

# Actual checklist of Tardigrada species (Ver. 10: 15-12-2009)

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## Introduction

More than one thousand Tardigrada species were included in the recently 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. This checklist is free for all users, but utilization of it requires the citation of the two original papers. This paper is the platform for occasional upgrades (date of latest upgrade is in the title). All changes, additions and corrections in comparison with both papers are written in red font. If you also use these changes, please also cite this checklist (web-page instead of journal). Please write us if you find any mistake or missing data in this checklist. Your help in its improvement will be acknowledged.

## Acknowledgements

We are very grateful to Professor Clark Beasley (McMurry University, Abilene, U.S.A.) for his suggestions as well as for help with improving the English in the last version of the manuscript. We also thank to Nigel Marley (University of Plymouth, U.K.) for his valuable comment to this checklist.

This study was partly supported by the Slovak Scientific Grant Agency (VEGA) (grant No. 1/3265/06 and 1/0294/09 to PD), by University of Modena and Reggio Emilia (50% FAR) and by Fondazione Cassa di Risparmio di Modena (MoDNA project: Morphology and DNA) to RB and RG.

## Checklist of Tardigrada

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

## TARDIGRADA

HETEROTARDIGRADA Marcus, 1927

ARTHROTARDIGRADA Marcus, 1927

Batillipedidae Ramazzotti, 1962  
[Discopodidae Marcus, 1934]

*Batillipes* Richters, 1909

- Batillipes acaudatus* Pollock, 1971  
*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 annulatus* de Zio, 1962  
*Batillipes bullacaudatus* McGinty & Higgins, 1968  
*Batillipes carnionensis* Fize, 1957  
*Batillipes crassipes* Tchesunov & Mokievsky, 1995  
*Batillipes dicrocercus* Pollock, 1970  
*Batillipes friaufi* Riggan, 1962  
*Batillipes gilmartini* McGinty, 1969  
*Batillipes lesteri* Kristensen & Mackness, 2000  
*Batillipes littoralis littoralis* Renaud-Debyser, 1959  
*Batillipes littoralis submersus* d'Hondt, 1970  
*Batillipes longispinosus* Chang & Rho, 1997  
*Batillipes marcelli* Morone De Lucia, D'Addabbo Gallo & Grimaldi de Zio, 1988  
***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 roscoffensis* Kristensen, 1978  
*Batillipes rotundiculus* Rho, Min & Chang, 1999  
*Batillipes similis* Schulz, 1955  
*Batillipes spinicauda* Gallo D'Addabbo, Sandulli & de Zio Grimaldi, 2005  
*Batillipes tridentatus* Pollock, 1989  
*Batillipes tubernatis* Pollock, 1971

Coronarctidae Renaud-Mornant, 1974

*Coronarctus* Renaud-Mornant, 1974

- Coronarctus disparilis* Renaud-Mornant, 1987  
*Coronarctus fastigatus* Renaud-Mornant, 1987  
*Coronarctus laubieri* Renaud-Mornant, 1987  
*Coronarctus stylisetus* Renaud-Mornant, 1987  
***Coronarctus tenellus*** Renaud-Mornant, 1974  
*Coronarctus verrucatus* Hansen, 2007

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

Halechiniscidae Thulin, 1928

Archechiniscinae Grimaldi de Zio & D'Addabbo Gallo, 1987  
[Archechiniscidae Binda, 1978]

*Archechiniscus* Schulz, 1953  
***Archechiniscus marci*** Schulz, 1953  
*Archechiniscus minutus* Grimaldi de Zio & D'Addabbo Gallo, 1987  
*Archechiniscus symbalanus* Chang & Rho, 1998

Dipodarctinae Pollock, 1995

*Dipodarctus* Pollock, 1995  
*Dipodarctus anaholiensis* Pollock, 1995  
***Dipodarctus borrhori*** Pollock, 1995 [*Hemitanarctus chimaera* de Zio Grimaldi, D'Addabbo Gallo, Morone De Lucia & Troccoli, 1995/96]  
*Dipodarctus subterraneus* (Renaud-Debyser, 1959)

Euclavarctinae Renaud-Mornant, 1983

*Clavarctus* Renaud-Mornant, 1983  
***Clavarctus falculus*** Renaud-Mornant, 1983

*Euclavarctus* Renaud-Mornant, 1975  
*Euclavarctus convergens* Renaud-Mornant, 1983  
***Euclavarctus thieli*** Renaud-Mornant, 1975

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

*Moebjergarctus* Bussau, 1992  
***Moebjergarctus manganis*** Bussau, 1992

*Parmursa* Renaud-Mornant, 1984  
***Parmursa fimbriata*** Renaud-Mornant, 1984  
*Parmursa torquata* Hansen, 2007

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

Florarctinae Renaud-Mornant, 1982

*Florarctus* Delamare Debutteville & Renaud-Mornant, 1965  
*Florarctus acer* Renaud-Mornant, 1989

*Florarctus antillensis* Van der Land, 1968  
*Florarctus asper* Renaud-Mornant, 1989  
*Florarctus cervinus* Renaud-Mornant, 1987  
*Florarctus cinctus* Renaud-Mornant, 1976  
*Florarctus glareolus* Noda, 1987  
***Florarctus heimi*** Delamare Deboutteville & Renaud-Mornant, 1965  
*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

*Ligiarctus* Renaud-Mornant, 1982

***Ligiarctus eastwardi*** Renaud-Mornant, 1982

*Wingstrandarctus* Kristensen, 1984

***Wingstrandarctus corallinus*** Kristensen, 1984

*Wingstrandarctus crypticus* Renaud-Mornant, 1989

*Wingstrandarctus intermedius* (Renaud-Mornant, 1967)

Halechiniscinae (Thulin, 1928)

*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 greveni* Renaud-Mornant & Deroux, 1976

***Halechiniscus guiteli*** 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, 1985

*Halechiniscus tuleari* Renaud-Mornant, 1979

*Paradoxipus* Kristensen & Higgins, 1989

***Paradoxipus orzeliscoides*** Kristensen & Higgins, 1989

Orzeliscinae (Schulz, 1963)

*Orzeliscus* du Bois-Reymond Marcus, 1952

***Orzeliscus belopus*** du Bois-Reymond Marcus, 1952

*Orzeliscus septentrionalis* Schulz, 1953

*Opydorscus* Renaud-Mornant, 1989

***Opydorscus fonsecae*** Renaud-Mornant, 1989

Styraconyxinae Kristensen & Renaud-Mornant, 1983

*Angursa* Pollock, 1979

*Angursa antarctica* Villora-Moreno, 1998

***Angursa bicuspis bicuspis*** Pollock, 1979

*Angursa bicuspis clavifera* Noda, 1985

*Angursa bicuspis abyssalis* Renaud-Mornant, 1981

*Angursa capsula* Bussau, 1992

*Angursa lanceolata* Renaud-Mornant, 1981

*Angursa lingua* Bussau, 1992

*Bathyechiniscus* Steiner, 1926

***Bathyechiniscus tetronyx*** Steiner, 1926

*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

*Raiarctus aureolatus* Renaud-Mornant, 1981

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

*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 sardiniae* D'Addabbo Gallo, Morone De Lucia & Grimaldi de Zio, 1989  
*Styraconyx sargassi* Thulin, 1942  
*Styraconyx testudo* D'Addabbo Gallo, Grimaldi de Zio & Morone De Lucia, 1984  
*Styraconyx tyrrhenus* D'Addabbo Gallo, Morone De Lucia & Grimaldi de Zio, 1989

*Tetrakentron* Cuénot, 1892

***Tetrakentron synaptae*** Cuénot, 1892

*Tholoarctus* Kristensen & Renaud-Mornant, 1983

***Tholoarctus natans natans*** Kristensen & Renaud-Mornant, 1983

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

Tanarctinae Renaud-Mornant, 1980

*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 bubulubus* Jørgensen & Kristensen, 2001

*Tanarctus dendriticus* Renaud-Mornant, 1980

*Tanarctus gracilis* Renaud-Mornant, 1980

*Tanarctus helleouetae* Renaud-Mornant, 1984

*Tanarctus heterodactylus* Renaud-Mornant, 1980

*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

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

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

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

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

*Neostygarctus* Grimaldi de Zio, D'Addabbo Gallo & Morone De Lucia, 1982

*Neostygarctus acanthophorus* Grimaldi de Zio, D'Addabbo Gallo & Morone De Lucia, 1982

Renaudarctidae Kristensen & Higgins, 1984

*Renaudarctus* Kristensen & Higgins, 1984

*Renaudarctus psammocryptus* Kristensen & Higgins, 1984

Stygarctidae Schulz, 1951

Megastygarctidinae Bello & de Zio Grimaldi, 1998

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

*Megastygarctides christinae* Hansen & Kristensen, 2006

*Megastygarctides gerdae* Hansen & Kristensen, 2006

*Megastygarctides isounguis* Renaud-Mornant, 1981

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

*Megastygarctides setoloso* Morgan & O'Reilly, 1988

Stygarctinae Schulz, 1951

*Parastygarctus* Renaud-Debyser, 1965

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

*Parastygarctus higginsii* Renaud-Debyser, 1965

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

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

*Parastygarctus sterreri* Renaud-Mornant, 1970

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

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

*Pseudostygarctus intermedius* (Renaud-Mornant, 1979)

