

ORIGINAL ARTICLE

# A catalogue of Burmite inclusions

Mingxia Guo<sup>1,2</sup>, Lida Xing<sup>3,4</sup>, Bo Wang<sup>5</sup>, Weiwei Zhang<sup>6</sup>, Shuo Wang<sup>1</sup>, Aimin Shi<sup>2\*</sup>, Ming Bai<sup>1\*</sup>

<sup>1</sup>Key Laboratory of Zoological Systematics and Evolution, Institute of Zoology, Chinese Academy of Sciences, Beijing 100101, China

<sup>2</sup>Department of Life Science, China West Normal University, Nanchong, Sichuan 637002, China

<sup>3</sup>State Key Laboratory of Biogeology and Environmental Geology, China University of Geosciences, Beijing 100083, China

<sup>4</sup>School of the Earth Sciences and Resources, China University of Geosciences, Beijing 100083, China

<sup>5</sup>Nanjing Institute of Geology and Palaeontology, Nanjing 21008, China

<sup>6</sup>Three Gorges Entomological Museum, P.O. Box 4680, Chongqing 400015, China

\*Corresponding authors, E-mails: aiminshi2003@126.com, baim@ioz.ac.cn

**Abstract** Burmite (Burmese amber) from the Hukawng Valley in northern Myanmar is a remarkable valuable and obviously the most important amber for studying terrestrial diversity in the mid-Cretaceous. The diversity of Burmite inclusions is very high and many new taxa were found, including new order, new family/subfamily, and new genus. Till the end of 2016, 14 phyla, 21 classes, 65 orders, 279 families, 515 genera and 643 species of organisms are recorded, which are summarized and compiled in this catalogue. Among them, 587 species are arthropods. In addition, the specimens which can not be identified into species are also listed in the paper. The information on type specimens, other materials, host and deposition of types are provided.

**Key words** Burmese amber, fossil, Cretaceous, organism.

## 1 Introduction

Burmite (Burmese amber) from the Hukawng Valley in northern Myanmar is a remarkable valuable and obviously the most important amber for studying terrestrial diversity in the mid-Cretaceous. Burmese amber was traded with China since 2,000 years ago (around Han Dynasty). Until 2000, the worldwide scientific interest in this amber has just been triggered and hundreds papers have been published in the last decade, mostly on arthropods inclusions (Fig. 1). Most specimens came from the Hukawng Valley, Kachin State in northern Myanmar. The mining locality is at Noiye Bum, near Tanai Village (26°21'33.41"N, 96°43'11.88"E) (Cruickshank & Ko, 2003; Grimaldi *et al.*, 2002; Bai *et al.*, 2016). The deposits have been investigated and dated in detail by Cruickshank and Ko (2003) and Shi *et al.* (2012). We tentatively follow the age (98.8 ± 0.6 million years, Cenomanian, earliest Late Cretaceous) given by U-Pb dating of zircons from the volcanoclastic matrix of the amber (Shi *et al.*, 2012).

The taxonomic checklist of Burmite has been published by Ross *et al.* (2010) and updated in 2017 (Ross, 2017, online version). However, a catalogue with type specimens information and citations is still lacking till now. In this case, we prepared a catalogue contained the most information we can find from original papers. At the same time, it does not contain unpublished records or records from papers in press (including on-line proofs) or unsubstantiated on-line records. Till the end of 2016, 14 phyla, 21 classes, 65 Orders, 275 families, 515 genera and 643 species are recorded. Among them, 587 species of arthropods are known: Chelicerata Arachnida: Scorpione (22 species), Opiliones (3 species), Pseudoscorpiones (3 species), Solifugae (1 species), Palpigradi (1 species), Acari (Parasitiformes (4 species), Trombidiformes (1 species)), Ricinulei (2 species), Araneae (110 species), Thelyphonida (1 species); Myriapoda: Chilopoda (1 species), Diplopoda (1

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species); Hexapoda: Entognatha (Collembola (9 species), Poduromorpha (1 species), Symphypleona (4 species)); Insecta (Zygentoma (3 species), Ephemeroptera (3 species), Odonata (9 species), Blattaria (2 species), Alienoptera (1 species), Mantodea (4 species), Isoptera (11 species), Orthoptera (5 species), Phasmatodea (1 species), Dermaptera (6 species), Grylloblattodea (1 species), Embioptera (4 species), Zoraptera (4 species), SuperOrder Pancondylognatha (3 species), Psocodea (7 species), Thysanoptera (1 species), Hemiptera (52 species), Raphidioptera (5 species), Neuroptera (33 species), Coleoptera (60 species), Strepsiptera (3 species), Mecoptera (4 species), Megaloptera (1 species), Diptera (118 species), Trichoptera (6 species), Lepidoptera (1 species), Hymenoptera (73 species)).

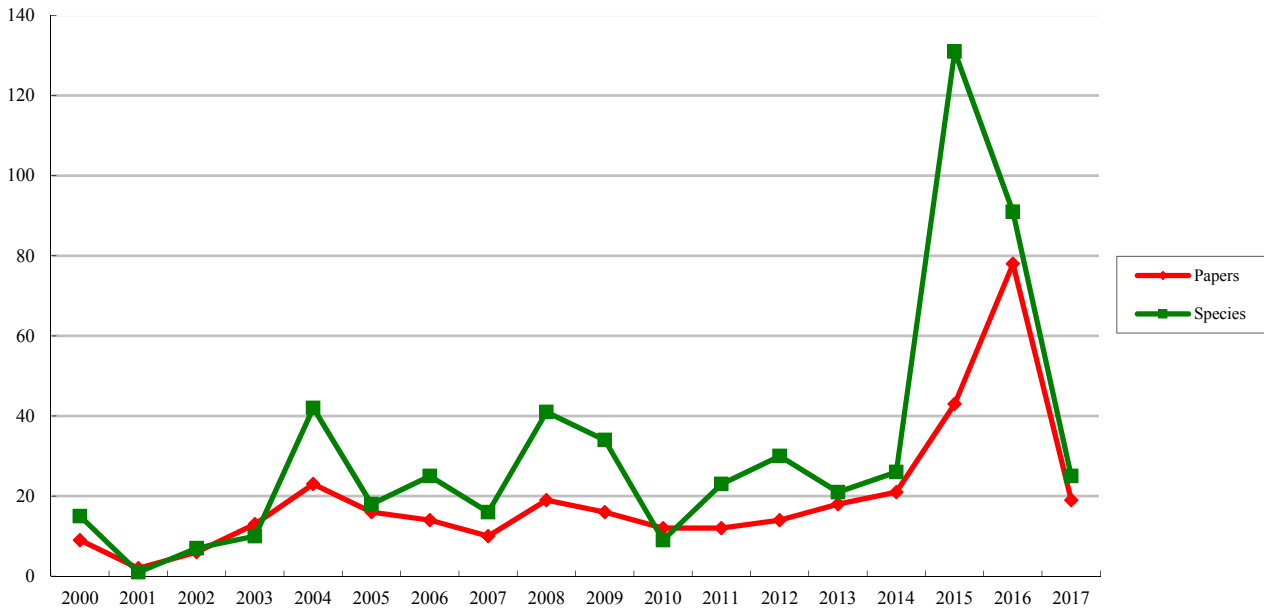


Figure 1. The variations of new species and papers published since 2000 based on Burmese amber (untill 28 February 2017).

In addition, a variety of other invertebrates, protists, plants, fungi and even rare vertebrate remains have been recorded. E.g. Protist: Proteobacteria (1 species); Apicomplexa (Conoidasida (1 species), Aconoidasida (1 species)), Metamonada (Parabasalida (3 species), Hypermastigea (4 species), Anaeromonadea (8 species)), Euglenozoa (3 species); Nematoda (7 species); Nematomorpha (1 species). Onychophora (1 species). Chordata (1 species). Fungi: (7 species). Plant: Bryophyta (7 species); Polypodiales (2 species); Angiospermae (Order *incertae sedis* (3 species), Laurales (2 species), Oxalidales (1 species), Cornales (1 species), Poales (2 species)).

Due to many reasons, many specimens can not be identified into species. However, these specimens may provide some information for us to understand the ancient environment. In this case, the specimens which can be identified into genera or higher taxa are also listed here. E.g. Nematoda: Mermithidae (*Cretacimermis* sp.). Acari: Ixodidae (*Amblyomma* sp.). Araneae: Praeterleptonetidae (*Autotomiana* sp.); Eopsilodercidae (*Eopsilodercus* sp.); Ochyroceratidae (*Leclercera* sp.); Tetrablemmidae (Tetrablemmidae gen. indet.) (Tetrablemmidae? gen. sp. indet.) (?*Bicornoculus* sp.); Oonopidae (*Orchestina* sp.); Plumorsolidae (?Plumorsolidae indet.) (?Plumorsolidae indet.) (*Burmorsolus* sp. indet.); Archaeidae (*Lacunauchenius* sp. indet.); Micropalpimanidae (*Micropalpimanus* sp. indet.); Lagonomegopidae (*Archaelagonops* sp. indet.); Oecobiidae (*Zamilia* sp. indet.); Dictynidae (?*Burmadictyna* sp.); Uloboridae (Uloboridae indet.) (?*Burmuloborus* sp. indet.) (*Paramiagrammopes* sp.); Dictynidae (*Dictynidae* sp. 1–5). Archaeognatha: (?*Macropsontus* sp.). Dermaptera: Anisolabididae (Nymph sp. 1); Family indet (Nymph sp. 2). Orthoptera: Elcanidae (*Burmelcana* sp.). Embioptera: Sorellembiidae (*Embiodea* sp. indet.). Coleoptera: Staphylinidae (*Kachinus* sp. indet.); Silphidae (*Nicrophorus* sp.). Diptera: Ceratopogonidae (*Protoculicoides* sp.) (*Atriculicoides* sp. indet.); Psychodidae (*Datzia* sp.) (*Bamara* sp.); Limoniidae (*Gonomyia* sp.) (*Helius* sp.); Phoridae (*Prioriphora* sp.); Hilarimorphidae (*Hilarimorphites* sp.); Hybotidae (*Alavesia* sp.) (?*Meghyperus* sp.). Trichoptera: Psychomyiidae (*Palerasnitsynus* sp.). Hymenoptera: Formicidae (*Camelomecia* sp.) (?*Camelomecia* sp.); Serphitidae (*Serphites* sp.); Sphecomyrmididae (*Baikuris* sp.). Plant: Lindsaeaceae (Lindsaeaceae gen. and sp. Indet).

