

# Actual checklist of Tardigrada species (2009-2022, 41<sup>th</sup> Edition: 12-05-2022)

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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., Bertolani, R. & 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 3233 families, 153156 genera, 13801406 species and 3031 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

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

{Jørgensen *et al.* 2010 reconsider valid the family}

[Archechiniscinae in Grimaldi de Zio & D'Addabbo Gallo, 1987]

*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 crassipes* Tchesunov & Mokievsky, 1995  
*Batillipes dandarae* E. Santos, da Rocha, Gomes Jr. & Fontoura, 2017  
*Batillipes dicrocercus* Pollock, 1970  
*Batillipes friaufi* Riggan, 1962  
*Batillipes gilmartini* McGinty, 1969  
*Batillipes homocercus* Bartels & Fontoura, 2021 in Bartels *et al.* 2021  
*Batillipes ichthyocercus* Bartels & Fontoura, 2021 in Bartels *et al.* 2021  
*Batillipes 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 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 falculus*** 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

*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 signae* Hansen & Kristensen, 2021

*Ligiarctus* Renaud-Mornant, 1982

<Amended by Gomes-Júnior *et al.* 2017/2018 and Hansen & Kristensen 2021>

*Ligiarctus alatus* Gomes-Júnior, E. Santos, da Rocha, P.J.P. Santos & Fontoura, 2018 {see  
*Higginsarctus*}

*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 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: Megastygarctidinae Bello & de Zio Grimaldi, 1998

<Amended by Hansen & Kristensen 2006>

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

***Megastygarctides christinae*** Hansen & Kristensen, 2006

*Megastygartides gerdae* Hansen & Kristensen, 2006  
*Megastygartides isounguis* Renaud-Mornant, 1981  
***Megastygartides orbiculatus*** McKirdy, Schmidt & McGinty-Bayly, 1976  
*Megastygartides setoloso* Morgan & O'Reilly, 1989  
*Megastygartides sezginii* Ürkmez, Ostrowska, Roszkowska, Gawlak, Zawierucha, Kristensen & Kaczmarek, 2017

Subfamily: Stygarctinae Schulz, 1951

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

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

*Mesostygartus* Renaud-Mornant, 1979  
<Amended and reconsidered valid as genus by Hansen *et al.* 2012>  
***Mesostygartus intermedius*** Renaud-Mornant, 1979 <Transferred from *Pseudostygartus* by Hansen *et al.* 2012>  
*Mesostygartus spiralis* Hansen, Kristensen & Jørgensen, 2012

*Parastygartus* Renaud-Debyser, 1965  
<Amended by Hansen *et al.* 2012>  
*Parastygartus biungulatus* Morone De Lucia, Grimaldi de Zio & D'Addabbo Gallo, 1984  
***Parastygartus higginsi*** Renaud-Debyser, 1965  
*Parastygartus mediterranicus* Gallo D'Addabbo, Grimaldi de Zio & Sandulli, 2001  
*Parastygartus renaudae* Grimaldi de Zio, D'Addabbo Gallo, Morone De Lucia & Daddabbo, 1987  
*Parastygartus robustus* Hansen, Kristensen & Jørgensen, 2012  
*Parastygartus sterreri* Renaud-Mornant, 1970  
*Parastygartus svennevigi* Hansen, Kristensen & Jørgensen, 2012

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

*Pseudostygartus* McKirdy, Schmidt & McGinty-Bayly, 1976  
<Amended by Hansen *et al.* 2012>  
*Pseudostygartus apuliae* Gallo D'Addabbo, de Zio Grimaldi & D'Addabbo, 2000  
*Pseudostygartus galloae* Hansen, Kristensen & Jørgensen, 2012  
*Pseudostygartus mirabilis* de Zio Grimaldi, D'Addabbo Gallo & Morone De Lucia, 1998  
*Pseudostygartus rugosus* Gallo D'Addabbo, de Zio Grimaldi & Sandulli, 2001  
***Pseudostygartus triangulatus*** McKirdy, Schmidt & McGinty-Bayly, 1976 <Amended by Hansen *et al.* 2012>

*Stygartus* Schulz, 1951  
*Stygartus abornatus* McKirdy, Schmidt & McGinty-Bayly, 1976  
*Stygartus ayatori* Fujimoto, 2014



*Stygarctus bradypus* Schulz, 1951  
*Stygarctus goubaultae* Renaud-Mornant, 1981  
*Stygarctus granulatus* Pollock, 1970  
*Stygarctus keralensis* Vishnudattan, Bijoy Nandan, Hansen & Jayachandran, 2021  
*Stygarctus lambertii* Grimaldi de Zio, D'Addabbo Gallo, Morone De Lucia & Daddabbo, 1987  
*Stygarctus spinifer* Hiruta, 1985

Family: Styraconyxidae Kristensen & Renaud-Mornant, 1983  
<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 {for taxonomic status of of the subspecies see Kaczmarek *et al.* 2015} <Amended by Fujimoto & Hansen 2019 who consider *Angursa bicuspis abyssalis* to be a valid species>  
*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 {Bussau (1992) elevated *A. bicuspis clavifera* to the species level}  
*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, 1992

*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 jesperi* Jørgensen, Boesgaard, Møbjerg & Kristensen, 2014  
*Raiarctus katrinae* Jørgensen, Boesgaard, Møbjerg & Kristensen, 2014  
*Raiarctus variabilis* D'Addabbo Gallo, Grimaldi de Zio & Morone De Lucia, 1986

*Rhomboarctus* Renaud-Mornant, 1984

*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.* 2019>

Subfamily: Echiniscoidinae Kristensen & Hallas, 1980  
 <Amended by Møbjerg *et al.* 2019>

*Echiniscoides* Plate, 1888  
*Echiniscoides andamanensis* Chang & Rho, 1998  
*Echiniscoides bruni* D'Addabbo Gallo, Grimaldi de Zio, Morone De Lucia & Troccoli, 1992  
*Echiniscoides costaricensis* Bartels & Fontoura, 2021 in Bartels *et al.* 2021  
*Echiniscoides hoepneri* Kristensen & Hallas, 1980  
*Echiniscoides ritavargasae* Bartels, Fontoura, Mioduchowska & Kaczmarek, 2021 in Bartels *et al.* 2021  
*Echiniscoides rugostellatus* Perry, Rawson, Ameral, Miller, J.D. Miller, 2018  
***Echiniscoides sigismundi sigismundi*** (M. Schultze, 1865)  
*Echiniscoides sigismundi galliensis* Kristensen & Hallas, 1980  
*Echiniscoides sigismundi groenlandicus* Kristensen & Hallas, 1980  
*Echiniscoides sigismundi hispaniensis* Kristensen & Hallas, 1980  
*Echiniscoides sigismundi mediterranicus* Kristensen & Hallas, 1980  
*Echiniscoides sigismundi polynesiensis* Renaud-Mornant, 1976  
*Echiniscoides sigismundi porphyrae* Grimaldi de Zio, Gallo D'Addabbo & Pietanza, 2000  
*Echiniscoides sigismundi verrucariae* Grimaldi de Zio, Gallo D'Addabbo & Pietanza, 2000  
*Echiniscoides travei* Bellido & Bertrand, 1981

*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 higginsi* (Hallas & Kristensen, 1982) <Transferred from *Echiniscoides* by Møbjerg *et al.* 2016>

***Isoechiniscoides sifae*** Møbjerg, Kristensen & Jørgensen, 2016

Family: **Carphaniidae** 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.* 2022>

*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.* 2022

*Barbaria pseudowendti* (Dastych, 1984) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d> {see *Claxtonia*}

*Barbaria quitensis* (Pilato, 2007) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2022>