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

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

*Pseudostygarctus triungulatus* McKirdy, Schmidt & McGinty-Bayly, 1976

*Stygarctus* Schulz, 1951

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

*Stygarctus bradypus* Schulz, 1951

*Stygarctus gorbaultae* Renaud-Mornant, 1981

*Stygarctus granulatus* Pollock, 1970

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

*Stygarctus spinifer* Hiruta, 1985

ECHINISCOIDEA Richters, 1926

Echiniscoididae Kristensen & Hallas, 1980

*Anisonyches* Pollock, 1975

*Anisonyches deliquus* Chang & Rho, 1998

***Anisonyches diakidius*** Pollock, 1975

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

*Echiniscoides* Plate, 1888

*Echiniscoides andamanensis* Chang & Rho, 1998

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

*Echiniscoides higginsi* Hallas & Kristensen, 1982

*Echiniscoides hoepneri* Kristensen & Hallas, 1980

*Echiniscoides horningi* Miller & Kristensen, 1999

*Echiniscoides pollocki* Hallas & Kristensen, 1982

***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

Carphaniidae Binda & Kristensen, 1986

*Carphania* Binda, 1978

***Carphania fluviatilis*** Binda, 1978

Oreellidae Puglia, 1959

*Oreella* Murray, 1910

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

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

Echiniscidae Thulin, 1928

*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)

*Bryochoerus* Marcus, 1936

***Bryochoerus intermedius intermedius*** (Murray, 1910)

*Bryochoerus intermedius hawaiiicus* (Thulin, 1928)

*Bryochoerus intermedius laevis* (Marcus, 1936)

*Bryodelphax* Thulin, 1928

*Bryodelphax alzirae* (du Bois-Reymond Marcus, 1944)

*Bryodelphax amphoterus* (Durante Pasa & Maucci, 1975)

*Bryodelphax asiaticus* Kaczmarek & Michalczyk, 2004

***Bryodelphax atlantis*** Fontoura, Pilato & Lisi, 2008

*Bryodelphax brevidentatus* Kaczmarek, Michalczyk & Degma, 2005

*Bryodelphax crossotus* Grigarick, Schuster & Nelson, 1983

*Bryodelphax dominicanus* (Schuster & Toftner, 1982)

*Bryodelphax iohannis* Bertolani, Guidi & Rebecchi, 1996

*Bryodelphax lijiangensis* Yang, 2002

*Bryodelphax mateusi* (Fontoura, 1982)

*Bryodelphax ortholineatus* (Bartoš, 1963)

***Bryodelphax parvulus*** Thulin, 1928

*Bryodelphax sinensis* (Pilato, 1974)

*Bryodelphax tatrensis* (Węglarska, 1959)

*Bryodelphax weglarskae* (Pilato, 1972)

*Cornechiniscus* Maucci & Ramazzotti, 1981

*Cornechiniscus brachycornutus* Maucci, 1987

*Cornechiniscus ceratophorus* (Maucci, 1973)

***Cornechiniscus cornutus*** (Richters, 1906) [*Pseudechiniscus intermedius* Mihelčič, 1970]

*Cornechiniscus holmeni* (Petersen, 1951)

*Cornechiniscus lobatus* (Ramazzotti, 1943) [*Pseudechiniscus cornutus* Mihelčič, 1966]

*Cornechiniscus madagascariensis* Maucci, 1993

*Cornechiniscus schrammi* (Dastyk, 1979)

*Cornechiniscus subcornutus* Maucci & Ramazzotti, 1981

*Cornechiniscus tibetanus* (Maucci, 1979)

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

*Echiniscus africanus* Murray, 1907

*Echiniscus aliquantillus* Grigarick, Schuster & Nelson, 1983

*Echiniscus angolensis* da Cunha & do Nascimento Ribeiro, 1964

*Echiniscus apuanus* M. Bertolani, 1946

*Echiniscus arcangelii* Maucci, 1973-74

*Echiniscus arctomys* Ehrenberg, 1853

*Echiniscus arthuri* Pilato, Binda & Lisi, 2005

***Echiniscus azoricus*** Fontoura, Pilato & Lisi, 2008

*Echiniscus baius* Marcus, 1928

*Echiniscus baloghi* Iharos, 1973

*Echiniscus barbarae* Kaczmarek & Michalczyk, 2002

*Echiniscus batramiae* Iharos, 1936

*Echiniscus becki* Schuster & Grigarick, 1966  
*Echiniscus bigranulatus* Richters, 1907  
*Echiniscus bisculptus* Maucci, 1983  
*Echiniscus blumi blumi* Richters, 1903 [*Echiniscus ramazzottii* Binda & Pilato, 1969]  
*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 capillatus* Ramazzotti, 1956  
*Echiniscus carsicus* Mihelčič, 1966  
*Echiniscus carusoi* Pilato, 1972  
*Echiniscus cavagnaroi* Schuster & Grigarick, 1966  
*Echiniscus cervicornis* Murray, 1906  
*Echiniscus charrua* Claps & Rossi, 1997  
*Echiniscus cheonyoungi* Moon & Kim, 1994  
*Echiniscus cirinoi* Binda & Pilato, 1993  
*Echiniscus clevelandi* Beasley, 1999  
*Echiniscus columinis* Murray, 1911  
*Echiniscus corrugicaudatus* McInnes, 2009  
*Echiniscus crassispinosus crassispinosus* Murray, 1907  
*Echiniscus crassispinosus fasciatus* Marcus, 1928  
*Echiniscus curiosus* Claxton, 1996  
*Echiniscus darienae* Miller, Horning & Dastych, 1995  
*Echiniscus dearmatus* Bartoš, 1935 [*Echiniscus szabo* Iharos, 1973]  
*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 elegans* Richters, 1906  
*Echiniscus evelinae* de Barros, 1942  
*Echiniscus filamentosus* Plate, 1888  
*Echiniscus ganczareki* Michalczyk & Kaczmarek, 2007  
*Echiniscus glaber* Bartoš, 1937  
*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 horningi* Schuster & Grigarick, 1971  
*Echiniscus inocelatus* Mihelčič, 1938 [*Echiniscus inocellatus* Mihelčič, 1964]  
*Echiniscus insuetus* Mihelčič, 1967

*Echiniscus jagodici* Mihelčič, 1951  
*Echiniscus jamesi* Claxton, 1996  
*Echiniscus japonicus* Morikawa, 1951  
*Echiniscus jenningsi* Dastych, 1984  
*Echiniscus kerguelensis* Richters, 1904  
*Echiniscus knowltoni* Schuster & Grigarick, 1971  
*Echiniscus kofordi* Schuster & Grigarick, 1966  
*Echiniscus lapponicus* Thulin, 1911  
*Echiniscus laterosetosus* Ito, 1993  
*Echiniscus laterospinosus* Rudescu, 1964  
*Echiniscus latifasciatus* Dudichev & Biserov, 2000  
*Echiniscus lichenorum* Maucci, 1983  
*Echiniscus limai* da Cunha & do Nascimento Ribeiro, 1964  
*Echiniscus lineatus* Pilato, Fontoura, Lisi & Beasley, 2008  
*Echiniscus longispinosus* Murray, 1907  
*Echiniscus loxophthalmus* Richters, 1911  
*Echiniscus madonnae* Michalczyk & Kaczmarek, 2006  
*Echiniscus maesi* Séméria, 1985  
*Echiniscus malpighii* Biserov, 1994  
*Echiniscus manuelae* da Cunha & do Nascimento Ribeiro, 1962  
*Echiniscus marculsi* Pilato, Claxton & Binda, 1989  
*Echiniscus marginatus* Binda & Pilato, 1994  
*Echiniscus marginoporus* Grigarick, Schuster & Nelson, 1983  
*Echiniscus markezi* Mihelčič, 1971/72  
*Echiniscus marleyi* X. Li, 2007  
*Echiniscus mauccii* Ramazzotti, 1956  
*Echiniscus mediantus* Marcus, 1930  
*Echiniscus merokensis merokensis* Richters, 1904 [*Echiniscus iharosi* Rudescu, 1964]  
*Echiniscus merokensis suecicus* Thulin, 1911  
*Echiniscus migiurtinus* Franceschi, 1957  
*Echiniscus mihelcici* Iharos, 1973  
*Echiniscus militaris* Murray, 1911  
*Echiniscus molluscorum* Fox & Garcia-Moll, 1962  
*Echiniscus moniliatus* Iharos, 1967  
*Echiniscus montanus* Iharos, 1982  
*Echiniscus mosaicus* Grigarick, Schuster & Nelson, 1983  
*Echiniscus multispinosus* da Cunha, 1944  
*Echiniscus murrayi* Iharos, 1969  
*Echiniscus nelsonae* X. Li, L. Wang & Yu, 2007  
*Echiniscus nepalensis* Dastych, 1975  
*Echiniscus nigripustulus* Horning, Schuster & Grigarick, 1978  
*Echiniscus nobilis* Mihelčič, 1967  
*Echiniscus oihonnae* Richters, 1903  
*Echiniscus ollantaytamboensis* Nickel, Miller & Marley, 2001  
*Echiniscus osellai* Maucci, 1975  
*Echiniscus pajstunensis* Bartoš, 1941  
*Echiniscus palmai* Dastych, 1997

