

# Actual checklist of Tardigrada species (2009-2024, 43<sup>rd</sup> Edition: 01-07-2024)

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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 3336 families, 159160 genera, 14641488 species and 217 additional subspecies 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

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### 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

Order: ARTHROTARDIGRADA Marcus, 1927

<Grollmann *et al.* 2023 proposed to suppress the order>

Family: Anisonychidae Møbjerg, Jørgensen & Kristensen, 2019

*Anisonyches* Pollock, 1975

<Amended by Bartels *et al.* 2018>

<Amended and transferred from Echiniscoididae by Møbjerg *et al.* 2019>

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

*Archechiniscus* Schulz, 1953

*Archechiniscus bahamensis* Bartels, Fontoura & Nelson, 2018  
*Archechiniscus biscoynei* 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  
[Discopodidae Marcus, 1934]

*Batillipes* Richters, 1909

*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 chandranyaani*** 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* Riggin, 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

Family: Coronarctidae Renaud-Mornant, 1974  
<Amended by Hansen 2007>

*Coronarctus* Renaud-Mornant, 1974  
<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

***Trogloarctus trionyches*** Villora-Moreno, 1996

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

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

*Dipodarctus* Pollock, 1995  
<Amended by Jørgensen *et al.* 2014>

*Dipodarctus anaholiensis* Pollock, 1995  
*Dipodarctus australiensis* Jørgensen, Boesgaard, Møbjerg & Kristensen, 2014  
***Dipodarctus borrori*** 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

*Clavarctus* Renaud-Mornant, 1983  
*Clavarctus falcus* Renaud-Mornant, 1983

*Euclavarctus* Renaud-Mornant, 1975  
<Amended by Renaud-Mornant 1983>  
*Euclavarctus convergens* Renaud-Mornant, 1983  
*Euclavarctus thieli* Renaud-Mornant, 1975

*Exoclavarctus* Renaud-Mornant, 1983  
*Exoclavarctus dineti* Renaud-Mornant, 1983

*Moebjergarctus* Bussau, 1992  
*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  
<Amended by Hansen 2007>  
*Parmursa fimbriata* Renaud-Mornant, 1984  
*Parmursa torquata* Hansen, 2007

*Proclavarctus* Renaud-Mornant, 1983  
*Proclavarctus fragilis* Renaud-Mornant, 1983

Subfamily: *Florarctinae* Renaud-Mornant, 1982  
<Amended by Kristensen 1984 and Hansen & Kristensen 2021>

*Florarctus* Delamare Deboutteville & Renaud-Mornant, 1965  
*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

*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  
*Higginsarctusshintai* Hansen & Kristensen, 2021  
***Higginsarctus signeae*** Hansen & Kristensen, 2021

*Ligiarctus* Renaud-Mornant, 1982  
<Amended by Gomes-Júnior *et al.* 2018 and Hansen & Kristensen 2021>  
***Ligiarctus eastwardi*** Renaud-Mornant, 1982

*Wingstrandarctus* Kristensen, 1984  
***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  
<Amended by Grimaldi de Zio *et al.* 1990>

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

*Halechiniscus* Richters, 1908  
*Halechiniscus chafarinensis* Grimaldi de Zio & Villora Moreno, 1995  
*Halechiniscus churakaagii* Fujimoto, 2015  
*Halechiniscus greveni* Renaud-Mornant & Deroux, 1976  
***Halechiniscus guteli*** 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  
<Amended by Gross *et al.* 2014>

*Mutaparadoxipus* Gross, Miller & Hochberg, 2014  
***Mutaparadoxipus duodigifinis*** Gross, Miller & Hochberg, 2014

*Opydorscus* Renaud-Mornant, 1989

*Opydorscus fonsecae* Renaud-Mornant, 1989

*Orzeliscus* du Bois-Reymond Marcus, 1952

*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

<Transferred from Halechiniscinae by Gross *et al.* 2014>

*Paradoxipus orzeliscoides* Kristensen & Higgins, 1989

Subfamily: Quisarctinae Fujimoto, 2015

*Quisarctus* Fujimoto, 2015

*Quisarctus yasumurai* Fujimoto, 2015

Family: Neoarctidae (de Zio Grimaldi, D'Addabbo Gallo & Morone De Lucia, 1992)

<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

*Neoarctus primigenius* de Zio Grimaldi, D'Addabbo Gallo & Morone De Lucia, 1992

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

{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

<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

<Amended by Hansen *et al.* 2012 and by Fujimoto & Yamasaki 2017>

*Nodarctus* Fujimoto & Yamasaki, 2017

*Nodarctus hallucis* Fujimoto & Yamasaki, 2017

*Renaudarctus* Kristensen & Higgins, 1984

<Amended by Hansen *et al.* 2012>

*Renaudarctus fossorius* Hansen, Kristensen & Jørgensen, 2012

***Renaudarctus psammocryptus*** Kristensen & Higgins, 1984

Family: Stygarctidae Schulz, 1951

<Amended by Hansen *et al.* 2012>

Subfamily: Megastygarcidinae Bello & de Zio Grimaldi, 1998

<Amended by Hansen & Kristensen 2006>

*Megastygarcides* McKirdy, Schmidt & McGinty-Bayly, 1976

*Megastygarcides christinae* Hansen & Kristensen, 2006

*Megastygarcides gerdae* Hansen & Kristensen, 2006

*Megastygarcides isounguis* Renaud-Mornant, 1981

***Megastygarcides orbiculatus*** McKirdy, Schmidt & McGinty-Bayly, 1976

*Megastygarcides setoloso* Morgan & O'Reilly, 1989

*Megastygarcides sezginii* Ürkmez, Ostrowska, Roszkowska, Gawlak, Zawierucha, Kristensen & Kaczmarek, 2017

Subfamily: Stygarctinae Schulz, 1951

*Faroestygarctus* Hansen, Kristensen & Jørgensen, 2012

***Faroestygarctus dezioae*** Hansen, Kristensen & Jørgensen, 2012

*Hansenarctus* Fujimoto & Ohtsuka, 2019

***Hansenarctus toyoshiomaruae*** Fujimoto & Ohtsuka, 2019

*Mesostygarcus* Renaud-Mornant, 1979

<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

<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

*Prostygarctus* Rubal, Veiga, Fontoura & Sousa-Pinto, 2013

***Prostygarctus aculeatus*** Rubal, Veiga, Fontoura & Sousa-Pinto, 2013



*Pseudostygarcus* McKirdy, Schmidt & McGinty-Bayly, 1976

<Amended by Hansen *et al.* 2012>

*Pseudostygarcus apuliae* Gallo D'Addabbo, de Zio Grimaldi & D'Addabbo, 2000

*Pseudostygarcus galloae* Hansen, Kristensen & Jørgensen, 2012

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

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

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

*Stygarcus* Schulz, 1951

*Stygarcus abornatus* McKirdy, Schmidt & McGinty-Bayly, 1976

*Stygarcus ayatori* Fujimoto, 2014

***Stygarcus bradypus*** Schulz, 1951

*Stygarcus goubaultae* Renaud-Mornant, 1981

*Stygarcus granulatus* Pollock, 1970

*Stygarcus keralensis* Vishnudattan, Bijoy Nandan, Hansen & Jayachandran, 2021

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

*Stygarcus spinifer* Hiruta, 1985

Family: Styraconyxidae Kristensen & Renaud-Mornant, 1983

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

*Angursa* Pollock, 1979

<Amended by Fujimoto & Hansen 2019>

*Angursa abyssalis* Renaud-Mornant, 1981 <Amended by Fujimoto & Hansen 2019 who consider *Angursa bicuspis abyssalis* to be a valid species> {For taxonomic status 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 seisuimaruae* Fujimoto & Hansen, 2019