*Barbaria ranzii* (Ramazzotti, 1964) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

*Barbaria weglarskae* Gąsiorek, Wilamowski, Vončina & Michalczyk, 2022

*Bryochoerus* Marcus, 1936

*Bryochoerus intermedius intermedius* (Murray, 1910)

*Bryochoerus intermedius hawaiiicus* (Thulin, 1928)

*Bryochoerus intermedius laevis* (Marcus, 1936)

*Bryochoerus liupanensis* Xue, X. Li, L. Wang, Xian, Chen, 2017

*Bryodelphax* Thulin, 1928

*Bryodelphax aaseae* Kristensen, Michalczyk & Kaczmarek, 2010

*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  
*Bryodelphax sinensis* (Pilato, 1974)  
*Bryodelphax tatrensis* (Węglarska, 1959)  
*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 crebraclava* (X. Z. Sun, X. Li & Feng, 2014) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d> {see *Nebularmis*}  
*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) {*nomen inquirendum* according to Gąsiorek *et al.* 2019d} <Transferred from *Echiniscus* by 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.* 2022**>  
*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>

*Cornechiniscus* Maucci & Ramazzotti, 1981

*Cornechiniscus brachycornutus* Maucci, 1987 <Amended by Gąsiorek & Michalczyk 2020>  
*Cornechiniscus ceratophorus* (Maucci, 1973) <Amended by Gąsiorek & Michalczyk 2020>  
***Cornechiniscus cornutus*** (Richters, 1907) [*Pseudechiniscus intermedius* Mihelčič, 1970] <Amended by Gąsiorek & Michalczyk 2020>  
*Cornechiniscus holmeni* (Petersen, 1951) <Amended by Gąsiorek & Michalczyk 2020>  
*Cornechiniscus imperfectus* Gąsiorek & Michalczyk, 2020  
*Cornechiniscus lobatus* (Ramazzotti, 1943) [*Pseudechiniscus cornutus* Mihelčič, 1966] <Amended by Gąsiorek & Michalczyk 2020>  
*Cornechiniscus madagascariensis* Maucci, 1993 <Amended by Gąsiorek & Michalczyk 2020>  
*Cornechiniscus schrammi* (Dastyk, 1979) <Amended by Gąsiorek & Michalczyk 2020>  
*Cornechiniscus subcornutus* Maucci & Ramazzotti, 1981 <Amended by Gąsiorek & Michalczyk 2020>  
*Cornechiniscus tibetanus* (Maucci, 1979) <Amended by Gąsiorek & Michalczyk 2020>

*Diploechiniscus* Vicente, Fontoura, Cesari, Rebecchi, Guidetti, Serrano & Bertolani, 2013

***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 established by Kaczmarek *et al.* 2021>

*Echiniscus* C.A.S. Schultze, 1840

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

*Echiniscus africanus* Murray, 1907  
*Echiniscus angolensis* da Cunha & do Nascimento Ribeiro, 1964  
***Echiniscus aonikenk*** Gąsiorek, Bochnak, Vončina & Michalczyk, 2021  
*Echiniscus apuanus* M. Bertolani, 1946  
*Echiniscus arcangelii* Maucci, 1973-74  
*Echiniscus arctomys* Ehrenberg, 1853 {*nomen inquirendum* according to Gąsiorek *et al.* 2019d}  
*Echiniscus arthuri* Pilato, Binda & Lisi, 2005  
*Echiniscus azoricus* Fontoura, Pilato & Lisi, 2008  
*Echiniscus baius* Marcus, 1928  
*Echiniscus baloghi* Iharos, 1973

*Echiniscus batramiae* Iharos, 1936  
*Echiniscus becki* Schuster & Grigarick, 1966  
*Echiniscus belloporus* Gašiorek & Kristensen, 2018  
*Echiniscus bisculptus* Maucci, 1983  
*Echiniscus blumi blumi* Richters, 1903 [*Echiniscus ramazzottii* Binda & Pilato, 1969, *Echiniscus bisetosus* Heinis, 1908 according to Gašiorek *et al.* 2019d, *Echiniscus mediantus* Marcus, 1930 according to Gašiorek *et al.* 2019d]  
*Echiniscus blumi schizofilus* Bartoš, 1941  
*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 carusoi* Pilato, 1972  
*Echiniscus cavagnaroi* Schuster & Grigarick, 1966 <Amended by Meyer 2016>  
*Echiniscus cervicornis* Murray, 1906  
~~*Echiniscus charrua* Claps & Rossi, 1997 {see *Barbaria*}~~  
*Echiniscus cheonyoungi* Moon & Kim, 1994  
*Echiniscus clevelandi* Beasley, 1999  
*Echiniscus columinis* Murray, 1911  
*Echiniscus crassispinosus crassispinosus* Murray, 1907  
*Echiniscus crassispinosus fasciatus* Marcus, 1928  
*Echiniscus curiosus* Claxton, 1996  
*Echiniscus darienae* Miller, Horning & Dastych, 1995  
*Echiniscus dikenli* Maucci, 1973  
*Echiniscus diploglyptus* Durante Pasa & Maucci, 1975  
*Echiniscus divergens* Marcus, 1936  
*Echiniscus dreyfusi* de Barros, 1942  
*Echiniscus duboisi* Richters, 1902  
*Echiniscus egnatiae* Durante Pasa & Maucci, 1979  
*Echiniscus ehrenbergi* Dastych & Kristensen, 1995  
*Echiniscus elaeinae* Pilato, Binda & Lisi, 2005  
*Echiniscus evelinae* de Barros, 1942  
*Echiniscus granulatus* (Doyère, 1840) [*Echiniscus crassus* Richters, 1904; *Echiniscus fortis* Bartoš, 1935; *Echiniscus abanti* Maucci, 1973]  
*Echiniscus heterospinosus* Maucci, 1954  
*Echiniscus hexacanthus* Maucci, 1973  
*Echiniscus hoonsooi* Moon & Kim, 1990  
*Echiniscus inocelatus* Mihelčič, 1938 [*Echiniscus inocellatus* Mihelčič, 1964]  
*Echiniscus insuetus* Mihelčič, 1967 {*species dubia* according to Gašiorek *et al.* 2019d}  
*Echiniscus insularis* Gašiorek, Vončina & Kiosya, 2021 in Kiosya *et al.* 2021  
*Echiniscus jagodici* Mihelčič, 1951 {*nomen dubium* according to Dastych 2015}  
*Echiniscus jamesi* Claxton, 1996  
*Echiniscus kerguelensis* Richters, 1904  
*Echiniscus knowltoni* Schuster & Grigarick, 1971  
*Echiniscus kosickii* Kaczmarek & Michalczyk, 2010  
*Echiniscus lapponicus* Thulin, 1911