*Echiniscus perarmatus* Murray, 1907  
*Echiniscus peruvianus* Binda & Pilato, 1994  
*Echiniscus perviridis* Ramazzotti, 1959  
*Echiniscus phocae* du Bois-Reymond Marcus, 1944  
*Echiniscus polygonalis* Ito, 1993  
*Echiniscus pooensis* Rodriguez-Roda, 1948  
*Echiniscus porabrus* Horning, Schuster & Grigarick, 1978  
*Echiniscus postojnensis* Mihelčič, 1967 [*Echiniscus loxophthalmus* Mihelčič, 1939]  
*Echiniscus pseudelegans* Séméria, 1994  
*Echiniscus pseudowendti* Dastych, 1984  
*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  
*Echiniscus rackae* Dastych, 1986  
*Echiniscus ranzii* Ramazzotti, 1964  
*Echiniscus reticulatus* Murray, 1905  
*Echiniscus reymondi* Marcus, 1928  
*Echiniscus robertsi* Schuster & Grigarick, 1965  
*Echiniscus rodnae* Claxton, 1996  
*Echiniscus rufoviridis* du Bois-Reymond Marcus, 1944  
*Echiniscus rugospinosus* Marcus, 1928  
*Echiniscus scabrospinosus* 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 simba* Marcus, 1928  
*Echiniscus speciosus* Mihelčič, 1967 [*Echiniscus roseus* Mihelčič, 1967]  
*Echiniscus spiculifer* Schaudinn, 1901  
*Echiniscus spiniger* Richters, 1904  
*Echiniscus spinulosus* (Doyère, 1840)  
*Echiniscus storkani* Bartoš, 1940  
*Echiniscus sylvanus* Murray, 1910  
*Echiniscus taibaiensis* L. Wang & X. Li, 2005  
*Echiniscus tamus* Mehlen, 1969 <Amended by Miller & Mehlen 2007>  
*Echiniscus tardus* Mihelčič, 1951  
*Echiniscus tenuis* Marcus, 1928  
*Echiniscus tessellatus* Murray, 1910  
***Echiniscus testudo*** (Doyère, 1840) [*Echiniscus bellermanni* C.A.S. Schultze, 1840; *Echiniscus inermis* Richters, 1902; *Echiniscus trifilis* Rahm, 1921; *Echiniscus filamentosus mongoliensis* Iharos, 1973]  
*Echiniscus trisetosus* Cuénot, 1932  
*Echiniscus trojanus* Maucci, 1973  
*Echiniscus tropicalis* Binda & Pilato, 1995

*Echiniscus tympanista* Murray, 1911  
*Echiniscus velaminis* Murray, 1910  
*Echiniscus vinculus* Horning, Schuster & Grigarick, 1978  
*Echiniscus virginicus* Riggin, 1962  
*Echiniscus viridianus* Pilato, Fontoura & Lisi, 2007  
*Echiniscus viridis* Murray, 1910 <Amended by Pilato *et al.* 2008a>  
*Echiniscus viridissimus* Péterfi, 1956  
*Echiniscus walteri* Pilato & Lisi, 2003  
*Echiniscus weisseri* Maucci, 1978  
*Echiniscus wendti* Richters, 1903  
*Echiniscus zetotrymus* Horning, Schuster & Grigarick, 1978

*Hypechiniscus* Thulin, 1928

*Hypechiniscus exarmatus* (Murray, 1907) [*Oreella breviclava* Grigarick, Schuster & Nelson, 1983]

***Hypechiniscus gladiator gladiator*** (Murray, 1905) [*Parechiniscus unispinosus* da Cunha, 1947]

*Hypechiniscus gladiator bigladii* (Iharos, 1973)

*Hypechiniscus gladiator fissigladii* (Iharos, 1973)

*Hypechiniscus gladiator spinulosa* (Iharos, 1973)

*Hypechiniscus papillifer* Robotti, 1972

*Mopsechiniscus* du Bois-Reymond Marcus, 1944

*Mopsechiniscus frenoti* Dastych, 1999

*Mopsechiniscus granulatus* Mihelčič, 1967

***Mopsechiniscus imberbis*** (Richters, 1907)

*Mopsechiniscus schusteri* Dastych, 1999

*Mopsechiniscus tasmanicus* Dastych & Moscal, 1992

*Novechiniscus* Kristensen, 1987

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

*Parechiniscus* Cuénot, 1926

***Parechiniscus chitonides*** Cuénot, 1926

*Parechiniscus unispinosus* da Cunha, 1947

*Proechiniscus* Kristensen, 1987

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

*Pseudechiniscus* Thulin, 1911

*Pseudechiniscus alberti* Dastych, 1987

*Pseudechiniscus asper* Abe, Utsugi & Takeda, 1998

*Pseudechiniscus bartkei* Węglarska, 1962

*Pseudechiniscus beasleyi* X. Li, L. Wang & Yu, 2007

*Pseudechiniscus bidenticulatus* Bartoš, 1963

*Pseudechiniscus bispinosus* (Murray, 1907)

*Pseudechiniscus brevimontanus* Kendall-Fite & Nelson, 1996

*Pseudechiniscus clavatus* Mihelčič, 1955

*Pseudechiniscus conifer* (Richters, 1904)  
*Pseudechiniscus dicrani* Mihelčič, 1938  
*Pseudechiniscus distinctus* Mihelčič, 1951  
*Pseudechiniscus facettalis* Petersen, 1951 [*Pseudechiniscus pseudoconifer facettalis* Maucci, 1954]  
*Pseudechiniscus goedeni* Grigarick, Mihelčič & Schuster, 1964  
*Pseudechiniscus gullii* Pilato & Lisi, 2006  
*Pseudechiniscus insolitus* Maucci, 1991  
*Pseudechiniscus islandicus* (Richters, 1904)  
*Pseudechiniscus jiroveci* Bartoš, 1963  
*Pseudechiniscus juanita* de Barros, 1939 [*Pseudechiniscus suillus franciscae* de Barros, 1942]  
*Pseudechiniscus jubatus* Biserov, 1990  
*Pseudechiniscus megacephalus* Mihelčič, 1951  
*Pseudechiniscus nataliae* Biserov & Maucci, 1986  
*Pseudechiniscus novaezeelandiae novaezeelandiae* (Richters, 1908)  
*Pseudechiniscus novaezeelandiae aspinosa* Iharos, 1963  
*Pseudechiniscus novaezeelandiae laterospinosa* Iharos, 1963  
*Pseudechiniscus novaezeelandiae marinae* Bartoš, 1934  
*Pseudechiniscus occultus* Dastych, 1980  
*Pseudechiniscus papillosus* X. Li, L. Wang, Liu & Su, 2005  
*Pseudechiniscus pilato* X. Li, 2007  
*Pseudechiniscus pseudoconifer* Ramazzotti, 1943  
*Pseudechiniscus pulcher* (Murray, 1910)  
*Pseudechiniscus quadrilobatus* Iharos, 1969  
*Pseudechiniscus ramazzottii ramazzottii* Maucci, 1952  
*Pseudechiniscus ramazzottii facettalis* Iharos, 1964 [*Pseudechiniscus ramazzottii lineatus* Maucci, 1973-74]  
*Pseudechiniscus raneyi* Grigarick, Mihelčič & Schuster, 1964  
*Pseudechiniscus scortecchii* Franceschi, 1952  
*Pseudechiniscus shilinensis* Yang, 2002  
*Pseudechiniscus sinensis* Rahm, 1937  
*Pseudechiniscus spinerectus* Pilato, Binda, Napolitano & Moncada, 2001  
***Pseudechiniscus suillus*** (Ehrenberg, 1853) [*Echiniscus mutabilis* Murray, 1905]  
*Pseudechiniscus transsylvanicus* Iharos, 1936  
*Pseudechiniscus victor* (Ehrenberg, 1853) [*Pseudechiniscus tridentifer* Bartoš, 1935 ]  
*Pseudechiniscus yunnanensis* L. Wang, 2009

*Testechiniscus* Kristensen, 1987  
*Testechiniscus laterculus* (Schuster, Grigarick & Toftner, 1980)  
*Testechiniscus macronyx* (Richters, 1907)  
*Testechiniscus meridionalis* (Murray, 1906)  
***Testechiniscus 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]

