

NOMENCLATRURAL CHANGES FOR A FAMILY GROUP NAME AND TWELVE GENUS GROUP NAMES IN ACARI

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ABSTRACT: Twelve junior homonyms were detected amongst the acarid genus group names and the following replacement names are proposed: *Diasjattia* nom. nov. for *Fonsecaia* Dias, 1963; *Athiashenriotis* nom. nov. for *Arctopsis* Athias-Henriot, 1973; *Athiasodromus* nom. nov. for *Diadromus* Athias-Henriot, 1960; *Zachardaia* nom. nov. for *Krantzia* Zacharda, 1983; *Neomegaciella* nom. nov. for *Megaciella* Vercammen-Grandjean, 1960; *Echinacrus* Kiefer, 1966 for *Pentamerus* Roivainen, 1951; *Gaudiomouchetus* nom. nov. for *Xiphurius* Gaud & Mouchet, 1959; *Dabertia* nom. nov. for *Longipedia* Dabert, 1992; *Pandionacrus* Balogh, 1937 for *Bonnetella* Trouessart, 1924; *Paschoalia* nom. nov. for *Nortonella* Paschoal, 1982; *Baloghates* nom. nov. for *Calobates* Balogh, 1961 and *Berniniella* nom. nov. for *Cavernella* Bernini, 1975. Accordingly, new combinations are herein proposed for the species currently included in these genus group names respectively: *Haemaphysalis* (*Diasjattia*) *montgomeryi* (Nuttall, 1912) comb. nov.; *Athiashenriotis inexpectatus* (Athias-Henriot, 1973) comb. nov.; *Phytoseius* (*Athiasodromus*) *tiguus* (Chant, 1959) comb. nov.; *Zachardaia quadriseta* (Zacharda, 1983) comb. nov.; *Blankaartia* (*Neomegaciella*) *dohanyi* (Nadchatram & Goff, 1980) comb. nov.; *Blankaartia* (*Neomegaciella*) *gracilis* (Vercammen-Grandjean, 1960) comb. nov.; *Echinacrus acaciae* (Smith-Meyer, 1989) comb. nov.; *Echinacrus meliae* (Kuang-Haiyuan, 1998) comb. nov.; *Echinacrus psophocarp* (Chandrapatya, 1992) comb. nov.; *Echinacrus septemcarinatus* (Liro, 1941) comb. nov.; *Gaudiomouchetus xiphurius* (Trouessart, 1885) comb. nov.; *Dabertia tricalcarata* (Trouessart & Neumann, 1888) comb. nov.; *Pandionacrus fuscus* (Nitzsch, 1818) comb. nov.; *Paschoalia gildersleeveae* (Hammer, 1952) comb. nov.; *Paschoalia helvetica* (Woas, 1992) comb. nov.; *Paschoalia mongolica* (Bayartogtokh & Aoki, 1997) comb. nov.; *Paschoalia polygrammus* (Wen & Chen, 1992) comb. nov.; *Paschoalia tectoria* (Wen & Chen, 1992) comb. nov.; *Paschoalia transitus* (Aoki, 1984) comb. nov.; *Baloghates* (*Baloghates*) *antichthon* (Higgins, 1966) comb. nov.; *Baloghates* (*Baloghates*) *ornatissimus* (Balogh, 1959) comb. nov.; *Baloghates* (*Baloghates*) *ornatus* (Mahunka, 1986) comb. nov.; *Baloghates* (*Baloghates*) *tuberculatus* (Mahunka, 1988) comb. nov.; *Baloghates* (*Protoripoda*) *elongatus* (Oudemans, 1915) comb. nov.; *Baloghates* (*Protoripoda*) *flagellatus* (Choi, 1994) comb. nov.; *Baloghates* (*Protoripoda*) *incurva* (Berlese, 1916) comb. nov.; *Baloghates* (*Protoripoda*) *insularis* (Balogh, 1970) comb. nov.; *Baloghates* (*Protoripoda*) *lineatus* (Mahunka, 1988) comb. nov.; *Baloghates* (*Protoripoda*) *woolleyi* (Balogh, 1970) comb. nov.; *Berniniella helenae* (Bernini, 1975) comb. nov. A family group name *Pandionacarinae* nom. nov. is also proposed for *Bonnetellinae* Atyeo & Gaud, 1981.