*Bathyechiniscus* Steiner, 1926

***Bathyechiniscus tetronyx*** Steiner, 1926 <Amended by Pollock 1983>

*Cyaegharctus* Fujimoto & Jimi, 2020

***Cyaegharctus kitamurai*** Fujimoto & Jimi, 2020

*Lepoarctus* Kristensen & Renaud-Mornant, 1983

***Lepoarctus coniferus*** (Renaud-Mornant, 1975)

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

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

*Pleocola* Cantacuzène, 1951

***Pleocola limnoriae*** Cantacuzène, 1951

*Raiarctus* Renaud-Mornant, 1981

<Amended by Jørgensen *et al.* 2014>

*Raiarctus aureolatus* Renaud-Mornant, 1981

***Raiarctus colurus*** Renaud-Mornant, 1981

*Raiarctus jesperii* 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

*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

*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 Jesús-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

***Tetrakentron synaptae*** Cuénot, 1892

*Tholoarctus* Kristensen & Renaud-Mornant, 1983

<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

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

*Actinarctus* Schulz, 1935

***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

*Tanarctus arborspinosus* 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

***Zioella pavonina*** Renaud-Mornant, 1987

Order: ECHINISCOIDEA Richters, 1926

Family: Echiniscoididae Kristensen & Hallas, 1980

<Amended by Møbjerg *et al.* 2020>

Subfamily: Echiniscoidinae Kristensen & Hallas, 1980

<Amended by Møbjerg *et al.* 2020>

*Echiniscoides* Plate, 1888

*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, 2019

***Neoechiniscoides aski*** Møbjerg, Jørgensen & Kristensen, 2019  
*Neoechiniscoides horningi* (Miller & Kristensen, 1999) <Transferred from *Echiniscoides* by Møbjerg *et al.* 2019>  
*Neoechiniscoides pollocki* (Hallas & Kristensen, 1982) <Transferred from *Echiniscoides* by Møbjerg *et al.* 2019>

Subfamily: Isoechiniscoidinae Møbjerg, Kristensen & Jørgensen, 2016

*Isoechiniscoides* Møbjerg, Kristensen & Jørgensen, 2016

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

Family: Carphanidae Binda & Kristensen, 1986

*Carphania* Binda, 1978

***Carphania fluviatilis*** Binda, 1978

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

*Oreella* Murray, 1910

*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

{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

*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

*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}

***Barbaria bigranulata*** (Richters, 1907) <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

<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

<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, 2020a  
*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, 2020a  
*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* 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.* 2020a}  
*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>  
*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}  
<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* (Dastyk, 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.* 2024>

*Cornechiniscus* Maucci & Ramazzotti, 1981  
<Amended by Gąsiorek 2022>

*Cornechiniscus brachycornutus* Maucci, 1987 <Amended by Gąsiorek & Michalczyk 2020b>  
*Cornechiniscus ceratophorus* (Maucci, 1973) <Amended by Gąsiorek & Michalczyk 2020b>



*Cornechiniscus cornutus* (Richters, 1907) [*Pseudechiniscus intermedius* Mihelčič, 1970]  
 <Amended by Gąsiorek & Michalczyk 2020b>  
*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* (Dastyh, 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  
*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 Svalbard, Norway)>  
*Diploechiniscus polygonalis* (Ito, 1993) <Transferred from *Echiniscus* by Gąsiorek 2023>

*Echiniscus* C.A.S. Schultze, 1840  
 <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 batramiae* Iharos, 1936~~ {see *Echiniscus merokensis*}  
*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* ~~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 blumi schizofilus* Bartoš, 1941~~ {see *Echiniscus blumi*}  
*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 carusoi* Pilato, 1972 {see *Echiniscus spinulosus*}~~  
*Echiniscus cavagnaroi* Schuster & Grigarick, 1966 <Amended by Meyer 2016>  
*Echiniscus cervicornis* Murray, 1906  
*Echiniscus cheonyoungi* Moon & Kim, 1994  
*Echiniscus clevelandi* Beasley, 1999  
~~*Echiniscus columinis* Murray, 1911 {see *Echiniscus merokensis*}~~  
*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 egnatiae* Durante Pasa & Maucci, 1979 {see *Echiniscus granulatus*}~~  
*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>  
*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 heterospinosus* Maucci, 1954 {see *Echiniscus granulatus*}~~  
~~*Echiniscus hexacanthus* Maucci, 1973 {see *Echiniscus militaris*}~~  
*Echiniscus hoonsooi* Moon & Kim, 1990  
*Echiniscus imitans* Gąsiorek, Vončina, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}  
~~*Echiniscus inocelatus* Mihelčič, 1938 [*Echiniscus inocellatus* Mihelčič, 1964] {see *Echiniscus granulatus*}~~  
*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 jagodiei* Mihelčič, 1951 {*nomen dubium* according to Dastyeh 2015} {see *Echiniscus merokensis*}~~  
*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 laterosetosus* Ito, 1993 {see *Diploechiniscus*}~~  
~~*Echiniscus laterospinosus* Rudescu, 1964 {see *Echiniscus merokensis*}~~  
*Echiniscus latruncularis* Gąsiorek, Vončina, Morek & Michalczyk, 2022 {in Gąsiorek *et al.* 2022b}  
*Echiniscus lentiferus* Claxton & Dastyeh, 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 (original type locality Cape Colony, Republic of South Africa)>  
*Echiniscus loxophthalmus* Richters, 1911 {*species dubia* according to Gąsiorek *et al.* 2019d}  
*Echiniscus manuelae* da Cunha & do Nascimento Ribeiro, 1962  
*Echiniscus marculi* 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 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 jagodiei* 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 merokensis suecicus* Thulin, 1911 {see *Echiniscus merokensis*}~~  
*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 osellai* Maucci, 1975 {see *Echiniscus trisetosus*}~~  
*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 polygonalis* Ito, 1993 {see *Diploechiniscus*}~~  
*Echiniscus pooensis* Rodriguez-Roda, 1948  
*Echiniscus porabrus* Horning, Schuster & Grigarick, 1978  
*Echiniscus postojnensis* Mihelčič, 1967 [*Echiniscus loxophtalmus* 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 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 scabrospinosus* 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  
*Echiniscus spinulosus* (Doyère, 1840) [*Echiniscus carusoi* Pilato, 1972 according to Gąsiorek & Vončina 2023] <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, 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] <Amended 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 trojanus* Maucci, 1973~~ {see *Echiniscus blumi*}  
*Echiniscus tropicalis* Binda & Pilato, 1995  
*Echiniscus tympanista* Murray, 1911  
*Echiniscus velaminis* Murray, 1910  
*Echiniscus virginicus* Riggin, 1962 <Amended by Christenberry & Mason 1979>  
*Echiniscus weisseri* Maucci, 1978  
*Echiniscus zetotrymus* Horning, Schuster & Grigarick, 1978

