, 1988
Doryphoribius qinlingense X. Li, Su & Yu, 2004
Doryphoribius quadrituberculatus Kaczmarek & Michalczyk, 2004
Doryphoribius rosanae Daza, Caicedo, Lisi & Quiroga, 2017
Doryphoribius smokiensis Bartels, Nelson, Kaczmarek & Michalczyk, 2007
Doryphoribius solidunguis Lisi, 2011
Doryphoribius taiwanus X. Li & H. Li, 2008
Doryphoribius tergumrudis Bartels, Nelson, Kaczmarek & Michalczyk, 2008
Doryphoribius tessellatus Meyer, 2011
Doryphoribius turkmenicus Biserov, 1999
Doryphoribius vietnamensis (Iharos, 1969)
Doryphoribius zappalai Pilato, 1971
Doryphoribius zyxiglobus (Horning, Schuster & Grigarick, 1978) <Amended by Claxton *et al.* 2010>

Grevenius Gąsiorek, Stec, Morek & Michalczyk, 2019 {34 species}

~~*Grevenius annulatus annulatus* (Murray, 1905) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e> {see *Cucumibius*}~~

~~*Grevenius annulatus minor* (Ramazzotti, 1945) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e> {see *Cucumibius annulatus*}~~

Grevenius asper (Murray, 1906) [*Isohypsibius tetradactyloides* (Richters, 1907)] <Dastych 2016 amended *I. tetradactyloides* and synonymized it with *I. asper*; Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Grevenius baicalensis (Ramazzotti, 1966) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Grevenius baldii (Ramazzotti, 1945) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Grevenius baldioides (Tumanov, 2003) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Grevenius brevitubulatus (Rho, Chang & Kim, 1997) {in Rho *et al.* 1997} <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Grevenius cryophilus Zawierucha, Buda, Novotna Jaromerska & Gąsiorek, 2020 {in Zawierucha et al. 2020}

Grevenius deconincki (Pilato, 1971) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius deflexus (Mihelčič, 1960) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius fuscus (Mihelčič, 1971/72) {*nomen inquirendum* according to Gąsiorek et al. 2019e} <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius granditintinus (Chang & Rho, 1996) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius granulifer (Thulin, 1928) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e; Redescribed by Gąsiorek 2024 based on topotypic population>

Grevenius hydrogogianus (Ito & Tagami, 1993) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius karenae (Zawierucha, 2013) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius kenodontis (Kendall-Fite & Nelson, 1996) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius koreanensis (Iharos, 1971) <*Isohypsibius granulifer koreanensis* elevated to species level and transferred by Gąsiorek et al. 2019e> {*nomen inquirendum* according to Gąsiorek et al. 2019e}

Grevenius kotovae (Tumanov, 2003) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius kristenseni (Pilato, Catanzaro & Binda, 1989) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius ladogensis (Tumanov, 2003) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius laevis (McInnes, 1995) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius lineatus (Mihelčič, 1969) {*nomen dubium* according to Dastych 2015; *nomen inquirendum* according to Gąsiorek et al. 2019e} <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius longiunguis (Pilato, 1974) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius malawiensis (Jørgensen, 2001) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius marii (Bertolani, 1982) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius monoicus (Bertolani, 1982) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius myrops (du Bois-Reymond Marcus, 1944) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius nipponicus (Sudzuki, 1975) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e> {*nomen inquirendum* according to Gąsiorek et al. 2019e}

Grevenius pulcher (Mihelčič, 1971/72) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e> {*nomen inquirendum* according to Gąsiorek et al. 2019e}

Grevenius pushkini (Tumanov, 2003) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius rugosus (Guidi & Grabowski, 1996) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e> {*nomen inquirendum* according to Gąsiorek et al. 2019e}

Grevenius rusticus (Pilato, Sabella & Lisi, 2015) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius sismicus (Maucci, 1978) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius tuberculatus (Pilato & Catanzaro, 1989) <Transferred from *Isohypsibius* by Gąsiorek et al. 2019e>

Grevenius verae (Pilato & Catanzaro, 1989) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Grevenius zappalai (Pilato, Sabella & Lisi, 2015) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Paradiphascon Dastych, 1992 {1 species}

<Transferred from Diphasconinae to Isohypsibiidae by Bertolani *et al.* 2014; Transferred from Isohypsibiidae by Gąsiorek *et al.* 2019e>

Paradiphascon manningi Dastych, 1992

Paradoryphoribius Mapalo, Robin, Boudinot, Ortega-Hernández & Barden, 2021 {1 species}

Paradoryphoribius chronocaribbeus Mapalo, Robin, Boudinot, Ortega-Hernández & Barden, 2021 {fossil species}

Pseudobiotus Nelson, 1980 {in Schuster *et al.* 1980} {7 species}

<Transferred from Isohypsibiidae by Gąsiorek *et al.* 2019e>

Pseudobiotus hirsutellus Pilato, Lisi & Binda, 2010

Pseudobiotus kathmanae Nelson, Marley & Bertolani, 1999

Pseudobiotus longiunguis (Iharos, 1968) {*species dubia* according to Gąsiorek *et al.* 2019e}

Pseudobiotus matici (Pilato, 1971)

Pseudobiotus megalonyx (Thulin, 1928)

Pseudobiotus spinifer Chang, Kaczmarek, Lee & Michalczyk, 2007

Pseudobiotus vladimiri Biserov, Dudichev & Biserova, 2001 <Amended by Chang *et al.* 2007>

Thulinus Bertolani, 2003 {7 species}

[*Thulinia* Bertolani, 1982]

<Transferred from Isohypsibiidae by Gąsiorek *et al.* 2019e>

Thulinus augusti (Murray, 1907) [*Macrobiotus lacustris* Wenck, 1914] {Murray (1907) used the name *Macrobiotus augusti* in the text, but finally the name *M. augusti* in Fig. 25. Marcus (1928, p. 194) as the “First Reviser“ of the species (*sensu* ICZN, Art. 24.2.3.) selected *Macrobiotus augusti* as the valid name, while *M. augusti* must be considered an erroneous name}

Thulinus gustavi Massa, Guidetti, Cesari, Rebecchi & Jönsson, 2021

Thulinus itoi (Tsurusaki, 1980)

Thulinus romanoi Bertolani, Bartels, Guidetti, Cesari & Nelson, 2014

Thulinus ruffoi (Bertolani, 1982)

Thulinus saltursus (Schuster, Toftner & Grigarick, 1978) <Amended and transferred from *Isohypsibius* by Kaczmarek *et al.* 2010>

Thulinus stephaniae (Pilato, 1974)

Family: Halobiotidae Gąsiorek, Stec, Morek & Michalczyk, 2019 {1 genus}

Halobiotus Kristensen, 1982 {5 species}

<Transferred from Isohypsibiidae by Gąsiorek *et al.* 2019e>

Halobiotus appelloefi (Richters, 1908) <Transferred from *Macrobiotus* by Gąsiorek *et al.* 2019e> {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}

Halobiotus arcturulus Crisp & Kristensen, 1983

Halobiotus crispae Kristensen, 1982

Halobiotus geddesi (Hallas, 1971) <Transferred from *Hypsibius* by Gąsiorek *et al.* 2019e>
{*nomen inquirendum* according to Gąsiorek *et al.* 2019e}

Halobiotus stenostomus (Richters, 1908)

Family: Hexapodibiidae Cesari, Vecchi, Palmer, Bertolani, Pilato, Rebecchi & Guidetti, 2016 {4
genera}

<Amended by Gąsiorek *et al.* 2019e>

Haplohexapodibius Pilato & Beasley, 1987 {1 species}

<Transferred from Calohypsibiidae to Isohypsibiidae by Bertolani *et al.* 2014; Transferred from
Isohypsibiidae by Cesari *et al.* 2016>

Haplohexapodibius seductor Pilato & Beasley, 1987 [*Hexapodibius beasleyi* Maucci, 1988]

Haplomacrobotus May, 1948 {2 species}

<Transferred from Calohypsibiidae to Isohypsibiidae by Bertolani *et al.* 2014; Transferred from
Isohypsibiidae by Cesari *et al.* 2016>

Haplomacrobotus hermosillensis May, 1948

Haplomacrobotus utahensis Pilato & Beasley, 2005

Hexapodibius Pilato, 1969 {6 species}

<Transferred from Calohypsibiidae to Isohypsibiidae by Bertolani *et al.* 2014; Transferred from
Isohypsibiidae by Cesari *et al.* 2016>

Hexapodibius bindae Pilato, 1982

Hexapodibius boothi Dastych & McInnes, 1994

Hexapodibius christenberryae Pilato & Binda, 2003

Hexapodibius micronyx Pilato, 1969

Hexapodibius pseudomicronyx Robotti, 1972

Hexapodibius reginae Vargha, 1995

Parhexapodibius Pilato, 1969 {5 species}

<Transferred from Calohypsibiidae to Isohypsibiidae by Bertolani *et al.* 2014; Transferred from
Isohypsibiidae by Cesari *et al.* 2016>