MESOTARDIGRADA Rahm, 1937

THERMOZODIA Ramazzotti & Maucci, 1983

Thermozodiidae Rahm, 1937

*Thermozodium* Rahm, 1937

***Thermozodium esakii*** Rahm, 1937

EUTARDIGRADA Richters 1926

APOCHELA Schuster, Nelson, Grigarick & Christenberry, 1980

Milnesiidae Ramazzotti, 1962

*Limmenius* Horning, Schuster & Grigarick, 1978

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

*Milnesioides* Claxton, 1999

***Milnesioides exsertum*** Claxton, 1999

*Milnesium* Doyère, 1840

***Milnesium alabamae*** Wallendorf & Miller, 2009

*Milnesium almatyense* Tumanov, 2006

*Milnesium antarcticum* Tumanov, 2006

*Milnesium asiaticum* Tumanov, 2006

*Milnesium brachyungue* Binda & Pilato, 1990

*Milnesium dujianensis* Yang, 2003

*Milnesium eurystomum* Maucci, 1991

*Milnesium katarzynae* Kaczmarek, Michalczyk & Beasley, 2004

***Milnesium krzysztofi*** Kaczmarek & Michalczyk, 2007

*Milnesium longiungue* Tumanov, 2006

*Milnesium reductum* Tumanov, 2006

*Milnesium reticulatum* Pilato, Binda & Lisi, 2002

*Milnesium swolenskyi* Bertolani & Grimaldi, 2000 {fossil species}

***Milnesium tardigradum tardigradum*** Doyère, 1840

*Milnesium tardigradum granulatum* Ramazzotti, 1962

*Milnesium tardigradum trispinosa* Rahm, 1931

*Milnesium tetralamellatum* Pilato & Binda, 1991

PARACHELA Schuster, Nelson Grigarick & Christenberry, 1980

Beornidae Cooper, 1964

*Beorn leggi* Cooper, 1964 {fossil species}

Eohypsibiidae Bertolani & Kristensen, 1987

[Amphibolidae R. Bertolani, 1981]

*Bertolanus* Özdikmen, 2008  
[*Amphibolus* R. Bertolani, 1981 in Özdikmen 2008]  
*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  
*Eohypsibius nadjae* Kristensen, 1982  
*Eohypsibius terrestris* Ito, 1988

Calohypsibiidae Pilato, 1969

*Calohypsibius* Thulin, 1928  
*Calohypsibius ornatus* (Richters, 1900) [*Hypsibius* (*Calohypsibius*) *armatus* Bartoš, 1938;  
*Hypsibius* (*Calohypsibius*) *intermedius* Mihelčič, 1939]  
*Calohypsibius maliki* Michalczyk & Kaczmarek, 2005  
*Calohypsibius placophorus* (da Cunha, 1943)  
*Calohypsibius schusteri* Nelson & McGlothlin, 1996  
*Calohypsibius verrucosus* (Richters, 1900) [*Calohypsibius scabrosus* Thulin, 1928]

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

*Haplomacrobotus* May, 1948  
*Haplomacrobotus hermosillensis* May, 1948  
*Haplomacrobotus utahensis* Pilato & Beasley, 2005

*Hexapodibius* Pilato, 1969  
*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  
*Parhexapodibius bactrianus* Biserov, 1999  
*Parhexapodibius castrii* (Ramazzotti, 1964)  
*Parhexapodibius lagrecai* (Binda & Pilato, 1969)  
*Parhexapodibius pilatoi* (Bernard, 1977)  
*Parhexapodibius ramazzottii* Manicardi & Bertolani, 1987

Hypsibiidae Pilato, 1969

Hypsibiinae Pilato, 1969

*Acutuncus* Pilato & Binda, 1997

*Acutuncus antarcticus* (Richters, 1904) [*Hypsibius simoizumii* Sudzuki, 1964]

*Borealibius* Pilato, Guidetti, Rebecchi, Lisi, Hansen & Bertolani, 2006

*Borealibius zetlandicus* (Murray, 1907)

*Doryphoribius* Pilato, 1969

*Doryphoribius bertolanii* Beasley & Pilato, 1987

***Doryphoribius doryphorus*** (Binda & Pilato, 1969)

*Doryphoribius dupliglobulatus* Ito, 1995

*Doryphoribius evelinae* (Marcus, 1928)

*Doryphoribius flavus* (Iharos, 1966) [*Doryphoribius citrinus* (Maucci, 1973)]

*Doryphoribius gibber* Beasley & Pilato, 1987

*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 & Dastyk, 1980

*Doryphoribius maranguensis* Binda & Pilato, 1995

*Doryphoribius mariae* Pilato & Binda, 1990

*Doryphoribius mexicanus* Beasley, Kaczmarek & Michalczyk, 2008

*Doryphoribius minimus* Bartels, Nelson, Kaczmarek & Michalczyk, 2008

*Doryphoribius neglectus* Pilato & Lisi, 2004

*Doryphoribius picoensis* Fontoura, Pilato & Lisi, 2008

*Doryphoribius pilatoi* R. Bertolani, 1984

*Doryphoribius polynettae* Biserov, 1988

*Doryphoribius qinlingense* X. Li, Su & Yu, 2004

*Doryphoribius quadrituberculatus* Kaczmarek & Michalczyk, 2004

*Doryphoribius smokiensis* Bartels, Nelson, Kaczmarek & Michalczyk, 2007

*Doryphoribius taiwanus* X. Li & H. Li, 2008

*Doryphoribius tergumrudis* Bartels, Nelson, Kaczmarek & Michalczyk, 2008

*Doryphoribius turkmenicus* Biserov, 1999

*Doryphoribius vietnamensis* (Iharos, 1969)

*Doryphoribius zappalai* Pilato, 1971

*Doryphoribius zyxiglobus* (Horning, Schuster & Grigarick, 1978)

*Eremobiotus* Biserov, 1992

*Eremobiotus alicatai* (Binda, 1969)

***Eremobiotus ovezovae*** Biserov, 1992

*Halobiotus* Kristensen, 1982

*Halobiotus arcturulus* Crisp & Kristensen, 1983

***Halobiotus crispae*** Kristensen, 1982

*Halobiotus stenostomus* (Richters, 1908) [*Macrobiotus appelloefi* Richters, 1908; *Hypsibius*

(*Isohypsibius*) *geddesi* Hallas, 1971]

- Hypsibius* Ehrenberg, 1848
- Hypsibius allisoni* Horning, Schuster & Grigarick, 1978
- Hypsibius antonovae* (Biserov, 1990)
- Hypsibius arcticus* (Murray, 1907) [*Macrobiotus heinisi* Richters, 1907]
- Hypsibius biscuitiformis* Bartoš, 1960
- Hypsibius calcaratus* Bartoš, 1935
- Hypsibius camelopardalis* Ramazzotti & Maucci, 1983
- Hypsibius choucoutiensis* Rahm, 1937
- Hypsibius conifer* Mihelčič, 1938
- Hypsibius convergens* (Urbanowicz, 1925)
- Hypsibius dujardini*** (Doyère, 1840) [*Macrobiotus palustris* Dujardin, 1851; *Macrobiotus lacustris* Dujardin, 1851; *Macrobiotus tetradactylus* Lance, 1896; *Macrobiotus murrayi* Richters, 1907; *Macrobiotus samoanus* Richters, 1908; *Macrobiotus breckneri* Richters, 1910; *Macrobiotus ursellus* Della Valle, 1915; *Hypsibius murrayi* Marcus, 1929]
- Hypsibius fuhrmanni* (Heinis, 1914)
- Hypsibius giusepperamazotti* Sudzuki, 1975
- Hypsibius heardensis* Miller, McInnes & Bergstrom, 2005
- Hypsibius hypostomus* Bartoš, 1935
- Hypsibius iskandarovi* Tumanov, 1997
- Hypsibius janetscheki* Ramazzotti, 1968
- Hypsibius klebelsbergi* Mihelčič, 1959
- 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 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 roanensis* Nelson & McGlothlin, 1993
- Hypsibius runae* Bartoš, 1941
- Hypsibius scaber* Maucci, 1987
- 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 thaleri* Dastyk, 2004

*Isohypsibius* Thulin, 1928

- Isohypsibius altai* Kaczmarek & Michalczyk, 2006  
*Isohypsibius annulatus annulatus* (Murray, 1905)  
*Isohypsibius annulatus minor* (Ramazzotti, 1945)  
*Isohypsibius arbiter* Binda, 1980  
*Isohypsibius archangajensis* Kaczmarek & Michalczyk, 2004  
*Isohypsibius arcuatus* (Bartoš, 1934)  
*Isohypsibius asper* (Murray, 1906)  
*Isohypsibius austriacus* (Iharos, 1966)  
*Isohypsibius baicalensis* (Ramazzotti, 1966)  
*Isohypsibius baldii* (Ramazzotti, 1945)  
*Isohypsibius baldioides* Tumanov, 2003  
*Isohypsibius barbarae* Pilato & Binda, 2002  
*Isohypsibius bartosi* (Iharos, 1966)  
*Isohypsibius basalovoi* (Durante & Maucci, 1973)  
*Isohypsibius belliformis* (Mihelčič, 1971)  
*Isohypsibius bellus* (Mihelčič, 1971)  
*Isohypsibius borkini* Tumanov, 2003  
*Isohypsibius brevispinosus* (Iharos, 1966)  
*Isohypsibius brevitubulatus* Rho, Chang & Kim, 1997  
*Isohypsibius brulloi* Pilato & Pennisi, 1976  
*Isohypsibius bulbifer* (Mihelčič, 1957)  
*Isohypsibius cameruni* (Iharos, 1969)  
*Isohypsibius campbellensis* Pilato, 1996  
*Isohypsibius canadensis* (Murray, 1910)  
*Isohypsibius ceciliae* Pilato & Binda, 1987  
*Isohypsibius changbaiensis* Yang, 1999  
*Isohypsibius chiarae* Maucci, 1987 [*Isohypsibius bertolanii* Manicardi, 1989]  
*Isohypsibius costatus* (Mihelčič, 1971)  
*Isohypsibius cyrilli* (Mihelčič, 1951)  
*Isohypsibius dastychi* Pilato, Bertolani & Binda, 1982  
*Isohypsibius deconincki* Pilato, 1971  
*Isohypsibius deflexus* (Mihelčič, 1960)  
*Isohypsibius dudichi* (Iharos, 1964)  
*Isohypsibius durantee* (Maucci, 1978)  
*Isohypsibius effusus* (Mihelčič, 1971)  
*Isohypsibius elegans* Binda & Pilato, 1971  
*Isohypsibius eplenyiensis* (Iharos, 1970)  
*Isohypsibius franzi* (Mihelčič, 1951)  
*Isohypsibius fuscus* (Mihelčič, 1971/72)  
*Isohypsibius gilvus* Biserov, 1986  
*Isohypsibius glaber* (Durante Pasa & Maucci, 1979)  
*Isohypsibius glazovi* Biserov, 1999  
*Isohypsibius gracilis* (Iharos, 1966)  
*Isohypsibius granditintinus* Chang & Rho, 1996  
*Isohypsibius granulifer granulifer* Thulin, 1928  
*Isohypsibius granulifer koreanensis* (Iharos, 1971)