Mesozoic amber preserved rare dinosaur remains, such as feather records from Canada (McKellar *et al.*, 2011). Burmese amber contains abundant and diverse vertebrate groups, primarily comprising isolated feathers (Grimaldi *et al.*, 2002; Nascimbene *et al.*, 2013, 2014; Thomas *et al.*, 2014), Lacertilia (Daza *et al.*, 2016) and enantiornithine birds (Xing *et*

*al.*, 2016). Specimens that are included in Burmese illustrations but not formally described yet also include frogs.

Isolated feathers may be common in Burmese amber and DIP has collected more than 120 such specimens (as of Aug, 2016). The samples in amber include diverse pennaceous, plumulaceous and semiplumulaceous feathers/feather portions (Nascimbene *et al.*, 2013). However, these feathers are not extensively studied. As features of living birds are quite complicated and diverse, research of the features preserved in Burmese amber is considerably difficult.

Two pieces of enantiornithine birds precocial hatchlings (DIP-V-15100 and DIP-V-15101) represent the first osteology, plumage and pterylosis of birds in amber and the first record of Cretaceous bird in Myanmar. This finding brings new detail to our understanding of infrequently preserved juveniles, including the first concrete examples of follicles, feather tracts and pteridia in Cretaceous avialans (Xing *et al.*, 2016).

Lacertilia is commonly seen in Burmese amber due to small size and scansorial nature, mainly including stem Gekkota, crown Lacertoidea, crown Agaminae and stem Chamaeleonidae (Daza *et al.*, 2016). Such rich records undoubtedly confirm diversity of Mid-Cretaceous Lacertilia in Myanmar, and plenty of detailed soft tissue remains such as skin and digit pads are valuable resources for morphological research of Mesozoic Lacertilia.

## 2 Materials and methods

Type specimens and other materials are deposited in the following institutions or collections:

AMNH—American Museum Natural History, Division of Invertebrate Zoology (Entomology);

CAS—California Academy of Sciences, San Francisco, USA;

CCN—The private collection of Chenyang Cai collection, Nanjing, China;

CEHI—Collection Ernst Heiss (EH), Tiroler Landesmuseum, Innsbruck, Austria;

CNU—the Key Lab of Insect Evolution and Environmental Changes, College of Life Sciences, Capital Normal University, Beijing, China;

DEI—The collection of Deniz Erin of Istanbul, Turkey;

EMTG—Three Gorges Entomological Museum, Chongqing, China (specimen available for study by contacting MB, XL or WZ);

FMNH—Field Museum of Natural History, Chicago, USA;

FXC—The private collection of Fangyuan Xia collection, Shanghai, China;

GDUR—Geological Department of the University of Rennes 1, France;

GPIH—Geologisch-Paläontologisches Institut und Museum der Universität Hamburg, Germany;

HAM—Huxuan Amber Museum, Jinan, China;

ICM—Insect Centre Moscow collection, Moscow, Russia;

ISEA—in the Institute of Systematics and Ecology of Animals, Novosibirsk, Russia;

IZAS—Institute of Zoology, Chinese Academy of Sciences, Beijing, China;

JWJ—The private collection of Jens-Wilhelm Janzen, Germany;

JZC—in James Zigras Collection, available for study through the American Museum of Natural History, New York, USA;

KUC—Housed in the Fossil Insect Collection, Division of Entomology, University of Kansas Natural History Museum, Lawrence, Kansas, USA;

LAMS—Lingpoge Amber Museum in Shanghai, China (specimen available for study by contacting BW or FX);

MAI—Museum of Amber Inclusions, University of Gdańsk, Poland;

MPC—Michel Perreau collection, Paris, France (provisionally housed in the collection of fossil insects, MNHN, Paris, France);

NHML—Department of Palaeontology, Natural History Museum, London, United Kingdom;

NIGP—Nanjing Institute of Geology and Palaeontology, Chinese Academy of Sciences, Nanjing, China;

NMS—National Museums Scotland collection, Edinburgh, Scotland, United Kingdom;

PACO—Collection George O. Poinar Jr., Oregon State University, Corvallis, USA;

PCGH—The private collection of Chialang Grand Huang, Edison, New Jersey, USA;

PCHF—The private collection of Helmut Fleissner, Bad Nauheim, Germany;

PCJV—The private collection of Jürgen Velten, Idstein, Germany;

PCJW—The private collection of Jörg Wunderlich, Hirschberg, Germany;

PCKB—The private collection of Mr. Klaus- Peter Brucksch, Kuranda, Australia;

PCMK—The private collection of Dr. Max Kobbert, Muenster, Germany;  
 PCPM—The private collection of Mr. Patrick Müller, Kåshofen, Germany;  
 PCRO—The private collection of Rainer Ohlhoff, Saarbrüchen, Germany;  
 PCSE—The private collection of Mr. Sieghard Ellenberger, Kassel, Germany;  
 PCXJ—personal collection of Xiao Jia (PCXJ), Kunming, China (specimens available for study by contacting XL or WZ);  
 PCWS—The private collection of Wolf-Peter Schwarz, Ulm, Germany;  
 PERC—Purdue Entomological Research Collection, West Lafayette, Indiana, USA;  
 PMJU—Phyletisches Museum, Jena University, Jena, Germany;  
 PMNH—Laboratoire de Paléontologie, Muséum National d’Histoire Naturelle, Paris, France;  
 RBAC—Ron Buckley amber collection, Florence, Kentucky, USA;  
 RSM—Royal Saskatchewan Museum, Regina, Canada;  
 SMF—The collections of the Senckenberg Museum, Frankfurt, Germany;  
 SMNS—State Museum of Natural History in Stuttgart, Germany;  
 SMRI—Senckenberg Museum and Research Institute, Frankfurt-am-Main, Germany;  
 UASM—Specimen donated by Mark Elasmuk UASM, University of Alberta Strickland Entomology Museum, Edmonton, Alberta, Canada.

### 3 Results

#### Phylum Proteobacteria Stackebrandt *et al.*, 1988

##### Class Alphaproteobacteria Garrity *et al.*, 2006

##### Order Rickettsiales Gieszczykiewicz, 1939

##### Family Rickettsiaceae Pinkerton, 1936

#### 3.1 Genus *Palaeorickettsia* Poinar, 2015

*Palaeorickettsia* Poinar, 2015: 624. Type species: *Palaeorickettsia protera* Poinar, 2015.

##### 1) *Palaeorickettsia protera* Poinar, 2015

*Palaeorickettsia protera* Poinar, 2015: 624.

Type specimen(s). H: accession #A-10-261 (CAS).

Host. *Cornupalpatum burmanicum* Poinar & Brown, 2003a (Ixodidae).

#### Phylum Apicomplexa Levine, 1970

##### Class Conoidasida Levine, 1988

##### Order Eugregarinorida Léger, 1900

##### Family *incertae sedis*

#### 3.2 Genus *Primigregarina* Poinar, 2010

*Primigregarina* Poinar, 2010b: 55. Type species: *Primigregarina burmanica* Poinar, 2010.

##### 2) *Primigregarina burmanica* Poinar, 2010

*Primigregarina burmanica* Poinar, 2010b: 55.

Type specimen(s). H: no. B-OR-1C (PACO).

Host. An early Cretaceous cockroach of undetermined Family status.

#### Class Aconoidasida Mehlhorn, Peters & Haberkorn, 1980

##### Order Haemospororida Danilewsky, 1885

##### Family Plasmodiidae Mesnil, 1903

### 3.3 Genus *Paleohaemoproteus* Poinar & Telford, 2005

*Paleohaemoproteus* Poinar & Telford, 2005: 80. Type species: *Paleohaemoproteus burmactis* Poinar & Telford, 2005.

#### 3) *Paleohaemoproteus burmactis* Poinar & Telford, 2005

*Paleohaemoproteus burmactis* Poinar & Telford, 2005: 80.

Type specimen(s). H: accession no. B-D-32 (PACO).

Host. An extinct species of biting midge, probably belonging to the Genus *Protoculicoides* (Ceratopogonidae: Diptera).

### Phylum Metamonada Grassé, 1952

#### Class Parabasalia Honigberg, 1973

#### Order Trichomonadida Kirby, 1947

#### Family Devescovinidae Doflein, 1911

### 3.4 Genus *Devescovites* Poinar, 2009

*Devescovites* Poinar, 2009b: 1068. Type species: *Devescovites proteus* Poinar, 2009.

#### 4) *Devescovites proteus* Poinar, 2009

*Devescovites proteus* Poinar, 2009b: 1068.

Type specimen(s). H: B-OR-1C (PACO).

Host. An early Cretaceous cockroach of undetermined family.

### 3.5 Genus *Foainites* Poinar, 2009

*Foainites* Poinar, 2009a: 5. Type species: *Foainites icelus* Poinar, 2009.

#### 5) *Foainites icelus* Poinar, 2009

*Foainites icelus* Poinar, 2009a: 6.

Type specimen(s). H: Specimen accession # B-I-2 (PACO).

Host. *Kachinitermopsis burmensis* (Poinar, 2009) (Isoptera: Kalotermitidae).

#### Family *incertae sedis*

### 3.6 Genus *Paleotrichomones* Poinar, 2009

*Paleotrichomones* Poinar, 2009b: 1068. Type species: *Paleotrichomones burmanicus* Poinar, 2009.

#### 6) *Paleotrichomones burmanicus* Poinar, 2009

*Paleotrichomones burmanicus* Poinar, 2009b: 1068.

Type specimen(s). H: B-OR-1C (PACO).

Host. An early Cretaceous cockroach of undetermined Family status.

#### Class Hypermastigea Margulis, 1974

#### Order Spirotrichonymphida Grassé, 1952

#### Family Holomastigotidae Grassi, 1892

### 3.7 Genus *Spiromastigites* Poinar, 2009

*Spiromastigites* Poinar, 2009a: 7. Type species: *Spiromastigites acanthodes* Poinar, 2009.