Parhexapodibius bactrianus Biserov, 1999

Parhexapodibius castrii (Ramazzotti, 1964)

Parhexapodibius lagrecai (Binda & Pilato, 1969)

Parhexapodibius pilatoi (Bernard, 1977)

Parhexapodibius ramazzottii Manicardi & Bertolani, 1987

Family: Isohypsibiidae Sands, McInnes, Marley, Goodall-Copestake, Convey & Linse, 2008 {9
genera}

<Amended by Gąsiorek *et al.* 2019e>

Chilibius Tumanov, Shunatova & Fedjuk, 2025 {1 species}

{The genus described in Tumanov *et al.* 2025, Supporting Information}

Chilibius sculptus (Ramazzotti, 1962) <Transferred from *Isohypsibius* by Tumanov *et al.* 2025>

Cucumibius Tumanov, Shunatova & Fedjuk, 2025 {1 species}

{The genus described in Tumanov *et al.* 2025, Supporting Information}

Cucumibius annulatus (Murray, 1905) [*Grevenius annulatus minor* (Ramazzotti, 1945) transferred from *Isohypsibius* to *Grevenius* by Gąsiorek *et al.* 2019e and synonymized by Tumanov *et al.* 2025] <Transferred from *Isohypsibius* to *Grevenius* by Gąsiorek *et al.* 2019e; Transferred from *Grevenius* by Tumanov *et al.* 2025>

Dastychius Pilato, 2013 {1 species}

Dastychius improvisus (Dastych, 1984) <Transferred from *Isohypsibius* by Pilato 2013; Amended by Mioduchowska *et al.* 2021>

Dianea Gąsiorek, Stec, Morek & Michalczyk, 2019 {16 species}

Dianea acuminata Gąsiorek, Stec, Morek & Michalczyk, 2019 {This species correspond to *Isohypsibius papillifer indicus* (Iharos, 1969) elevated to species level and renamed by Gąsiorek *et al.* 2019e as the name *Dianea indica* was already occupied by *Dianea indica* (Murray, 1907)}

Dianea basalovoi (Durante & Maucci, 1973) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Dianea bella (Mihelčič, 1971) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e> {*nomen dubium* according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2019e}

Dianea belliforma (Mihelčič, 1971) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e> {*nomen dubium* according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2019e}

Dianea brevispinosa (Iharos, 1966) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e> {*species dubia* according to Gąsiorek *et al.* 2019e}

Dianea costata (Mihelčič, 1971) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e> {*nomen dubium* according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2019e}

Dianea effusa (Mihelčič, 1971) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e> {*nomen dubium* according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2019e}

Dianea franzi (Mihelčič, 1951) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e> {*nomen dubium* according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2019e}

Dianea helenae (Iharos, 1964) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e> {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}

Dianea indica (Murray, 1907) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e> {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}

Dianea mammillosa (Iharos, 1964) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e> {*species dubia* according to Gąsiorek *et al.* 2019e}

Dianea papillifera (Murray, 1905) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e; *Isohypsibius papillifer bulbosus* (Marcus, 1928) suppressed by Gąsiorek *et al.* 2019e>

Dianea rahmi (X. Li & L. Wang, 2006) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Dianea sattleri (Richters, 1902) [*Hypsibius bakonyiensis* Iharos, 1964] <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Dianea tuberculoides (Mihelčič, 1951) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

{*nomen dubium* according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2019e}

Dianeajvejdovskyi (Bartoš, 1939) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
{*nomen inquirendum* according to Gąsiorek *et al.* 2019e}

Eremobiotus Biserov, 1992 {3 species}

<Amended by Camarda *et al.* 2024>

Eremobiotus alicatai (Binda, 1969) <Redescribed by Camarda *et al.* 2024 based on type material and a new topotypic population>

Eremobiotus ginevrae Lisi, Binda & Pilato, 2016 <Amended by Camarda *et al.* 2024 based on type material>

Eremobiotus ovezovae Biserov, 1992

Fractonotus Pilato, 1998 {see Microhypsibiidae}

<Amended and transferred from Microhypsibiidae by Gąsiorek *et al.* 2019e>

Fractonotus caelatus (Marcus, 1928)

Fractonotus gilvus (Biserov, 1986) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Fractonotus verrucosus (Richters, 1900) [*Macrobiotus scabrosus* Murray, 1911 according to Marcus 1928, *Calohypsibius placophorus* (da Cunha, 1943) according to Gąsiorek *et al.* 2019e] <Amended and transferred from *Calohypsibius* by Gąsiorek *et al.* 2019e>

Isohypsibius Thulin, 1928 {43 species}

<Amended by Gąsiorek *et al.* 2019e>

Isohypsibius arbiter Binda, 1980

Isohypsibius archangajensis Kaczmarek & Michalczyk, 2004

Isohypsibius arcuatus (Bartoš, 1934)

Isohypsibius barbarae Pilato & Binda, 2002

Isohypsibius borkini Tumanov, 2003

Isohypsibius brulloi Pilato & Pennisi, 1976

Isohypsibius cambrensis (Morgan, 1976) <*I. prosostomus cambrensis* elevated to species level by Gąsiorek *et al.* 2019e>

Isohypsibius campbellensis Pilato, 1996

Isohypsibius canadensis (Murray, 1910) {*species dubia* according to Gąsiorek *et al.* 2019e}

Isohypsibius ceciliae Pilato & Binda, 1987

Isohypsibius changbaiensis T. Yang, 1999 {*species dubia* according to Gąsiorek *et al.* 2019e}

Isohypsibius chiarae Maucci, 1987 [*Isohypsibius bertolanii* Manicardi, 1989]

Isohypsibius condorcanquii Kaczmarek, Cytan, Zawierucha, Diduszko & Michalczyk, 2014

Isohypsibius coulsoni Kaczmarek, Zawierucha, Smykla & Michalczyk, 2012

Isohypsibius damxungensis T. Yang, 2007 {*species dubia* according to Gąsiorek *et al.* 2019e}

Isohypsibius dastychi Pilato, Bertolani & Binda, 1982

Isohypsibius gilvus (Biserov, 1986) <Transferred from *Isohypsibius* to *Fractonotus* by Gąsiorek *et al.* 2019c; Re-transferred to *Isohypsibius* by Bertolani 2024>

Isohypsibius glazovi Biserov, 1999

Isohypsibius hadzii (Mihelčič, 1938) {*nomen dubium* according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2019e}

Isohypsibius jakieli Dastych, 1984

Isohypsibius jingshanensis T. Yang, 2003 {*species dubia* according to Gąsiorek *et al.* 2019e}

Isohypsibius jinhouensis T. Yang, 2007 {*species dubia* according to Gąsiorek *et al.* 2019e}
Isohypsibius liae X. Li & L. Wang, 2006 {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}

Isohypsibius macrodactylus (Maucci, 1978) [*Isohypsibius zierhofferi* Dastych, 1980]

Isohypsibius marcellinoi Binda & Pilato, 1971

Isohypsibius occultus Pilato, D'Urso, Sabella & Lisi, 2019

Isohypsibius palmae Pilato, 1996

Isohypsibius panovi Tumanov, 2005

Isohypsibius pauper (Mihelčič, 1971) {*nomen dubium* according to Dastych 2015; *nomen inquirendum* according to Gąsiorek *et al.* 2019e}

Isohypsibius prosostomus Thulin, 1928

Isohypsibius pseudundulatus (da Cunha & do Nascimento Ribeiro, 1964)

Isohypsibius reticulatus Pilato, 1973

Isohypsibius sabellai Pilato, Binda, Napolitano & Moncada, 2004

Isohypsibius schaudinni (Richters, 1909) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}

~~*Isohypsibius sculptus* (Ramazzotti, 1962) {see *Chilibius*}~~

Isohypsibius sellnicki (Mihelčič, 1962) {*nomen dubium* according to Dastych 2015}

Isohypsibius solidus (Mihelčič, 1971) {*nomen dubium* according to Dastych 2015}

Isohypsibius taibaiensis X. Li & L. Wang, 2005

Isohypsibius tuberculatus (Plate, 1888) {*nomen dubium* according to Dastych 2015; *nomen inquirendum* according to Gąsiorek *et al.* 2019e}

Isohypsibius undulatus Thulin, 1928

Isohypsibius verrucosus (Della Valle, 1915) [*Isohypsibius gibbus* (Marcus, 1928) according to Degma & Guidetti 2007] {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}