*Echiniscus laterosetosus* Ito, 1993  
*Echiniscus laterospinosus* Rudescu, 1964  
*Echiniscus lentiferus* Claxton & Dastych, 2017  
*Echiniscus lichenorum* Maucci, 1983 {*nomen inquirendum* according to Gąsiorek *et al.* 2019d}  
*Echiniscus lineatus* Pilato, Fontoura, Lisi & Beasley, 2008 [*Echiniscus dariae* Kaczmarek & Michalczyk, 2010 in Gąsiorek *et al.* 2019b]  
*Echiniscus longispinosus* Murray, 1907  
*Echiniscus loxophthalmus* Richters, 1911 {*species dubia* according to Gąsiorek *et al.* 2019d}  
*Echiniscus manuelae* da Cunha & do Nascimento Ribeiro, 1962  
*Echiniscus marcusii* Pilato, Claxton & Binda, 1989  
*Echiniscus marginatus* Binda & Pilato, 1994  
*Echiniscus marleyi* X. Li, 2007  
*Echiniscus masculinus* Gąsiorek, Vončina & Michalczyk, 2020  
*Echiniscus merokensis merokensis* Richters, 1904 [*Echiniscus iharosi* Rudescu, 1964, *Echiniscus simba* Marcus, 1928 according to Gąsiorek *et al.* 2019d]  
*Echiniscus merokensis suecicus* Thulin, 1911  
*Echiniscus migiurtinus* Franceschi, 1957  
*Echiniscus militaris* Murray, 1911  
*Echiniscus mongoliensis* Iharos, 1973 <Elevated to the 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 ornamentatus* Gąsiorek & Kristensen, 2018  
*Echiniscus osellai* Maucci, 1975  
*Echiniscus pajstunensis* Bartoš, 1941  
~~*Echiniscus palmae* Dastych, 1997 {see *Zealandiscus*}~~  
*Echiniscus pellucidus* Gąsiorek, Bochnak, Vončina & Michalczyk, 2021  
*Echiniscus perarmatus* Murray, 1907 [*Echiniscus maesi* Séméria, 1985 according to Gąsiorek *et al.* 2019d]  
~~*Echiniscus peruvianus* Binda & Pilato, 1994 {see *E. testudo*}~~  
*Echiniscus polygonalis* Ito, 1993  
*Echiniscus pooensis* Rodriguez-Roda, 1948  
*Echiniscus porabrus* Horning, Schuster & Grigarick, 1978  
*Echiniscus postojnensis* Mihelčič, 1967 {*nomen dubium* according to Dastych 2015} [*Echiniscus loxophthalmus* Mihelčič, 1939]  
*Echiniscus punctus* McInnes, 1995  
*Echiniscus pusae* Marcus, 1928  
*Echiniscus quadrispinosus quadrispinosus* Richters, 1902 [*Echiniscus scrofa* Richters, 1902]  
*Echiniscus quadrispinosus brachyspinosus* Bartoš, 1934  
*Echiniscus quadrispinosus cribrosus* Murray, 1907  
*Echiniscus quadrispinosus fissispinosus* Murray, 1907  
~~*Echiniscus quitensis* Pilato, 2007 {see *Barbaria*}~~  
*Echiniscus rackae* Dastych, 1986  
*Echiniscus reymondi* Marcus, 1928  
*Echiniscus robertsi* Schuster & Grigarick, 1965  
*Echiniscus rodnae* Claxton, 1996

*Echiniscus rugospinosus* Marcus, 1928  
*Echiniscus scabrospinus* Fontoura, 1982 <Amended by Pilato *et al.* 2008b>  
*Echiniscus semifoveolatus* Ito, 1993  
*Echiniscus shaanxiensis* X. Li, L. Wang & Yu, 2007  
*Echiniscus siegristi* Heinis, 1911  
*Echiniscus siticulosus* Gąsiorek & Michalczyk, 2020  
*Echiniscus speciosus* Mihelčič, 1967 [*species dubia* according to Gąsiorek *et al.* 2019d]  
 [Echiniscus roseus Mihelčič, 1967]  
*Echiniscus spiculifer* Schaudinn, 1901 [*species dubia* according to Gąsiorek *et al.* 2019d]  
*Echiniscus spiniger* Richters, 1904  
*Echiniscus spinulosus* (Doyère, 1840)  
*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) <Amended by Gąsiorek *et al.* 2017b> [*Echiniscus bellermanni* C.A.S. Schultze, 1840; *Echiniscus inermis* Richters, 1902; *Echiniscus trifilis* Rahm, 1921; *Echiniscus testudo quadrifilis* by Gąsiorek *et al.* 2017b; *Echiniscus filamentosus* Plate, 1888 by Gąsiorek *et al.* 2017b; *Echiniscus glaber* Bartoš, 1937 by Gąsiorek *et al.* 2017b; *Echiniscus peruvianus* Binda & Pilato, 1994 according to Gąsiorek *et al.* 2021f]  
*Echiniscus trisetosus* Cuénot, 1932 [*Echiniscus storkani* Bartoš, 1940 according to Gąsiorek *et al.* 2019d]  
*Echiniscus tristis* Gąsiorek & Kristensen, 2018  
*Echiniscus trojanus* Maucci, 1973  
*Echiniscus tropicalis* Binda & Pilato, 1995  
*Echiniscus tympanista* Murray, 1911  
*Echiniscus velaminis* Murray, 1910  
*Echiniscus virginicus* Riggan, 1962 <Amended by Christenberry & Mason 1979>  
*Echiniscus weisseri* Maucci, 1978  
*Echiniscus zetotrymus* Horning, Schuster & Grigarick, 1978

*Hypechiniscus* Thulin, 1928

*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<Description corrected 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) in Gąsiorek *et al.* 2021d>  
*Hypechiniscus papillifer* (Robotti, 1972) <Description corrected by Gąsiorek *et al.* 2021d >

*Kristenseniscus* Gąsiorek, Morek, Stec & Michalczyk, 2019  
*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 granulatus* Mihelčič, 1967  
***Mopsechiniscus imberbis*** (Richters, 1907)  
*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) {*species dubia* according to Gąsiorek *et al.* 2019d} <Transferred from *Echiniscus* by 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) {*nomen inquirendum* according to Gąsiorek *et al.* 2019a, c} <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>  
*Nebularmis markezi* (Mihelčič, 1971/72) {*nomen inquirendum* according to Gąsiorek *et al.* 2019a} <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>  
*Nebularmis nobilis* (Mihelčič, 1967) {***nomen dubium*** according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2019d} <Transferred from *Echiniscus* by Gąsiorek *et al.*

2019d>

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

*Nebularmis reticulatus* (Murray, 1905) <Transferred from *Echiniscus* by Gašiorek *et al.* 2019d> <Amended by Gašiorek *et al.* 2019a> [*Nebularmis mihelcici* (Iharos, 1973) in Gašiorek *et al.* 2019a; {*species dubia* according to Gašiorek *et al.* 2019d} <Transferred from *Echiniscus* by Gašiorek *et al.* 2019d>]

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

*Novechiniscus* Kristensen, 1987

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

*Parechiniscus* Cuénot, 1926

*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 Gašiorek *et al.* 2021c

*Pseudechiniscus (Pseudechiniscus) alberti* Dastych, 1987

*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, Chen, 2017

*Pseudechiniscus (Pseudechiniscus) clavatus* Mihelčič, 1955 {*species dubia* according to Gašiorek *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* Gašiorek, 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) marinae* Bartoš, 1934 [*Pseudechiniscus novaezeelandiae marinae* Bartoš, 1934 raised to species rank 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  
*Pseudechiniscus (Pseudechiniscus) occultus* Dastych, 1980  
*Pseudechiniscus (Pseudechiniscus) papillosus* X. Li, L. Wang, 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 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, 2021 in Gąsiorek *et al.* 2021c  
*Pseudechiniscus (Meridioniscus) angelusalas* Roszkowska, Grobys, Bartylak & Kaczmarek, 2020 in Roszkowska *et al.* 2020  
*Pseudechiniscus (Meridioniscus) bartkei* Węglarska, 1962  
*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 in Gąsiorek *et al.* 2021c, *Pseudechiniscus pilatoi* X. Li, 2007 in Gąsiorek *et al.* 2021c]  
*Pseudechiniscus (Meridioniscus) saltensis* Rocha, Doma, Gonzales Reyes & Lisi, 2020  
*Pseudechiniscus (Meridioniscus) santomensis* Fontoura, Pilato & Lisi, 2010  
*Pseudechiniscus (Meridioniscus) spinirectus* Pilato, Binda, Napolitano & Moncada, 2001  
*Pseudechiniscus (Meridioniscus) titianae* Vecchi, Cesari, Bertolani, Jönsson, Rebecchi & Guidetti, 2016a  
*Pseudechiniscus (Meridioniscus) yunnanensis* L. Wang, 2009

not included in 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>

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

*Testechiniscus macronyx* (Richters, 1907)