#### *Hypechiniscus* Thulin, 1928

*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

***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  
*Mopsechiniscus franciscae* Guidetti, Rebecchi, Cesari & McInnes, 2014  
*Mopsechiniscus frenoti* Dastych, 1999  
*Mopsechiniscus granulosus* Mihelčič, 1967  
***Mopsechiniscus imberbis*** (Richters, 1907/1908)  
*Mopsechiniscus schusteri* Dastych, 1999  
*Mopsechiniscus tasmanicus* Dastych & Moscal, 1992

*Multipseudechiniscus* Schulte & Miller, 2011  
<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}  
<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

Çaşıorek *et al.* 2019a; *Nebularmis mihelcici* transferred from *Echiniscus* by Çaşıorek *et al.* 2019d> {*Nebularmis mihelcici* - *species dubia* according to Çaşıorek *et al.* 2019d}  
*Nebularmis tardus* (Mihelčič, 1951) <Transferred from *Echiniscus* by Çaşıorek *et al.* 2019d>  
{*nomen dubium* according to Dastych 2015; *species dubia* according to Çaşıorek *et al.* 2019d}

*Novechiniscus* Kristensen, 1987  
***Novechiniscus armadilloides*** (R.O. Schuster, 1975)

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

*Proechiniscus* Kristensen, 1987  
***Proechiniscus hanneae*** (Petersen, 1951)

*Pseudechiniscus* Thulin, 1911  
<Amended by Vecchi *et al.* 2016a>

Subgenus: *Pseudechiniscus* Thulin, 1911 {in Çaşıorek *et al.* 2021c}  
*Pseudechiniscus* (*Pseudechiniscus*) *alberti* Dastych, 1987  
*Pseudechiniscus* (*Pseudechiniscus*) *aquatilis* Vončina, Çaşıorek, Morek & Michalczyk, 2022 {in Çaşıorek *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 Çaşıorek *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*) *facettalis* Petersen, 1951 [*Pseudechiniscus pseudoconifer facettalis* Maucci, 1954]  
*Pseudechiniscus* (*Pseudechiniscus*) *formosus* Çaşıorek, 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, Çaşıorek, Morek & Michalczyk, 2022 {in Çaşıorek *et al.* 2022b}  
*Pseudechiniscus* (*Pseudechiniscus*) *marinae* Bartoš, 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] <Amended Redescribed and neotype (from the original type locality Monte Rosa mountain massif, Aosta Valley, Italy) designated by Grobys *et al.* 2020>  
*Pseudechiniscus (Pseudechiniscus) totoro* Gąsiorek, Vončina, Kristensen & Michalczyk, 2021  
*Pseudechiniscus (Pseudechiniscus) xiai* L. Wang, Xue & X. Li, 2018

Subgenus: *Meridioniscus* Gąsiorek, Vončina & Michalczyk, 20232021 {in Gąsiorek *et al.* 2021c} {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 pilatoi* 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) spinerectus* 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}

*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* 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}  
***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

<Amended by Gąsiorek *et al.* 2018b and Gąsiorek 2023>

*Testechiniscus laterculus* (Schuster, Grigarick & Toftner, 1980) <Amended by Gąsiorek *et al.* 2018b>

*Testechiniscus macronyx* (Richters, 1907) <Transferred from *Echiniscus* by McInnes 1994>

~~*Testechiniscus meridionalis* (Murray, 1906) {see *Echiniscus*}~~

***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}

***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 rufoviridis* (du Bois-Reymond Marcus, 1944) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d> {see *Barbaria*}~~

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

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

Order: THERMOZODIA Ramazzotti & Maucci, 1983

Family: Thermozodiidae Rahm, 1937

*Thermozodium* Rahm, 1937  
*Thermozodium esakii* Rahm, 1937

Class: EUTARDIGRADA Richters, 1926  
{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  
<Amended by Morek *et al.* 2020b>

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

*Bergtrollus* Dastych, 2011  
*Bergtrollus dzimbowski* Dastych, 2011

*Limmenius* Horning, Schuster & Grigarick, 1978  
*Limmenius porcellus* Horning, Schuster & Grigarick, 1978

*Milnesioides* Claxton, 1999  
*Milnesioides exsertum* Claxton, 1999

*Milnesium* Doyère, 1840  
<Amended by Morek *et al.* 2020b>  
*Milnesium alabamiae* 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* Yang, 2003 {*nomen dubium* according to Morek *et al.* 2016}  
*Milnesium eury stomum* Maucci, 1991 <Amended by Michalczyk *et al.* 2012>  
*Milnesium fridae* Moreno-Talamantes, León-Espinosa, García-Aranda, Flores-Maldonado & Kaczmarek, 2020  
*Milnesium granulatum* Ramazzotti, 1962 <*M. tardigradum granulatum* amended 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, González-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, González-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, González-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 <Amended Redescribed and neotype (from Zeesen, Wildau, Germany) designated by Michalczyk *et al.* 2012 (original type locality Saint-Maur-des-Fossés, France); and Amended by Morek *et al.* 2018/2019a>

*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

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

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

*Austeruseus* Trygvadóttir & Kristensen, 2011  
*Austeruseus balduri* Trygvadóttir & Kristensen 2011  
*Austeruseus faeroensis* Trygvadóttir & Kristensen 2011  
*Austeruseus rokuri* Trygvadóttir & Kristensen 2011

*Bertolanus* Özdikmen, 2008  
[*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  
<Amended by Trygvadóttir & Kristensen 2011>  
*Eohypsibius nadjae* Kristensen, 1982  
*Eohypsibius terrestris* Ito, 1988

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

Family: Acutuncidae Vecchi, Tsvetkova, Stec, Ferrari, Calhim & Tumanov, 2023

*Acutuncus* Pilato & Binda, 1997

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

*Calohypsibius* Thulin, 1928  
*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  
<Amended by Bertolani *et al.* 2014 and by Gąsiorek *et al.* 2018a>