***Isohypsibius* verrucosus** (Richters, 1900) [*Macrobiotus scabrosus* Murray, 1911 according to Marcus 1928, *Calohypsibius placophorus* (da Cunha, 1943) according to Gąsiorek *et al.* 2019c] <Amended and transferred from *Calohypsibius* to *Fractonotus* by Gąsiorek *et al.* 2019c; Transferred to *Isohypsibius* by Bertolani 2024> {A short article concerning homonymy of both species is ready for publication}

Isohypsibius wilsoni (Horning, Schuster & Grigarick, 1978)

Isohypsibius yunnanensis T. Yang, 2002 {*species dubia* according to Gąsiorek *et al.* 2019e}

Ursulinius Gąsiorek, Stec, Morek & Michalczyk, 2019 {36 species}

Ursulinius austriacus (Iharos, 1966) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Ursulinius bartosi (Iharos, 1966) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e> {*species dubia* according to Gąsiorek *et al.* 2019e}

Ursulinius bulbifer (Mihelčič, 1957) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e> {*nomen dubium* according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2019e}

Ursulinius cameruni (Iharos, 1969) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Ursulinius cyrilli (Mihelčič, 1951) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e> {*nomen dubium* according to Dastych 2015}

Ursulinius dudichi (Iharos, 1964) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Ursulinius duranteae (Maucci, 1978) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Ursulinius elegans (Binda & Pilato, 1971) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Ursulinius eplenyiensis (Iharos, 1970) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
Ursulinius glaber (Durante Pasa & Maucci, 1979) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
Ursulinius gracilis (Iharos, 1966) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
 {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}
Ursulinius gyulai (Mihelčič, 1971) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
 {*nomen dubium* according to Dastyč 2015; *species dubia* according to Gąsiorek *et al.* 2019e}
Ursulinius hypostomoides (Mihelčič, 1971) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
 {*nomen dubium* according to Dastyč 2015}
Ursulinius josephi (Iharos, 1964) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
Ursulinius latiunguis (Iharos, 1964) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
 {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}
Ursulinius leithaicus (Iharos, 1966) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
Ursulinius lunulatus (Iharos, 1966) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
 {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}
Ursulinius mihelcici (Iharos, 1964) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
 {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}
Ursulinius montanus (Mihelčič, 1938) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
 {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}
Ursulinius neoundulatus (Durante Pasa & Maucci, 1975) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
Ursulinius nodosus (Murray, 1907) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
 {*nomen dubium* according to Dastyč 2015}
Ursulinius novaeguineae (Iharos, 1967) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
Ursulinius pappi (Iharos, 1966) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
Ursulinius pilatoi (Durante Pasa & Maucci, 1979) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
Ursulinius pratensis (Iharos, 1964) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
 {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}
Ursulinius qinlingensis (X. Li, L. Wang & Yu, 2005) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
Ursulinius roberti (Biserov, 1996) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
Ursulinius ronsisvallei (Binda & Pilato, 1969) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
Ursulinius rudescui (Iharos, 1966) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
Ursulinius septentrionalis (Thulin, 1928) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
Ursulinius silvicola (Iharos, 1966) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
 {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}
Ursulinius theresiae (Iharos, 1964) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
 {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}
Ursulinius torulosus (Mihelčič, 1959) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
 {*nomen dubium* according to Dastyč 2015}
Ursulinius truncorum (Iharos, 1964) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
Ursulinius tucumanensis (Claps & Rossi, 1984) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

al. 2019e>

Ursulinius woodsae (Kathman, 1990) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>

Vladimirobius Kaczmarek, Bartylak & Roszkowska, 2020 {1 species}

Vladimirobius irregibilis (Biserov, 1992) <Transferred from *Isohypsibius* to *Grevenius* by Gąsiorek *et al.* 2019e> <Transferred from *Grevenius* by Kaczmarek *et al.* 2020a>

Weglarskobius Kaczmarek, Bartylak & Roszkowska, 2020 {1 species}

Weglarskobius altai (Kaczmarek & Michalczyk, 2006) <Transferred from *Isohypsibius* by Kaczmarek *et al.* 2020a>

Family: Ramajendidae Tumanov, 2022 {1 genus}

Ramajendas Pilato & Binda, 1990 {4 species}

<Transferred from Ramazzottiidae to Isohypsibiidae by Zawierucha *et al.* 2018b; Transferred from Isohypsibiidae to *Incertae sedis* by Gąsiorek *et al.* 2019e; Transferred from *Incertae sedis* by Tumanov 2022>

{Probably belongs to the family Ramazzottiidae according to Bertolani *et al.* 2014}

Ramajendas dastychi Kaczmarek, Janko, Smykla & Michalczyk, 2013

Ramajendas frigidus Pilato & Binda, 1990

Ramajendas heatwolei Miller, Horning & Dastych, 1995

Ramajendas renaudi (Ramazzotti, 1972)

Incertae sedis

{according to Gąsiorek *et al.* 2019e}

Thalerius Dastych, 2009 {1 species}

<Transferred from Ramazzottiidae to Isohypsibiidae by Zawierucha *et al.* 2018b; Transferred from Isohypsibiidae to *Incertae sedis* by Gąsiorek *et al.* 2019e>

{To be confirmed in the family Isohypsibiidae, see Marley *et al.* 2011; Probably belongs to the family Ramazzottiidae according to Bertolani *et al.* 2014}

Thalerius konradi Dastych, 2009

Superfamily: Macrobiotioidea Thulin, 1928 {in Marley *et al.* 2011} {4 families}

Family: Adorybiotidae Stec, Vecchi & Michalczyk, 2020 {in Stec *et al.* 2020f} {2 genera}

Adorybiotus Maucci & Ramazzotti, 1981 {1 species}

<Transferred from *Macrobiotidae* to Richtersiidae by Guidetti *et al.* 2016; Transferred from Richtersiidae by Stec *et al.* 2020f; Belonging to Richtersiidae according to Guidetti *et al.* 2021>

Adorybiotus granulatus (Richters, 1903)

Crenubiotus Lisi, Londoño & Quiroga, 2020 {5 species}

<Transferred from *Macrobiotidae* to Richtersiidae by Lisi *et al.* 2020; Transferred from Richtersiidae by Stec *et al.* 2020f; Belonging to Richtersiidae according to Guidetti *et al.* 2021>

Crenubiotus crenulatus (Richters, 1904) [*Macrobiotus dentatus* Binda, 1974] <Redescribed, neotype (from Palabione, Valtellina, Italy) designated and transferred from *Macrobiotus* by Lisi *et al.* 2020; Redescribed and new neotype (from the original type locality Svalbard, Norway) designated by Stec *et al.* 2020f>

Crenubiotus liangshuiensis J.-Y. Zhang, X.-L. Sun, N. Wang, Hao, Ma, N. Zhao, H. Li, M. Zhao & S.-T. Yang, 2024

Crenubiotus revelator Lisi, Londoño & Quiroga, 2020

Crenubiotus ruhestei Guidetti, Schill, Giovannini, Massa, Goldoni, Ebel, Förschler, Rebecchi & Cesari, 2021

Crenubiotus salishani Vecchi, Choong & Calhim, 2022

Family: Macrobiotidae Thulin, 1928 {15 genera}

Biserovus Guidetti & Pilato, 2003 {1 species}

Biserovus bindae (Christenberry & Higgins, 1979)

Calcarobiotus Dastych, 1993 {2 subgenera}

Subgenus: *Calcarobiotus* Dastych, 1993 {8 species}

<Amended by Kaczmarek *et al.* 2006>

Calcarobiotus (*Calcarobiotus*) *digeronimoi* Pilato, Binda & Lisi, 2004

Calcarobiotus (*Calcarobiotus*) *filmeri* Dastych, 1993

Calcarobiotus (*Calcarobiotus*) *gildae* (Maucci & Durante Pasa, 1980)

Calcarobiotus (*Calcarobiotus*) *hainanensis* X. Li, D. Wang & L. Wang, 2008

Calcarobiotus (*Calcarobiotus*) *imperialis* Abe & Takeda, 2000

Calcarobiotus (*Calcarobiotus*) *longinoi* Kaczmarek, Michalczyk & Guidetti, 2006

Calcarobiotus (*Calcarobiotus*) *occultus* Dastych, 1993

Calcarobiotus (*Calcarobiotus*) *parvicalcar* Pilato & Lisi, 2009

Subgenus: *Discrepunguis* Guidetti & Bertolani, 2001 {2 species}

Calcarobiotus (*Discrepunguis*) *polygonatus* (Binda & Guglielmino, 1991) [*Macrobiotus eugranulatus* Maucci, 1993]

Calcarobiotus (*Discrepunguis*) *tetrannulatus* Pilato, Binda & Lisi, 2004

Famelobiotus Pilato, Binda & Lisi, 2004 {1 species}

Famelobiotus scalicii Pilato, Binda & Lisi, 2004

Insuetifurca Guidetti & Pilato, 2003 {4 species}

Insuetifurca arrowsmithi (Kathman & Nelson, 1989)