*Testechiniscus meridionalis* (Murray, 1906)

***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 clavispinosus* (Fontoura, Pilato & Lisi, 2011) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

~~*Viridiscus miraviridis* Nelson, Adkins Fletcher, Guidetti, Roszkowska, Grobys & Kaczmarek, 2020 {see *V. viridissimus*}~~

*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>

*Viridiscus viridianus* (Pilato, Fontoura & Lisi, 2007) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

***Viridiscus viridis*** (Murray, 1910) <Amended by Pilato *et al.* 2008a> <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d>

*Viridiscus viridissimus* (Péterfi, 1956) <Transferred from *Echiniscus* by Gąsiorek *et al.* 2019d> [*Viridiscus miraviridis* Nelson, Adkins Fletcher, Guidetti, Roszkowska, Grobys & Kaczmarek, 2020/2021 according to Gąsiorek *et al.* 2021e]

*Zealandiscus* Kaczmarek & Roszkowska, 2021

***Zealandiscus palmai*** (Dastyh, 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 {valid according to Morek *et al.* 2016} <Redescribed by Morek *et al.* 2019>

*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 dornensis* Ciobanu, Roszkowska & Kaczmarek, 2015  
*Milnesium dujiangensis* Yang, 2003 {*nomen dubium* according to Morek *et al.* 2016}  
*Milnesium eurystomum* Maucci, 1991 <Amended by Michalczyk *et al.* 2012>  
*Milnesium fridae* Moreno-Talamantes, León-Espinosa, García-Aranda, Flores-Maldonado & Kaczmarek, 2020  
*Milnesium granulatum* Ramazzotti, 1962 <Amended and elevated to the species level by Michalczyk *et al.* 2012>  
*Milnesium inceptum* Morek, Suzuki, Schill, Georgiev, Yankova, Marley & Michalczyk, 2019  
*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 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 reductum* Tumanov, 2006 <Amended by Morek *et al.* 2020a>  
*Milnesium reticulatum* Pilato, Binda & Lisi, 2002  
*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 by Michalczyk *et al.* 2012; Amended by Morek *et al.* 2018>  
*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  
 <Amended by Trygvadóttir & Kristensen 2011>



[Amphibolidae Bertolani, 1981]

*Austeruseus* Trygvadóttir & Kristensen, 2011

*Austeruseus balduri* Trygvadóttir & Kristensen 2011

*Austeruseus faeroensis* Trygvadóttir & Kristensen 2011

*Austeruseus rokuri* Trygvadóttir & Kristensen 2011

*Bertolanus* Özdikmen, 2008

<Amended by Trygvadóttir & Kristensen 2011>

[*Amphibolus* Bertolani, 1981 in Özdikmen 2008]

*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: Calohypsibiidae Pilato, 1969

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

*Calohypsibius* Thulin, 1928

*Calohypsibius ornatus* (Richters, 1900) [*Hypsibius* (*Calohypsibius*) *armatus* Bartoš, 1938;

*Hypsibius* (*Calohypsibius*) *intermedius* Mihelčič, 1939]

*Calohypsibius maliki* Michalczyk & Kaczmarek, 2005

*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}

*Diphascon australianum* Pilato & Binda, 1998

*Diphascon bicorne* (Mihelčič, 1971) {*nomen dubium* according to Dastych 2015}

*Diphascon bidropion* Ito, 1995  
*Diphascon birklehofti* 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 halapiense* (Iharos, 1964) <Transferred to *Pilatobius* by Bertolani *et al.* 2014. Re-transferred to *Diphascon* by Tumanov 2018>  
*Diphascon higginsi* 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 mirabilis* Dastych, 1984  
*Diphascon mitrense* Pilato, Binda & Quattieri, 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  
*Diphascon victoriae* Pilato & Binda, 1999  
*Diphascon wuyingensis* X.-L. Sun, J.-Y. Zhang, N. Wang, Zhao & Luo, 2020  
*Diphascon zaniiewi* Kaczmarek & Michalczyk, 2004

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 giusepperamazzotti* 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]

*Hypsibius morikawai* Ito, 1995

*Hypsibius multituberculatus* Pilato, Binda & Lisi, 2003

*Hypsibius murrayi* (Richters, 1907) <Redescribed by Dastych 2018> [*Hypsibius heardensis* Miller, McInnes & Bergstrom, 2005 according to Dastych 2018]

*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

Subfamily: Itaquasconinae Bartoš in Rudescu, 1964  
<Amended by Bertolani *et al.* 2014 and by Gąsiorek & Michalczyk 2020a>

*Adropion* Pilato, 1987  
<Subgenus *Adropion* of the genus *Diphascon* raised to genus level and transferred from  
Diphasconinae by Bertolani *et al.* 2014>  
<Amended by Gąsiorek & Michalczyk 2020a>

*Adropion afroglacialis* Zawierucha, Gąsiorek & Buda, 2018 in Zawierucha *et al.* 2018a  
*Adropion behanae* (Dastych, 1987)  
*Adropion belgicae* (Richters, 1911) [*Fujiscon diphasconiellum* Ito, 1991] <Amended by Bernard  
1977>  
*Adropion gani* (X.-Z. Sun, X. Li & Feng, 2014)  
*Adropion gordonense* (Pilato, Claxton & Horning, 1991)  
*Adropion greveni* (Dastych, 1984)  
*Adropion linzhiensis* (X. Li, 2007)  
*Adropion marcusii* (Rudescu, 1964) ~~species dubia~~ {*nomen dubium* according to Dastych 2015}  
<Transferred from *Mesocrista* by Gąsiorek *et al.* 2016> {*species dubia* according to  
Gąsiorek *et al.* 2016; for taxonomic status of the species see Gąsiorek *et al.* 2016}  
*Adropion mauccii* (Dastych & McInnes, 1996)  
*Adropion onorei* (Pilato, Binda, Napolitano & Moncada, 2002)  
***Adropion scoticum scoticum*** (Murray, 1905) [*Diphascon crozetense* Richters, 1907]  
*Adropion scoticum ommatophorum* (Thulin, 1911)  
*Adropion scoticum qinlingensis* (X. Li & Liu, 2005)  
*Adropion tricuspdatum* (Binda & Pilato, 2000)  
*Adropion triodon* (Maucci, 1996)

*Astatumen* Pilato, 1997  
*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>

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

*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) <Transferred from *Adropion* by Gąsiorek & Michalczyk 2020a>

*Guidettion vexatum* (Pilato, Sabella, D'Urso & Lisi, 2017) <Transferred from *Adropion* by Gąsiorek & Michalczyk 2020a>

*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 cambewarrense* Pilato, Binda & Claxton, 2002

*Itaquascon encelli* (Mihelčič, 1971/72)

*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 simplex* (Mihelčič, 1971)

***Itaquascon umbellinae*** de Barros, 1939

*Itaquascon unguiculum* Pilato, Binda & Claxton, 2002

*Meplitumen* Lisi, Daza, Londoño, Quiroga & Pilato, 2019

***Meplitumen aluna*** Lisi, Daza, Londoño, Quiroga & Pilato, 2019

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

*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

*Platicrista affine* (Mihelčič, 1951)

*Platicrista angustata* (Murray, 1905)