KEY WORDS: nomenclatural changes, homonymy, replacement names, Acari.

The purpose of the present paper is to bring the taxonomy of Acari into accordance with the requirements of the International Code of Zoological Nomenclature (1999). It considers homonymous genus group names of Acari introduced from 1758 to 2005.

In an effort to reduce the number of homonyms in Acari, I systematically checked all generic names published. I found twelve acarid genus group names whose had been previously published for other taxa, making them junior homonyms. In accordance with Article 60 of the

International Code of Zoological Nomenclature, I propose substitute names for these names.

TAXONOMY

Order IXODIDA

Family IXODIDAE

Genus *HAEMAPHYSALIS* Koch, 1844

Subgenus *DIASJATIA* nom. nov.

Fonsecaia Dias, 1963. Mems Estud. Mus. zool. Univ. Coimbra No. 285: 28. (Acari: Parasitiformes: Ixodida: Ixodoidea: Ixodidae: Haemaphysalinae: *Haemaphysalis*). Preoccupied by *Fonsecaia* Pinto, 1918. Brazil-Medico, 32, 233; 1922, Mem. Inst. Oswaldo Cruz, 15, 86. (Protozoa: Apicomplexa: Conoidasida: Gregarinasina: Eugregarinorida: Septatorina: Stenophoricae: Stenophoridae).

Remarks: The name *Fonsecaia* was initially introduced by Pinto, 1918 for a monotypic protozoon genus of the family Stenophoridae (with the type species *Fonsecaia polymorpha* Pinto, 1918). Subsequently, Dias, 1963 described an acarid subgenus of the genus *Haemaphysalis* Koch, 1844 of the family Ixodidae (with the type species *Haemaphysalis montgomeryi* Nuttall, 1912) under the same generic name. It is still used as a valid genus name (e. g. Clopton, 2000). Thus, the genus group name *Fonsecaia* Dias, 1963 is a junior homonym of the genus *Fonsecaia* Pinto, 1918. So I propose a new replacement name *Diasjatia* nom. nov. for the subgenus name *Fonsecaia* Dias, 1963.

Etymology: from J. A. T. Santos Dias who is the current author of the preexisting subgenus *Fonsecaia*.

Summary of nomenclatural changes:

Diasjatia nom. nov.

= *Fonsecaia* Dias, 1963 (non Pinto, 1918).

Haemaphysalis (*Diasjatia*) *montgomeryi* (Nuttall, 1912) **comb. nov.**

= *Haemaphysalis* (*Fonsecaia*) *montgomeryi* (Nuttall, 1912).

Order MESOSTIGMATA

Family ASCIDAE

Genus *ATHIASHENRIOTIS* nom. nov.

Arctopsis Athias-Henriot, 1973. Bull.Soc.ent.Fr. 78: 230. (Acari: Parasitiformes: Mesostigmata: Dermanyssina: Ascoidea: Ascidae). Preoccupied by *Arctopsis* Barnard, 1920. Ann. S. Afric. Mus., 17, 386. (Crustacea: Malacostraca: Isopoda: Valvifera: Arcturidae).

Remarks: Athias-Henriot (1973) proposed the genus name *Arctopsis* with the type species *Arctopsis inexpectatus* Athias-Henriot, 1973. Unfortunately, the generic name was already preoccupied by Barnard

(1920), who had described the genus *Arctopsis* with the type species *Arcturopsis melitensis* Koehler, 1911 in the crustacean family Arcturidae. Thus, the genus *Arctopsis* Athias-Henriot, 1973 is a junior homonym of the generic name *Arctopsis* Barnard, 1920. So I propose a new replacement name *Athiashenriotis* nom. nov. for *Arctopsis* Athias-Henriot, 1973.

Etymology: from C. Athias-Henriot who is the current author of the preexisting genus *Arctopsis*.