Insuetifurca austronipponica Abe, 2005

Insuetifurca fujiense (Ito, 1997)

Insuetifurca xiae (X. Li, Su & Yu, 2004) <Amended based on holotype and population from Hainan Province, China (original type locality in Zhejiang Province, China) and transferred from *Biserovus* by Li 2009>

Macrobiotus C.A.S. Schultze, 1834 {132 species + 1 subspecies}

<Amended by Stec *et al.* 2021a>

Macrobotus acadianus (Meyer & Domingue, 2011) <Transferred from *Minibiotus* by Stec *et al.* 2015>

Macrobotus almadai Fontoura, Pilato & Lisi, 2008

Macrobotus alvaroi Pilato & Kaczmarek, 2007

Macrobotus anderssoni Richters, 1908

Macrobotus andinus Maucci, 1988

Macrobotus anemone Meyer, Domingue & Hinton, 2014

Macrobotus annae Richters, 1908 {*nomen inquirendum* according to Stec *et al.* 2021a}

Macrobotus annewintersae Vecchi & Stec, 2021

Macrobotus ariekammensis ariekammensis Węglarska, 1965 [*Macrobotus adelges* Dastych, 1977]

Macrobotus ariekammensis groenlandicus Stec, Vončina, Kristensen & Michalczyk, 2022

Macrobotus artipharyngis Iharos, 1940 {*nomen dubium* according to Stec *et al.* 2021a}

Macrobotus ascensionis Richters, 1908 {*nomen inquirendum* according to Stec *et al.* 2021a}

Macrobotus azzunae Ben Marnissi, Cesari, Rebecchi & Bertolani, 2021

Macrobotus basiatus Nelson, Adkins Fletcher, Guidetti, Roszkowska, Grobys & Kaczmarek, 2021

Macrobotus birendrai Kayastha, Roszkowska, Mioduchowska, Gawlak & Kaczmarek, 2021

Macrobotus biserovi Bertolani, Guidi & Rebecchi, 1996

Macrobotus brevipes Mihelčič, 1971/72 {*nomen inquirendum* according to Stec *et al.* 2021a}

Macrobotus caelestis Coughlan, Michalczyk & Stec, 2019

Macrobotus canaricus Stec, Krzywański & Michalczyk, 2018

Macrobotus carsicus Maucci, 1954 {*nomen inquirendum* according to Stec *et al.* 2021a}

Macrobotus caymanensis Meyer, 2011

Macrobotus crustulus Stec, Dudziak & Michalczyk, 2020

Macrobotus dariae Pilato & Bertolani, 2004

Macrobotus deceptor Meyer, Hinton, Gladney & Klumpp, 2017

Macrobotus denticulus Dastych, 2002

Macrobotus diversus Biserov, 1990

Macrobotus dolosus Bertolani, Cesari, Giovannini, Rebecchi, Guidetti, Kaczmarek & Pilato, ~~2022~~2023

Macrobotus drakensbergi Dastych, 1993

Macrobotus dulciporus Roszkowska, Gawlak, Draga & Kaczmarek, 2019

Macrobotus echinogenitus Richters, 1903

Macrobotus engbergi Stec, Tumanov & Kristensen, 2020

Macrobotus evelinae de Barros, 1938 {*nomen inquirendum* according to Stec *et al.* 2021a}

Macrobotus fontourai Bertolani, Cesari, Giovannini, Rebecchi, Guidetti, Kaczmarek & Pilato, ~~2022~~2023

Macrobotus gemmatus Bartoš, 1963 {*nomen inquirendum* according to Stec *et al.* 2021a}

Macrobotus glebkai Biserov, 1990

Macrobotus halophilus Fontoura, Rubal & Veiga, 2017

Macrobotus hanna Nowak & Stec, 2018

Macrobotus hibiscus de Barros, 1942 {*nomen inquirendum* according to Stec *et al.* 2021a}

Macrobotus horningi Kaczmarek & Michalczyk, 2017

Macrobotus hufelandi C.A.S. Schultze, 1834 [*Macrobotus schultzei* Greeff, 1866 according to Marcus 1928]

Macrobotus humilis Binda & Pilato, 2001

Macrobiotus hupingensis Yuan, Y. Wang, Q. Liu, L. Liu & X. Li, 2022
Macrobiotus hyperboreus Biserov, 1990
Macrobiotus hyperoncus (Meyer, Domingue & Hinton, 2014) <Transferred from *Murrayon* by Guidetti *et al.* 2022b>
Macrobiotus iharosi Pilato, Binda & Catanzaro, 1991
Macrobiotus insignis Bartoš, 1963 {*nomen inquirendum* according to Stec *et al.* 2021a}
Macrobiotus insularis Pilato, 2006
Macrobiotus joannae Pilato & Binda, 1983
Macrobiotus julianae (Meyer, 2012) <Transferred from *Minibiotus* by Stec *et al.* 2015>
Macrobiotus kamilae Coughlan & Stec, 2019
Macrobiotus kathya Massa & Vecchi, 2024
Macrobiotus kazmierskii Kaczmarek & Michalczyk, 2009
Macrobiotus kirghizicus Tumanov, 2005
Macrobiotus kollerii Mihelčič, 1951 {*nomen dubium* according to Dastych 2015; *nomen inquirendum* according to Stec *et al.* 2021a}
Macrobiotus komareki Bartoš, 1939 {*nomen inquirendum* according to Stec *et al.* 2021a}
Macrobiotus kosmali Kayastha, Mioduchowska, Gawlak, Sługocki, Araújo, Gonçalves Silva & Kaczmarek, 2023
Macrobiotus kristenseni Guidetti, Peluffo, Rocha, Cesari & Moly de Peluffo, 2013
Macrobiotus kurasi Dastych, 1981
Macrobiotus kyoukenus Cesari, Giovannini, Altiero, Guidetti, Cornette, Kikawada & Rebecchi, 2022
Macrobiotus lissostomus Durante Pasa & Maucci, 1979
Macrobiotus longipes Mihelčič, 1971/72 {*nomen inquirendum* according to Stec *et al.* 2021a}
Macrobiotus macrocalix Bertolani & Rebecchi, 1993
Macrobiotus maculatus Iharos, 1973 <*M. hufelandi maculatus* amended based on type material and elevated to species level by Kaczmarek & Michalczyk 2017>
Macrobiotus madegassus Maucci, 1993
Macrobiotus mandalae Pilato, 1974
Macrobiotus margoae Stec, Vecchi & Bartels, 2021 {in Stec *et al.* 2021b}
Macrobiotus marlenae Kaczmarek & Michalczyk, 2004
Macrobiotus martini Bartels, Pilato, Lisi & Nelson, 2009
Macrobiotus mileri Stec, 2024
Macrobiotus modestus Pilato & Lisi, 2009
Macrobiotus muralis Bertolani, Cesari, Giovannini, Rebecchi, Guidetti, Kaczmarek & Pilato, 20222023
Macrobiotus naskreckii Bąkowski, Roszkowska, Gawlak & Kaczmarek, 2016
Macrobiotus nebrodensis Pilato, Sabella, D'Urso & Lisi, 2017
Macrobiotus nelsonae Guidetti, 1998
Macrobiotus noemiae Roszkowska & Kaczmarek, 2019
Macrobiotus noongaris Coughlan & Stec, 2019
Macrobiotus norvegicus Mihelčič, 1971/72 {*nomen dubium* according to Stec *et al.* 2021a}
Macrobiotus occidentalis Dastych, 1974 {Massa *et al.* (2024) proposed the elevation of *Macrobiotus occidentalis striatus* Dastych, 1974 to species level, renaming it as *Macrobiotus occidentalis* Dastych, 1974 because of validity of *Macrobiotus striatus* Mihelčič, 1949}
Macrobiotus ocotensis Pilato, 2006