*Platicrista brunsoni* Miller & J.D. Miller, 2021

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

*Platicrista horribilis* Kaczmarek & Michalczyk, 2003

*Platicrista ramsayi* Marley, 2006

*Raribius* Gąsiorek & Michalczyk, 2020

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

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

*Sarascon* Guil, Rodrigo & Machordom, 2014

*Sarascon hortensiae* Guil, Rodrigo & Machordom, 2014

Subfamily: Pilatobiinae Bertolani, Guidetti, Marchioro, Altiero, Rebecchi & Cesari, 2014  
<Amended by Gąsiorek & Michalczyk 2020>

*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>

*Pilatobius brevipes* (Marcus, 1936) <Transferred from *Diphascon* by Bertolani *et al.* 2014>

*Pilatobius bullatus* (Murray, 1905) <Transferred from *Diphascon* by Bertolani *et al.* 2014>

*Pilatobius burti* (Nelson, 1991) <Transferred from *Diphascon* by Bertolani *et al.* 2014>

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

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

*Pilatobius glacialis* Zawierucha, Buda & Gąsiorek, 2020 in Zawierucha *et al.* 2020

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

*Pilatobius iltisi* (Schuster & Grigarick, 1965) <Transferred from *Diphascon* by Bertolani *et al.* 2014>

*Pilatobius islandicus* Buda & Zawierucha in Buda *et al.* 2018

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

*Pilatobius nodulosus* (Ramazzotti, 1957) <Transferred from *Diphascon* by Bertolani *et al.* 2014>

*Pilatobius nonbullatus* (Mihelčič, 1951) {*nomen dubium* according to Dastych 2015}  
 <Transferred from *Diphascon* by Bertolani *et al.* 2014>  
*Pilatobius nuominensis* X.-L. Sun, J.-Y. Zhang, N. Wang, Zhao & Luo, 2021  
*Pilatobius oculatus oculatus* (Murray, 1906) <Transferred from *Diphascon* by Bertolani *et al.* 2014>  
*Pilatobius oculatus alpinus* (Mihelčič, 1964) {*nomen dubium* according to Dastych 2015}  
 <Transferred from *Diphascon* by Bertolani *et al.* 2014>  
*Pilatobius oculatus canadensis* (Murray, 1910) [*Hypsibius vancouverensis* Thulin, 1911]  
 <Transferred from *Diphascon* by Bertolani *et al.* 2014>  
*Pilatobius opisthoglyptus* (Maucci, 1987) <Transferred from *Diphascon* by Tumanov 2018>  
*Pilatobius patanei* (Binda & Pilato, 1971) <Transferred from *Diphascon* by Bertolani *et al.* 2014>  
*Pilatobius procerus* (Pilato, Sabella & Lisi, 2014) <Transferred from *Diphascon* by Tumanov 2018>  
*Pilatobius ramazzottii* (Robotti, 1970) <Transferred from *Diphascon* by Bertolani *et al.* 2014>  
*Pilatobius recamieri* (Richters, 1911) <Transferred from *Diphascon* by Bertolani *et al.* 2014>  
 <Amended by Gašiorek *et al.* 2017a>  
*Pilatobius rugocaudatus* (Rodríguez Roda, 1952) <Transferred from *Diphascon* by Bertolani *et al.* 2014>  
*Pilatobius rugosus* (Bartoš, 1935) <Transferred from *Diphascon* by Bertolani *et al.* 2014>  
*Pilatobius secchii* (Bertolani & Rebecchi, 1996) {*nomen inquirendum* according to Gašiorek *et al.* 2017a} <Transferred from *Diphascon* by Bertolani *et al.* 2014>  
*Pilatobius sexbullatus* (Ito, 1995) <Transferred from *Diphascon* by Bertolani *et al.* 2014>  
*Pilatobius trachydorsatus* (Bartoš, 1937) <Transferred from *Diphascon* by Bertolani *et al.* 2014>  
*Pilatobius ziliense* (Lisi, Sabella & Pilato, 2014) <Transferred from *Diphascon* by Tumanov 2018>

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

*Acutuncus* Pilato & Binda, 1997

<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

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

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

*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: 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: Ramazzottiidae Sands, McInnes, Marley, Goodall-Copetake, 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 conjugens*** (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 & Diduszko, 2006

*Ramazzottius caucasicus* Biserov, 1997/98

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

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

*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: Isohypsibioidea Sands, McInnes, Marley, Goodal-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 monstruosus* (Maucci, 1991) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Doryphoribius neglectus* Pilato & Lisi, 2004  
*Doryphoribius niedbalai* Zawierucha, Michalczyk & Kaczmarek, 2012  
*Doryphoribius picoensis* Fontoura, Pilato & Lisi, 2008  
*Doryphoribius pilato* 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)] {Dastych 2016 amended *I. tetradactyloides* and synonymized it with *I. asper*} <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius baicalensis* (Ramazzotti, 1966) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius baldii* (Ramazzotti, 1945) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius baldioides* (Tumanov, 2003) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius brevitubulatus* (Rho, Chang & Kim, 1997) (in Rho *et al.* 1997) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius cryophilus* Zawierucha, Buda, Novotna Jaromerska & Gąsiorek, 2020 in Zawierucha *et al.* 2020

*Grevenius deconincki* (Pilato, 1971) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius deflexus* (Mihelčič, 1960) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius fuscus* (Mihelčič, 1971/72) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}  
 <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius granditintinus* (Chang & Rho, 1996) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
***Grevenius granulifer*** (Thulin, 1928) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius hydrogogianus* (Ito & Tagami, 1993) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius karenae* (Zawierucha, 2013) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius kenodontis* (Kendall-Fite & Nelson, 1996) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius koreanensis* (Iharos, 1971) <*Isohypsibius granulifer koreanensis* (Iharos, 1971) elevated to a species rank 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) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e} <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius pulcher* (Mihelčič, 1971/72) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e} <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius pushkini* (Tumanov, 2003) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Grevenius rugosus* (Guidi & Grabowski, 1996) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e} <Transferred from *Isohypsibius* by 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 tuberciculatus* (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>

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) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}

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

*Halobiotus arcturulus* Crisp & Kristensen, 1983

***Halobiotus crispae*** Kristensen, 1982

*Halobiotus geddesi* (Hallas, 1971) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}

<Transferred from *Hypsibius* by 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 [Renamed *Isohypsibius papillifer indicus* (Iharos, 1969) in Gąsiorek *et al.* 2019e]

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

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

*Dianea belliforma* (Mihelčič, 1971) {**nomen dubium according to Dastych 2015**; *species dubia*

- according to Gąsiorek *et al.* 2019e} <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
- Dianea brevispinosa* (Iharos, 1966) {*species dubia* according to Gąsiorek *et al.* 2019e} <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
- Dianea costata* (Mihelčič, 1971) {*nomen dubium* according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2019e} <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
- Dianea effusa* (Mihelčič, 1971) {*nomen dubium* according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2019e} <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
- Dianea franzi* (Mihelčič, 1951) {*nomen dubium* according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2019e} <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
- Dianea helenae* (Iharos, 1964) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e} <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
- Dianea indica* (Murray, 1907) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e} <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
- Dianea mammillosa* (Iharos, 1964) {*species dubia* according to Gąsiorek *et al.* 2019e} <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
- Dianea papillifera* (Murray, 1905) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e; *Isohypsibius papillifer bulbosus* (Marcus, 1928) suppressed by Gąsiorek *et al.* 2019e>
- Dianea rahmi* (X. Li & L. Wang, 2006) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
- Dianea sattleri*** (Richters, 1902) [*Hypsibius bakonyiensis* Iharos, 1964] {the correct reference of Dastych 1990 cited in the previous check lists is: Dastych, H. (1991) *Isohypsibius sattleri* (Richters 1902), a valid species (Tardigrada). *Senckenbergiana biologica*, 71, 181–189.} <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
- Dianea tuberculoides* (Mihelčič, 1951) {*nomen dubium* according to Dastych 2015; *species dubia* according to Gąsiorek *et al.* 2019e} <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>
- Dianea vejdoskyi* (Bartoš, 1939) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e} <Transferred from *Isohypsibius* by 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) [*Isohypsibius prosostomus cambrensis* (Morgan, 1976) raised to a species rank 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 palmai* 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) {*nomen inquirendum* according to Gąsiorek *et al.*