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

*Diphascon* Plate, 1888  
<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 bicorne* (Mihelčič, 1971) {*nomen dubium* according to Dastych 2015}  
*Diphascon bidropion* Ito, 1995  
*Diphascon birklehofii* Rolf Schuster, 1999  
*Diphascon chilense* Plate, 1888 {*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.* 2023a>  
*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 mauccii* (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 tenue* Thulin, 1928~~ {see *Arctodiphascon*, Itaquasconidae}  
*Diphascon victoriae* Pilato & Binda, 1999  
~~*Diphascon wuyingensis* X.-L. Sun, J.-Y. Zhang, N. Wang, Zhao & Luo, 2020~~ {see *Arctodiphascon*, Itaquasconidae}  
*Diphascon zaniewi* Kaczmarek & Michalczyk, 2004  
  
*Kararehius* Zawierucha, Stec & Shain, 2023 {in Zawierucha *et al.* 2023}  
*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}  
***Kopakaius nicolae*** Zawierucha, 2023 {in Zawierucha *et al.* 2023}  
  
Subfamily: Hypsibiinae Pilato, 1969  
<Amended by Bertolani *et al.* 2014>  
  
*Borealibius* Pilato, Guidetti, Rebecchi, Lisi, Hansen & Bertolani, 2006  
***Borealibius zetlandicus*** (Murray, 1907)  
  
*Cryobiotus* Dastych, 2019



*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  
<Amended by Gąsiorek *et al.* 2018a>

*Hypsibius allisoni* Horning, Schuster & Grigarick, 1978  
*Hypsibius antonovae* (Biserov, 1990)  
*Hypsibius biscuitiformis* Bartoš, 1960  
*Hypsibius calcaratus* Bartoš, 1935  
*Hypsibius camelopardalis* Ramazzotti & Maucci, 1983  
*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 giusepperamazotti* Sudzuki, 1975  
*Hypsibius hypostomus* Bartoš, 1935  
*Hypsibius iskandarovi* Tumanov, 1997  
*Hypsibius kunmingensis* Yang, 2002  
*Hypsibius macrocalcaratus* Beasley, 1988  
*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 Dastych 2018] <Redescribed by Dastych 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  
*Hypsibius repentinus* Tumanov & Avdeeva, 2021  
*Hypsibius roanensis* Nelson & McGlothlin, 1993  
*Hypsibius runae* Bartoš, 1941

*Hypsibius scabropygus* Cuénot, 1929  
*Hypsibius septulatus* Pilato, Binda, Napolitano & Moncada, 2004  
*Hypsibius seychellensis* Pilato, Binda & Lisi, 2006  
*Hypsibius shaanxiensis* H. Li & X. Li, 2008  
*Hypsibius stiliferus* Abe, 2004  
*Hypsibius valentinae* Pilato, Kiosya, Lisi & Sabella, 2012  
*Hypsibius vaskelae* Tumanov, 2018

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

~~*Acutuncus* Pilato & Binda, 1997 {see Acutuncidae}~~  
~~<Transferred from Hypsibiinae by Bertolani *et al.* 2014>~~  
~~*Acutuncus antarcticus* (Richters, 1904) [*Hypsibius simoizumii* Sudzuki, 1964]~~  
~~*Acutuncus mariae* Zawierucha, 2020 {in Zawierucha *et al.* 2020}~~

*Mixibius* Pilato, 1992  
<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

~~Family: Itaquasconidae Bartoš {in Rudescu, 1964}~~  
<Amended by Bertolani *et al.* 2014 and by Gąsiorek & Michalczyk 2020a; Elevated from the subfamily level in Hypsibiidae by Tumanov & Tsvetkova 2023>  
{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  
<Subgenus *Adropion* of the genus *Diphascaon* elevated to genus level and transferred from *Diphascaoninae* 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) [~~*Fujiscon diphasconiellum* Ito, 1991~~] <Amended by Bernard 1977 and by Gąsiorek *et al.* 2023a>  
*Adropion camtchaticum* Tumanov & Kalimullin, 2024  
*Adropion diphasconiellum* (Ito, 1991) <~~*Fujiscon diphasconiellum* Ito, 1991~~ was synonymized with *Adropion belgicae* by Maucci 1996; Gąsiorek *et al.* 2023a considered it as a valid species>

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

*Adropion gordonense* (Pilato, Claxton & Horning, 1991)

~~*Adropion greveni* (Dastych, 1984) {see *Diphascon*}~~

*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.* 2023a>

~~*Adropion mauecii* (Dastych & McInnes, 1996) {see *Diphascon*}~~

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

*Adropion scoticum scoticum* (Murray, 1905) [*Diphascon crozetense* Richters, 1907]

<Redescribed and neotype (from Drum Castle, Drumoak Scotland) designated by Gąsiorek *et al.* 2023a (original type locality areas around Edinburgh, Scotland); *Adropion scoticum qinlingensis* (X. Li & Y. Liu, 2005) suppressed by Gąsiorek *et al.* 2023a>

~~*Adropion scoticum ommatophorum* (Thulin, 1911) {see *Adropion ommatophorum*}~~

~~*Adropion scoticum qinlingensis* (X. Li & Y. Liu, 2005) {see *Adropion scoticum*}~~

#### *Arctodiphascon* Tumanov & Tsvetkova, 2023

*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, Zhao & Luo, 2020) <Tentatively transferred from *Diphascon* by Tumanov & Tsvetkova 2023>

#### *Astatumen* Pilato, 1997

<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

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

*Bindius triquetrus* Pilato, 2009

#### *Guidettion* Gąsiorek & Michalczyk, 2020

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

~~*Guidettion carolae* (Binda & Pilato, 1969) <Transferred from *Adropion* by Gąsiorek & Michalczyk 2020a> {see *Guidettion prorsirostre*}~~

*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.* 2023a] <Transferred from *Adropion* by Gąsiorek & Michalczyk 2020a; Redescribed and neotype (from Bennachie, Little Oxen Craig, Scotland) designated by Gąsiorek *et al.* 2023a (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.* 2023a}

*Insulobius* Gąsiorek & Michalczyk, 2020

*Insulobius orientalis* Gąsiorek & Michalczyk, 2020

*Itaquascon* de Barros, 1939

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

*Itaquascon biserovi* Pilato, Binda & Moncada, 1999

*Itaquascon cambewarrensense* Pilato, Binda & Claxton, 2002

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

*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 serratulum* Gąsiorek & Michalczyk, 2023 {in Gąsiorek *et al.* 2023a}

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

*Itaquascon umbellinae* de Barros, 1939

*Itaquascon unguiculatum* Pilato, Binda & Claxton, 2002

~~*Meplitumen* Lisi, Daza, Londoño, Quiroga & Pilato, 2019 {see *Platicrista*}~~

~~*Meplitumen aluna* Lisi, Daza, Londoño, Quiroga & Pilato, 2019 {see *Platicrista*}~~

~~*Meplitumen itaquasconoide* (Durante Pasa & Maucci, 1975) <Transferred from *Platicrista* by Massa *et al.* 2021> {see *Platicrista*}~~

*Mesocrista* Pilato, 1987

*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

*Parascon nichollsae* Pilato & Lisi, 2004

*Parascon schusteri* Pilato & Binda, 1987

*Platicrista* Pilato, 1987

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

<Amended by Scheirer *et al.* 2024>

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

*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.* 2023a (original type locality Loch Ness shore, Scotland)>