Macrobiotus olgae Rocha, Camarda, Doma, Ostertag, González-Reyes, Pappalardo & Lisi, 2024
Macrobiotus ovidii Bartoš, 1937 {*nomen inquirendum* according to Stec *et al.* 2021a}
Macrobiotus ovovillosus Baumann, 1960 {*nomen inquirendum* according to Stec *et al.* 2021a}
Macrobiotus ovovittatus Stec, 2024
Macrobiotus pallarii Maucci, 1954 [*Macrobiotus aviglianae* Robotti, 1970] {Incorrectly transferred to *Mesobiotus* due to an error during the printing process of Vecchi *et al.* 2016a; corrected in Vecchi *et al.* 2016b}
Macrobiotus papei Stec, Kristensen & Michalczyk, 2018
Macrobiotus papillosus Iharos, 1963 {*nomen inquirendum* according to Stec *et al.* 2021a}
Macrobiotus patagonicus Maucci, 1988
Macrobiotus paulinae Stec, Smolak, Kaczmarek & Michalczyk, 2015
Macrobiotus persimilis Binda & Pilato, 1972
Macrobiotus personatus Biserov, 1990
Macrobiotus pisacensis Kaczmarek, Cytan, Zawierucha, Diduszko & Michalczyk, 2014
Macrobiotus polonicus Pilato, Kaczmarek, Michalczyk & Lisi, 2003
Macrobiotus polyopus Marcus, 1928
Macrobiotus polypiformis Roszkowska, Ostrowska, Stec, Janko & Kaczmarek, 2017
Macrobiotus porifini Kuzdrowska, Mioduchowska, Gawlak, Bartylak, A. Kepel, M. Kepel & Kaczmarek, 2021
Macrobiotus porteri Rahm, 1931 {*nomen inquirendum* according to Stec *et al.* 2021a}
Macrobiotus potockii Węglarska, 1968 {*nomen inquirendum* according to Stec *et al.* 2021a}
Macrobiotus primitivae de Barros, 1942
Macrobiotus psephus du Bois-Reymond Marcus, 1944
Macrobiotus pseudopallarii Stec, Vecchi & Michalczyk, 2021 {in Stec *et al.* 2021b}
Macrobiotus punctillus Pilato, Binda & Azzaro, 1990
Macrobiotus ragonesei Binda, Pilato, Moncada & Napolitano, 2001
Macrobiotus ramoli Dastych, 2005
Macrobiotus rawsoni Horning, Schuster & Grigarick, 1978 <Amended by Kaczmarek & Michalczyk 2017 **based on type material**>
Macrobiotus rebecchii Stec, 2022
Macrobiotus recens Cuénot, 1932
Macrobiotus ripperi Stec, Vecchi & Michalczyk, 2021 {in Stec *et al.* 2021b}
Macrobiotus rollei Heinis, 1920 {*nomen inquirendum* according to Stec *et al.* 2021a}
Macrobiotus rubens Murray, 1907 {*nomen dubium* according to Stec *et al.* 2021a}
Macrobiotus rybaki Stec & Vecchi, 2021 {in Vecchi & Stec 2021}
Macrobiotus sandrae Bertolani & Rebecchi, 1993
Macrobiotus santoroi Pilato & D'Urso, 1976
Macrobiotus sapiens Binda & Pilato, 1984
Macrobiotus scoticus Stec, Morek, Gąsiorek, Blagden & Michalczyk, 2017
Macrobiotus semmelweisi Pilato, Binda & Lisi, 2006
Macrobiotus serratus Bertolani, Guidi & Rebecchi, 1996
Macrobiotus seychellensis Biserov, 1994
Macrobiotus sharopovi Polishchuk, Kayastha, Młodzianowska, Warguła & Kaczmarek, 2025 {in Polishchuk *et al.* 2025}
Macrobiotus shennongensis T. Yang, 1999 {*nomen dubium* according to Stec *et al.* 2021a}
Macrobiotus shonaicus Stec, Arakawa & Michalczyk, 2018
Macrobiotus siderophilus Bertolani, Cesari, Giovannini, Rebecchi, Guidetti, Kaczmarek &

Pilato, ~~2022~~2023

Macrobotus sottilei Pilato, Kiosya, Lisi & Sabella, 2012

Macrobotus stanislaus Kaczmarek, Rutkowski, Zacharyasiewicz, Surmacki, Osiejuk & Kayastha, 2023

Macrobotus striatus Mihelčič, 1949 {*nomen dubium* according to Dastych 2015; *nomen inquirendum* according to Stec *et al.* 2021a}

Macrobotus terminalis Bertolani & Rebecchi, 1993

Macrobotus terricola Mihelčič, 1951 {*nomen dubium* according to Dastych 2015; *nomen inquirendum* according to Stec *et al.* 2021a}

Macrobotus tetraplacoides Fontoura, 1981 {*nomen inquirendum* according to Stec *et al.* 2021a}

Macrobotus topali Iharos, 1969 {*nomen inquirendum* according to Stec *et al.* 2021a}

Macrobotus trunovae Biserov, Pilato & Lisi, 2011

Macrobotus virgatus Murray, 1910 {*nomen inquirendum* according to Stec *et al.* 2021a}

Macrobotus vladimiri Bertolani, Biserov, Rebecchi & Cesari, 2011

Macrobotus wandae Kayastha, Berdi, Miaduchowska, Gawlak, Łukasiewicz, Gołdyn & Kaczmarek, 2020

Macrobotus yunshanensis T. Yang, 2002 {*nomen dubium* according to Stec *et al.* 2021a}

Mesobiotus Vecchi, Cesari, Bertolani, Jönsson, Rebecchi & Guidetti, 2016a {84 species}

Mesobiotus altitudinalis (Biserov, 1997/98) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>

Mesobiotus anastasiae Tumanov, 2020

Mesobiotus aradasi (Binda, Pilato & Lisi, 2005) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>

Mesobiotus arguei (Pilato & Sperlinga, 1975) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>

Mesobiotus armatus (Pilato & Binda, 1996) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a> {*species inquirenda* according to Roszkowska *et al.* 2017}

Mesobiotus australis (Pilato & D'Urso, 1976) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>

Mesobiotus baltatus (McInnes, 1991) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>

Mesobiotus barabanovi (Tumanov, 2005) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>

Mesobiotus barbarae (Kaczmarek, Michalczyk & Degma, 2007) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>

Mesobiotus binieki (Kaczmarek, Gołdyn, Prokop & Michalczyk, 2011) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>

Mesobiotus blocki (Dastych, 1984) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>

Mesobiotus bockebodicus Atherton, Hulterström, Guidetti & Jönsson, 2025

Mesobiotus contii (Pilato & Lisi, 2006) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>

Mesobiotus coronatus (de Barros, 1942) <Amended by Pilato *et al.* 2000; Transferred from *Macrobotus* by Vecchi *et al.* 2016a>

Mesobiotus creber (Pilato & Lisi, 2009) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>

Mesobiotus datanlanicus Stec, 2019

Mesobiotus diegoi Stec, 2022

Mesobiotus diffusus (Binda & Pilato, 1987) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>

Mesobiotus diguensis (Pilato & Lisi, 2009) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus dilimanensis Itang, Stec, Mapalo, Mirano-Bascos & Michalczyk, 2020

Mesobiotus dimentmani (Pilato, Lisi & Binda, 2010) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus divergens (Binda, Pilato & Lisi, 2005) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

***Mesobiotus efa* Tumanov, Androsova, Gavrilenko & Kalimullin, 2024**

Mesobiotus emiliae Massa, Guidetti, Cesari, Rebecchi & Jönsson, 2021 {Based on type material, additional characters to the original description were added by Atherton *et al.* 2025}

Mesobiotus erminiae (Binda & Pilato, 1999) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus ethiopicus Stec & Kristensen, 2017

Mesobiotus fiedleri Kaczmarek, Bartylak, Stec, Kulpa, M. Kepel, A. Kepel & Roszkowska, 2020

Mesobiotus furciger (Murray, 1907) [*Macrobiotus ehrenbergi* Heinis, 1921; *Macrobiotus furcatus* Murray, 1906] <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus harmsworthi (Murray, 1907) [*Mesobiotus harmsworthi obscurus* (Dastych, 1985) according to Kaczmarek *et al.* 2018] <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a; Redescribed by Kaczmarek *et al.* 2018 based on *Macrobiotus harmsworthi obscurus* paratypes>

Mesobiotus helenae Tumanov & Pilato, 2019

Mesobiotus hieronimi (Pilato & Claxton, 1988) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus hilariae Vecchi, Cesari, Bertolani, Jönsson, Rebecchi & Guidetti, 2016a

Mesobiotus huecoensis Vecchi, McDaniel & Walsh, 2023 {in Vecchi *et al.* 2023a}

Mesobiotus getae Stec, 2021

Mesobiotus insanis Mapalo, Stec, Mirano-Bascos & Michalczyk, 2017

Mesobiotus insuetus (Pilato, Sabella & Lisi, 2014) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus joenssoni Guidetti, Gneuss, Cesari, Altiero & Schill, 2020

Mesobiotus kovalevi (Tumanov, 2004) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus krynauwi (Dastych & Harris, 1995) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus liviae (Ramazzotti, 1962) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

***Mesobiotus longiconicus* Dmuchowska, Nawrot, Warguła & Kaczmarek, 2025 {in Dmuchowska *et al.* 2025}**

Mesobiotus lusitanicus (Maucci & Durante Pasa, 1984) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus makłowiczi Stec, 2022

Mesobiotus mandalori Erdmann, Kosicki, Kayastha, Mioduchowska & Kaczmarek, 2024

Mesobiotus marmoreus Stec, 2021

Mesobiotus mauccii (Pilato, 1974) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus meridionalis (Richters, 1909) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus montanus (Murray, 1910) [*Macrobiotus morulatus* Bartoš, 1936] <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus mottai (Binda & Pilato, 1994) <Transferred from *Macrobiotus* by Vecchi *et al.*