2019e} [*Isohypsibius gibbus* (Marcus, 1928)]  
*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) {*species dubia* according to Gąsiorek *et al.* 2019e}  
<Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Ursulinius bulbifer* (Mihelčič, 1957) {*nomen dubium* according to Dastych 2015; *species dubia*  
according to Gąsiorek *et al.* 2019e} <Transferred from *Isohypsibius* by Gąsiorek *et al.*  
2019e>  
*Ursulinius cameruni* (Iharos, 1969) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Ursulinius cyrilli* (Mihelčič, 1951) {*nomen dubium* according to Dastych 2015} <Transferred  
from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*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) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}  
<Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Ursulinius gyulai* (Mihelčič, 1971) {*nomen dubium* according to Dastych 2015; *species dubia*  
according to Gąsiorek *et al.* 2019e} <Transferred from *Isohypsibius* by Gąsiorek *et al.*  
2019e>  
*Ursulinius hypostomoides* (Mihelčič, 1971) {*nomen dubium* according to Dastych 2015}  
<Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Ursulinius josephi* (Iharos, 1964) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Ursulinius latiunguis* (Iharos, 1964) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}  
<Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Ursulinius leithaicus* (Iharos, 1966) <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Ursulinius lunulatus* (Iharos, 1966) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}  
<Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Ursulinius mihelcici* (Iharos, 1964) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}  
<Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Ursulinius montanus* (Mihelčič, 1938) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}  
<Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Ursulinius neoundulatus* (Durante Pasa & Maucci, 1975) <Transferred from *Isohypsibius* by  
Gąsiorek *et al.* 2019e>  
*Ursulinius nodosus* (Murray, 1907) {*nomen dubium* according to Dastych 2015} <Transferred  
from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*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) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}  
 <Transferred from *Isohypsibius* by 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) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}  
 <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Ursulinius theresiae* (Iharos, 1964) {*nomen inquirendum* according to Gąsiorek *et al.* 2019e}  
 <Transferred from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*Ursulinius torulosus* (Mihelčič, 1959) {*nomen dubium* according to Dastych 2015} <Transferred  
 from *Isohypsibius* by Gąsiorek *et al.* 2019e>  
*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

{probably belongs to the family Ramazzottiidae according to Bertolani *et al.* 2014}  
 <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>

*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}

*Ramajendas* Pilato & Binda, 1990 {see Ramajendidae}

{probably belongs to the family Ramazzottiidae according to Bertolani *et al.* 2014}  
 <Transferred from Ramazzottiidae to Isohypsibiidae by Zawierucha *et al.* 2018b; Transferred

~~from Isohypsibiidae by Gąsiorek *et al.* 2019e>~~  
~~*Ramajendas dastychi* Kaczmarek, Janko, Smykla & Michalczyk, 2013~~  
~~*Ramajendas frigidus* Pilato & Binda, 1990~~  
~~*Ramajendas heatwolei* Miller, Horning & Dastych, 1995~~  
~~*Ramajendas renaudi* (Ramazzotti, 1972)~~

*Thalerius* Dastych, 2009

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

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

*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] <Amended and transferred from *Macrobiotus* by Lisi *et al.* 2020; amended by Stec *et al.* 2020f >

*Crenubiotus revelator* Lisi, Londoño & Quiroga, 2020

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

Family: Macrobiotidae Thulin, 1928

*Biserovus* Guidetti & Pilato, 2003

*Biserovus bindae* (Christenberry & Higgins, 1979)

*Calcarobiotus* Dastych, 1993

Subgenus: *Calcarobiotus* Dastych, 1993

*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>

*Macrobiotus* C.A.S. Schultze, 1834  
<Amended by Stec *et al.* 2021a>  
*Macrobiotus acadianus* (Meyer & Domingue, 2011) <Transferred from *Minibiotus* by Stec *et al.* 2015>  
*Macrobiotus almadai* Fontoura, Pilato & Lisi, 2008  
*Macrobiotus alvaroi* Pilato & Kaczmarek, 2007  
*Macrobiotus anderssoni* Richters, 1907  
*Macrobiotus andinus* Maucci, 1988  
*Macrobiotus anemone* Meyer, Domingue & Hinton, 2014  
*Macrobiotus annae* Richters, 1908 {*nomen inquirendum* according to Stec *et al.* 2021a}  
*Macrobiotus annewintersae* Vecchi & Stec, 2021  
*Macrobiotus ariekammensis ariekammensis* Węglarska, 1965 [*Macrobiotus adelges* Dastych, 1977]  
***Macrobiotus ariekammensis groenlandicus* Stec, Vončina, Kristensen & Michalczyk, 2022**  
*Macrobiotus artipharyngis* Iharos, 1940 {*nomen dubium* according to Stec *et al.* 2021a}  
*Macrobiotus ascensionis* Richters, 1908 {*nomen inquirendum* according to Stec *et al.* 2021a}  
*Macrobiotus azzunae* Ben Marnissi, Cesari, Rebecchi & Bertolani, 2021  
*Macrobiotus basiatus* Nelson, Adkins Fletcher, Guidetti, Roszkowska, Grobys & Kaczmarek, ~~2020~~2021  
***Macrobiotus birendrai* Kayastha, Roszkowska, Mioduchowska, Gawlak & Kaczmarek, 2021**  
*Macrobiotus biserovi* Bertolani, Guidi & Rebecchi, 1996  
*Macrobiotus brevipes* Mihelčič, 1971/72 {*nomen inquirendum* according to Stec *et al.* 2021a}  
*Macrobiotus caelestis* Coughlan, Michalczyk & Stec, 2019  
*Macrobiotus canaricus* Stec, Krzywański & Michalczyk, 2018  
*Macrobiotus carsicus* Maucci, 1954 {*nomen inquirendum* according to Stec *et al.* 2021a}  
*Macrobiotus caymanensis* Meyer, 2011  
*Macrobiotus crenulatus* Richters, 1904 [*Macrobiotus dentatus* Binda, 1974]  
*Macrobiotus crustulus* Stec, Dudziak & Michalczyk, 2020  
*Macrobiotus dariae* Pilato & Bertolani, 2004  
*Macrobiotus deceptor* Meyer, Hinton, Gladney & Klumpp, 2017  
*Macrobiotus denticulus* Dastych, 2002  
*Macrobiotus diversus* Biserov, 1990