Summary of nomenclatural changes:

Athiashenriotis **nom. nov.**

= *Arctopsis* Athias-Henriot, 1973 (non Barnard, 1920).

Athiashenriotis inexpectatus (Athias-Henriot, 1973) **comb. nov.**

= *Arctopsis inexpectatus* Athias-Henriot, 1973.

Family PHYTOSEIIDAE
Genus PHYTOSEIUS Ribaga, 1902
Subgenus ATHIASODROMUS nom. nov.

Diadromus Athias-Henriot, 1960. Bull. Soc. Hist. nat. Afr. N. 51: 67. (Acari: Parasitiformes : Mesostigmata: Dermanyssina: Ascoidea: Phytoseiidae: Phytoseiinae: *Phytoseius*). Preoccupied by *Diadromus* Wesmael, 1845. N. Mém. Acad. roy. Bruxelles, 18, 1845, 166, 207. (Insecta: Hymenoptera: Apocrita: Ichneumonidae: Ichneumoninae).

Remarks: Athias-Henriot (1960) proposed the genus group name *Diadromus* with the type species *Typhlodromus tiguus* Chant, 1959. *Diadromus* Athias-Henriot, 1960 is a subgenus of *Phytoseius* Ribaga, 1902. Unfortunately, the generic name was already preoccupied by Wesmael (1845), who had described the genus *Diadromus* in the hymenopteran family Ichneumonidae. Thus, the subgenus *Diadromus* Athias-Henriot, 1960 is a junior homonym of the generic name *Diadromus* Wesmael, 1845. So I propose a new replacement name *Athiasodromus* nom. nov. for *Diadromus* Athias-Henriot, 1960.

Etymology: from C. Athias-Henriot who is the current author of the preexisting subgenus *Diadromus*.

Summary of nomenclatural changes:

Athiasodromus **nom. nov.**

= *Diadromus* Athias-Henriot, 1960 (non Wesmael, 1845).

Phytoseius (*Athiasodromus*) *tiguus* (Chant, 1959) **comb. nov.**

= *Phytoseius* (*Diadromus*) *tiguus* (Chant, 1959).

Order ACTINEDIDA
Family RHAGIDIIDAE
Genus ZACHARDAIA nom. nov.

Krantzia Zacharda, 1983. Canadian J. Zool. 61 (5): 993. (Acari: Acariformes: Actinedida: Eupodina: Eupodoidea: Rhagidiidae). Preoccupied by *Krantzia* Barnard, 1932. Ann. S. Afr. Mus., 30, 280. (Crustacea: Malacostraca: Isopoda: Oniscoidea: Oniscidae).

Remarks: The generic name *Krantzia* Barnard, 1932 was proposed for a genus of crustacean family Oniscidae (with the type species *Krantzia poecila* Barnard, 1932). Subsequently, the generic name *Krantzia* Zacharda, 1983 was introduced for a new acarid genus (with the type species *Krantzia quadriseta* Zacharda, 1983) of the family Rhagidiidae. Thus, the genus *Krantzia* Zacharda, 1983 is a junior homonym of the generic name *Krantzia* Barnard, 1932. So I propose for the genus *Krantzia* Zacharda, 1983 the new replacement name *Zachardaia* nom. nov.

Etymology: from M. Zacharda who is the current author of the preexisting genus *Krantzia*.

Summary of nomenclatural changes:

Zachardaia **nom. nov.**

= *Krantzia* Zacharda, 1982 (non Barnard, 1932).

Zachardaia quadriseta (Zacharda, 1983) **comb. nov.**

= *Krantzia quadriseta* Zacharda, 1983.

Family TROMBICULIDAE
Genus BLANKAARTIA Oudemans, 1911
Subgenus NEOMEGACIELLA nom. nov.

Megaciella Vercammen-Grandjean, 1960. Archs Inst. Pasteur Alger 38: 51. (Acari: Acariformes: Actinedida: Parasitengona: Trombidioidea: Trombiculidae: Trombiculinae). Preoccupied by *Megaciella* Hallmann, 1920. Proc. Linn. Soc. N.S. Wales, 44, 784. (Porifera: Demospongiae: Ceractinomorpha: Poecilosclerida: Microcionina: Acarnidae).