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

*Platicrista brunsoni* Miller & J.D. Miller, 2021 <Amended by Gąsiorek *et al.* 2023a based on material from Wyoming, USA>

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

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

*Platicrista horribilis* Kaczmarek & Michalczyk, 2003 <Amended by Gąsiorek *et al.* 2023a based on material from Montenegro>

*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.* 2023a}

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

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

*Platicrista ramsayi* Marley, 2006

*Raribius* Gąsiorek & Michalczyk, 2020

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

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

*Raribius pawlowskii* (Węglarska, 1973) <Transferred from *Itaquascon* by Gąsiorek & Michalczyk 2020a> {not mentioned as type species by Gąsiorek & Michalczyk 2020; listed as type species in Zoobank}

*Sarascon* Guil, Rodrigo & Machordom, 2014

*Sarascon hortensiae* Guil, Rodrigo & Machordom, 2014

Family: Microhypsibiidae Pilato, 1998  
<Amended by Gąsiorek *et al.* 2019c>

*Microhypsibius* Thulin, 1928

*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  
<Amended by Gąsiorek & Michalczyk 2020a; Elevated from the subfamily level in Hypsibiidae by Tumanov & Tsvetkova 2023>

*Degmion* Gąsiorek, Morek & Michalczyk, 2023 {in Gąsiorek *et al.* 2023a}

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

*Degmion nodulosum* (Ramazzotti, 1957) <Transferred from *Diphascon* to *Pilatobius* by

Bertolani *et al.* 2014; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a>  
*Degmion nuominensis* (X.-L. Sun, J.-Y. Zhang, N. Wang, Zhao & Luo, 2021) <Transferred from  
*Pilatobius* by Gąsiorek *et al.* 2023a>  
*Degmion oculatus* ~~*oculatus*~~ (Murray, 1906) <Transferred from *Diphascon* to *Pilatobius* by  
Bertolani *et al.* 2014; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a; Redescribed  
and neotype (from Oxen Craig, Aberdeenshire, Scotland, UK) designated by Gąsiorek *et al.*  
2023a (original type locality Hopetoun Wood, Broxburn, Scotland, UK); *Pilatobius*  
*oculatus alpium* (Mihelčič, 1964) {*nomen dubium* according to Dastych 2015} and  
*Pilatobius oculatus canadensis* (Murray, 1910) {*nomen dubium* according to Gąsiorek *et al.*  
2023a} [synonym *Hypsibius vancouverensis* Thulin, 1911] - both transferred from  
*Diphascon* by Bertolani *et al.* 2014 and suppressed by Gąsiorek *et al.* 2023a>  
*Degmion opisthoglyptus* (Maucci, 1987) <Transferred from *Diphascon* to *Pilatobius* by  
Tumanov 2018; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a>  
*Degmion rugocaudatus* (Rodriguez Roda, 1952) <Transferred from *Diphascon* to *Pilatobius* by  
Bertolani *et al.* 2014; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a> {*nomen*  
*inquirendum* according to Gąsiorek *et al.* 2023a}

*Fontourion* Gąsiorek, Morek & Michalczyk, 2023 {in Gąsiorek *et al.* 2023a}  
*Fontourion borealis* (Biserov, 1996) <Transferred from *Diphascon* to *Pilatobius* by Bertolani *et*  
*al.* 2014; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a>  
*Fontourion brevipes* (Marcus, 1936) <Transferred from *Diphascon* to *Pilatobius* by Bertolani *et*  
*al.* 2014; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a>  
*Fontourion glacialis* (Zawierucha, Buda & Gąsiorek, 2020) {in Zawierucha *et al.* 2020}  
<Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a>  
*Fontourion islandicus* (Buda & Zawierucha, 2018) {in Buda *et al.* 2018} <Transferred from  
*Pilatobius* by Gąsiorek *et al.* 2023a>  
*Fontourion recamierei* (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.* 2023a>  
*Fontourion secchii* (Bertolani & Rebecchi, 1996) <Transferred from *Diphascon* to *Pilatobius* by  
Bertolani *et al.* 2014; Transferred from *Pilatobius* by Gąsiorek *et al.* 2023a> {*nomen*  
*inquirendum* according to Gąsiorek *et al.* 2017a}

#### *Notahypsibius* Tumanov, 2020

*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 <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 borealis* (Biserov, 1996) <Transferred from *Diphascon* by Bertolani *et al.* 2014> {see

*Fontourion* }

*Pilatobius brevipes* (Marcus, 1936) <Transferred from *Diphaseon* by Bertolani *et al.* 2014> { see *Fontourion* }

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

*Pilatobius burti* (Nelson, 1991) <Transferred from *Diphaseon* by Bertolani *et al.* 2014> { see *Degmion* }

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

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

*Pilatobius glacialis* Zawierucha, Buda & Gąsiorek, 2020 { in Zawierucha *et al.* 2020 } { see *Fontourion* }

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

*Pilatobius iltisi* (Schuster & Grigarick, 1965) <Transferred from *Diphaseon* by Bertolani *et al.* 2014; Amended by Gąsiorek *et al.* 2023a based on material from North Korea and Russia>

*Pilatobius islandicus* Buda & Zawierucha { in Buda *et al.* 2018 } { see *Fontourion* }

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

*Pilatobius nodulosus* (Ramazzotti, 1957) <Transferred from *Diphaseon* by Bertolani *et al.* 2014> { see *Degmion* }

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

*Pilatobius nuominensis* X. L. Sun, J. Y. Zhang, N. Wang, Zhao & Luo, 2021 { see *Degmion* }

*Pilatobius oculatus oculatus* (Murray, 1906) <Transferred from *Diphaseon* by Bertolani *et al.* 2014> { see *Degmion* }

*Pilatobius oculatus alpium* (Mihelčič, 1964) { *nomen dubium* according to Dastych 2015 } <Transferred from *Diphaseon* by Bertolani *et al.* 2014> { see *Degmion oculatum* }

*Pilatobius oculatus canadensis* (Murray, 1910) [*Hypsibius vancouverensis* Thulin, 1911] <Transferred from *Diphaseon* by Bertolani *et al.* 2014> { see *Degmion oculatum* }

*Pilatobius opisthoglyptus* (Maucci, 1987) <Transferred from *Diphaseon* by Tumanov 2018> { see *Degmion* }

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

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

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

*Pilatobius recamieri* (Richters, 1911) <Transferred from *Diphaseon* by Bertolani *et al.* 2014> <Amended by Gąsiorek *et al.* 2017a> { see *Fontourion* }

*Pilatobius rugocaudatus* (Rodriguez Roda, 1952) <Transferred from *Diphaseon* by Bertolani *et al.* 2014> { see *Degmion* }

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

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

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

~~*Pilatobius trachydorsatus* (Bartoš, 1937) <Transferred from *Diphascon* by Bertolani *et al.* 2014>  
{see *P. bullatus*}~~