*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 gemmatus* Bartoš, 1963 {*nomen inquirendum* according to Stec et al. 2021a}  
*Macrobotus glebkai* Biserov, 1990  
*Macrobotus gretae* (Massa, Guidetti, Cesari, Rebecchi & Jönsson, 2021) <Transferred from *Xerobiotus* by Stec et al. 2022> {see also *Xerobiotus*}  
*Macrobotus halophilus* Fontoura, Rubal & Veiga, 2017  
*Macrobotus hanna*e Nowak & Stec, 2018  
*Macrobotus hibiscus* de Barros, 1942 {*nomen inquirendum* according to Stec et al. 2021a}  
*Macrobotus horningi* Kaczmarek & Michalczyk, 2017  
*Macrobotus hufelandi* C.A.S. Schultze, 1834 [*Macrobotus schultzei* Greeff, 1866 according to Marcus 1928]  
*Macrobotus humilis* Binda & Pilato, 2001  
*Macrobotus hyperboreus* Biserov, 1990  
*Macrobotus iharosi* Pilato, Binda & Catanzaro, 1991  
*Macrobotus insignis* Bartoš, 1963 {*nomen inquirendum* according to Stec et al. 2021a}  
*Macrobotus insularis* Pilato, 2006  
*Macrobotus joannae* Pilato & Binda, 1983  
*Macrobotus julianae* (Meyer, 2012) <Transferred from *Minibiotus* by Stec et al. 2015>  
*Macrobotus kamilae* Coughlan & Stec, 2019  
*Macrobotus kazmierskii* Kaczmarek & Michalczyk, 2009  
*Macrobotus kirghizicus* Tumanov, 2005  
*Macrobotus kolleri* Mihelčič, 1951 {*nomen dubium* according to Dastych 2015; *nomen inquirendum* according to Stec et al. 2021a}  
*Macrobotus komareki* Bartoš, 1939 {*nomen inquirendum* according to Stec et al. 2021a}  
*Macrobotus kristenseni* Guidetti, Peluffo, Rocha, Cesari & Moly de Peluffo, 2013  
*Macrobotus kurasi* Dastych, 1981  
*Macrobotus lissostomus* Durante Pasa & Maucci, 1979  
*Macrobotus longipes* Mihelčič, 1971/72 {*nomen inquirendum* according to Stec et al. 2021a}  
*Macrobotus macrocalix* Bertolani & Rebecchi, 1993  
*Macrobotus maculatus* Iharos, 1973 <Amended and elevated to the species level by Kaczmarek & Michalczyk 2017>  
*Macrobotus madegassus* Maucci, 1993  
*Macrobotus mandalae* Pilato, 1974  
*Macrobotus margoae* Stec, Vecchi & Bartels, 2021 in Stec et al. 2021b  
*Macrobotus marlenae* Kaczmarek & Michalczyk, 2004  
*Macrobotus martini* Bartels, Pilato, Lisi & Nelson, 2009  
*Macrobotus modestus* Pilato & Lisi, 2009  
*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  
*Macrobotus occidentalis striatus* Dastych, 1974  
*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 pallarii* Maucci, 1954 [*Macrobotus aviglianae* Robotti, 1970] {Incorrectly transferred to *Mesobotus* 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 *Xerobotus* by Stec *et al.* 2021a> {see also *Xerobotus*}  
*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 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 sottilei* Pilato, Kiosya, Lisi & Sabella, 2012  
*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) {*species inquirenda* according to Roszkowska *et al.* 2017} <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>  
*Mesobiotus australis* (Pilato & D'Urso, 1976) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>  
*Mesobiotus baltatus* (McInnes, 1991) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>  
*Mesobiotus barabanovi* (Tumanov, 2005) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>  
*Mesobiotus barbarae* (Kaczmarek, Michalczyk & Degma, 2007) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>  
*Mesobiotus binieki* (Kaczmarek, Gołdyn, Prokop & Michalczyk, 2011) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>  
*Mesobiotus blocki* (Dastych, 1984) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>  
*Mesobiotus contii* (Pilato & Lisi, 2006) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>  
*Mesobiotus coronatus* (de Barros, 1942) <Amended by Pilato *et al.* 2000> <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>  
*Mesobiotus creber* (Pilato & Lisi, 2009) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>  
*Mesobiotus datanlanicus* Stec, 2019  
*Mesobiotus diffusus* (Binda & Pilato, 1987) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>  
*Mesobiotus diguensis* (Pilato & Lisi, 2009) <Transferred from *Macrobotus* 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) <Transferred from *Macrobiotus* by Vecchi et al. 2016a> <Redescribed by Kaczmarek et al. 2018> [*Mesobiotus harmsworthi obscurus* (Dastych, 1985) according to Kaczmarek et al. 2018]  
*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 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, ~~2019~~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 marmoreus* Stec, 2021**  
*Mesobiotus maucii* (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 ovostriatus* (Pilato & Patanè, 1998) <Transferred from *Macrobiotus* by Vecchi et al.

2016a>

- Mesobiotus patiens* (Pilato, Binda, Napolitano & Moncada, 2000) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus perfidus* (Pilato & Lisi, 2009) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus peterseni* (Maucci, 1991) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus philippinicus* Mapalo, Stec, Mirano-Bascos & Michalczyk, 2016
- Mesobiotus pilatoi* (Binda & Rebecchi, 1992) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus polaris* (Murray, 1910) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus pseudoblocki* Roszkowska, Stec, Ciobanu & Kaczmarek, 2016
- Mesobiotus pseudocoronatus* (Pilato, Binda & Lisi, 2006) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus pseudoliviae* (Pilato & Binda, 1996) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus pseudonuragicus* (Pilato, Binda & Lisi, 2004) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus pseudopatiens* Kaczmarek & Roszkowska, 2016
- Mesobiotus radiatus* (Pilato, Binda & Catanzaro, 1991) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus reinhardti* (Michalczyk & Kaczmarek, 2003) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus rigidus* (Pilato & Lisi, 2006) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus romani* Roszkowska, Stec, Gawlak & Kaczmarek, 2018
- Mesobiotus siamensis* (Tumanov, 2006) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus sicheli* (Binda, Pilato & Lisi, 2005) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus simulans* (Pilato, Binda, Napolitano & Moncada, 2000) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus skorackii* Kaczmarek, Zawierucha, Buda, Stec, Gawlak, Michalczyk & Roszkowska, 2018
- Mesobiotus snaresensis* (Horning, Schuster & Grigarick, 1978) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus stellaris* (du Bois-Reymond Marcus, 1944) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus szepteyckii* (Kaczmarek & Michalczyk, 2009) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus tehuelchensis* (Rossi, Claps & Ardohain, 2009) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus wuzhishanensis* (Yin, L. Wang & X. Li, 2011) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>
- Mesobiotus zhejiangensis* (Yin, L. Wang & X. Li, 2011) <Transferred from *Macrobotus* by Vecchi *et al.* 2016a>

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

*Minibiotus acontistus* (de Barros, 1942)

*Minibiotus aculeatus* (Murray, 1910) [*Macrobotus intermedius subjulietae* Horning, Schuster &



Grigarick, 1978]

*Minibiotus africanus* Binda & Pilato, 1995

*Minibiotus allani* (Murray, 1913)

*Minibiotus aquatilis* Claxton, 1998

*Minibiotus asteris* Claxton, 1998

***Minibiotus bernhardi* R. Schuster, 2021**

*Minibiotus bisoctus* (Horning, Schuster & Grigarick, 1978)

*Minibiotus citlalium* Dueñas-Cedillo & García-Román, 2020 in Dueñas-Cedillo *et al.* 2020

*Minibiotus claxtonae* Rossi, Claps & Ardohain, 2009

*Minibiotus constellatus* Michalczyk & Kaczmarek, 2003

*Minibiotus continuus* Pilato & Lisi, 2006

*Minibiotus crassidens* (Murray, 1907)

*Minibiotus decrescens* Binda & Pilato, 1995

*Minibiotus diphasconides* (Iharos, 1969)

*Minibiotus diversus* Ciobanu, Roszkowska & Kaczmarek, 2015

*Minibiotus eichhorni* Michalczyk & Kaczmarek, 2004

*Minibiotus ethelae* Claxton, 1998

*Minibiotus fallax* Pilato, Claxton & Binda, 1989

*Minibiotus floriparus* Claxton, 1998

*Minibiotus formosus* Zawierucha, Dziamięcki, Jakubowska, Michalczyk & Kaczmarek, 2014