Remarks: The genus *Megaciella* was erected by Hallmann, 1920 with the type species *Amphilectus pilosus* Ridley & Dendy, 1886 by original designation. Later, the genus group name *Megaciella* was proposed by Vercammen-Grandjean, 1960 with the type species *Megaciella gracilis* Vercammen-Grandjean, 1960. *Megaciella* Vercammen-Grandjean, 1960 is a subgenus of *Blankaartia* Oudemans, 1911. However, the name *Megaciella* Vercammen-Grandjean, 1960 is invalid under the law of homonymy, being a junior homonym of *Megaciella* Hallmann, 1920. So I propose to substitute the junior homonym name *Megaciella* Vercammen-Grandjean, 1960 for the name *Neomegaciella* nom. nov.

Etymology: from the preexisting subgenus name *Megaciella*.

Summary of nomenclatural changes:

Neomegaciella **nom. nov.**

= *Megaciella* Vercammen-Grandjean, 1960 (non Hallmann, 1920).

Blankaartia (*Neomegaciella*) *dohanyi* (Nadchatram & Goff, 1980) **comb. nov.**

= *Blankaartia* (*Megaciella*) *dohanyi* Nadchatram & Goff, 1980

Blankaartia (*Neomegaciella*) *gracilis* (Vercammen-Grandjean, 1960) **comb. nov.**

= *Blankaartia* (*Megaciella*) *gracilis* Vercammen-Grandjean, 1960

Family ERIOPHYIDAE **Genus *ECHINACRUS* Kiefer, 1966**

Pentamerus Roivainen, 1951. Acta ent. fenn., 8, 52. (Acari: Acariformes: Actinedida: Eleutherengona: Eriophyoidea: Eriophyidae: Phyllocoptinae). Preoccupied by *Pentamerus* Sowerby, 1813. Min. Conch., 1 (6), 73. (Brachiopoda: Articulata: Pentamerida: Pentameridina: Pentameroidea: Pentameridae).

Remarks: The name *Pentamerus* was initially introduced by Sowerby, 1813 as a genus name (with the type species *Pentamerus oblongus* Sowerby, 1839). *Pentamerus* Sowerby, 1813 is still used as a type genus of the family Pentameridae. Subsequently, Roivainen, 1951 described a new acarid genus of the family Eriophyidae (with the type species *Epitrimerus septemcarinatus* Liro, 1941) under the same generic name. Thus, the genus *Pentamerus* Roivainen, 1951 is a junior homonym of the genus *Pentamerus* Sowerby, 1813. I propose for the genus *Pentamerus* Roivainen, 1951 the junior subjective synonym *Echinacrus* Kiefer, 1966 that is the type species *Echinacrus rhamnicroceae* Kiefer, 1966.

Summary of nomenclatural changes:

Echinacrus Kiefer, 1966

= *Pentamerus* Roivainen, 1951 (non Sowerby, 1813).

Echinacrus acaciae (Smith-Meyer, 1989) **comb. nov.**

= *Pentamerus acaciae* Smith-Meyer, 1989

Echinacrus meliae (Kuang-Haiyuan, 1998) **comb. nov.**

= *Pentamerus meliae* Kuang-Haiyuan, 1998

Echinacrus psophocarpi (Chandrapatya, 1992) **comb. nov.**

= *Pentamerus psophocarpi* Chandrapatya, 1992

Echinacrus septemcarinatus (Liro, 1941) **comb. nov.**

- = *Epitrimerus septemcarinatus* Liro, 1941
- = *Pentamerus septemcarinatus* (Liro, 1941)
- = *Echinacrus rhamnicroceae* Kiefer, 1966

Order ASTIGMATA
Family PTEROLICHIDAE
Genus GAUDIOMOUCHETUS nom. nov.