2016a>

Mesobiotus neuquensis (Rossi, Claps & Ardohain, 2009) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus nikolaevae Tumanov, 2018

Mesobiotus nuragicus (Pilato & Sperlinga, 1975) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus occultatus Kaczmarek, Zawierucha, Buda, Stec, Gawlak, Michalczyk & Roszkowska, 2018

Mesobiotus orcadensis (Murray, 1907) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus ovestriatus (Pilato & Patanè, 1998) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus patiens (Pilato, Binda, Napolitano & Moncada, 2000) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus perfidus (Pilato & Lisi, 2009) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus peterseni (Maucci, 1991) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus philippinicus Mapalo, Stec, Mirano-Bascos & Michalczyk, 2016

Mesobiotus pilatoi (Binda & Rebecchi, 1992) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus polaris (Murray, 1910) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus pseudoblocki Roszkowska, Stec, Ciobanu & Kaczmarek, 2016

Mesobiotus pseudocoronatus (Pilato, Binda & Lisi, 2006) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus pseudoliviae (Pilato & Binda, 1996) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus pseudonuragicus (Pilato, Binda & Lisi, 2004) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus pseudopatiens Kaczmarek & Roszkowska, 2016

Mesobiotus radiatus (Pilato, Binda & Catanzaro, 1991) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus reinhardti (Michalczyk & Kaczmarek, 2003) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus rigidus (Pilato & Lisi, 2006) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus romani Roszkowska, Stec, Gawlak & Kaczmarek, 2018

Mesobiotus siamensis (Tumanov, 2006) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus sicheli (Binda, Pilato & Lisi, 2005) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus silesiacus Warguła, Stec, Rutkowski, Kayastha, Gierlasiński & Kaczmarek, 2025 {in Warguła *et al.* 2025}

Mesobiotus simulans (Pilato, Binda, Napolitano & Moncada, 2000) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus skanensis Atherton, Hultström, Guidetti & Jönsson, 2025

Mesobiotus skorackii Kaczmarek, Zawierucha, Buda, Stec, Gawlak, Michalczyk & Roszkowska, 2018

Mesobiotus snaresensis (Horning, Schuster & Grigarick, 1978) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

Mesobiotus stellaris (du Bois-Reymond Marcus, 1944) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
Mesobiotus szepteyckii (Kaczmarek & Michalczyk, 2009) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
Mesobiotus tehuelchensis (Rossi, Claps & Ardohain, 2009) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
Mesobiotus vulpinus Tumanov, Androsova, Gavrilenko & Kalimullin, 2024
Mesobiotus wuzhishanensis (Yin, L. Wang & X. Li, 2011) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
Mesobiotus zelmae Atherton, Hulterström, Guidetti & Jönsson, 2025
Mesobiotus zhejiangensis (Yin, L. Wang & X. Li, 2011) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>

Minibiotus R.O. Schuster, 1980 {in Schuster *et al.* 1980} {56 species}
Minibiotus acontistus (de Barros, 1942)
Minibiotus aculeatus (Murray, 1910) [*Macrobotus intermedius subjulietae* Horning, Schuster & Grigarick, 1978]
Minibiotus africanus Binda & Pilato, 1995
Minibiotus allani (Murray, 1913)
Minibiotus aquatilis Claxton, 1998
Minibiotus asteris Claxton, 1998
Minibiotus bernhardi R. Schuster, 2021
Minibiotus bisoctus (Horning, Schuster & Grigarick, 1978)
Minibiotus citlalium Dueñas-Cedillo & García-Román, 2020 {in Dueñas-Cedillo *et al.* 2020}
Minibiotus claxtonae Rossi, Claps & Ardohain, 2009
Minibiotus constellatus Michalczyk & Kaczmarek, 2003
Minibiotus continuus Pilato & Lisi, 2006
Minibiotus crassidens (Murray, 1907)
Minibiotus decrescens Binda & Pilato, 1995
Minibiotus diphasconides (Iharos, 1969)
Minibiotus dispositus Rocha, Doma, Camarda, Ostertag, Meier, Frigieri, Cesari & Lisi, 2024
Minibiotus diversus Ciobanu, Roszkowska & Kaczmarek, 2015
Minibiotus eichhorni Michalczyk & Kaczmarek, 2004
Minibiotus ethelae Claxton, 1998
Minibiotus fallax Pilato, Claxton & Binda, 1989
Minibiotus floriparus Claxton, 1998
Minibiotus formosus Zawierucha, Dziamięcki, Jakubowska, Michalczyk & Kaczmarek, 2014
Minibiotus furcatus (Ehrenberg, 1859) [*nec Macrobotus furcatus* Murray, 1906] <Transferred to *Macrobotus* by Bertolani *et al.* 2014; Re-transferred back to *Minibiotus* by Stec *et al.* 2021a>
Minibiotus granatai (Pardi, 1941)
Minibiotus gumersindoi Guil & Guidetti, 2005
Minibiotus harrylewisi Meyer & Hinton, 2009
Minibiotus hispidus Claxton, 1998
Minibiotus hufelandioides (Murray, 1910)
Minibiotus intermedius (Plate, 1888) <Redescribed and neotype (from Marburg, Germany) designated by Kaczmarek *et al.* 2022b (original type locality in Chile and Marburg,

Germany)>

- Minibiotus ioculator* Stec, Kristensen & Michalczyk, 2020
Minibiotus jonesorum Meyer, Lyons, Nelson & Hinton, 2011
Minibiotus julietae (de Barros, 1942)
Minibiotus keppelensis Claxton, 1998
Minibiotus lazzaroi (Maucci, 1986) [*Macrobiotus spallanzanii* Maucci, 1973] <Transferred from *Macrobiotus* by Stec *et al.* 2021a>
Minibiotus maculartus Pilato & Claxton, 1988
Minibiotus marcusii (de Barros, 1942)
Minibiotus milleri Claxton, 1998
Minibiotus orthofasciatus Fontoura, Pilato, Lisi & Morais, 2009
Minibiotus pentannulatus Londoño, Daza, Lisi & Quiroga, 2017 <Amended by Stec *et al.* 2020b>
Minibiotus pilatus Claxton, 1998
Minibiotus poricinatus Claxton, 1998
Minibiotus pseudofurcatus (Pilato, 1972) <Transferred from *Macrobiotus* by Stec *et al.* 2021a>
Minibiotus pseudostellarus Roszkowska, Stec, Ciobanu & Kaczmarek, 2016
Minibiotus pustulatus (Ramazzotti, 1959)
Minibiotus ramazzottii Binda & Pilato, 1992
Minibiotus scopulus Claxton, 1998
Minibiotus sidereus Pilato, Binda & Lisi, 2003
Minibiotus spertii (Ramazzotti, 1957) <Transferred from *Macrobiotus* by Stec *et al.* 2021a>
Minibiotus stuckenbergi (Dastych, Ryan & Watkins, 1990) <Transferred from *Macrobiotus* by Dastych & Drummond 1996>
Minibiotus subintermedius (Ramazzotti, 1962)
Minibiotus taiti Claxton, 1998
Minibiotus vinciguerrae Binda & Pilato, 1992
Minibiotus weglarskae Michalczyk, Kaczmarek & Claxton, 2005
Minibiotus weinerorum (Dastych, 1984) <Transferred from *Macrobiotus* by Miller *et al.* 1994>
Minibiotus wuzhishanensis X. Li, D. Wang & L. Wang, 2008
Minibiotus xavieri Fontoura, Pilato, Morais & Lisi, 2009

Minilentus Guidetti & Pilato, 2003 {1 species}

Minilentus dubius (Schuster & Toftner, 1982)

Paramacrobiotus Guidetti, Schill, Bertolani, Dandekar & Wolf, 2009 {48 species}

<Amended by Kaczmarek *et al.* 2017>

{The genus was split into two subgenera named *Paramacrobiotus* Guidetti *et al.*, 2009 and *Amicrobiotus* Marley *et al.*, 2018 by Kaczmarek *et al.* 2017 and Marley *et al.* 2018; The two subgenera are not valid according to Guidetti *et al.* 2019a}

Paramacrobiotus alekseevi (Tumanov, 2005) <Transferred from *Macrobiotus* by Guidetti *et al.* 2009; Some characters amended by Stec *et al.* 2020e>

Paramacrobiotus arduus Guidetti, Cesari, Bertolani, Altiero & Rebecchi, 2019

Paramacrobiotus areolatus (Murray, 1907) [*Paramacrobiotus crenatus* (Maucci, 1991), previously transferred from *Macrobiotus* by Guidetti *et al.* 2009, according to Stec *et al.* 2020c] <Transferred from *Macrobiotus* by Guidetti *et al.* 2009; Amended by Stec *et al.* 2020c>