#### 7) *Spiromastigites acanthodes* Poinar, 2009

*Spiromastigites acanthodes* Poinar, 2009a: 7.

Type specimen(s). H: Specimen B-I-2(PACO).  
Host. *Kachinitermopsis burmensis* (Poinar, 2009) (Isoptera: Kalotermitidae).

**Order Trichonymphida Poche, 1913**  
**Family Trichonymphidae Kent, 1880**

**3.8 Genus *Trichonymphites* Poinar, 2009**

*Trichonymphites* Poinar, 2009a: 7. Type species: *Trichonymphites henis* Poinar, 2009.

**8) *Trichonymphites henis* Poinar, 2009**

*Trichonymphites henis* Poinar, 2009a: 8.

Type specimen(s). H: Specimen B-I-2(PACO).  
Host. *Kachinitermopsis burmensis* (Poinar, 2009) (Isoptera: Kalotermitidae).

**Family Teranymphidae Koidzumi, 1917**

**3.9 Genus *Teranymphites* Poinar, 2009**

*Teranymphites* Poinar, 2009a: 8. Type species: *Teranymphites rhabdotis* Poinar, 2009.

**9) *Teranymphites rhabdotis* Poinar, 2009**

*Teranymphites rhabdotis* Poinar, 2009a: 8.

Type specimen(s). H: Specimen B-I-2 (PACO).  
Host. *Kachinitermopsis burmensis* (Poinar, 2009) (Isoptera: Kalotermitidae).

**Family Burmanymphidae Poinar, 2009**

**3.10 Genus *Burmanymphus* Poinar, 2009**

*Burmanymphus* Poinar, 2009b: 1068. Type species: *Burmanymphus cretacea* Poinar, 2009.

**10) *Burmanymphus cretacea* Poinar, 2009**

*Burmanymphus cretacea* Poinar, 2009b: 1068.

Type specimen(s). H: accession # B-OR-1D (PACO).  
Host. An early Cretaceous cockroach of the family Blattellidae.

**Class Anaeromonadea Cavalier-Smith, 1996**

**Order Oxymonadida Grassé, 1952**

**Family Oxymonadidae Kirby, 1928**

**3.11 Genus *Microrhopalodites* Poinar, 2009**

*Microrhopalodites* Poinar, 2009a: 9. Type species: *Microrhopalodites polynucleatis* Poinar, 2009.

**11) *Microrhopalodites polynucleatis* Poinar, 2009**

*Microrhopalodites polynucleatis* Poinar, 2009a: 9.

Type specimen(s). H: Specimen B-I-2 (PACO).  
Host. *Kachinitermopsis burmensis* (Poinar, 2009) (Isoptera: Kalotermitidae).

**3.12 Genus *Oxymonas* Janicki, 1915**

*Oxymonas* Janicki, 1915. Type species: *Oxymonas granulosa* Janicki, 1915.

**12) *Oxymonas protus* Poinar, 2009**

*Oxymonas protus* Poinar, 2009a: 8.

Type specimen(s). H: Specimen B-I-2 (PACO).

Host. *Kachinitermopsis burmensis* (Poinar, 2009) (Isoptera: Kalotermitidae).

**13) *Oxymonas gigantea* Poinar, 2009**

*Oxymonas gigantea* Poinar, 2009b: 1069.

Type specimen(s). H: accession # B-OR-1D (PACO).

Host. An early Cretaceous cockroach of the family Blattellidae.

**3.13 Genus *Oxymonites* Poinar, 2009**

*Oxymonites* Poinar, 2009a: 9. Type species: *Oxymonites gerus* Poinar, 2009.

**14) *Oxymonites gerus* Poinar, 2009**

*Oxymonites gerus* Poinar, 2009a: 9.

Type specimen(s). H: Specimen B-I-2 (PACO).

Host. *Kachinitermopsis burmensis* (Poinar, 2009) (Isoptera: Kalotermitidae).

**3.14 Genus *Sauromonites* Poinar, 2009**

*Sauromonites* Poinar, 2009a: 10. Type species: *Sauromonites katatonis* Poinar, 2009.

**15) *Sauromonites katatonis* Poinar, 2009**

*Sauromonites katatonis* Poinar, 2009a: 10.

Type specimen(s). H: Specimen B-I-2 (PACO).

Host. *Kachinitermopsis burmensis* (Poinar, 2009) (Isoptera: Kalotermitidae).

**Family Pyrsonymphidae Grassi, 1892****3.15 Genus *Dinenymphites* Poinar, 2009**

*Dinenymphites* Poinar, 2009a: 10. Type species: *Dinenymphites spiris* Poinar, 2009.

**16) *Dinenymphites spiris* Poinar, 2009**

*Dinenymphites spiris* Poinar, 2009a: 10.

Type specimen(s). H: Specimen B-I-2 (PACO).

Host. *Kachinitermopsis burmensis* (Poinar, 2009) (Isoptera: Kalotermitidae).

**3.16 Genus *Endamoebites* Poinar, 2009**

*Endamoebites* Poinar, 2009a: 11. Type species: *Endamoebites proterus* Poinar, 2009.

**17) *Endamoebites proterus* Poinar, 2009**

*Endamoebites proterus* Poinar, 2009a: 11.

Type specimen(s). H: Specimen B-I-2 (PACO).

Host. *Kachinitermopsis burmensis* (Poinar, 2009) (Isoptera: Kalotermitidae).

**3.17 Genus *Pyrsonymphites* Poinar, 2009**

*Pyrsonymphites* Poinar, 2009a: 11. Type species: *Pyrsonymphites cordylinis* Poinar, 2009.

**18) *Pyrsonymphites cordylinis* Poinar, 2009**

*Pyrrsonymphites cordylinis* Poinar, 2009a: 11.

Type specimen(s). H: Specimen B-I-2 (PACO).

Host. *Kachinitermopsis burmensis* (Poinar, 2009) (Isoptera: Kalotermitidae).

**Phylum Euglenozoa Cavalier-Smith, 1981**

**Class Mesomycetozoea Ajello & Mendoza, 2000**

**Order Eccrinales Léger & Dubosq, 1929**

**Family Eccrinaceae Kirk, Cannon & David, 2001**

**3.18 Genus *Paleocadus* Poinar, 2016**

*Paleocadus* Poinar, 2016b: 1538. Type species: *Paleocadus burmiticus* Poinar, 2016.

**19) *Paleocadus burmiticus* Poinar, 2016**

*Paleocadus burmiticus* Poinar, 2016b: 1538.

Type specimen(s). H: No. B-Hy-19B (PACO).

Host. Wingless adult female ceraphronoid wasp (Hymenoptera: Ceraphronoidea).

**Class Kinetoplastea Honigberg, 1963**

**Order Kinetoplastida Honigberg, 1963**

**Family Trypanosomatidae Dolfein, 1901**

**3.19 Genus *Paleoleishmania* Poinar & Poinar, 2004**

*Paleoleishmania* Poinar & Poinar, 2004: 307. Type species: *Paleoleishmania proterus* Poinar & Poinar, 2004.

**20) *Paleoleishmania proterus* Poinar & Poinar, 2004**

*Paleoleishmania proterus* Poinar & Poinar, 2004: 307.

Type specimen(s). H: # B-D-16 (PACO).

Host. *Palaeomyia burmitis*, Poinar 2004 (Diptera: Psychodidae). The vertebrate host is unknown at this time.

**3.20 Genus *Paleotrypanosoma* Poinar, 2008**

*Paleotrypanosoma* Poinar, 2008a: 469. Type species: *Paleotrypanosoma burmanicus* Poinar, 2008.

**21) *Paleotrypanosoma burmanicus* Poinar, 2008**

*Paleotrypanosoma burmanicus* Poinar, 2008a: 469.

Type specimen(s). H: B-D-47b (PACO).

Host. *Leptoconops nosopheris* Poinar, 2008 (Diptera: Ceratopogonidae) in Burmese amber; vertebrate host unknown

**Phylum Nematoda Diesing, 1861**

**Subclass Dorylaimia Inglis, 1983**

**Order Mermithida Hyman, 1951**

**Superfamily Mermithoidea Braun, 1883**

**Family Mermithidae Braun, 1883**

**3.21 Genus *Cretacimermis* Poinar, 2001**

*Cretacimermis* Poinar, 2001. Type species: *Cretacimermis libani* (Poinar, Acra & Acra, 1994).

**22) *Cretacimermis chironomae* Poinar, 2011**

*Cretacimermis chironomae* Poinar, 2011a: 268.

Type specimen(s). H: no. Bu-320 (AMNH).



Host. An adult Chironomidae (Diptera).

**23) *Cretacimermis protus* Poinar & Buckley, 2006**

*Cretacimermis protus* Poinar & Buckley, 2006: 37.

Type specimen(s). H: Specimen number not assigned, Molting post-parasitic juvenile (RBAC).

Host. A member of the family Ceratopogonidae (Diptera).

**Order Rhabditida Chitwood, 1933**

**Suborder Spirurina Railliet & Henry, 1915**

**Infraorder Oxyuridomorpha De Ley & Blaxter, 2002**

**Superfamily Thelastomatoidea Travassos, 1929**

**Family Thelastomatidae Travassos, 1929**

**3.22 Genus *Paleothelastoma* Poinar, 2011**

*Paleothelastoma* Poinar 2011a: 280. Type species: *Paleothelastoma tipulae* Poinar, 2011.

**24) *Paleothelastoma tipulae* Poinar, 2011**

*Paleothelastoma tipulae* Poinar, 2011a: 280.

Type specimen(s). H: no.B-N-4 (PACO).

Host. An adult female of the Genus *Gonomyia* Meigen, 1818 (Diptera: Limoniidae). The larvae develop in sandy or rich organic soil near water sources and feed on detritus.

**Infraorder Ascaridomorpha De Ley & Baxter, 2002**

**Superfamily Cosmocercoidea Travassos, 1925**

**Family Cosmocercidae Travassos, 1925**

**3.23 Genus *Palaeocosmocerca* Poinar, 2011**

*Palaeocosmocerca* Poinar, 2011a: 287. Type species: *Palaeocosmocerca burmanica* Poinar, 2011.

**25) *Palaeocosmocerca burmanica* Poinar, 2011**

*Palaeocosmocerca burmanica* Poinar, 2011a: 287.