Xiphiurus Gaud & Mouchet, 1959. Anns Parasit. hum. comp. 34: 481. (Acari: Acariformes: Astigmata: Psorobtida: Pterolichoidea: Pterolichidae: Magimeliinae). Preoccupied by *Xiphiurus* Smith, 1847. Ill. Zool. S. Afr. (Pisc.), pl. xxxi. (Chordata: Agnatha: Actinopterygii: Ophidiiformes: Ophidiidae).

Remarks: Gaud & Mouchet (1959) proposed the genus *Xiphiurus* with the type species *Pterolichus xiphiurus* Trouessart, 1885. Unfortunately, the generic name was already preoccupied by Smith (1847), who had described the genus *Xiphiurus* with the type species *Xiphiurus capensis* Smith, 1847 in the fish family Ophidiidae. Thus, the genus *Xiphiurus* Gaud & Mouchet, 1959 is a junior homonym of the generic name *Xiphiurus* Smith, 1847. So I propose a new replacement name *Gaudiomouchetus* nom. nov. for *Xiphiurus* Gaud & Mouchet, 1959.

Etymology: from J. Gaud and J. Mouchet who are the current authors of the preexisting genus *Xiphiurus*.

Summary of nomenclatural changes:

Gaudiomouchetus **nom. nov.**

- = *Xiphiurus* Gaud & Mouchet, 1959 (non Smith, 1847).

Gaudiomouchetus xiphiurus (Trouessart, 1885) **comb. nov.**

- = *Pterolichus xiphiurus* Trouessart, 1885
- = *Xiphiurus xiphiurus* (Trouessart, 1885)

Family SYRINGOBIIDAE
Genus DABERTIA nom. nov.

Longipedia Dabert, 1992. Genus (Wroclaw) 3(4): 214. (Acari: Acariformes: Astigmata: Psorobtida: Pterolichoidea: Syringobiidae). Preoccupied by *Longipedia* Craus, 1863. Würzburg. Z., 3, 86, 87. (Crustacea: Copepoda: Harpacticoida: Longipediidae).

Remarks: The generic name *Longipedia* Craus, 1863 was proposed for a copepod genus (with the type species *Longipedia coronata* Craus, 1863). *Longipedia* Craus, 1863 is a type genus of the family Longipediidae. Subsequently, the generic name *Longipedia* Dabert, 1992 was introduced for a acarid genus (with the type species *Syringobia tricalcarata* Trouessart & Neumann, 1888) of the family Syringobiidae. Thus, the

genus name *Longipedia* Dabert, 1992 is a junior homonym of the generic name *Longipedia* Craus, 1863. Under the Zoological Code (ICZN) they must be rejected and replaced. So I propose to substitute the junior homonym genus name *Longipedia* Dabert, 1992 for the nomen novum *Dabertia*.

Etymology: from J. Dabert who is the current author of the preexisting genus *Longipedia*.

Summary of nomenclatural changes:

Dabertia **nom. nov.**

= *Longipedia* Dabert, 1992 (non Craus, 1863).

Dabertia tricalcarata (Trouessart & Neumann, 1888) **comb. nov.**

= *Syringobia tricalcarata* Trouessart & Neumann, 1888

= *Longipedia tricalcarata* (Trouessart & Neumann, 1888)

Family AVENZOARIIDAE

Genus *PANDIONACARUS* Balogh, 1937

Bonnetella Trouessart, 1924. in Bonnet, Bull. Soc. zool. France, 49, 394. (Acari: Acariformes: Astigmata: Acaroidea: Avenzoariidae: Bonnetellinae). Preoccupied by *Bonnetella* Cossmann, 1908. Rev. crit. Paléozool., 12, 68. (Mollusca: Gastropoda: Prosobranchia: Archaeogastropoda).

Remarks: The name *Bonnetia* was initially introduced by Robineau-Desvoidy, 1830 for a fly genus. Later, the genus name *Bonnetia* was established by Cossmann, 1907 for a fossil mollusc genus. In this circumstance, the objective replacement name *Bonnetella* was proposed by Cossmann, 1908 for *Bonnetia* Cossmann, 1907 that is a junior homonym of *Bonnetia* Robineau-Desvoidy, 1830 in Diptera. *Bonnetella* Cossmann, 1908 is not extant. It was assigned to Archaeogastropoda by Sepkoski (2002).