*Isohypsibius gyulai* (Mihelčič, 1971)  
*Isohypsibius hadzii* (Mihelčič, 1938)  
*Isohypsibius helenae* (Iharos, 1964)  
*Isohypsibius hydrogogianus* Ito & Tagami, 1993  
*Isohypsibius hypostomoides* (Mihelčič, 1971)  
*Isohypsibius improvisus* Dastych, 1984  
*Isohypsibius indicus* (Murray, 1907)  
*Isohypsibius irregibilis* Biserov, 1992  
*Isohypsibius jakieli* Dastych, 1984  
*Isohypsibius jingshanensis* Yang, 2003  
*Isohypsibius jinhouensis* Yang, 2007  
*Isohypsibius josephi* (Iharos, 1964)  
*Isohypsibius kenodontis* Kendall-Fite & Nelson, 1996  
*Isohypsibius kotovae* Tumanov, 2003  
*Isohypsibius kristenseni* Pilato, Catanzaro & Binda, 1989  
*Isohypsibius ladogensis* Tumanov, 2003  
*Isohypsibius laevis* McInnes, 1995  
*Isohypsibius latiunguis* (Iharos, 1964)  
*Isohypsibius leithaicus* (Iharos, 1966)  
*Isohypsibius liae* X. Li & L. Wang, 2006  
*Isohypsibius lineatus* (Mihelčič, 1969)  
*Isohypsibius longiunguis* Pilato, 1974  
*Isohypsibius lunulatus* (Iharos, 1966)  
*Isohypsibius macrodactylus* (Maucci, 1978) [*Isohypsibius zierhofferi* Dastych, 1980 ]  
*Isohypsibius malawiensis* Jørgensen, 2001  
*Isohypsibius mammillosus* (Iharos, 1964)  
*Isohypsibius marcellinoi* Binda & Pilato, 1971  
*Isohypsibius marii* R. Bertolani, 1982  
*Isohypsibius mihelcici* (Iharos, 1964)  
*Isohypsibius monoicus* R. Bertolani, 1982  
*Isohypsibius monstruosus* Maucci, 1991  
*Isohypsibius montanus* Mihelčič, 1938  
*Isohypsibius myrops* (du Bois-Reymond Marcus, 1944)  
*Isohypsibius neoundulatus* (Durante Pasa & Maucci, 1975)  
*Isohypsibius nipponicus* Sudzuki, 1975  
*Isohypsibius nodosus* (Murray, 1907)  
*Isohypsibius novaeguineae* (Iharos, 1967)  
*Isohypsibius palmai* Pilato, 1996  
*Isohypsibius panovi* Tumanov, 2005  
*Isohypsibius papillifer papillifer* (Murray, 1905)  
*Isohypsibius papillifer bulbosus* (Marcus, 1928)  
*Isohypsibius papillifer indicus* (Iharos, 1969)  
*Isohypsibius pappi* (Iharos, 1966)  
*Isohypsibius pauper* (Mihelčič, 1971)  
*Isohypsibius pilato* (Durante Pasa & Maucci, 1979)  
*Isohypsibius pratensis* (Iharos, 1964)  
***Isohypsibius prosostomus prosostomus*** Thulin, 1928

*Isohypsibius prosostomus cambrensis* (Morgan, 1976)  
*Isohypsibius pseudoundulatus* (da Cunha & do Nascimento Ribeiro, 1964)  
*Isohypsibius pulcher* (Mihelčič, 1971/72)  
*Isohypsibius pushkini* Tumanov, 2003  
*Isohypsibius qinlingensis* X. Li, L. Wang & Yu, 2005  
*Isohypsibius rahmi* X. Li & L. Wang, 2006  
*Isohypsibius reticulatus* Pilato, 1973  
*Isohypsibius roberti* Biserov, 1996  
*Isohypsibius ronsisvallei* Binda & Pilato, 1969  
*Isohypsibius rudescui* (Iharos, 1966)  
*Isohypsibius rugosus* Guidi & Grabowski, 1996  
*Isohypsibius sabellai* Pilato, Binda, Napolitano & Moncada, 2004  
*Isohypsibius saltursus* Schuster, Toftner & Grigarick, 1978  
*Isohypsibius sattleri* (Richters, 1902) [*Hypsibius bakonyiensis* Iharos, 1964] {the correct reference of Dastyč 1990 cited in the previous check lists is: Dastyč, H. (1991) *Isohypsibius sattleri* (Richters 1902), a valid species (Tardigrada). *Senckenbergiana biologica*, 71, 181–189.}  
*Isohypsibius schaudinni* (Richters, 1909)  
*Isohypsibius sculptus* (Ramazzotti, 1962)  
*Isohypsibius sellnicki* (Mihelčič, 1962)  
*Isohypsibius septentrionalis* Thulin, 1928  
*Isohypsibius silvicola* (Iharos, 1966)  
*Isohypsibius sismicus* (Maucci, 1978)  
*Isohypsibius solidus* (Mihelčič, 1971)  
*Isohypsibius taibaiensis* X. Li & L. Wang, 2005  
*Isohypsibius tetradactyloides* (Richters, 1907)  
*Isohypsibius theresiae* (Iharos, 1964)  
*Isohypsibius torulosus* (Mihelčič, 1959)  
*Isohypsibius truncorum* (Iharos, 1964)  
*Isohypsibius tuberculatus* (Plate, 1888)  
*Isohypsibius tuberculoides* (Mihelčič, 1951)  
*Isohypsibius tubereticulatus* Pilato & Catanzaro, 1989  
*Isohypsibius tucumanensis* Claps & Rossi, 1984  
*Isohypsibius undulatus* Thulin, 1928  
*Isohypsibius vej dovskyi* (Bartoš, 1939)  
*Isohypsibius verae* Pilato & Catanzaro, 1989  
*Isohypsibius verrucosus* (Della Valle, 1915) [*Isohypsibius gibbus* (Marcus, 1928)]  
*Isohypsibius wilsoni* (Horning, Schuster & Grigarick, 1978)  
*Isohypsibius woodsae* Kathman, 1990  
*Isohypsibius yunnanensis* Yang, 2002

*Mixibius* Pilato, 1992

*Mixibius fueginus* Pilato & Binda, 1996  
*Mixibius ninguidus* Biserov, 1999  
*Mixibius ornatus* Pilato, Binda, Napolitano & Moncada, 2002  
*Mixibius pilatoi* L. Wang, 2009  
*Mixibius saracenus* (Pilato, 1973)

*Mixibius sutirae* Pilato, Binda & Lisi 2004

*Mixibius tibetanus* H.Li & X.Li, 2008

*Pseudobiotus* Nelson, 1980

*Pseudobiotus kathmanae* Nelson, Marley & Bertolani, 1999

*Pseudobiotus longiunguis* (Iharos, 1968)

*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>

*Ramajendas* Pilato & Binda, 1990

*Ramajendas frigidus* Pilato & Binda, 1990

*Ramajendas heatwolei* Miller, Horning & Dastych, 1995

*Ramajendas renaudi* (Ramazzotti, 1972)

*Ramazzottius* Binda & Pilato, 1986

*Ramazzottius affinis* Bertolani, Guidetti & Rebecchi, 1994

*Ramazzottius andreevi* Biserov, 1997/98

*Ramazzottius anomalus* (Ramazzotti, 1962)

*Ramazzottius baumanni* (Ramazzotti, 1962)

*Ramazzottius bunikowskiae* Kaczmarek, Michalczyk & Diduszko, 2006

*Ramazzottius cataphractus* (Maucci, 1974)

*Ramazzottius caucasicus* Biserov, 1997/98

*Ramazzottius edmondabouti* Séméria, 1993

*Ramazzottius horningi* Binda & Pilato, 1994

*Ramazzottius ljudmilae* Biserov, 1997/98

*Ramazzottius montivagus* (Dastych, 1983)

*Ramazzottius nivalis* Dastych, 2006

*Ramazzottius novemcinctus* (Marcus, 1936)