Type specimen(s). H: no. B-N-6 (PACO).

Host. An arboreal juvenile snail of the family Punctidae.

**Suborder Tylenchina Thorne, 1949**

**Infraorder Tylenchomorpha De Ley & Blaxter, 2002**

**Superfamily Aphelenchoidea Fuchs, 1937**

**Family Aphelenchoididae Skarbilovich, 1947**

**3.24 Genus *Cretaciaphelenchoides* Poinar, 2011**

*Cretaciaphelenchoides* Poinar, 2011a: 292. Type species: *Cretaciaphelenchoides burmensis* Poinar, 2011.

**26) *Cretaciaphelenchoides burmensis* Poinar, 2011**

*Cretaciaphelenchoides burmensis* Poinar, 2011a: 293.

Type specimen(s). H: no. B-N-7 (PACO).

Host. Unidentified fungus with extensive mycelium and spores.

**Suborder Rhabditina Chitwood, 1933**

**Infraorder Rhabditomorpha De Ley & Blaxter, 2002**

**Superfamily Diplogastroidea Micoletzky, 1922**

**3.25 Genus *Cretodiplogaster* Poinar, 2011**

*Cretodiplogaster* Poinar, 2011a: 318. Type species: *Cretodiplogaster termitophilus* Poinar, 2011.

**27) *Cretodiplogaster termitophilus* Poinar, 2011**

*Cretodiplogaster termitophilus* Poinar, 2011a: 318.

Type specimen(s). H: no. B-N-5 (PACO).

Host. *Kachinitermopsis burmensis* (Poinar, 2009) (Isoptera: Kalotermitidae).

**Superfamily Heterorhabditoidea Hodda, 2011**

**Family Heterorhabditidae Poinar, 1975**

**3.26 Genus *Proheterorhabditis* Poinar, 2011**

*Proheterorhabditis* Poinar, 2011a: 347. Type species: *Proheterorhabditis burmanicus* Poinar, 2011.

**28) *Proheterorhabditis burmanicus* Poinar, 2011**

*Proheterorhabditis burmanicus* Poinar, 2011a: 348.

Type specimen(s). H: no. B-N-8 (PACO).

**Phylum Nematomorpha Vejdovsky, 1886**

**Superfamily Gordioidea Rauther, 1930**

**Family Chordodidae May, 1919**

**3.27 Genus *Cretachordodes* Poinar & Buckley, 2006**

*Cretachordodes* Poinar & Buckley, 2006: 37. Type species: *Cretachordodes burmitis* Poinar & Buckley, 2006.

**29) *Cretachordodes burmitis* Poinar & Buckley, 2006**

*Cretachordodes burmitis* Poinar & Buckley, 2006: 38.

Type specimen(s). Syntype: 5 type specimens, specimen number not assigned (RBAC).

**Phylum Arthropoda von Siebold, 1848**

**Subphylum Chelicerata Heymons, 1901**

**Class Arachnida Lamarck, 1801**

**Order Scorpione SKoch, 1850**

**Superfamily Buthoidea Koch, 1837**

**Family Buthidae Koch, 1837**

**3.28 Genus *Archaeoananteroides* Lourenço, 2016**

*Archaeoananteroides* Lourenço, 2016: 3. Type species: *Archaeoananteroides maderai* Lourenço, 2016.

**30) *Archaeoananteroides maderai* Lourenço, 2016**

*Archaeoananteroides maderai* Lourenço, 2016: 4.

Type specimen(s). Unknown.

**Family Palaeoburmesebuthidae Lourenço, 2016**

**3.29 Genus *Betaburmesebuthus* Lourenço, 2015**

*Betaburmesebuthus* Lourenço, 2015d: 28. Type species: *Betaburmesebuthus kobberti* Lourenço & Beigel, 2015.

**31) *Betaburmesebuthus bellus* Lourenço, 2016***Betaburmesebuthus bellus* Lourenço, 2016b: 79.

Type specimen(s). H (?♂): a juvenile (GPIH).

**32) *Betaburmesebuthus bidentatus* Lourenço, 2015***Betaburmesebuthus bidentatus* Lourenço, 2015d: 31.

Type specimen(s). H (♂): a pre-adult (PCPM).

**33) *Betaburmesebuthus fleissneri* Lourenço, 2016***Betaburmesebuthus fleissneri* Lourenço, 2016c: 5.

Type specimen(s). H (♂): a possible juvenile (PCHF).

**34) *Betaburmesebuthus kobberti* Lourenço & Beigel, 2015***Betaburmesebuthus kobberti* Lourenço & Beigel, 2015: 478.

Type specimen(s). H (♂): a juvenile (PCMK).

**35) *Betaburmesebuthus muelleri* Lourenço, 2015***Betaburmesebuthus muelleri* Lourenço, 2015d: 28.

Type specimen(s). H (♂): juvenile (PCPM).

**3.30 Genus *Palaeoburmesebuthus* Lourenço, 2002***Palaeoburmesebuthus* Lourenço, 2002a: 99. Type species: *Palaeoburmesebuthus grimaldii* Lourenço, 2002.**36) *Palaeoburmesebuthus grimaldii* Lourenço, 2002**

unidentified scorpion: Ross, 1998: 36.

unidentified scorpion: Ross &amp; York, 2000: 14.

unidentified scorpion: Rasnitsyn &amp; Ross, 2000: 24.

unidentified scorpion: Grimaldi *et al.*, 2002.*Palaeoburmesebuthus grimaldii* Lourenço, 2002a: 99.

Type specimen(s). H: AMNH Bu-710 (AMNH).

Additional materials. NHML In. 20174 (NHML).

**37) *Palaeoburmesebuthus ohlhoffi* Lourenço, 2015***Palaeoburmesebuthus ohlhoffi* Lourenço, 2015c: 469.

Type specimen(s). H: juvenile (PCRO)

**Family Chaerilobuthidae Lourenço & Beigel, 2011****3.31 Genus *Chaerilobuthus* Lourenço & Beigel, 2011***Chaerilobuthus* Lourenço & Beigel, 2011: 636. Type species: *Chaerilobuthus complexus* Lourenço & Beigel, 2011.**38) *Chaerilobuthus birmanicus* Lourenço, 2015***Chaerilobuthus birmanicus* Lourenço, 2015c: 469.

Type specimen(s). H (?♀): no. 2471/BU/CJW a juvenile (PCJW) .

**39) *Chaerilobuthus bruckschi* Lourenço, 2015***Chaerilobuthus bruckschi* Lourenço, 2015c: 470.

Type specimen(s). H (?♂): a juvenile (PCKB).

**40) *Chaerilobuthus complexus* Lourenço & Beigel, 2011**

*Chaerilobuthus complexus* Lourenço & Beigel, 2011: 636.

Type specimen(s). H (?♀): juvenile (SMF).

**41) *Chaerilobuthus enigmaticus* Lourenço, 2015**

*Chaerilobuthus enigmaticus* Lourenço, 2015b: 45

Type specimen(s). H (♀): probably a juvenile (PCPM).

**42) *Chaerilobuthus gigantosternum* Lourenço, 2016**

*Chaerilobuthus gigantosternum* Lourenço, 2016a: 68.

Type specimen(s). H (?♀): 11037-1 GPIH 4566 a juvenile (GPIH).

**43) *Chaerilobuthus longiaculeus* Lourenço, 2013**

*Chaerilobuthus longiaculeus* Lourenço, 2013: 2.

Type specimen(s). H: probably parts of a juvenile's exuvia (SMF).

**44) *Chaerilobuthus serratus* Lourenço & Beigel, 2016**

*Chaerilobuthus serratus* Lourenço & Beigel, 2016: 72.

Type specimen(s). H (?♂): 11037-2 GPIH 4567 a juvenile (GPIH) .

**45) *Chaerilobuthus schwarzi* Lourenço & Beigel, 2015**

*Chaerilobuthus schwarzi* Lourenço & Beigel, 2015: 5.

Type specimen(s). H (♂): probably a juvenile (PCWS).

**Family Palaeotrilineatidae Lourenço, 2012**

**3.32 Genus *Palaeotrilineatus* Lourenço, 2012**

*Palaeotrilineatus* Lourenço, 2012: 78. Type species: *Palaeotrilineatus ellenbergeri* Lourenço, 2012.

**46) *Palaeotrilineatus ellenbergeri* Lourenço, 2012**

*Palaeotrilineatus ellenbergeri* Lourenço, 2012: 78.

Type specimen(s). H (♂): Specimen number not assigned (PCSE).

**Family Sucinlourencoidae Rossi, 2015**

**3.33 Genus *Sucinlourencous* Rossi, 2015**

*Sucinlourencous* Rossi, 2015: 3. Type species: *Sucinlourencous adrianae* Rossi, 2015.

**47) *Sucinlourencous adrianae* Rossi, 2015**

*Sucinlourencous adrianae* Rossi, 2015: 6.

Type specimen(s). Unknown.

**Superfamily Chactoidea Pocock, 1893**

**Family Palaeoescorpiidae Lourenço, 2003**

**Subfamily Archaeoscorpipinae Lourenço, 2015**

**3.34 Genus *Archaeoscorpions* Lourenço, 2015**

*Archaeoscorpions* Lourenço, 2015a: 459. Type species: *Archaeoscorpions cretacicus* Lourenço, 2015.

**48) *Archaeoscorpions cretacicus* Lourenço, 2015**

*Archaeoscorpions cretacicus* Lourenço, 2015a: 460.

Type specimen(s). H: F2380/BU/CJW (SMF).

**Subfamily Archaeoscorpioninae Lourenço, 2015****3.35 Genus *Burmesescorpions* Lourenço, 2016**

*Burmesescorpions* Lourenço, 2016a: 67. Type species: *Burmesescorpions groehni* Lourenço, 2016.

**49) *Burmesescorpions groehni* Lourenço, 2016**

*Burmesescorpions groehni* Lourenço, 2016a: 68.

Type specimen(s). H (?♀): 11038-2 GPIH 4564, possibly a juvenile (GPIH).