On the other side, the generic name *Buchholzia* was erected by Trouessart, 1916 for a acarid genus (with the type species *Analgus fuscus* Nitzsch, 1818). The objective replacement name *Bonnetella* was proposed by Trouessart, 1924 for *Buchholzia* Trouessart, 1916 that is a junior homonym of *Buchholzia* Michaelson, 1886 in Oligochaeta. However, Balogh, 1937 was also proposed the objective replacement name *Pandionacarus* for *Buchholzia* Trouessart, 1916. For the present, *Bonnetella* Trouessart, 1924 is still used as a valid generic name. So *Buchholzia* Trouessart, 1916 and *Pandionacarus* Balogh, 1937 are the objective synonyms of *Bonnetella* Trouessart, 1924.

Thus *Bonnetella* Trouessart, 1924 is a junior homonym of the generic name *Bonnetella* Cossmann, 1908. So I propose for the genus *Bonnetella* Trouessart, 1924 the junior objective synonym *Pandionacarus*

Balogh, 1937 that is the objective replacement name of *Buchholzia* Trouessart, 1916 such as *Bonnetella* Trouessart, 1924.

In addition to this, *Bonnetella* Trouessart, 1924 is the type genus of the subfamily Bonnetellinae. It is replaced with *Pandionacarus* Balogh, 1937. Under this situation, according to ICZN (1999), the subfamily name Bonnetellinae should be Pandionacarinae.

Summary of nomenclatural changes:

Pandionacarinae **nom. nov.**

= Bonnetellinae Atyeo & Gaud, 1981

Pandionacarus Balogh, 1937

= *Bonnetella* Trouessart, 1924 (non Cossmann, 1908)

= *Buchholzia* Trouessart, 19016

Pandionacarus fuscus (Nitzsch, 1818) **comb. nov.**

= *Analges fuscus* Nitzsch, 1818

= *Buchholzia fuscus* (Nitzsch, 1818)

= *Bonnetella fuscus* (Nitzsch, 1818)

Order ORIBATIDA
Family GYMNODAMAEIDAE
Genus PASCHOALIA nom. nov.

Nortonella Paschoal, 1982. in Paschoal & Johnston 1982, Revista bras. Biol. 42 (2): 450. (Acari: Acariformes: Oribatida: Gymnodamaeioidea: Gymnodamaeidae). Preoccupied by *Nortonella* Rohwer, 1908. Bull. Amer. Mus. nat. Hist., 24, 592. (Insecta: Hymenoptera: Tenthredinoidea: Tenthredinidae: Tenthredininae).

Remarks: Firstly, the genus *Nortonella* was established by Rohwer, 1908 for hymenopteran family Tenthredinidae with the type species *Nortonella typical* Rohwer, 1908 by the original designation. Later, the genus *Nortonella* was proposed by Paschoal, 1982 for acarid family Gymnodamaeidae with the type species *Gymnodamaeus gildersleeveae* Hammer, 1952. However, the name *Nortonella* Paschoal, 1982 is invalid under the law of homonymy, being a junior homonym of *Nortonella* Rohwer, 1908. So I propose to substitute the junior homonym name *Nortonella* Paschoal, 1982 for the nomen novum *Paschoalia*.

Etymology: from A. D. Paschoal who is the current author of the preexisting genus *Nortonella*.

Summary of nomenclatural changes:

Paschoalia **nom. nov.**

= *Nortonella* Paschoal, 1982 (non Rohwer, 1908).