*Ramazzottius oberhaeuseri* (Doyère, 1840)

*Ramazzottius rupeus* Biserov, 1999

*Ramazzottius saltensis* (Claps & Rossi, 1984)

*Ramazzottius semisculptus* Pilato & Rebecchi, 1992

*Ramazzottius subanomalus* (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

*Thulinus* R. Bertolani, 2003

[*Thulinia* R. Bertolani, 1982]

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

*Thulinus itoi* (Tsurusaki, 1980)

*Thulinus ruffoi* (R. Bertolani, 1982)

*Thulinius stephaniae* (Pilato, 1974)

Diphasconinae Dastych, 1992

*Diphascon* (*Diphascon*) Plate, 1888

*Diphascon* (*Diphascon*) *aculeatum* (Maucci, 1951-1952)

*Diphascon* (*Diphascon*) *alpinum* Murray, 1906

*Diphascon* (*Diphascon*) *australianum* Pilato & Binda, 1998

*Diphascon* (*Diphascon*) *bidropion* Ito, 1995

*Diphascon* (*Diphascon*) *birklehofii* Rolf Schuster, 1999

*Diphascon* (*Diphascon*) *bisbullatum* (Iharos, 1964)

*Diphascon* (*Diphascon*) *boreale* Biserov, 1996

*Diphascon* (*Diphascon*) *brevipes* (Marcus, 1936)

*Diphascon* (*Diphascon*) *bullatum* Murray, 1905

*Diphascon* (*Diphascon*) *burti* Nelson, 1991

***Diphascon* (*Diphascon*) *chilenense*** Plate, 1888

*Diphascon* (*Diphascon*) *claxtonae* Pilato & Binda, 1998

*Diphascon* (*Diphascon*) *dastychi* Pilato & Binda, 1999

*Diphascon* (*Diphascon*) *dolomiticum* Pilato & Bertolani, 2005

*Diphascon* (*Diphascon*) *elongatum* (Mihelčič, 1959)

***Diphascon* (*Diphascon*) *faialense* Fontoura & Pilato, 2007**

*Diphascon* (*Diphascon*) *gerdae* (Mihelčič, 1951)

*Diphascon* (*Diphascon*) *granifer* Greven, 1972

*Diphascon* (*Diphascon*) *halapiense* (Iharos, 1964)

*Diphascon* (*Diphascon*) *higginsii* Binda, 1971

*Diphascon* (*Diphascon*) *humicus* Bertolani, Guidetti & Rebecchi, 1995

*Diphascon* (*Diphascon*) *hydrophilum* Pilato, Binda, Bertolani & Lisi, 2005

*Diphascon* (*Diphascon*) *iharosi* Vargha, 1995

*Diphascon* (*Diphascon*) *iltisi* (Schuster & Grigarick, 1965)

*Diphascon* (*Diphascon*) *langhovdense* (Sudzuki, 1964)

*Diphascon* (*Diphascon*) *latipes* (Mihelčič, 1955)

*Diphascon* (*Diphascon*) *mirabilis* Dastych, 1984

*Diphascon* (*Diphascon*) *mitrense* Pilato, Binda & Quattieri, 1999

*Diphascon* (*Diphascon*) *nelsonae* Pilato, Binda, Bertolani & Lisi, 2005

*Diphascon* (*Diphascon*) *nobilei* (Binda, 1969)

*Diphascon* (*Diphascon*) *nodulosum* (Ramazzotti, 1957)

*Diphascon* (*Diphascon*) *nonbullatum* (Mihelčič, 1951)

*Diphascon* (*Diphascon*) *oculatum oculatum* Murray, 1906

*Diphascon* (*Diphascon*) *oculatum alpinum* (Mihelčič, 1964)

*Diphascon* (*Diphascon*) *oculatum canadense* Murray, 1910 [*Hypsibius vancouverensis* Thulin, 1911]

*Diphascon* (*Diphascon*) *ongulense* (Morikawa, 1962)

*Diphascon* (*Diphascon*) *opisthoglyptum* Maucci, 1987

*Diphascon* (*Diphascon*) *patanei* Binda & Pilato, 1971

*Diphascon* (*Diphascon*) *pingue pingue* (Marcus, 1936)

*Diphascon* (*Diphascon*) *pingue brunsvicense* Argue, 1972

*Diphascon* (*Diphascon*) *pinguiforme* Pilato & Binda, 1997/98

*Diphascon (Diphascon) platyungue* Pilato, Binda, Bertolani & Lisi, 2005  
*Diphascon (Diphascon) polare* Pilato & Binda, 1999  
*Diphascon (Diphascon) puniceum* (Jennings, 1976)  
*Diphascon (Diphascon) ramazzottii* (Robotti, 1970)  
*Diphascon (Diphascon) recamieri* Richters, 1911  
*Diphascon (Diphascon) rugocaudatum* (Rodriguez Roda, 1952)  
*Diphascon (Diphascon) rugosum* (Bartoš, 1935)  
*Diphascon (Diphascon) sanae* Dastych, Ryan & Watkins, 1990  
*Diphascon (Diphascon) secchii* Bertolani & Rebecchi, 1996  
*Diphascon (Diphascon) serratum* Pilato, Binda, Bertolani & Lisi, 2005  
*Diphascon (Diphascon) sexbullatum* Ito, 1995  
*Diphascon (Diphascon) stappersi* Richters, 1911  
*Diphascon (Diphascon) tenue* Thulin, 1928  
*Diphascon (Diphascon) trachydorsatum* (Bartoš, 1937)  
*Diphascon (Diphascon) victoriae* Pilato & Binda, 1999  
*Diphascon (Diphascon) zaniewi* Kaczmarek & Michalczyk, 2004

*Diphascon (Adropion)* Pilato, 1987

*Diphascon (Adropion) arduifrons* Thulin, 1928  
*Diphascon (Adropion) behanae* Dastych, 1987  
*Diphascon (Adropion) belgicae* Richters, 1911 [*Fujiscon diphasconiellum* Ito, 1991]  
*Diphascon (Adropion) carolae* Binda & Pilato, 1969  
*Diphascon (Adropion) clavatum* (Bartoš, 1935)  
*Diphascon (Adropion) gordonense* Pilato, Claxton & Horning, 1991  
*Diphascon (Adropion) greveni* Dastych, 1984  
*Diphascon (Adropion) linzhiensis* X. Li, 2007  
*Diphascon (Adropion) mauccii* Dastych & McInnes, 1996  
*Diphascon (Adropion) modestum* Binda, Pilato & Dastych, 1984  
*Diphascon (Adropion) montigenum* Pilato & Dastych, 1974  
*Diphascon (Adropion) onorei* Pilato, Binda, Napolitano & Moncada, 2002  
*Diphascon (Adropion) prorsirostre* Thulin, 1928  
***Diphascon (Adropion) scoticum scoticum*** Murray, 1905 [*Diphascon crozetense* Richters, 1907]  
*Diphascon (Adropion) scoticum ommatophorum* (Thulin, 1911)  
*Diphascon (Adropion) scoticum qinlingensis* X. Li & Liu, 2005  
*Diphascon (Adropion) tricuspdatum* Binda & Pilato, 2000  
*Diphascon (Adropion) triodon* (Maucci, 1996)

*Diphascon bicorne* (Mihelčič, 1971)  
*Diphascon coniferens* (Bartoš, 1960)  
*Diphascon marcuzzii* (Mihelčič, 1971)  
*Diphascon mariae* (Mihelčič, 1951)  
*Diphascon punctatum* (Iharos, 1962)  
*Diphascon rivulare* (Mihelčič, 1967)  
*Diphascon speciosum* (Mihelčič, 1971)

*Bindius* Pilato, 2009

*Bindius triquetrus* Pilato, 2009

*Hebesuncus* Pilato, 1987

***Hebesuncus conjungens*** (Thulin, 1911)

*Hebesuncus ryani* Dastych & Harris, 1994

*Hebesuncus schusteri* (Dastych, 1984)

*Paradiphascon* Dastych, 1992

***Paradiphascon manningi*** Dastych, 1992

Itaquasconinae Rudescu, 1964

*Astatumen* Pilato, 1997

*Astatumen bartosi* (Węglarska, 1959)

*Astatumen tamaensis* (Sudzuki, 1975)

*Astatumen tamurai* (Ito, 1990)

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

*Itaquascon* de Barros, 1939

*Itaquascon biserovi* Pilato, Binda & Moncada, 1999

*Itaquascon cambewarrense* Pilato, Binda & Claxton, 2002

*Itaquascon enckelli* (Mihelčič, 1971/72)

*Itaquascon globuliferum* Abe & Ito, 1994

*Itaquascon mongolicus* Kaczmarek, Michalczyk & Węglarska, 2002

*Itaquascon pawlowskii* Węglarska, 1973

***Itaquascon pisoniae* Pilato & Lisi, 2009**

*Itaquascon placophorum* Maucci, 1973

*Itaquascon simplex* (Mihelčič, 1971)

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

*Itaquascon unguiculum* Pilato, Binda & Claxton, 2002

*Mesocrista* Pilato, 1987

*Mesocrista marcusii* (Rudescu, 1964)