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

Family: Ramazzottiidae Sands, McInnes, Marley, Goodall-Copestake, Convey & Linse, 2008  
{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  
<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

*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

*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 & Didusko, 2006

*Ramazzottius caucasicus* Biserov, 1997/98

*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 oberhaeuseri* (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 szeptycki* (Dastych, 1980) <Amended by Dastych 2009>  
*Ramazzottius theroni* Dastych, 1993  
*Ramazzottius thulini* (Pilato, 1970)  
*Ramazzottius tribulosus* Bertolani & Rebecchi, 1988  
*Ramazzottius valaamis* Biserov & Tumanov, 1993  
*Ramazzottius varieornatus* Bertolani & Kinchin, 1993

Superfamily: Isohypsibiodea Sands, McInnes, Marley, Goodall-Copestake, Convey & Linse, 2008  
<Amended by Bertolani *et al.* 2014 and by Gąsiorek *et al.* 2019e>

Family: Doryphoribiidae Gąsiorek, Stec, Morek & Michalczyk, 2019

*Apodibius* Dastych, 1983

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

*Apodibius confusus* Dastych, 1983  
*Apodibius nuntius* Binda, 1984 [*Apodibius serventyi* Morgan & Nicholls, 1986]  
*Apodibius richardi* Vargha, 1995

*Doryphoribius* Pilato, 1969

<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 monstrosus* (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

*Grevenius annulatus annulatus* (Murray, 1905) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius annulatus minor* (Ramazzotti, 1945) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius asper* (Murray, 1906) [*Isohypsibius tetradactyloides* (Richters, 1907)] <Dastyk 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>  
*Grevenius hydrogolanus* (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

<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

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

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

<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

[*Thulinia* Bertolani, 1982]

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

*Thulinus augusti* (Murray, 1907) [*Macrobiotus lacustris* Wenck, 1914]

*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

*Halobiotus* Kristensen, 1982

<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

<Amended by Gąsiorek *et al.* 2019e>

*Haplohexapodibius* Pilato & Beasley, 1987

<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

<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

<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

<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  
<Amended by Gąsiorek *et al.* 2019e>

*Dastychius* Pilato, 2013

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

*Dianea* Gąsiorek, Stec, Morek & Michalczyk, 2019

*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}

*Dianeae 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}

*Dianeae 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}

*Dianeae 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}

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

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

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

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

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

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

*Dianeae 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}

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

*Eremobiotus* Biserov, 1992

*Eremobiotus alicatai* (Binda, 1969)  
*Eremobiotus ginevrae* Lisi, Binda & Pilato, 2016  
***Eremobiotus ovezovae*** Biserov, 1992

*Fractonotus* Pilato, 1998

<Amended and transferred from Microhypsibiidae by Gąsiorek *et al.* 2019c>  
***Fractonotus caelatus*** (Marcus, 1928)  
*Fractonotus gilvus* (Biserov, 1986) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019c>  
*Fractonotus 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* by Gąsiorek *et al.* 2019c>

*Isohypsibius* Thulin, 1928

<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* 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* Yang, 2007 {*species dubia* according to Gąsiorek *et al.* 2019e}  
*Isohypsibius dastychi* Pilato, Bertolani & Binda, 1982  
*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* Yang, 2003 {*species dubia* according to Gąsiorek *et al.* 2019e}  
*Isohypsibius jinhouensis* 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)  
*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 wilsoni* (Horning, Schuster & Grigarick, 1978)  
*Isohypsibius yunnanensis* Yang, 2002 {*species dubia* according to Gąsiorek *et al.* 2019e}

*Ursulinius* Gąsiorek, Stec, Morek & Michalczyk, 2019  
*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 durantee* (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 Dastych 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 Dastych 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 Dastych 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 Dastych 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>

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

*Vladimirobius* Kaczmarek, Bartylak & Roszkowska, 2020

*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

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

Ramajendidae Tumanov, 2022

*Ramajendas* Pilato & Binda, 1990

<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

<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: Macrobitoidea Thulin, 1928 {in Marley *et al.* 2011}



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

*Adorybiotus* Maucci & Ramazzotti, 1981

<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

<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; amended <Redescribed and new neotype (from the original type locality Svalbard, Norway) designated by Stec *et al.* 2020f >

*Crenubiotus revelator* Lisi, Londoño & Quiroga, 2020

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

*Crenubiotus salishani* Vecchi, Choong & Calhim, 2022

Family: Macrobiotidae Thulin, 1928

*Biserovus* Guidetti & Pilato, 2003

*Biserovus bindae* (Christenberry & Higgins, 1979)

*Calcarobiotus* Dastych, 1993

Subgenus: *Calcarobiotus* Dastych, 1993

<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

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

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

*Famelobiotus* Pilato, Binda & Lisi, 2004

*Famelobiotus scalicii* Pilato, Binda & Lisi, 2004

*Insuetifurca* Guidetti & Pilato, 2003

*Insuetifurca arrowsmithi* (Kathman & Nelson, 1989)  
*Insuetifurca austronipponica* Abe, 2005  
*Insuetifurca fujiense* (Ito, 1997)  
*Insuetifurca xiae* (X. Li, Su & Yu, 2004) <Amended and transferred from *Biserovus* by Li 2009>

*Macrobotus* C.A.S. Schultze, 1834  
 <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, 1907/1908  
*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  
*Macrobotus drakensbergi* Dastych, 1993  
*Macrobotus dulciporus* Roszkowska, Gawlak, Draga & Kaczmarek, 2019  
*Macrobotus echinogenitus* Richters, 1903  
*Macrobotus engbergi* Stec, Tumanov & Kristensen, 2020  
~~*Macrobotus euxinus* (Pilato, Kiosya, Lisi, Inshina & Biserov, 2011) <Transferred from *Xerobiotus* by Stec *et al.* 2021a> {see also *Xerobiotus*}~~  
*Macrobotus evelinae* de Barros, 1938 {*nomen inquirendum* according to Stec *et al.* 2021a}  
*Macrobotus fontourai* Bertolani, Cesari, Giovannini, Rebecchi, Guidetti, Kaczmarek & Pilato,

2022

- Macrobiotus gemmatus* Bartoš, 1963 {*nomen inquirendum* according to Stec *et al.* 2021a}  
*Macrobiotus glebkai* Biserov, 1990  
~~*Macrobiotus gretae* (Massa, Guidetti, Cesari, Rebecchi & Jönsson, 2021) <Transferred from *Xerobiotus* by Stec *et al.* 2022> {see also *Xerobiotus*}~~  
*Macrobiotus halophilus* Fontoura, Rubal & Veiga, 2017  
*Macrobiotus hanna*e Nowak & Stec, 2018  
*Macrobiotus hibiscus* de Barros, 1942 {*nomen inquirendum* according to Stec *et al.* 2021a}  
*Macrobiotus horningi* Kaczmarek & Michalczyk, 2017  
***Macrobiotus hufelandi*** C.A.S. Schultze, 1834 [*Macrobiotus schultzei* Greeff, 1866 according to Marcus 1928]  
*Macrobiotus 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 inermis* Binda & Pilato, 1971 <Synonymized with *Macrobiotus pseudohufelandi* Iharos, 1966 by Pilato 1973 but considered as *bona species* by Vincenzi *et al.* 2024> {see also *Xerobiotus*}~~  
*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 kathyae*** Massa & Vecchi, 2024  
*Macrobiotus kazmierskii* Kaczmarek & Michalczyk, 2009  
*Macrobiotus kirghizicus* Tumanov, 2005  
*Macrobiotus koller*i Mihelčič, 1951 {*nomen dubium* according to Dastyč 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* Dastyč, 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 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