**Family Chaerilidae Pocock, 1893****Subfamily Electrochaerilinae Santiago-Blay, Fet, Soleglad & Anderson, 2004****3.36 Genus *Electrochaerilus* Santiago-Blay, Fet, Soleglad & Anderson, 2004**

*Electrochaerilus* Santiago-Blay, Fet, Soleglad & Anderson, 2004a: 4. Type species: *Electrochaerilus buckleyi* Santiago-Blay, Fet, Soleglad & Anderson, 2004.

**50) *Electrochaerilus buckleyi* Santiago-Blay, Fet, Soleglad & Anderson, 2004**

*Electrochaerilus buckleyi* Santiago-Blay, Fet, Soleglad & Anderson, 2004a: 4.

Type specimen(s). H (♀): Specimen number not assigned (RBAC).

**Order Opiliones Sundevall, 1833****Suborder Cyphophthalmi Simon, 1879****Family Sironidae Simon, 1879****3.37 Genus *Palaeosiro* Poinar, 2008**

*Palaeosiro* Poinar, 2008b: 268. Type species: *Palaeosiro burmanicum* Poinar, 2008.

**51) *Palaeosiro burmanicum* Poinar, 2008**

*Palaeosiro burmanicum* Poinar, 2008b: 269.

Type specimen(s). H (♀): # B-1-17 (PACO).

**Suborder Dyspnoi Hansen & Sørensen, 1904****Superfamily Troguloidea Sundevall, 1833****Family Halithersidae Dunlop, Selden & Giribet, 2016****3.38 Genus *Halitherses* Giribet & Dunlop, 2005**

*Halitherses* Giribet & Dunlop, 2005: 1010. Type species: *Halitherses grimaldii* Giribet & Dunlop, 2005.

**52) *Halitherses grimaldii* Giribet & Dunlop, 2005**

*Halitherses grimaldii* Giribet & Dunlop, 2005: 1010.

Type specimen(s). H (♂): AMNH Bu-1583a. P (♂): AMNH Bu-1583b (AMNH).

Additional materials. F2840/BU/CJW (SMF).

**Suborder Laniatores Thorell, 1876**  
**Infraorder Grassatores Kury, 2002**  
**Superfamily Epedanoidea Sørensen, 1886**  
**Family Epedanidae Sørensen, 1886**

**3.39 Genus *Petrobunoides* Selden *et al.*, 2016**

*Petrobunoides* Selden *et al.*, 2016a: 210. Type species: *Petrobunoides sharmai* Selden *et al.*, 2016.

**53) *Petrobunoides sharmai* Selden *et al.*, 2016**

*Petrobunoides sharmai* Selden *et al.*, 2016a: 210.

Type specimen(s). H: BU-002036 (EMTG).

**Order Pseudoscorpiones Haeckel, 1866**  
**Superfamily Feaelloidea Ellingsen, 1906**  
**Family Feaellidae Ellingsen, 1906**

**3.40 Genus *Protofeaella* Henderickx, 2016**

*Protofeaella* Henderickx, 2016: 8. Type species: *Protofeaella peetersae* Henderickx, 2016.

**54) *Protofeaella peetersae* Henderickx, 2016**

*Protofeaella peetersae* Henderickx, 2016: 8.

Type specimen(s). H: NHMII 3115 (NHML).

**Superfamily Cheiridioidea Hansen, 1894**  
**Family Cheiridiidae Hansen, 1894**

**3.41 Genus *Electrobisium* Cockerell, 1917**

*Electrobisium* Cockerell, 1917a: 360. Type species: *Electrobisium acutum* Cockerell, 1917.

**55) *Electrobisium acutum* Cockerell, 1917**

*Electrobisium acutum* Cockerell, 1917a: 360.

Type specimen(s). H: NHML In.19118 (NHML).

**Superfamily Garypoidea Simon, 1879**  
**Family Garypinidae Simon, 1879**  
**Subfamily Garypinidae Daday, 1888**

**3.42 Genus *Amblyolpium* Simon, 1898**

*Amblyolpium* Simon, 1898: 3. Type species: *Amblyolpium dollfus* Simon, 1898.

**56) *Amblyolpium burmiticum* (Cockerell, 1920)**

*Garypus burmiticus* Cockerell, 1920b: 274.

*Amblyolpium burmiticum*: Judson, 1997: 12.

Type specimen(s). H: NHML In.20149 (NHML).

**Order Solifugae Sundevall, 1833**  
**Family *incertae sedis***

**3.43 Genus *Cushingia* Dunlop, Bird, Brookhart & Bechly, 2015**

*Cushingia* Dunlop, Bird, Brookhart & Bechly, 2015: 269. Type species: *Cushingia ellenbergeri* Dunlop, Bird, Brookhart & Bechly, 2015.

**57) *Cushingia ellenbergeri* Dunlop, Bird, Brookhart & Bechly, 2015**

*Cushingia ellenbergeri* Dunlop, Bird, Brookhart & Bechly, 2015: 270.

Type specimen(s). H (♂): SMNS Bu-161 (SMNS).

**Order Palpigradi Thorell, 1888**

**Family Eukoeneniidae Petrunkevitch, 1955**

**3.44 Genus *Electrokoenenia* Engel & Huang, 2016**

*Electrokoenenia* Engel & Huang, 2016c: 18. Type species: *Electrokoenenia yaksha* Engel & Huang, 2016.

**58) *Electrokoenenia yaksha* Engel & Huang, 2016**

*Electrokoenenia yaksha* Engel & Huang, 2016c: 18.

Type specimen(s). H (?♀): NIGP 163253 (NIGP).

**Order Parasitiformes Reuter, 1909**

**Suborder Opilioacarida Zachvatkin, 1952**

**Superfamily Opilioacarodea Vitzthum, 1931**

**Family Opilioacaridae With, 1904**

**3.45 Genus ?*Opilioacarus* With, 1902**

?*Opilioacarus* With, 1902: 4. Type species: *Opilioacarus segmentatus* With, 1902.

**59) ?*Opilioacarus groehni* Dunlop & Bernardi, 2014**

?*Opilioacarus groehni* Dunlop & Bernardi, 2014: 760.

Type specimen(s). H: GPIH no. 4549 (GPIH).

**Superfamily Ixodida Leach, 1815**

**Family Ixodidae Murray, 1877**

**3.46 Genus *Compluriscutula* Poinar & Buckley, 2008**

*Compluriscutula* Poinar & Buckley, 2008b: 446. Type species: *Compluriscutula vetulum* Poinar & Buckley, 2008.

**60) *Compluriscutula vetulum* Poinar & Buckley, 2008**

*Compluriscutula vetulum* Poinar & Buckley, 2008b: 446.

Type specimen(s). H: Specimen number not assigned (RBAC).

**3.47 Genus *Cornupalpatum* Poinar & Brown, 2003**

*Cornupalpatum* Poinar & Brown, 2003a: 199. Type species: *Cornupalpatum burmanicum* Poinar & Brown, 2003.

**61) *Cornupalpatum burmanicum* Poinar & Brown, 2003**

*Cornupalpatum burmanicum* Poinar & Brown, 2003a: 200.

Type specimen(s). H: larva A-10- 260 (CAS).

Additional materials. A-10-261, a second unengorged ixodid tick larva from the same Burmese deposits (CAS).

**Family Cheyletidae Leach, 1815**

**3.48 Genus *Cheyletus* Latreille, 1796**

*Cheyletus* Latreille, 1796: 179. Type species: *Cheyletus eruditus* (Schrank, 1781).

**62) *Cheyletus burmiticus* Cockerell, 1917**

*Cheyletus burmiticus* Cockerell, 1917b: 41.

Type specimen(s). H: NHML In.19115 (NHML).

**Order Trombidiformes Reuter, 1909**

**Superfamily Pyemotoidea Oudemans, 1937**

**Family Resinacaridae Mahunka, 1975**

**3.49 Genus *Protoresinacarus* Khaustov & Poinar, 2010**

*Protoresinacarus* Khaustov & Poinar, 2010: 219. Type species: *Protoresinacarus brevipedis*, 2010.

**63) *Protoresinacarus brevipedis* Khaustov & Poinar 2010**

*Protoresinacarus brevipedis* Khaustov & Poinar, 2010: 220.

Type specimen(s). H (♂): accession # E-14 (KUC). P (?): accession # E-14 (KUC).

**Order Ricinulei Thorell, 1876**

**Suborder Primoricinulei Wunderlich, 2015**

**Family Primoricinuleidae Wunderlich, 2015**

**3.50 Genus *Primoricinuleus* Wunderlich, 2015**

*Primoricinuleus* Wunderlich, 2015b: 418. Type species: *Primoricinuleus pugio* Wunderlich, 2015.

**64) *Primoricinuleus pugio* Wunderlich, 2015**

*Primoricinuleus pugio* Wunderlich, 2015b: 418.

Type specimen(s). Unknown.

**Suborder Palaeoricinulei Selden, 1992**

**Family Poliocheridae Scudder, 1884**

**3.51 Genus *Poliochera* Scudder, 1884**

*Poliochera* Scudder, 1884: 16. Type species: *Poliochera punctulata* Scudder, 1884.

**65) *Poliochera? cretacea* Wunderlich, 2012**

*Poliochera? cretacea* Wunderlich, 2012a: 239.

Type specimen(s). H: F2336/BU/CJW (PCJW).

**Order Araneae Clerck, 1757**

**Suborder Mesothelae**

**Family Liphistiidae Pocock, 1892**

**3.52 Genus *Cretaceothele* Wunderlich, 2015**

*Cretaceothele* Wunderlich, 2015a: 101. Type species: *Cretaceothele lata* Wunderlich, 2015.

**66) *Cretaceothele lata* Wunderlich, 2015**

*Cretaceothele lata* Wunderlich, 2015a: 102.

Type specimen(s). Unknown.



**Suborder Mygalomorphae**  
**Family Dipluridae Simon, 1889**

**3.53 Genus *Phyxioschemoides* Wunderlich, 2015**

*Phyxioschemoides* Wunderlich, 2015a: 104. Type species: *Phyxioschemoides collembola* Wunderlich, 2015.

**67) *Phyxioschemoides collembola* Wunderlich, 2015**

*Phyxioschemoides collembola* Wunderlich, 2015a: 105.

Type specimen(s). Unknown.