***Mesocrista spitzbergensis*** (Richters, 1903)

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

*Platicrista horribilis* Kaczmarek & Michalczyk, 2003

*Platicrista itaquasconoide* (Durante Pasa & Maucci, 1975)

*Platicrista ramsayi* Marley, 2006

Macrobiotidae Thulin, 1928

*Adorybiotus* Maucci & Ramazzotti, 1981  
*Adorybiotus granulatus* (Richters, 1903)

*Biserovus* Guidetti & Pilato, 2003  
*Biserovus bindae* (Christenberry & Higgins, 1979)

*Calcarobiotus* (*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

*Calcarobiotus* (*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* to *Insuetifurca* by Li 2009>

*Macrobiotus* C.A.S. Schultze, 1834  
*Macrobiotus almadai* Fontoura, Pilato & Lisi, 2008  
*Macrobiotus altitudinalis* Biserov, 1997/98  
*Macrobiotus alvaroi* Pilato & Kaczmarek, 2007  
*Macrobiotus anderssoni* Richters, 1907  
*Macrobiotus andinus* Maucci, 1988  
*Macrobiotus annae* Richters, 1908  
*Macrobiotus aradasi* Binda, Pilato & Lisi, 2005  
*Macrobiotus arguei* Pilato & Sperlinga, 1975  
*Macrobiotus ariekammensis* Węglarska, 1965 [*Macrobiotus adelges* Dastych, 1977]  
*Macrobiotus armatus* Pilato & Binda, 1996  
*Macrobiotus artipharyngis* Iharos, 1940  
*Macrobiotus ascensionis* Richters, 1908  
*Macrobiotus australis* Pilato & D'Urso, 1976  
*Macrobiotus baltatus* McInnes, 1991

*Macrobiotus barabanovi* Tumanov, 2005  
*Macrobiotus barbarae* Kaczmarek, Michalczyk & Degma, 2007  
*Macrobiotus biserovi* Bertolani, Guidi & Rebecchi, 1996  
*Macrobiotus blocki* Dastych, 1984  
*Macrobiotus bondavallii* Manicardi, 1989  
*Macrobiotus brevipes* Mihelčič, 1971/72  
*Macrobiotus caelicola* Kathman, 1990  
*Macrobiotus carsicus* Maucci, 1954  
*Macrobiotus ciprianoi* Guil, Guidetti & Machordom, 2007  
*Macrobiotus contii* Pilato & Lisi, 2006  
*Macrobiotus coronatus* de Barros, 1942  
*Macrobiotus creber* Pilato & Lisi, 2009  
*Macrobiotus crenulatus* Richters, 1904 [*Macrobiotus dentatus* Binda, 1974]  
*Macrobiotus danielisae* Pilato, Binda & Lisi, 2006  
*Macrobiotus danilovi* Tumanov, 2007  
*Macrobiotus dariae* Pilato & Bertolani, 2004  
*Macrobiotus denticulus* Dastych, 2002  
*Macrobiotus diffusus* Binda & Pilato, 1987  
*Macrobiotus diguensis* Pilato & Lisi, 2009  
*Macrobiotus divergens* Binda, Pilato & Lisi, 2005  
*Macrobiotus diversus* Biserov, 1990  
*Macrobiotus drakensbergi* Dastych, 1993  
*Macrobiotus echinogenitus* Richters, 1904  
*Macrobiotus erminiae* Binda & Pilato, 1999  
*Macrobiotus evelinae* de Barros, 1938  
*Macrobiotus furciger* Murray, 1907 [*Macrobiotus ehrenbergi* Heinis, 1921; *Macrobiotus furcatus* Murray, 1906}  
*Macrobiotus gemmatus* Bartoš, 1963  
*Macrobiotus glebkai* Biserov, 1990  
*Macrobiotus grandis* Richters, 1911  
*Macrobiotus halei* Bartels, Pilato, Lisi & Nelson, 2009  
*Macrobiotus hapukuensis* Pilato, Binda & Lisi, 2006  
*Macrobiotus harmsworthi harmsworthi* Murray, 1907  
*Macrobiotus harmsworthi obscurus* Dastych, 1985  
*Macrobiotus hibiscus* de Barros, 1942  
*Macrobiotus hieronimi* Pilato & Claxton, 1988  
*Macrobiotus higginsi* Maucci, 1987  
*Macrobiotus hufelandi hufelandi* C.A.S. Schultze, 1833  
*Macrobiotus hufelandi maculatus* Iharos, 1973  
*Macrobiotus humilis* Binda & Pilato, 2001  
*Macrobiotus hyperboreus* Biserov, 1990  
*Macrobiotus hyperonyx* Maucci, 1983  
*Macrobiotus hystricogenitus* Maucci, 1978  
*Macrobiotus iharosi* Pilato, Binda & Catanzaro, 1991  
*Macrobiotus insignis* Bartoš, 1963  
*Macrobiotus insularis* Pilato, 2006  
*Macrobiotus islandicus islandicus* Richters, 1904 [*Macrobiotus ruffoi* Maucci, 1973]

*Macrobotus islandicus nicaraguensis* Séméria, 1985  
*Macrobotus joanna* Pilato & Binda, 1983  
*Macrobotus kazmierskii* Kaczmarek & Michalczyk, 2009  
*Macrobotus kirghizicus* Tumanov, 2005  
*Macrobotus koller* Mihelčič, 1951  
*Macrobotus komareki* Bartoš, 1939  
*Macrobotus kovalevi* Tumanov, 2004  
*Macrobotus kozharai* Biserov, 1999  
*Macrobotus krynauwi* Dastych & Harris, 1995  
*Macrobotus kurasi* Dastych, 1981  
*Macrobotus lazzaroi* Maucci, 1986 [*Macrobotus spallanzanii* Maucci, 1973]  
*Macrobotus lissostomus* Durante Pasa & Maucci, 1979  
*Macrobotus liviae* Ramazzotti, 1962  
*Macrobotus longipes* Mihelčič, 1971/72  
*Macrobotus lusitanicus* Maucci & Durante Pasa, 1984  
*Macrobotus macrocalix* Bertolani & Rebecchi, 1993  
*Macrobotus madegassus* Maucci, 1993  
*Macrobotus mandalae* Pilato, 1974  
*Macrobotus marlenae* Kaczmarek & Michalczyk, 2004  
*Macrobotus martini* Bartels, Pilato, Lisi & Nelson, 2009  
*Macrobotus maucii* Pilato, 1974  
*Macrobotus meridionalis* Richters, 1909  
*Macrobotus modestus* Pilato & Lisi, 2009  
*Macrobotus mongolicus* Maucci, 1988  
*Macrobotus montanus* Murray, 1910 [*Macrobotus morulatus* Bartoš, 1936]  
*Macrobotus mottai* Binda & Pilato, 1994  
*Macrobotus nelsonae* Guidetti, 1998  
*Macrobotus neuquensis* Rossi, Claps & Ardohain, 2009  
*Macrobotus norvegicus* Mihelčič, 1971/72  
*Macrobotus nuragicus* Pilato & Sperlinga, 1975  
*Macrobotus occidentalis occidentalis* Murray, 1910  
*Macrobotus occidentalis striatus* Dastych, 1974  
*Macrobotus ocotensis* Pilato, 2006  
*Macrobotus orcadensis* Murray, 1907  
*Macrobotus ovidii* Bartoš, 1937  
*Macrobotus ovostriatus* Pilato & Patané, 1998  
*Macrobotus ovovillosus* Baumann, 1960  
*Macrobotus pallarii* Maucci, 1954 [*Macrobotus aviglianae* Robotti, 1970]  
*Macrobotus papillosus* Iharos, 1963  
*Macrobotus patagonicus* Maucci, 1988  
*Macrobotus patiens* Pilato, Binda, Napolitano & Moncada, 2000  
*Macrobotus perfidus* Pilato & Lisi, 2009  
*Macrobotus persimilis* Binda & Pilato, 1972  
*Macrobotus personatus* Biserov, 1990  
*Macrobotus peterseni* Maucci, 1991  
*Macrobotus pilatoi* Binda & Rebecchi, 1992  
*Macrobotus polaris* Murray, 1910