*Macrobotus mileri* Stec, 2024

*Macrobotus modestus* Pilato & Lisi, 2009

*Macrobotus muralis* Bertolani, Cesari, Giovannini, Rebecchi, Guidetti, Kaczmarek & Pilato, 2022

~~*Macrobotus naginae* Vecchi, Stec, Vuori, Ryndov, Chartrain & Calhim, 2022 {see *Xerobiotus*}~~

*Macrobotus naskreckii* Bąkowski, Roszkowska, Gawlak & Kaczmarek, 2016

*Macrobotus nebrodensis* Pilato, Sabella, D'Urso & Lisi, 2017

*Macrobotus nelsonae* Guidetti, 1998

*Macrobotus noemiae* Roszkowska & Kaczmarek, 2019

*Macrobotus noongaris* Coughlan & Stec, 2019

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

~~*Macrobotus occidentalis occidentalis* Murray, 1910 {see *Diaforobiotus*}~~

*Macrobotus occidentalis striatus* Dastych, 1974 {Massa *et al.* (2024) proposed the elevation of

*Macrobotus occidentalis striatus* Dastych, 1974 to species level, renaming it as

*Macrobotus occidentalis* Dastych, 1974 because of validity of *Macrobotus striatus*

Mihelčič, 1949}

*Macrobotus ocotensis* Pilato, 2006

*Macrobotus ovidii* Bartoš, 1937 {*nomen inquirendum* according to Stec *et al.* 2021a}

*Macrobotus ovovillosus* Baumann, 1960 {*nomen inquirendum* according to Stec *et al.* 2021a}

*Macrobotus ovovittatus* Stec, 2024

*Macrobotus pallarii* Maucci, 1954 [*Macrobotus 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}

*Macrobotus papei* Stec, Kristensen & Michalczyk, 2018

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

*Macrobotus patagonicus* Maucci, 1988

*Macrobotus paulinae* Stec, Smolak, Kaczmarek & Michalczyk, 2015

*Macrobotus persimilis* Binda & Pilato, 1972

*Macrobotus personatus* Biserov, 1990

*Macrobotus pisacensis* Kaczmarek, Cytan, Zawierucha, Diduszko & Michalczyk, 2014

*Macrobotus polonicus* Pilato, Kaczmarek, Michalczyk & Lisi, 2003

*Macrobotus polyopus* Marcus, 1928

*Macrobotus polypiformis* Roszkowska, Ostrowska, Stec, Janko & Kaczmarek, 2017

*Macrobotus porifini* Kuzdrowska, Mioduchowska, Gawlak, Bartylak, A. Kepel, M. Kepel & Kaczmarek, 2021

*Macrobotus porteri* Rahm, 1931 {*nomen inquirendum* according to Stec *et al.* 2021a}

*Macrobotus potockii* Węglarska, 1968 {*nomen inquirendum* according to Stec *et al.* 2021a}

*Macrobotus primitivae* de Barros, 1942

*Macrobotus psephus* du Bois-Reymond Marcus, 1944

~~*Macrobotus pseudohufelandi* Iharos, 1966 [*Macrobotus inermis* Binda & Pilato, 1971] <Re-transferred from *Xerobiotus* by Stec *et al.* 2021a> {see also *Xerobiotus*}~~

*Macrobotus pseudopallarii* Stec, Vecchi & Michalczyk, 2021 {in Stec *et al.* 2021b}

*Macrobotus punctillus* Pilato, Binda & Azzaro, 1990

*Macrobotus ragonesei* Binda, Pilato, Moncada & Napolitano, 2001

*Macrobotus ramoli* Dastych, 2005

*Macrobotus rawsoni* Horning, Schuster & Grigarick, 1978 <Amended by Kaczmarek & Michalczyk 2017>

*Macrobotus rebecchii* Stec, 2022  
*Macrobotus recens* Cuénot, 1932  
*Macrobotus ripperi* Stec, Vecchi & Michalczyk, 2021 {in Stec *et al.* 2021b}  
*Macrobotus rollei* Heinis, 1920 {*nomen inquirendum* according to Stec *et al.* 2021a}  
*Macrobotus rubens* Murray, 1907 {*nomen dubium* according to Stec *et al.* 2021a}  
*Macrobotus rybaki* Stec & Vecchi, 2021 {in Vecchi & Stec 2021}  
*Macrobotus sandrae* Bertolani & Rebecchi, 1993  
*Macrobotus santoroi* Pilato & D'Urso, 1976  
*Macrobotus sapiens* Binda & Pilato, 1984  
*Macrobotus scoticus* Stec, Morek, Gąsiorek, Blagden & Michalczyk, 2017  
*Macrobotus semmelweisi* Pilato, Binda & Lisi, 2006  
*Macrobotus serratus* Bertolani, Guidi & Rebecchi, 1996  
*Macrobotus seychellensis* Biserov, 1994  
*Macrobotus shennongensis* Yang, 1999 {*nomen dubium* according to Stec *et al.* 2021a}  
*Macrobotus shonaicus* Stec, Arakawa & Michalczyk, 2018  
*Macrobotus siderophilus* Bertolani, Cesari, Giovannini, Rebecchi, Guidetti, Kaczmarek & Pilato, 2022  
*Macrobotus sottilei* Pilato, Kiosya, Lisi & Sabella, 2012  
*Macrobotus stanislausii* 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 xerophilus* Dastych, 1978 <Re-transferred from *Xerobiotus* by Stec *et al.* 2021a> {see also *Xerobiotus*}~~  
*Macrobotus yunshanensis* Yang, 2002 {*nomen dubium* according to Stec *et al.* 2021a}

*Mesobiotus* Vecchi, Cesari, Bertolani, Jönsson, Rebecchi & Guidetti, 2016a  
*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 *Macrobiotus* by Vecchi *et al.* 2016a>

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

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

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

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

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

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

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

*Mesobiotus datanlanicus* Stec, 2019

*Mesobiotus diegoi* Stec, 2022

*Mesobiotus diffusus* (Binda & Pilato, 1987) <Transferred from *Macrobiotus* 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 emiliae* Massa, Guidetti, Cesari, Rebecchi & Jönsson, 2021