**Family Fossilcalcaridae Wunderlich, 2015**

**3.54 Genus *Fossilcalcar* Wunderlich, 2015**

*Fossilcalcar* Wunderlich, 2015a: 108. Type species: *Fossilcalcar praeteritus* Wunderlich, 2015.

**68) *Fossilcalcar praeteritus* Wunderlich, 2015**

*Fossilcalcar praeteritus* Wunderlich, 2015a: 108.

Type specimen(s). Unknown.

**Family Praeterleptonetidae Wunderlich, 2008**

**3.55 Genus *Palaeohygropoda* Penney, 2004**

*Palaeohygropoda* Penney, 2004: 142. Type species: *Palaeohygropoda myanmarensis* Penney, 2004.

**69) *Palaeohygropoda myanmarensis* Penney, 2004**

*Palaeohygropoda myanmarensis* Penney, 2004: 142.

Type specimen(s). H: NHM In. 19132(1) (NHML).

**3.56 Genus *Praeterleptoneta* Wunderlich, 2008**

*Praeterleptoneta* Wunderlich, 2008b: 588. Type species: *Praeterleptoneta spinipes* Wunderlich, 2008.

**70) *Praeterleptoneta spinipes* Wunderlich, 2008**

*Praeterleptoneta spinipes* Wunderlich, 2008b: 588.

Type specimen(s). H: F1836/BU/AR/CJW (PCJW).

**3.57 Genus *Autotomiana* Wunderlich, 2015**

*Autotomiana* Wunderlich, 2015a: 178. Type species: *Autotomiana hirsutipes* Wunderlich, 2015.

**71) *Autotomiana hirsutipes* Wunderlich, 2015**

*Autotomiana hirsutipes* Wunderlich, 2015a: 179.

Type specimen(s). Unknown.

**3.58 Genus *Biapophysys* Wunderlich, 2015**

*Biapophysys* Wunderlich, 2015a: 182. Type species: *Biapophysys beate* Wunderlich, 2015.

**72) *Biapophysys beate* Wunderlich, 2015**

*Biapophysys beate* Wunderlich, 2015a: 182.

Type specimen(s). Unknown.

**3.59 Genus *Crassitibia* Wunderlich, 2015**

*Crassitibia* Wunderlich, 2015a: 185. Type species: *Crassitibia longispina* Wunderlich, 2015.

**73) *Crassitibia longispina* Wunderlich, 2015**

*Crassitibia longispina* Wunderlich, 2015a: 185.

Type specimen(s). Unknown.

**74) *Crassitibia tenuimana* Wunderlich, 2015**

*Crassitibia tenuimana* Wunderlich, 2015a: 186.

Type specimen(s). Unknown.

**3.60 Genus *Curvitibia* Wunderlich, 2015**

*Curvitibia* Wunderlich, 2015a: 187. Type species: *Curvitibia curima* Wunderlich, 2015.

**75) *Curvitibia curima* Wunderlich, 2015**

*Curvitibia curima* Wunderlich, 2015a: 188.

Type specimen(s). Unknown.

**3.61 Genus *Groehnianus* Wunderlich, 2015**

*Groehnianus* Wunderlich, 2015a: 189. Type species: *Groehnianus burmensis* Wunderlich, 2015.

**76) *Groehnianus burmensis* Wunderlich, 2015**

*Groehnianus burmensis* Wunderlich, 2015a: 189.

Type specimen(s). Unknown.

**3.62 Genus *Hypotheridiosoma* Wunderlich, 2012**

*Hypotheridiosoma* Wunderlich, 2012b: 215. Type species: *Hypotheridiosoma paracymbium* Wunderlich, 2012.

**77) *Hypotheridiosoma falcata* Wunderlich, 2015**

*Hypotheridiosoma falcata* Wunderlich, 2015a: 191.

Type specimen(s). Unknown.

**78) *Hypotheridiosoma paracymbium* Wunderlich, 2012**

*Hypotheridiosoma paracymbium* Wunderlich, 2012b: 216.

Type specimen(s). H: F2348/BU/AR/CJW (PCJW).

**3.63 Genus *Parvispina* Wunderlich, 2015**

*Parvispina* Wunderlich, 2015a: 192. Type species: *Praeterleptoneta tibialis* Wunderlich, 2011.

**79) *Parvispina tibialis* (Wunderlich, 2011)**

*Praeterleptoneta tibialis* Wunderlich, 2011: 559.

*Parvispina tibialis*: Wunderlich, 2015a: 192.

Type specimen(s). H: F2210/BU/AR/CJW (PCJW).

**3.64 Genus *Spinipalpitibia* Wunderlich, 2015**

*Spinipalpitibia* Wunderlich, 2015: 193. Type species: *Spinipalpitibia maior* Wunderlich, 2015.

**80) *Spinipalpitibia maior* Wunderlich, 2015**

*Spinipalpitibia maior* Wunderlich, 2015a: 193.

Type specimen(s). Unknown.

**Family Pholcochyroceridae Wunderlich, 2008**

**3.65 Genus *Pholcochyrocer* Wunderlich, 2008**

*Pholcochyrocer* Wunderlich, 2008b: 593. Type species: *Pholcochyrocer guttulaeque* Wunderlich, 2008.

**81) *Pholcochyrocer? baculum* Wunderlich, 2012**

*Pholcochyrocer? baculum* Wunderlich, 2012b: 194.

Type specimen(s). H: F2339/BU/CJW (PCJW).

**82) *Pholcochyrocer guttulaeque* Wunderlich, 2008**

*Pholcochyrocer guttulaeque* Wunderlich, 2008b: 594.

Type specimen(s). H: F1913/BU/AR/CJW (PCJW).

**83) *Pholcochyrocer pecten* Wunderlich, 2012**

*Pholcochyrocer pecten* Wunderlich, 2012b: 195.

Type specimen(s). H: F2268/BU/AR/CJW (PCJW).

**3.66 Genus *Spinicreber* Wunderlich, 2015**

*Spinicreber* Wunderlich, 2015a: 199. Type species: *Spinicreber antiquus* Wunderlich, 2015.

**84) *Spinicreber antiquus* Wunderlich, 2015**

*Spinicreber antiquus* Wunderlich, 2015a: 199.

Type specimen(s). Unknown.

**3.67 Genus *Spinipalpus* Wunderlich, 2015**

*Spinipalpus* Wunderlich, 2015a: 200. Type species: *Spinipalpus vetus* Wunderlich, 2015.

**85) *Spinipalpus vetus* Wunderlich, 2015**

*Spinipalpus vetus* Wunderlich, 2015a: 200.

Type specimen(s). Unknown.

**Superfamily Leptonetoidea Simon, 1890**

**Family Leptonetidae Simon, 1890**

**Subfamily Palaeoleptonetinae Wunderlich, 2012**

**3.68 Genus *Palaeoleptoneta* Wunderlich, 2012**

*Palaeoleptoneta* Wunderlich, 2012b: 188. Type species: *Palaeoleptoneta calcar* Wunderlich, 2012.

**86) *Palaeoleptoneta calcar* Wunderlich, 2012**

*Palaeoleptoneta calcar* Wunderlich, 2012b: 188.

Type specimen(s). H: F2350/AR/CJW (PCJW).

**Family Epsilodercidae Wunderlich, 2008**

**3.69 Genus *Eopsilodermes* Wunderlich, 2008**

*Eopsilodermes* Wunderlich, 2008b: 578. Type species: *Eopsilodermes loxosceloides* Wunderlich, 2008.

**87) *Eopsilodermes filiformis* (Wunderlich, 2012)**

*Psilodermes? filiformis* Wunderlich, 2012b: 180.

*Eopsilodermes filiformis* Wunderlich, 2015a: 147

Type specimen(s). H: F2267/BU/AR/CJW (PCJW).

**88) *Eopsilodermes loxosceloides* Wunderlich, 2008**

*Eopsilodermes loxosceloides* Wunderlich, 2008b: 579.

Type specimen(s). H: F1914/BU/AR/CJW (PCJW).

**89) *Eopsilodermes serenitas* Wunderlich, 2015**

*Eopsilodermes serenitas* Wunderlich, 2015a: 147.

Type specimen(s). Unknown.

**3.70 Genus *Furcembolus* Wunderlich, 2008**

*Furcembolus* Wunderlich, 2008b: 582. Type species: *Furcembolus andersoni* Wunderlich, 2008.

**90) *Furcembolus andersoni* Wunderlich, 2008**

*Furcembolus andersoni* Wunderlich, 2008b: 582.

Type specimen(s). H: F2011/BU/AR/CJW (PCJW).

**3.71 Genus *Leclercera* Deeleman-Reinhold, 1995**

*Leclercera* Deeleman-Reinhold, 1995: 23. Type species: *Leclercera khaoyai* Deeleman-Reinhold, 1995.

**91) *Leclercera ellenbergeri* Wunderlich, 2015**

*Leclercera ellenbergeri* Wunderlich, 2015a: 152.

Type specimen(s). Unknown.

**92) *Leclercera longissipes* Wunderlich, 2012**

*Leclercera longissipes* Wunderlich, 2012b: 178.

Type specimen(s). H: F2349/BU/AR/CJW (PCJW).

**93) *Leclercera sexaculeata* Wunderlich, 2015**

*Leclercera sexaculeata* Wunderlich, 2015a: 153.

Type specimen(s). Unknown.

**94) *Leclercera spicula* Wunderlich, 2012**

*Leclercera spicula* Wunderlich, 2012b: 179.

Type specimen(s). H: F2340/BU/CJW (PCJW).

**Family Psilodercidae Deeleman-Reinhold, 1995**

**3.72 Genus *Propterpsilodermes* Wunderlich, 2015**

*Propterpsilodermes* Wunderlich, 2015a: 155. Type species: *Propterpsilodermes longisetae* Wunderlich, 2015.

**95) *Propterpsiloderces longisetae* Wunderlich, 2015**

*Propterpsiloderces longisetae* Wunderlich, 2015a: 156.

Type specimen(s). Unknown.

**Family Tetrablemmidae Cambridge, 1873**

**3.73 Genus *Bicornoculus* Wunderlich, 2015**

*Bicornoculus* Wunderlich, 2015a: 165. Type species: *Bicornoculus levis* Wunderlich, 2015.