Paramacrobilotus bengalensis Basu, Babu, Siddique & Purushothaman, 2023
Paramacrobilotus beotiae (Durante Pasa & Maucci, 1979) {*species dubia*; Guidetti *et al.* 2009}
Paramacrobilotus bifrons Brandoli, Cesari, Massa, Vecchi, Rebecchi & Guidetti, 2024
Paramacrobilotus celsus Guidetti, Cesari, Bertolani, Altiero & Rebecchi, 2019
Paramacrobilotus centesimus (Pilato, 2000) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>
Paramacrobilotus chierogoi (Maucci & Durante Pasa, 1980) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>
Paramacrobilotus corgatensis (Pilato, Binda & Lisi, 2002) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>
Paramacrobilotus csotiensis (Iharos, 1966) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009; Amended by Kaczmarek *et al.* 2017>
Paramacrobilotus danielae (Pilato, Binda, Napolitano & Moncada, 2001) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>
Paramacrobilotus danielisae (Pilato, Binda & Lisi, 2006) <Transferred from *Macrobilotus* by Degma 2013>
Paramacrobilotus depressus Guidetti, Cesari, Bertolani, Altiero & Rebecchi, 2019
Paramacrobilotus derkai (Degma, Michalczyk & Kaczmarek, 2008) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>
Paramacrobilotus experimentalis Kaczmarek, Mioduchowska, Poprawa & Roszkowska, 2020 {in Kaczmarek *et al.* 2020b}
Paramacrobilotus fairbanksi Schill, Förster, Dandekar & Wolf, 2010 <Amended by Guidetti *et al.* 2019a> {The species had been initially diagnosed based on genetic data only ~~and no morphological difference from *Paramacrobilotus richtersi* had been found~~}
Paramacrobilotus filipi Dudziak, Stec & Michalczyk 2020 {in Stec *et al.* 2020e}
Paramacrobilotus gadabouti Kayastha, Stec, Mioduchowska & Kaczmarek, 2023 {in Kayastha *et al.* 2023}
Paramacrobilotus garynahi (Kaczmarek, Michalczyk & Diduszko, 2005) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>
Paramacrobilotus gerlachae (Pilato, Binda & Lisi, 2004) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>
Paramacrobilotus halei (Bartels, Pilato, Lisi & Nelson, 2009) <Transferred from *Macrobilotus* by Bartels & Nelson 2012>
Paramacrobilotus hapukuensis (Pilato, Binda & Lisi, 2006) <Transferred from *Macrobilotus* by Degma 2013>
Paramacrobilotus huziori (Michalczyk & Kaczmarek, 2006) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>
Paramacrobilotus intii Kaczmarek, Cytan, Zawierucha, Diduszko & Michalczyk, 2014
Paramacrobilotus kenianus Schill, Förster, Dandekar & Wolf, 2010 {The species has been diagnosed based on genetic data only and no morphological difference from *Paramacrobilotus richtersi* has been found}
Paramacrobilotus klymenki Pilato, Kiosya, Lisi & Sabella, 2012
Paramacrobilotus lachowskae Stec, Roszkowska, Kaczmarek & Michalczyk, 2018
Paramacrobilotus lorenae (Biserov, 1996) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>
Paramacrobilotus magdalenae (Michalczyk & Kaczmarek, 2006) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>

Paramacrobilotus metropolitanus Sugiura, Matsumoto & Kunieda, 2022

Paramacrobilotus palaui Schill, Förster, Dandekar & Wolf, 2010 {The species has been diagnosed based on genetic data only and no morphological difference from *Paramacrobilotus richtersi* has been found}

Paramacrobilotus peteri (Pilato, Claxton & Binda, 1989) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>

Paramacrobilotus pius Lisi, Binda & Pilato, 2016

***Paramacrobilotus puma* López-Sandoval, Montiel-Parra & Pérez, 2025**

*Paramacrobilotus privitera*e (Binda, Pilato, Moncada & Napolitano, 2001) <Transferred from *Macrobilotus* by Degma 2013>

Paramacrobilotus richtersi (Murray, 1911) [*Macrobilotus schultzei* Cuénot, 1932 according to Marcus 1936] <Transferred from *Macrobilotus* by Guidetti *et al.* 2009; Amended by Guidetti *et al.* 2019a>

Paramacrobilotus rioplatensis (Claps & Rossi, 1997) <Transferred from *Macrobilotus* but doubly attributed to the genus by Guidetti *et al.* 2009>

Paramacrobilotus sagani Daza, Caicedo, Lisi & Quiroga, 2017

Paramacrobilotus savai (Binda & Pilato, 2001) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>

Paramacrobilotus sklodowskae (Michalczyk, Kaczmarek & Węglarska, 2006) <Transferred from *Macrobilotus* by Degma 2013>

Paramacrobilotus spatialis Guidetti, Cesari, Bertolani, Altiero & Rebecchi, 2019

Paramacrobilotus spinosus Kaczmarek, Gawlak, Bartels, Nelson & Roszkowska, 2017

Paramacrobilotus submorulatus (Iharos, 1966) <Amended and transferred from *Macrobilotus* by Kaczmarek *et al.* 2017>

Paramacrobilotus tonollii (Ramazzotti, 1956) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>

Paramacrobilotus vanescens (Pilato, Binda & Catanzaro, 1991) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009> {Based on type material, additional characters to the original description were added by Binda & Pilato 2001 and Pilato *et al.* 2001}

Paramacrobilotus walteri (Biserov, 1997/98) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>

Paramacrobilotus wauensis (Iharos, 1973) <Amended and transferred from *Macrobilotus* by Kaczmarek *et al.* 2017> {*nomen dubium* according to Kaczmarek *et al.* 2017}

Pseudodiphascon Ramazzotti, 1965 {*genus dubium* according to Guidetti & Pilato 2003} **{1 species}**

Pseudodiphascon inflexum (Arcidiacono, 1964)

Pseudohexapodibius Bertolani & Biserov, 1996 **{1 species}**

Pseudohexapodibius degenerans (Biserov, 1990)

Schusterius Kaczmarek & Michalczyk, 2006 **{1 species}**

Schusterius tridigitus (R.O. Schuster, 1983)

Sisubiotus Stec, Vecchi, Calhim & Michalczyk, 2021 **{4 species}**
<Amended by Vecchi *et al.* 2022>

Sisubiotus grandis (Richters, 1911) <Transferred from *Macrobilotus* by Stec *et al.* 2021a>

Sisubiotus hakaiensis Vecchi, Choong & Calhim, 2022

Sisubiotus spectabilis (Thulin, 1928) <Transferred from *Macrobiotus* by Stec *et al.* 2021a>

Sisubiotus wuyishanensis (P. Zhang & X.-Z. Sun, 2014) <Transferred from *Macrobiotus* by Stec *et al.* 2021a> {species inquirenda according to Stec *et al.* 2021a}

Tenuibiotus Pilato & Lisi, 2011 {14 species}

<Amended by Stec & Morek 2022>

Tenuibiotus bondavallii (Manicardi, 1989) <Transferred from *Macrobiotus* by Pilato & Lisi 2011>

Tenuibiotus bozhkae Pilato, Kiosya, Lisi, Inshina & Biserov, 2011

Tenuibiotus ciprianoi (Guil, Guidetti & Machordom, 2007) <Transferred from *Macrobiotus* by Pilato & Lisi 2011>

Tenuibiotus danilovi (Tumanov, 2007) <Transferred from *Macrobiotus* by Pilato & Lisi 2011>

Tenuibiotus higginsi (Maucci, 1987) <Transferred from *Macrobiotus* by Pilato & Lisi 2011>

Tenuibiotus hystricogenitus (Maucci, 1978) <Transferred from *Macrobiotus* by Pilato & Lisi 2011>

Tenuibiotus kozharai (Biserov, 1999) <Transferred from *Macrobiotus* by Pilato & Lisi 2011>

Tenuibiotus mongolicus (Maucci, 1988) <Transferred from *Macrobiotus* by Pilato & Lisi 2011>

Tenuibiotus tenuiformis (Tumanov, 2007) <Transferred from *Macrobiotus* by Pilato & Lisi 2011>

Tenuibiotus tenuis (Binda & Pilato, 1972) <Transferred from *Macrobiotus* by Pilato & Lisi 2011>

Tenuibiotus voronkovi (Tumanov, 2007) <Transferred from *Macrobiotus* by Pilato & Lisi 2011; Amended by Zawierucha *et al.* 2016 and Stec *et al.* 2020d>

Tenuibiotus willardi (Pilato, 1977) <Transferred from *Macrobiotus* by Pilato & Lisi 2011>