*Macrobotus polonicus* Pilato, Kaczmarek, Michalczyk & Lisi, 2003  
*Macrobotus polyopus* Marcus, 1928  
*Macrobotus porteri* Rahm, 1931  
*Macrobotus potockii* Węglarska, 1968  
*Macrobotus primitivae* de Barros, 1942  
*Macrobotus privitera* Binda, Pilato, Moncada & Napolitano, 2001  
*Macrobotus psephus* du Bois-Reymond Marcus, 1944  
*Macrobotus pseudocoronatus* Pilato, Binda & Lisi, 2006  
*Macrobotus pseudofurcatus* Pilato, 1972  
*Macrobotus pseudoliviae* Pilato & Binda, 1996  
*Macrobotus pseudonuragicus* Pilato, Binda & Lisi, 2004  
*Macrobotus punctillus* Pilato, Binda & Azzaro, 1990  
*Macrobotus radiatus* Pilato, Binda & Catanzaro, 1991  
*Macrobotus ragonesei* Binda, Pilato, Moncada & Napolitano, 2001  
*Macrobotus ramoli* Dastych, 2005  
*Macrobotus rawsoni* Horning, Schuster & Grigarick, 1978  
*Macrobotus recens* Cuénot, 1932  
*Macrobotus reinhardti* Michalczyk & Kaczmarek, 2003  
*Macrobotus rigidus* Pilato & Lisi, 2006  
*Macrobotus rollei* Heinis, 1921  
*Macrobotus rubens* Murray, 1907  
*Macrobotus sandrae* Bertolani & Rebecchi, 1993  
*Macrobotus santoroi* Pilato & D'Urso, 1976  
*Macrobotus sapiens* Binda & Pilato, 1984  
*Macrobotus semmelweisi* Pilato, Binda & Lisi, 2006  
*Macrobotus serratus* Bertolani, Guidi & Rebecchi, 1996  
*Macrobotus seychellensis* Biserov, 1994  
*Macrobotus shennongensis* Yang, 1999  
*Macrobotus siamensis* Tumanov, 2006  
*Macrobotus sicheli* Binda, Pilato & Lisi, 2005  
*Macrobotus simulans* Pilato, Binda, Napolitano & Moncada, 2000  
*Macrobotus sklodowskae* Michalczyk, Kaczmarek & Węglarska, 2006  
*Macrobotus snaresensis* Horning, Schuster & Grigarick, 1978  
*Macrobotus spectabilis* Thulin, 1928  
*Macrobotus spertii* Ramazzotti, 1957  
*Macrobotus stellaris* du Bois-Reymond Marcus, 1944  
*Macrobotus striatus* Mihelčič, 1949  
*Macrobotus submorulatus* Iharos, 1966  
*Macrobotus szeptyckii* Kaczmarek & Michalczyk, 2009  
*Macrobotus tehuelchensis* Rossi, Claps & Ardohain, 2009  
*Macrobotus tenuiformis* Tumanov, 2007  
*Macrobotus tenuis* Binda & Pilato, 1972  
*Macrobotus terminalis* Bertolani & Rebecchi, 1993  
*Macrobotus terricola* Mihelčič, 1951  
*Macrobotus tetraplacoides* Fontoura, 1981  
*Macrobotus topali* Iharos, 1969  
*Macrobotus virgatus* Murray, 1910

*Macrobotus voronkovi* Tumanov, 2007  
*Macrobotus wauensis* Iharos, 1973  
*Macrobotus willardi* Pilato, 1977  
*Macrobotus yunshanensis* Yang, 2002

*Minibiotus* R.O. Schuster, 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 bisoctus* (Horning, Schuster & Grigarick, 1978)  
*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 diphascoides* (Iharos, 1969)  
*Minibiotus eichhorni* Michalczyk & Kaczmarek, 2004  
*Minibiotus ethelae* Claxton, 1998  
*Minibiotus fallax* Pilato, Claxton & Binda, 1989  
*Minibiotus floriparus* Claxton, 1998  
*Minibiotus furcatus* (Ehrenberg, 1859) [*nec Macrobotus furcatus* Murray, 1906]  
*Minibiotus granatai* (Pardi, 1941)  
*Minibiotus gumersindoi* Guil & Guidetti, 2005  
*Minibiotus hispidus* Claxton, 1998  
*Minibiotus hufelandioides* (Murray, 1910)  
***Minibiotus intermedius*** (Plate, 1888)  
*Minibiotus julietae* (de Barros, 1942)  
*Minibiotus keppelensis* Claxton, 1998  
*Minibiotus maculartus* Pilato & Claxton, 1988  
*Minibiotus marcusii* (de Barros, 1942)  
*Minibiotus milleri* Claxton, 1998  
*Minibiotus orthofasciatus* Fontoura, Pilato, Lisi & Morais, 2009  
*Minibiotus pilatus* Claxton, 1998  
*Minibiotus poricinatus* Claxton, 1998  
*Minibiotus pustulatus* (Ramazzotti, 1959)  
*Minibiotus ramazzottii* Binda & Pilato, 1992  
*Minibiotus scopulus* Claxton, 1998  
*Minibiotus sidereus* Pilato, Binda & Lisi, 2003  
*Minibiotus stuckenbergi* (Dastych, Ryan & Watkins, 1990)  
*Minibiotus subintermedius* (Ramazzotti, 1962)  
*Minibiotus taiti* Claxton, 1998  
*Minibiotus vinciguerrae* Binda & Pilato, 1992  
*Minibiotus weglarskae* Michalczyk, Kaczmarek & Claxton, 2005

*Minibiotus weinerorum* (Dastych, 1984)

*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)

*Paramacrobilotus* Guidetti, Schill, Bertolani, Dandekar & Wolf, 2009

*Paramacrobilotus alekseevi* (Tumanov, 2005) <Transferred from *Macrobilotus* to *Paramacrobilotus* by Guidetti et al. 2009>

*Paramacrobilotus areolatus* (Murray, 1907) <Transferred from *Macrobilotus* to *Paramacrobilotus* by Guidetti et al. 2009>

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

*Paramacrobilotus centesimus* (Pilato, 2000) <Transferred from *Macrobilotus* to *Paramacrobilotus* by Guidetti et al. 2009>

*Paramacrobilotus chiergoi* (Maucci & Durante Pasa, 1980) <Transferred from *Macrobilotus* to *Paramacrobilotus* by Guidetti et al. 2009>

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

*Paramacrobilotus crenatus* (Maucci, 1991) <Transferred from *Macrobilotus* to *Paramacrobilotus* by Guidetti et al. 2009>

*Paramacrobilotus csotiensis* (Iharos, 1966) <Transferred from *Macrobilotus* to *Paramacrobilotus* by Guidetti et al. 2009>

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

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

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

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

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

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

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

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

***Paramacrobilotus richtersi* (Murray, 1911)** [*Macrobilotus schultzei* Greeff, 1866] <Transferred from *Macrobilotus* to *Paramacrobilotus* by Guidetti et al. 2009>

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

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

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

*Paramacrobiotus vanescens* (Pilato, Binda and Catanzaro, 1991) <Transferred from *Macrobiotus* to *Paramacrobiotus* by Guidetti *et al.* 2009>

*Paramacrobiotus walteri* (Biserov, 1997/98) <Transferred from *Macrobiotus* to *Paramacrobiotus* by Guidetti *et al.* 2009>

*Pseudodiphascon* Ramazzotti, 1965

*Pseudodiphascon inflexum* (Arcidiacono, 1964)

*Pseudohexapodibius* Bertolani & Biserov, 1996

*Pseudohexapodibius degenerans* (Biserov, 1990)

*Richtersius* Pilato & Binda, 1989

[*Richtersia* Pilato & Binda, 1987]

*Richtersius coronifer* (Richters, 1903)

*Schusterius* Kaczmarek & Michalczyk, 2006

*Schusterius tridigitus* (R.O. Schuster, 1983)

*Xerobiotus* Bertolani & Biserov, 1996

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

*Xerobiotus xerophilus* (Dastyk, 1978)

Murrayidae Guidetti, Gandolfi, Rossi & Bertolani, 2005

*Dactylobiotus* R.O. Schuster, 1980

*Dactylobiotus ambiguus* (Murray, 1907)

*Dactylobiotus ampullaceus* (Thulin, 1911)

*Dactylobiotus aquatilis* Yang, 1999

*Dactylobiotus caldarellai* Pilato & Binda, 1994

*Dactylobiotus dervizi* Biserov, 1998

*Dactylobiotus dispar* (Murray, 1907)

*Dactylobiotus grandipes* (Schuster, Toftner & Grigarick, 1978)

*Dactylobiotus haplonyx* Maucci, 1981

*Dactylobiotus henanensis* Yang, 2002

*Dactylobiotus lombardoi* Binda & Pilato, 1999

*Dactylobiotus luci* Kaczmarek, Michalczyk & Eggermont, 2008

*Dactylobiotus macronyx* (Dujardin, 1851)

*Dactylobiotus octavi* Guidetti, Altiero & Hansen, 2006

*Dactylobiotus parthenogeneticus* R. Bertolani, 1982

*Dactylobiotus selenicus* R. Bertolani, 1982

*Macroversum* Pilato & Catanzaro, 1988

*Macroversum mirum* Pilato & Catanzaro, 1988

*Murrayon* Bertolani & Pilato, 1988

*Murrayon dianee* (Kristensen, 1982)

*Murrayon hastatus* (Murray, 1907)

*Murrayon hibernicus* (Murray, 1911)  
*Murrayon nocentinae* (Ramazzotti, 1961)  
*Murrayon ovoglabeus* (Biserov, 1988)  
***Murrayon pullari*** (Murray, 1907)  
*Murrayon stellatus* Guidetti, 1998

Microhypsibiidae Pilato, 1998

*Fractonotus* Pilato, 1998

***Fractonotus caelatus*** (Marcus, 1928)

*Microhypsibius* Thulin, 1928

*Microhypsibius bertolanii* Kristensen, 1982  
*Microhypsibius japonicus* Ito, 1991  
*Microhypsibius minimus* Kristensen, 1982  
***Microhypsibius truncatus*** Thulin, 1928

Necopinatidae Ramazzotti & Maucci, 1983

*Necopinatum* Pilato, 1971

***Necopinatum mirabile*** Pilato, 1971

*incertae sedis*

*Apodibius* Dastych, 1983

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

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