*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 imperialis* 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 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 simulans* (Pilato, Binda, Napolitano & Moncada, 2000) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>  
*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 *Macrobiotus* by Vecchi *et al.* 2016a>  
*Mesobiotus szeptyckii* (Kaczmarek & Michalczyk, 2009) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>  
*Mesobiotus tehuelchensis* (Rossi, Claps & Ardohain, 2009) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>  
*Mesobiotus wuzhishanensis* (Yin, L. Wang & X. Li, 2011) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>  
*Mesobiotus zhejiangensis* (Yin, L. Wang & X. Li, 2011) <Transferred from *Macrobiotus* by Vecchi *et al.* 2016a>

*Minibiotus* R.O. Schuster, 1980 {in Schuster *et al.* 1980}

*Minibiotus acontistus* (de Barros, 1942)  
*Minibiotus aculeatus* (Murray, 1910) [*Macrobiotus 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 citlaliium* 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 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 Macrobiotus furcatus* Murray, 1906] <Transferred to *Macrobiotus* 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 marculsi* (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

***Minilentus dubius*** (Schuster & Toftner, 1982)

*Paramacrobiotus* Guidetti, Schill, Bertolani, Dandekar & Wolf, 2009  
 <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}

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

*Paramacrobilotus arduus* Guidetti, Cesari, Bertolani, Altiero & Rebecchi, 2019

*Paramacrobilotus areolatus* (Murray, 1907) [*Paramacrobilotus crenatus* (Maucci, 1991), previously transferred from *Macrobilotus* by Guidetti *et al.* 2009, according to Stec *et al.* 2020c] <Transferred from *Macrobilotus* 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 chiergoi* (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

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

*Paramacrobotus klymenki* Pilato, Kiosya, Lisi & Sabella, 2012

*Paramacrobotus lachowskae* Stec, Roszkowska, Kaczmarek & Michalczyk, 2018

*Paramacrobotus lorenae* (Biserov, 1996) <Transferred from *Macrobotus* by Guidetti *et al.* 2009>

*Paramacrobotus magdalenae* (Michalczyk & Kaczmarek, 2006) <Transferred from *Macrobotus* by Guidetti *et al.* 2009>

*Paramacrobotus metropolitanus* Sugiura, Matsumoto & Kunieda, 2022

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

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

*Paramacrobotus pius* Lisi, Binda & Pilato, 2016

*Paramacrobotus privitera* (Binda, Pilato, Moncada & Napolitano, 2001) <Transferred from *Macrobotus* by Degma 2013>

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

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

*Paramacrobotus sagani* Daza, Caicedo, Lisi & Quiroga, 2017

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

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

*Paramacrobotus spatialis* Guidetti, Cesari, Bertolani, Altiero & Rebecchi, 2019

*Paramacrobotus spinosus* Kaczmarek, Gawlak, Bartels, Nelson & Roszkowska, 2017

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

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

*Paramacrobotus vanescens* (Pilato, Binda & Catanzaro, 1991) <Transferred from *Macrobotus* 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}

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

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

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

***Pseudodiphascon inflexum*** (Arcidiacono, 1964)

*Pseudohexapodibius* Bertolani & Biserov, 1996

***Pseudohexapodibius degenerans*** (Biserov, 1990)

*Schusterius* Kaczmarek & Michalczyk, 2006  
*Schusterius tridigitus* (R.O. Schuster, 1983)

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

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

*Sisubiotus hakaiensis* Vecchi, Choong & Calhim, 2022

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

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

*Tenuibiotus* Pilato & Lisi, 2011  
<Amended by Stec & Morek 2022>

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

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

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

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

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

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

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

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

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

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

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

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

*Tenuibiotus yeliseii* Tsvetkova & Tumanov, 2024

*Tenuibiotus zandrae* Stec, Tumanov & Kristensen, 2020

*Xerobiotus* Bertolani & Biserov, 1996

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

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

*Xerobiotus euxinus* Pilato, Kiosya, Lisi, Inshina & Biserov, 2011 <Transferred from *Xerobiotus* to *Macrobotus* by Stec *et al.* 2021a> {Based on type material, additional characters to the original description were added by Vincenzi *et al.* 2024} {see also *Macrobotus*}

*Xerobiotus gretae* Massa, Guidetti, Cesari, Rebecchi & Jönsson, 2021 <Transferred from *Xerobiotus* to *Macrobotus* by Stec *et al.* 2022> {see also *Macrobotus*}



*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> {see also *Macrobiotus*}

*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) [*Macrobiotus inermis* Binda & Pilato, 1971] {see also *Macrobiotus*} <Re-transferred from *Xerobiotus* to *Macrobiotus* 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 *Macrobiotus* by Stec *et al.* 2021a> {see also *Macrobiotus*}

Family: Murrayidae Guidetti, Rebecchi & Bertolani, 2000

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

*Dactylobiotus ambiguus* (Murray, 1907)

*Dactylobiotus ampullaceus* (Thulin, 1911)

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

*Dactylobiotus caldarellai* Pilato & Binda, 1994

*Dactylobiotus dervizi* Biserov, 1998

*Dactylobiotus dispar* (Murray, 1907)

*Dactylobiotus grandipes* (Schuster, Toftner & Grigarick, 1978) <Amended by Kaczmarek & Michalczyk 2010>

*Dactylobiotus haplonyx* Maucci, 1981

*Dactylobiotus henanensis* 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

*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 vulcanus* Kaczmarek, Schabetsberger, Litwin & Michalczyk, 2012

*Macroversum* Pilato & Catanzaro, 1988

*Macroversum mirum* Pilato & Catanzaro, 1988

*Murrayon* Bertolani & Pilato, 1988

<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 ovoglobellus* (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  
*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

[Richtersiidae Guidetti, Rebecchi, Bertolani, Jönsson, Kristensen & Cesari, 2016]  
<Amended by Lisi *et al.* 2020, Guidetti *et al.* 2021, Stec 20222023 and by Massa *et al.* 2024>

*Diaforobiotus* Guidetti, Rebecchi, Bertolani, Jönsson, Kristensen & Cesari, 2016  
*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 >  
*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 20222023 (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 20222023}  
*Diaforobiotus occidentalis* (Murray, 1910) <Transferred from *Macrobiotus* by Massa *et al.* 2024>  
*Diaforobiotus svalbardicus* Stec, 20222023

*Richtersius* Pilato & Binda, 1989  
[*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 mazepi* Kiosya & Stec, 2022  
*Richtersius tertius* Pogwizd & Stec, 2022  
*Richtersius ziemowiti* Kayastha, Berdi, Miaduchowska, Gawlak, Łukasiewicz, Gołdyn, Jędrzejewski & Kaczmarek, 2020

#### *Incertae sedis*

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

Family: Beornidae Cooper, 1964

*Beorn* Cooper, 1964

*Beorn leggi* Cooper, 1964 {fossil species}

Family: Necopinatidae Ramazzotti & Maucci, 1983

*Necopinatum* Pilato, 1971

*Necopinatum mirabile* Pilato, 1971

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