**96) *Bicornoculus levis* Wunderlich, 2015**

*Bicornoculus levis* Wunderlich, 2015a: 165.

Type specimen(s). Unknown.

**3.74 Genus *Eogamasomorpha* Wunderlich, 2008**

*Eogamasomorpha* Wunderlich, 2008b: 576. Type species: *Eogamasomorpha nubila* Wunderlich, 2008.

**97) *Eogamasomorpha clara* Wunderlich, 2015**

?*Eogamasomorpha clara* Wunderlich, 2015a: 167.

Type specimen(s). Unknown.

**98) *Eogamasomorpha nubila* Wunderlich, 2008**

*Eogamasomorpha nubila* Wunderlich, 2008b: 576.

Type specimen(s). H: Poinar B-A-1-1 (PACO).

**3.75 Genus *Praeterpaculla* Wunderlich, 2015**

*Praeterpaculla* Wunderlich, 2015a: 159. Type species: *Praeterpaculla tuberosa* Wunderlich, 2015.

**99) *Praeterpaculla armatura* Wunderlich, 2015**

*Praeterpaculla armatura* Wunderlich, 2015a: 160.

Type specimen(s). Unknown.

**100) *Praeterpaculla biacuta* Wunderlich, 2015**

*Praeterpaculla biacuta* Wunderlich, 2015a: 161.

Type specimen(s). Unknown.

**101) *Praeterpaculla dissolata* Wunderlich, 2015**

*Praeterpaculla dissolata* Wunderlich, 2015a: 162.

Type specimen(s). Unknown.

**102) *Praeterpaculla equester* Wunderlich, 2015**

*Praeterpaculla equester* Wunderlich, 2015a: 163.

Type specimen(s). Unknown.

**103) *Praeterpaculla tuberosa* Wunderlich, 2015**

*Praeterpaculla tuberosa* Wunderlich, 2015a: 163.

Type specimen(s). Unknown.

**3.76 Genus *Saetosoma* Wunderlich, 2012**

*Saetosoma* Wunderlich, 2012b: 174. Type species: *Saetosoma filiembolus* Wunderlich, 2012.

**104) *Saetosoma filiembolus* Wunderlich, 2012**

*Saetosoma filiembolus* Wunderlich, 2012b: 174.

Type specimen(s). H: F2347/BU/AR/CJW (PCJW).

**3.77 Genus *Uniscutosoma* Wunderlich, 2015**

*Uniscutosoma* Wunderlich, 2015a: 168. Type species: *Uniscutosoma aberrans* Wunderlich, 2015.

**105) *Uniscutosoma aberrans* Wunderlich, 2015**

*Uniscutosoma aberrans* Wunderlich, 2015a: 169.

Type specimen(s). Unknown.

**3.78 Genus *Eoscaphiella* Wunderlich, 2011**

*Eoscaphiella* Wunderlich, 2011: 545. Type species: *Eoscaphiella ohlhoffi* Wunderlich, 2011.

**106) *Eoscaphiella ohlhoffi* Wunderlich, 2011**

*Eoscaphiella ohlhoffi* Wunderlich, 2011: 556.

Type specimen(s). H: F2211/BU/AR/CJW (PCJW).

**Subfamily Tetrablemminae Pickard-Cambridge, 1873**

**3.79 Genus *Electroblemma* Selden, Zhang & Ren, 2016**

*Electroblemma* Selden, Zhang & Ren, 2016b: 130. Type species: *Electroblemma bifida* Selden, Zhang & Ren, 2016.

**107) *Electroblemma bifida* Selden, Zhang & Ren, 2016**

*Electroblemma bifida* Selden, Zhang & Ren, 2016b: 130.

Type specimen(s). H (♂): BU-001055 (EMTG). P (♂): BU-001725 (EMTG).

**Superfamily Dysderoidea Bristowe, 1938**

**Family Segestriidae Simon, 1893**

**Subfamily Segestriinae Simon, 1893**

**3.80 Genus *Denticulsegestia* Wunderlich, 2015**

*Denticulsegestia* Wunderlich, 2015a: 124. Type species: *Denticulsegestia rugosa* Wunderlich, 2015a.

**108) *Denticulsegestia rugosa* Wunderlich, 2015**

*Denticulsegestia rugosa* Wunderlich, 2015a: 125.

Type specimen(s). Unknown.

**3.81 Genus *Jordansegestria* Wunderlich, 2015**

*Jordansegestria* Wunderlich, 2015a: 126. Type species: *Jordansegestria detruneo* Wunderlich, 2015.

**109) *Jordansegestria detruneo* Wunderlich, 2015**

*Jordansegestria detruneo* Wunderlich, 2015a: 126.

Type specimen(s). Unknown.

**3.82 Genus *Myansegestria* Wunderlich, 2015**

*Myansegestria* Wunderlich, 2015a: 127. Type species: *Myansegestria engin* Wunderlich, 2015.

**110) *Myansegestria caederens* Wunderlich, 2015**

*Myansegestria caederens* Wunderlich, 2015a: 129.

Type specimen(s). Unknown.

**111) *Myansegestria engin* Wunderlich, 2015**

*Myansegestria engin* Wunderlich, 2015a: 128.

Type specimen(s). Unknown.

**3.83 Genus *Parvosegestria* Wunderlich, 2015**

*Parvosegestria* Wunderlich, 2015a: 131. Type species: *Parvosegestria obscura* Wunderlich, 2015.

**112) *Parvosegestria longitibialis* Wunderlich, 2015**

*Parvosegestria longitibialis* Wunderlich, 2015a: 133.

Type specimen(s). Unknown.

**113) *Parvosegestria obscura* Wunderlich, 2015**

*Parvosegestria obscura* Wunderlich, 2015a: 132.

Type specimen(s). Unknown.

**114) *Parvosegestria pintgu* Wunderlich, 2015**

*Parvosegestria pintgu* Wunderlich, 2015a: 133.

Type specimen(s). Unknown.

**115) *Parvosegestria triplex* Wunderlich, 2015**

*Parvosegestria triplex* Wunderlich, 2015a: 134.

Type specimen(s). Unknown.

**Family Oonopidae Simon, 1890**

**3.84 Genus *Burmorchestina* Wunderlich, 2008**

*Burmorchestina* Wunderlich, 2008a: 68. Type species: *Burmorchestina pulcher* Wunderlich, 2008.

**116) *Burmorchestina pulcher* Wunderlich, 2008**

*Burmorchestina pulcher* Wunderlich, 2008a: 69.

Type specimen(s). H: F1908/BU/AR/CJW (PCJW).

**Family Plumorsolidae Wunderlich, 2008**

**3.85 Genus *Burmorsolus* Wunderlich, 2015**

*Burmorsolus* Wunderlich, 2015a: 137. Type species: *Burmorsolus nonplumosus* Wunderlich, 2015.

**117) *Burmorsolus crassus* Wunderlich, 2015**

*Burmorsolus crassus* Wunderlich, 2015a: 139.

Type specimen(s). Unknown.

**118) *Burmorsolus nonplumosus* Wunderlich, 2015**

*Burmorsolus nonplumosus* Wunderlich, 2015a: 138.

Type specimen(s). Unknown.

**Family Archaeidae Koch & Berendt, 1854**

**Subfamily Archaeinae Koch & Berendt, 1854**

**3.86 Genus *Burmesarchaea* Wunderlich, 2008**

*Burmesarchaea* Wunderlich, 2008b: 605. Type species: *Burmascutum aenigma* Wunderlich, 2008.

**119) *Burmesarchaea grimaldii* (Penney, 2003)**

*Afrarchaea grimaldii* Penney, 2003: 123.

*Burmesarchaea grimaldii*: Dunlop, Penney & Jekel, 2013: 141.

Type specimen(s). H (♂): AMNH Bu-256 (AMNH). Non-types: AMNH Bu-706 (AMNH).

**Subfamily Lacunaucheniinae Wunderlich, 2008**

**3.87 Genus *Eomysmauchenius* Wunderlich, 2008**

*Eomysmauchenius* Wunderlich, 2008b: 608. Type species: *Eomysmauchenius septentrionalis* Wunderlich, 2008.

**120) *Eomysmauchenius septentrionalis* Wunderlich, 2008**

*Eomysmauchenius septentrionalis* Wunderlich, 2008b: 609.

Type specimen(s). H: F1837/BU/AR/CJW (PCJW).

**3.88 Genus *Filiauchenius* Wunderlich, 2008**

*Filiauchenius* Wunderlich, 2008b: 610. Type species: *Filiauchenius paucidentatus* Wunderlich, 2008.

**121) *Filiauchenius paucidentatus* Wunderlich, 2008**

*Filiauchenius paucidentatus* Wunderlich, 2008b: 610.

Type specimen(s). H: F1924/BU/AR/CJW (PCJW).

**3.89 Genus *Lacunauchenius* Wunderlich, 2008**

*Lacunauchenius* Wunderlich, 2008b: 607. Type species: *Lacunauchenius speciosus* Wunderlich, 2008.

**122) *Lacunauchenius longissipes* Wunderlich, 2015**

*Lacunauchenius longissipes* Wunderlich, 2015a: 229.

Type specimen(s). Unknown.

**123) *Lacunauchenius pilosus* Wunderlich, 2015**

*Lacunauchenius pilosus* Wunderlich, 2015a: 228.

Type specimen(s). Unknown.

**124) *Lacunauchenius speciosus* Wunderlich, 2008**

*Lacunauchenius speciosus* Wunderlich, 2008b: 607.

Type specimen(s). H: F1923/BB/AR/CJW (PCJW).

**Family Archaeidae Koch & Berendt, 1854**



**3.90 Genus *Planarchaea* Wunderlich, 2015**

*Planarchaea* Wunderlich, 2015a: 231. Type species: *Planarchaea kopp* Wunderlich, 2015.

**125) *Planarchaea kopp* Wunderlich, 2015**

*Planarchaea kopp* Wunderlich, 2015a: 232.

Type specimen(s). Unknown.

**Family Micropalpimanidae Wunderlich, 2008**

**3.91 Genus *Micropalpimanus* Wunderlich, 2008**

*Micropalpimanus* Wunderlich, 2008b: 617. Type species: *Micropalpimanus poinari* Wunderlich, 2008.