Tenuibiotus yeliseii Tsvetkova & Tumanov, 2024

Tenuibiotus zandrae Stec, Tumanov & Kristensen, 2020

Xerobiotus Bertolani & Biserov, 1996 {9 species}

{Proposed to be suppressed with the transfer (for *X. euxinus*, *X. gretae*) and re-transfer (for *X. pseudohufelandi*, *X. xerophilus*) of its species to *Macrobiotus* by Stec *et al.* 2021a, 2022, but considered valid by Massa *et al.* 2021 and Vincenzi *et al.* 2024}

Xerobiotus arenosum Vincenzi, Cesari, Kaczmarek, Roszkowska, Mioduchowska, Rebecchi, Kiosya & Guidetti, 2024

Xerobiotus euxinus Pilato, Kiosya, Lisi, Inshina & Biserov, 2011 <Transferred from *Xerobiotus* to *Macrobiotus* by Stec *et al.* 2021a> {Based on type material, additional characters to the original description were added by Vincenzi *et al.* 2024} <Redescribed by Polishchuk *et al.* 2024 based on type material and another south Ukrainian population>

Xerobiotus gretae Massa, Guidetti, Cesari, Rebecchi & Jönsson, 2021 <Transferred from *Xerobiotus* to *Macrobiotus* by Stec *et al.* 2022>

Xerobiotus inermis (Binda & Pilato, 1971) <*Macrobiotus inermis* Binda & Pilato, 1971 synonymized with *Macrobiotus pseudohufelandi* Iharos, 1966 by Pilato 1973 but considered as *bona species* and transferred from *Macrobiotus* by Vincenzi *et al.* 2024>

Xerobiotus litus Vincenzi, Cesari, Kaczmarek, Roszkowska, Mioduchowska, Rebecchi, Kiosya & Guidetti, 2024

Xerobiotus naginae (Vecchi, Stec, Vuori, Ryndov, Chartrain & Calhim, 2022) <Transferred from *Macrobiotus* by Vincenzi *et al.* 2024>

Xerobiotus pseudohufelandi (Iharos, 1966) <Re-transferred from *Xerobiotus* to *Macrobilotus* by Stec et al. 2021a>

Xerobiotus reductus Vincenzi, Cesari, Kaczmarek, Roszkowska, Mioduchowska, Rebecchi, Kiosya & Guidetti, 2024

Xerobiotus xerophilus (Dastyh, 1978) <Re-transferred from *Xerobiotus* to *Macrobilotus* by Stec et al. 2021a>

Family: Murrayidae Guidetti, Rebecchi & Bertolani, 2000 {4 genera}

Dactylobiotus R.O. Schuster, 1980 {in Schuster et al. 1980} {19 species}

Dactylobiotus ambiguus (Murray, 1907)

Dactylobiotus ampullaceus (Thulin, 1911)

Dactylobiotus aquatilis T. Yang, 1999 {nomen dubium according to Pogwizd & Stec 2020}

Dactylobiotus caldarellai Pilato & Binda, 1994 {nomen dubium according to Camarda et al. 2025}

Dactylobiotus dervizi Biserov, 1998

Dactylobiotus dispar (Murray, 1907)

Dactylobiotus grandipes (Schuster, Toftner & Grigarick, 1978) <Amended by Kaczmarek & Michalczyk 2010 based on type material>

Dactylobiotus haplonyx Maucci, 1981 {nomen inquirendum according to Camarda et al. 2025}

Dactylobiotus henanensis T. Yang, 2002 {nomen dubium according to Pogwizd & Stec 2020}

Dactylobiotus kansae Beasley, Miller & Shively, 2009 {nomen dubium according to Pogwizd & Stec 2020}

Dactylobiotus lombardoi Binda & Pilato, 1999 {nomen dubium according to Camarda et al. 2025}

Dactylobiotus luci Kaczmarek, Michalczyk & Eggermont, 2008

Dactylobiotus macronyx (Dujardin, 1851) {nomen dubium according to Dastyh 2015 and Pogwizd & Stec 2020}

Dactylobiotus octavi Guidetti, Altiero & Hansen, 2006

Dactylobiotus ovimutans Kihm, Kim, McInnes, Zawierucha, Rho, Kang & Park, 2020

Dactylobiotus parthenogeneticus Bertolani, 1982

Dactylobiotus selenicus Bertolani, 1982

Dactylobiotus taiwanensis Camarda, Pai, Kristensen & Stec, 2025

Dactylobiotus vulcanus Kaczmarek, Schabetsberger, Litwin & Michalczyk, 2012

Macroversum Pilato & Catanzaro, 1988 {1 species}

Macroversum mirum Pilato & Catanzaro, 1988

Murrayon Bertolani & Pilato, 1988 {4 species}

<Amended by Guidetti et al. 2022b>

Murrayon hastatus (Murray, 1907)

Murrayon nocentinae (Ramazzotti, 1961) {Based on type material, additional characters to the original description were added by Guidetti et al. 2022b}

Murrayon ovoglabellus (Biserov, 1988) {Based on type material, additional characters to the original description were added by Guidetti et al. 2022b}

Murrayon pullari (Murray, 1907)

Paramurrayon Guidetti, Giovannini, Del Papa, Ekrem, Nelson, Rebecchi & Cesari, 2022 {4 species}

Paramurrayon dianeae (Kristensen, 1982) <Transferred from *Murrayon* by Guidetti *et al.* 2022b>

Paramurrayon hibernicus (Murray, 1911) <Transferred from *Murrayon* by Guidetti *et al.* 2022b> {*nomen dubium* according to Guidetti *et al.* 2022b}

Paramurrayon meieri Guidetti, Giovannini, Del Papa, Ekrem, Nelson, Rebecchi & Cesari, 2022

Paramurrayon stellatus (Guidetti, 1998) <Transferred from *Murrayon* by Guidetti *et al.* 2022b>

Family: Richtersiidae Guidetti, Schill, Giovannini, Massa, Goldoni, Ebel, Förschler, Rebecchi & Cesari, 2021 {2 genera}

[Richtersiidae Guidetti, Rebecchi, Bertolani, Jönsson, Kristensen & Cesari, 2016 according to Guidetti *et al.* 2021]

<Amended by Lisi *et al.* 2020, Guidetti *et al.* 2021, Stec 2023 and by Massa *et al.* 2024>

Diaforobiotus Guidetti, Rebecchi, Bertolani, Jönsson, Kristensen & Cesari, 2016 {5 species + 1 subspecies}

Diaforobiotus caelicola (Kathman, 1990) <Transferred from *Macrobiotus* by Stec *et al.* 2021a>

Diaforobiotus hyperonyx (Maucci, 1983) <Transferred from *Macrobiotus* to *Tenuibiotus* by Pilato & Lisi 2011; Transferred from *Tenuibiotus* and amended by Stec & Morek 2022 based on type material and topotypic population>

Diaforobiotus islandicus islandicus (Richters, 1904) [*Macrobiotus ruffoi* Maucci, 1973] <Transferred from *Macrobiotus* by Guidetti *et al.* 2016; Redescribed and neotype (from Grindavík, Iceland) designated by Stec 2023 (original type locality Faskends-Fjord, eastern Iceland)>

Diaforobiotus islandicus nicaraguensis (Séméria, 1985) <Transferred from *Macrobiotus* by Guidetti *et al.* 2016> {*nomen inquirendum* according to Stec 2023}

Diaforobiotus occidentalis (Murray, 1910) <Transferred from *Macrobiotus* by Massa *et al.* 2024>

Diaforobiotus svalbardicus Stec, 2023

Richtersius Pilato & Binda, 1989 {6 species}

[*Richtersia* Pilato & Binda, 1987]

<Transferred from *Macrobiotidae* by Guidetti *et al.* 2016>

Richtersius coronifer (Richters, 1903) <Redescribed by Stec *et al.* 2020a; neotype (from one of the original type locality Klaas Billen Bay, Svalbard, Norway) designated by Stec & Michalczyk 2020>

Richtersius ingemari Vecchi, Godziek, Kristensen, Piemontese, Calhim & Stec, 2025

Richtersius mazepi Kiosya & Stec, 2022

Richtersius nicolai Vecchi, Godziek, Kristensen, Piemontese, Calhim & Stec, 2025

Richtersius tertius Pogwizd & Stec, 2022

Richtersius ziemowiti Kayastha, Berdi, Miaduchowska, Gawlak, Łukasiewicz, Gołdyn, Jędrzejewski & Kaczmarek, 2020

Incertae sedis

{The placement of the following taxa-taxon into any superfamily remains still unclear, see Marley *et al.* 2011}

Family: Beornidae Cooper, 1964
{see Hypsibiidae}

Beorn Cooper, 1964

Beorn leggi Cooper, 1964 {fossil species}

Family: Necopinatidae Ramazzotti & Maucci, 1983 {1 genus}

Necopinatum Pilato, 1971 {1 species}

Necopinatum mirabile Pilato, 1971

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