Paschoalia gildersleeveae (Hammer, 1952) **comb. nov.**

= *Gymnodamaeus gildersleeveae* Hammer, 1952

= *Nortonella gildersleeveae* (Hammer, 1952)

Paschoalia helvetica (Woas, 1992) **comb. nov.**

= *Gymnodamaeus helvetica* Woas, 1992

= *Nortonella helvetica* (Woas, 1992)

Paschoalia mongolica (Bayartogtokh & Aoki, 1997) **comb. nov.**

= *Nortonella mongolica* Bayartogtokh & Aoki, 1997

Paschoalia polygrammus (Wen & Chen, 1992) **comb. nov.**

= *Allodamaeus polygrammus* Wen & Chen, 1992

= *Nortonella polygrammus* (Wen & Chen, 1992)

Paschoalia tectoria (Wen & Chen, 1992) **comb. nov.**

= *Allodamaeus tectoria* Wen & Chen, 1992

= *Nortonella tectoria* (Wen & Chen, 1992)

Paschoalia transitus (Aoki, 1984) **comb. nov.**

= *Allodamaeus transitus* Aoki, 1984

= *Nortonella transitus* (Aoki, 1984)

Family SCHELORIBATIDAE **Genus BALOGHATES nom. nov.**

Calobates Balogh, 1961. Acta zool. hung. 7: 296. (Acari: Acariformes: Oribatida: Poronota: Oripodoidea: Scheloribatidae). Preoccupied by *Calobates* Kaup, 1829. Skizz. Europ. Thierw., 33. (Aves: Passeriformes: Passeri: Passerida: Motacillidae: *Motacilla*).

Remarks: The genus group name *Calobates* Kaup, 1829 was proposed for a bird of the family Motacillidae (with the type species *Motacilla melanope* Pallas, 1776 by original designation). *Calobates* Kaup, 1829 is a subgenus of *Motacilla* Linnaeus, 1758. Subsequently, the generic name *Calobates* Balogh, 1961 was introduced for a new acarid genus (with the type species *Oripoda ornatissima* Balogh, 1959) of the family Scheloribatidae. Thus, the genus *Calobates* Balogh, 1961 is a junior homonym of the generic name *Calobates* Kaup, 1829. So I propose for the genus *Calobates* Balogh, 1961 the new replacement name *Baloghates* **nom. nov.**

Etymology: from J. Balogh who is the current author of the preexisting genus *Calobates*.

Summary of nomenclatural changes:

Baloghates **nom. nov.**

= *Calobates* Balogh, 1961 (non Kaup, 1829).

- Baloghates (Baloghates) antichthon* (Higgins, 1966) **comb. nov.**
= *Calobates (Calobates) antichthon* Higgins, 1966
- Baloghates (Baloghates) ornatissimus* (Balogh, 1959) **comb. nov.**
= *Oripoda ornatissima* Balogh, 1959
= *Calobates (Calobates) ornatissimus* (Balogh, 1959)
- Baloghates (Baloghates) ornatus* (Mahunka, 1986) **comb. nov.**
= *Protoripoda ornatus* Mahunka, 1986
= *Calobates (Calobates) ornatus* (Mahunka, 1986)
- Baloghates (Baloghates) tuberculatus* (Mahunka, 1988) **comb. nov.**
= *Protoripoda tuberculatus* Mahunka, 1988
= *Calobates (Calobates) tuberculatus* (Mahunka, 1988)
- Baloghates (Protoripoda) elongatus* (Oudemans, 1915) **comb. nov.**
= *Frischia elongata* Oudemans, 1915
= *Calobates (Protoripoda) elongatus* (Oudemans, 1915)
- Baloghates (Protoripoda) flagellatus* (Choi, 1994) **comb. nov.**
= *Protoripoda flagellata* Choi, 1994
= *Calobates (Protoripoda) flagellatus* (Choi, 1994)
- Baloghates (Protoripoda) incurva* (Berlese, 1916) **comb. nov.**
= *Oripoda incurva* Berlese, 1916
= *Calobates (Protoripoda) incurva* (Berlese, 1916)
- Baloghates (Protoripoda) insularis* (Balogh, 1970) **comb. nov.**
= *Protoripoda insularis* Balogh, 1970
= *Calobates (Protoripoda) insularis* (Balogh, 1970)
- Baloghates (Protoripoda) lineatus* (Mahunka, 1988) **comb. nov.**
= *Protoripoda lineatus* Mahunka, 1988
= *Calobates (Protoripoda) lineatus* (Mahunka, 1988)
- Baloghates (Protoripoda) woolleyi* (Balogh, 1970) **comb. nov.**
= *Protoripoda woolleyi* Balogh, 1970 (Type species of *Calobates (Protoripoda)* Balogh, 1970)
= *Calobates (Protoripoda) woolleyi* (Balogh, 1970)

Family ORIBATELLIDAE
Genus BERNINIELLA nom. nov.