*Minibiotus furcatus* (Ehrenberg, 1859) [*nec Macrobotus furcatus* Murray, 1906] <Transferred to *Macrobotus* by Bertolani *et al.* 2014; re-transferred back to *Minibiotus* by Stec *et al.* 2021a>

*Minibiotus granatai* (Pardi, 1941)

*Minibiotus gumersindoi* Guil & Guidetti, 2005

*Minibiotus harrylewisi* Meyer & Hinton, 2009

*Minibiotus hispidus* Claxton, 1998

*Minibiotus hufelandioides* (Murray, 1910)

***Minibiotus intermedius* (Plate, 1888) <Redescribed and neotype designated by Kaczmarek *et al.* 2022>**

*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) [*Macrobotus spallanzanii* Maucci, 1973] <Transferred from *Macrobotus* by Stec *et al.* 2021a>

*Minibiotus maculartus* Pilato & Claxton, 1988

*Minibiotus marcusii* (de Barros, 1942)

*Minibiotus milleri* Claxton, 1998

*Minibiotus orthofasciatus* Fontoura, Pilato, Lisi & Morais, 2009

*Minibiotus pentannulatus* Londoño, Daza, Lisi & Quiroga, 2017 <Amended by Stec *et al.* 2020b>

*Minibiotus pilatus* Claxton, 1998

*Minibiotus poricinctus* Claxton, 1998

*Minibiotus pseudofurcatus* (Pilato, 1972) <Transferred from *Macrobotus* 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

<Generic diagnosis amended by Kaczmarek *et al.* 2017>

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

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

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

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

<Transferred from *Macrobiotus* by Guidetti *et al.* 2009> synonymized by Stec *et al.* 2020c]

*Paramacrobiotus beotiae* (Durante Pasa & Maucci, 1979) {*species dubia*; Guidetti *et al.* 2009}

*Paramacrobiotus celsus* Guidetti, Cesari, Bertolani, Altiero & Rebecchi, 2019

*Paramacrobiotus centesimus* (Pilato, 2000) <Transferred from *Macrobiotus* by Guidetti *et al.* 2009>

*Paramacrobiotus chieregoi* (Maucci & Durante Pasa, 1980) <Transferred from *Macrobiotus* by Guidetti *et al.* 2009>

*Paramacrobiotus corgatensis* (Pilato, Binda & Lisi, 2002) <Transferred from *Macrobiotus* by Guidetti *et al.* 2009>

*Paramacrobiotus csotiensis* (Iharos, 1966) <Transferred from *Macrobiotus* by Guidetti *et al.* 2009> <Amended by Kaczmarek *et al.* 2017>

*Paramacrobiotus danielae* (Pilato, Binda, Napolitano & Moncada, 2001) <Transferred from *Macrobiotus* by Guidetti *et al.* 2009>

*Paramacrobiotus danielisae* (Pilato, Binda & Lisi, 2006) <Transferred from *Macrobiotus* by Degma 2013>

*Paramacrobiotus depressus* Guidetti, Cesari, Bertolani, Altiero & Rebecchi, 2019

*Paramacrobiotus derkai* (Degma, Michalczyk & Kaczmarek, 2008) <Transferred from *Macrobiotus* by Guidetti *et al.* 2009>

*Paramacrobiotus experimentalis* Kaczmarek, Mioduchowska, Poprawa & Roszkowska, 2020 in Kaczmarek *et al.* 2020b

*Paramacrobilotus fairbanksi* Schill, Förster, Dandekar & Wolf, 2010 {The species has been diagnosed based on genetic data only and no morphological difference from *Paramacrobilotus richtersi* has been found} <Amended by Guidetti *et al.* 2019a>

*Paramacrobilotus filipi* Dudziak, Stec & Michalczyk 2020 in Stec *et al.* 2020e

*Paramacrobilotus garynahi* (Kaczmarek, Michalczyk & Diduszko, 2005) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>

*Paramacrobilotus gerlachae* (Pilato, Binda & Lisi, 2004) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>

*Paramacrobilotus halei* (Bartels, Pilato, Lisi & Nelson, 2009) <Transferred from *Macrobilotus* by Bartels & Nelson 2012>

*Paramacrobilotus hapukuensis* (Pilato, Binda & Lisi, 2006) <Transferred from *Macrobilotus* by Degma 2013>

*Paramacrobilotus huziori* (Michalczyk & Kaczmarek, 2006) <Transferred from *Macrobilotus* by Guidetti *et al.* 2009>

*Paramacrobilotus intii* Kaczmarek, Cytan, Zawierucha, Diduszko & Michalczyk, 2014

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

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

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

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

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

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

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

*Paramacrobilotus pius* Lisi, Binda & Pilato, 2016

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

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

*Paramacrobilotus rioplatensis* (Claps & Rossi, 1997) {doubly attributed to the genus; Guidetti *et al.* 2009}

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

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

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

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

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

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

***Paramacrobilotus metropolitanus* Sugiura, Matsumoto & Kunieda, 2022**

*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 analysis, 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* [in 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

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

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

*Sisubiotus wuyishanensis* (P. Zhang & X.-Z. Sun, 2014) {*species inquirenda* according to Stec *et al.* 2021a } <Transferred from *Macrobotus* by 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 higginsi* (Maucci, 1987) <Transferred from *Macrobotus* by Pilato & Lisi 2011>

*Tenuibiotus hyperonyx* (Maucci, 1983) <Transferred from *Macrobotus* by Pilato & Lisi 2011> {see *Diaforobiotus*}

*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 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 the species to *Macrobiotus* by Stec *et al.* 2021a, 2022, but considered valid by Massa *et al.* 2021; for this reason the species are reported for both genera}

*Xerobiotus euxinus* Pilato, Kiosya, Lisi, Inshina & Biserov, 2011 {see also *Macrobiotus*}

*Xerobiotus gretae* Massa, Guidetti, Cesari, Rebecchi & Jönsson, 2021 {see also *Macrobiotus*}

***Xerobiotus pseudohufelandi*** (Iharos, 1966) [*Macrobiotus inermis* Binda & Pilato, 1971] {see also *Macrobiotus*}

*Xerobiotus xerophilus* (Dastyh, 1978) {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

*Murrayon dianae* (Kristensen, 1982)

*Murrayon hastatus* (Murray, 1907)

*Murrayon hibernicus* (Murray, 1911)

*Murrayon hyperoncus* Meyer, Domingue & Hinton, 2014

*Murrayon nocentinae* (Ramazzotti, 1961)

*Murrayon ovoglabellus* (Biserov, 1988)

*Murrayon pullari* (Murray, 1907)  
*Murrayon stellatus* Guidetti, 1998

Family: Richtersiidae Guidetti, Schill, Giovannini, Massa, Goldoni, Ebel, Förschler, Rebecchi & Cesari, 2021  
[Richtersiidae Guidetti, Rebecchi, Bertolani, Jönsson, Kristensen & Cesari, 2016]

*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>  
*Diaforobiotus islandicus nicaraguensis* (Séméria, 1985) <Transferred from *Macrobiotus* by Guidetti *et al.* 2016>

*Richtersius* Pilato & Binda, 1989 <Transferred from *Macrobiotidae* by Guidetti *et al.* 2016>  
[*Richtersia* Pilato & Binda, 1987]

*Richtersius coronifer* (Richters, 1903) <Amended by Stec *et al.* 2020a; neotype designated by Stec & Michalczyk 2020>

*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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