Cavernella Bernini, 1975. Lav. Soc. ital. Biogeogr. (N. S.) 5: 474. (Acari: Acariformes: Oribatida: Oribatelloidea: Oribatellidae). Preoccupied by *Cavernella* Morozova, 1974. Paleont. Zh. 1974 (2): 65. (Bryozoa: Stenolaemata: Fenestrata: Fenestraporidae).

Remarks: Bernini (1975) proposed the genus *Cavernella* with the type species *Cavernella helenae* Bernini, 1975 in Acari. It was regarded by some authors (e.g. Subias, 2004) as a subgenus of *Oribatella* Banks, 1895. Unfortunately, the generic name was already preoccupied by Morozova (1974), who had described the genus *Cavernella* with the type species *Fenestella dvinensis* Schulga-Nesterenko, 1951 in Bryozoa. Thus, the genus *Cavernella* Bernini, 1975 is a junior homonym of the generic name *Cavernella* Morozova, 1974. So I propose a new replacement name *Berniniella* **nom. nov.** for *Cavernella* Bernini, 1975.

Etymology: from F. Bernini who is the current author of the preexisting genus *Cavernella*.

Summary of nomenclatural changes:

Berniniella **nom. nov.**

= *Cavernella* Bernini, 1975 (non Morozova, 1974).

Berniniella helenae (Bernini, 1975) **comb. nov.**

= *Cavernella helenae* Bernini, 1975

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Order	Family	Junior homonym	Senior homonym	Replacement name
IXODIDA	IXODIDAE	Fonsecaia Dias, 1963	Fonsecaia Pinto, 1918 (Apicomplexa)	Diasjattia nom. nov.
MESOSTIGMATA	ASCIDAE	Arctopsis Athias-Henriot, 1973.	Arctopsis Barnard, 1920 (Crustacea)	Athiashenriotis nom. nov.
MESOSTIGMATA	PHYTOSEIIDAE	Diadromus Athias-Henriot, 1960	Diadromus Wesmael, 1845 (Hymenoptera)	Athiasodromus nom. nov.
ACTINEDIDA	RGAGIDIIDAE	Krantzia Zacharda, 1983	Krantzia Barnard, 1932 (Crustacea)	Zachardaia nom. nov.
ACTINEDIDA	TROMBICULIDAE	Megaciella Vercammen- Grandjean, 1960	Megaciella Hallmann, 1920 (Porifera)	Neomegaciella nom. nov.
ACTINEDIDA	ERIOPHYIDAE	Pentamerus Roivainen, 1951	Pentamerus Sowerby, 1813 (Brachiopoda)	Echinacrus Kiefer, 1966
ASTIGMATA	PTEROLICHIDAE	Xiphurus Gaud & Mouchet, 1959	Xiphurus Smith, 1847 (Pisces)	Gaudiomouchetus nom. nov.
ASTIGMATA	SYRINGOBIIDAE	Longipedia Dabert, 1992	Longipedia Craus, 1863 (Crustacea)	Dabertia nom. nov.
ASTIGMATA	AVENZOARIIDAE	Bonnetella Trouessart, 1924	Bonnetella Cossmann, 1908 (Mollusca)	Pandionacarus Balogh, 1937
ORIBATIDA	GYMNODAMAEIDAE	Nortonella Paschoal, 1982	Nortonella Rohwer, 1908 (Hymenoptera)	Paschoalia nom. nov.
ORIBATIDA	SCHELORIBATIDAE	Calobates Balogh, 1961	Calobates Kaup, 1829 (Aves)	Baloghates nom. nov.
ORIBATIDA	ORIBATELLIDAE	Cavernella Bernini, 1975	Cavernella Morozova, 1974 (Bryozoa)	Berniniella nom. nov.