**126) *Micropalpimanus poinari* Wunderlich, 2008**

*Micropalpimanus poinari* Wunderlich, 2008b: 617.

Type specimen(s). H: Poinar B-A-1-3 (PACO).

**Superfamily Palpimanoidea Forster & Platnick, 1984**

**Family Lagonomegopidae Eskov & Wunderlich 1994**

**Subfamily Archaelagonopinae Wunderlich, 2012**

**3.92 Genus *Archaelagonops* Wunderlich, 2012**

*Archaelagonops* Wunderlich, 2012b: 207. Type species: *Archaelagonops salticoides* Wunderlich, 2012.

**127) *Archaelagonops alavensis* (Penney, 2005)**

*Burlagonomegops alavensis* Penney, 2006: 379.

*Archaelagonops alavensis*: Wunderlich, 2015: 246

Type specimen(s). Unknown.

**128) *Archaelagonops propinquus* Wunderlich, 2015**

*Archaelagonops propinquus* Wunderlich, 2015a: 250.

Type specimen(s). Unknown.

**129) *Archaelagonops salticoides* Wunderlich, 2012**

*Archaelagonops salticoides* Wunderlich, 2012b: 207.

Type specimen(s). H: F2364/BU/AR/CJW (PCJW).

**130) *Archaelagonops scorsum* Wunderlich, 2015**

*Archaelagonops scorsum* Wunderlich, 2015a: 249.

Type specimen(s). Unknown.

**3.93 Genus *Burlagonomegops* Penney, 2005**

*Burlagonomegops* Penney, 2005: 441. Type species: *Burlagonomegops eskovi* Penney, 2005.

**131) *Burlagonomegops eskovi* Penney, 2005**

*Burlagonomegops eskovi* Penney, 2005: 441.

Type specimen(s). H: juvenile AMNH Bu–707(AMNH). P (?): 1 juvenile AMNH Bu–1353 (AMNH).

**3.94 Genus *Cymbiolagonops* Wunderlich, 2015**

*Cymbiolagonops* Wunderlich, 2015a: 251. Type species: *Cymbiolagonops cymbiocalcar* Wunderlich, 2015.

**132) *Cymbiolagonops cymbiocalcar* Wunderlich, 2015**

*Cymbiolagonops cymbiocalcar* Wunderlich, 2015a: 251.

Type specimen(s). Unknown.

**Subfamily Lagonomegopinae Eskov & Wunderlich 1995**

**3.95 Genus *Lagonoburmops* Wunderlich, 2012**

*Lagonoburmops* Wunderlich, 2012b: 203. Type species *Lagonoburmops plumosus* Wunderlich, 2012.

**133) *Lagonoburmops plumosus* Wunderlich, 2012**

*Lagonoburmops plumosus* Wunderlich, 2012b: 203.

Type specimen(s). H: F2270/BU/AR/CJW (PCJW).

**3.96 Genus *Lagonomegops* Eskov & Wunderlich, 1994**

*Lagonomegops* Eskov & Wunderlich, 1994: 98. Type species: *Lagonomegops sukatchevae* Eskov & Wunderlich, 1994.

**134) ?*Lagonomegops tuber* Wunderlich, 2015**

*Lagonomegops tuber* Wunderlich, 2015a: 253.

Type specimen(s). Unknown.

**3.97 Genus *Lineaburmops* Wunderlich, 2015**

*Lineaburmops* Wunderlich, 2015a: 254. Type species: *Lineaburmops beigeli* Wunderlich, 2015.

**135) *Lineaburmops beigeli* Wunderlich, 2015**

*Lineaburmops beigeli* Wunderlich, 2015a: 255.

Type specimen(s). Unknown.

**136) *Lineaburmops hirsutipes* Wunderlich, 2015**

*Lineaburmops hirsutipes* Wunderlich, 2015a: 256.

Type specimen(s). Unknown.

**3.98 Genus *Myanlagonops* Wunderlich, 2012**

*Myanlagonops* Wunderlich, 2012b: 204. Type species: *Myanlagonops gracilipes* Wunderlich, 2012.

**137) *Myanlagonops gracilipes* Wunderlich, 2012**

*Myanlagonops gracilipes* Wunderlich, 2012b: 205.

Type specimen(s). H: F2269/BU/AR/CJW (PCJW).

**3.99 Genus *Parviburmops* Wunderlich, 2015**

*Parviburmops* Wunderlich, 2015a: 258. Type species: *Parviburmops brevipalpus* Wunderlich, 2015.

**138) *Parviburmops brevipalpus* Wunderlich, 2015**

*Parviburmops brevipalpus* Wunderlich, 2015a: 258.

Type specimen(s). Unknown.

**3.100 Genus *Paxillomegops* Wunderlich, 2015**

*Paxillomegops* Wunderlich, 2015a: 259. Type species: *Paxillomegops longipes* Wunderlich, 2015.

**139) *Paxillomegops brevipes* Wunderlich, 2015**

?*Paxillomegops brevipes* Wunderlich, 2015a: 260.

Type specimen(s). Unknown.

**140) *Paxillomegops longipes* Wunderlich, 2015**

*Paxillomegops longipes* Wunderlich, 2015a: 261.

Type specimen(s). Unknown.

**3.101 Genus *Picturmegops* Wunderlich, 2015**

*Picturmegops* Wunderlich, 2015a: 262. Type species: *Picturmegops signatus* Wunderlich, 2015.

**141) *Picturmegops signatus* Wunderlich, 2015**

*Picturmegops signatus* Wunderlich, 2015a: 262.

Type specimen(s). Unknown.

**Family Spatiatoridae Petrunkevitch, 1942**

**3.102 Genus *Spatiator* Petrunkevitch, 1942**

*Spatiator* Petrunkevitch, 1942: 134. Type species: *Spatiator praeceps* Petrunkevitch, 1942.

**142) *Spatiator putescens* Wunderlich, 2015**

*Spatiator putescens* Wunderlich, 2015a: 271.

Type specimen(s). Unknown.

**Subfamily Vetiatorinae Wunderlich, 2015**

**3.103 Genus *Vetiator* Wunderlich, 2015**

*Vetiator* Wunderlich, 2015a: 272. Type species: *Vetiator gracilipes* Wunderlich, 2015.

**143) *Vetiator gracilipes* Wunderlich, 2015**

*Vetiator gracilipes* Wunderlich, 2015a: 273.

Type specimen(s). Unknown.

**Superfamily Oecobioidea Koch, 1850**

**Family Oecobiidae Blackwall, 1862**

**Subfamily Retroecobiinae Wunderlich, 2015**

**3.104 Genus *Retroecobius* Wunderlich, 2015**

*Retroecobius* Wunderlich, 2015a: 300. Type species: *Retroecobius chomskyi* Wunderlich, 2015.

**144) *Retroecobius chomskyi* Wunderlich, 2015**

*Retroecobius chomskyi* Wunderlich, 2015a: 300.

Type specimen(s). Unknown.

**145) *Retroecobius convexus* Wunderlich, 2015**

*Retroecobius convexus* Wunderlich, 2015a: 32.

Type specimen(s). Unknown.

**Family Oecobiidae Blackwall, 1862**

**3.105 Genus *Zamilia* Wunderlich, 2008**

*Zamilia* Wunderlich, 2008b: 621. Type species: *Zamilia antecessor* Wunderlich, 2008.

**146) *Zamilia antecessor* Wunderlich, 2008**

*Zamilia antecessor* Wunderlich, 2008b: 622.

Type specimen(s). H: F1919/BU/AR/CJW (PCJW).

**147) *Zamilia aculeopectens* Wunderlich, 2015**

*Zamilia aculeopectens* Wunderlich, 2015a: 295.

Type specimen(s). Unknown.

**148) *Zamilia quattuormammillae* Wunderlich, 2015**

*Zamilia quattuormammillae* Wunderlich, 2015a: 296.

Type specimen(s). Unknown.

**Family Hersiliidae Thorell, 1870**

**3.106 Genus *Burmesiola* Wunderlich, 2011**

*Burmesiola* Wunderlich, 2011: 551. Type species: *Burmesiola cretacea* Wunderlich, 2011.

**149) *Burmesiola cretacea* Wunderlich, 2011**

*Burmesiola cretacea* Wunderlich, 2011: 551.

Type specimen(s). H: F2206/BU/AR/CJW (PCJW).

**150) *Burmesiola daviesi* Wunderlich, 2015**

*Burmesiola daviesi* Wunderlich, 2015a: 304.

Type specimen(s). Unknown.

**3.107 Genus *Spinasilia* Wunderlich, 2015**

*Spinasilia* Wunderlich, 2015a: 305. Type species: *Spinasilia dissoluta* Wunderlich, 2015.

**151) *Spinasilia dissoluta* Wunderlich, 2015**

*Spinasilia dissoluta* Wunderlich, 2015a: 306.

Type specimen(s). Unknown.

**Superfamily uncertain**

**Family Burmascutidae Wunderlich, 2008**

**3.108 Genus *Burmascutum* Wunderlich, 2008**

*Burmascutum* Wunderlich, 2008b: 625. Type species: *Burmascutum aenigma* Wunderlich, 2008.

**152) *Burmascutum aenigma* Wunderlich, 2008**

*Burmascutum aenigma* Wunderlich, 2008b: 625.

Type specimen(s). H: Poinar B-A-1-7 (PACO).

**Family Dictynidae Pickard-Cambridge, 1871**

**3.109 Genus *Burmadictyna* Wunderlich, 2008**

*Burmadictyna* Wunderlich, 2008b: 647. Type species: *Burmadictyna pecten* Wunderlich, 2008.

**153) *Burmadictyna clava* Wunderlich, 2015**

*Burmadictyna clava* Wunderlich, 2015a: 317.

Type specimen(s). Unknown.

**154) *Burmadictyna excavata* Wunderlich, 2015**

*Burmadictyna excavata* Wunderlich, 2015a: 315.

Type specimen(s). Unknown.

**155) *Burmadictyna pecten* Wunderlich, 2008**

*Burmadictyna pecten* Wunderlich, 2008b: 648.

Type specimen(s). H: F769/BUR/AR/CJW (PCJW).

**Family Uloboridae Thorell, 1869**

**3.110 Genus *Bicalamistrum* Wunderlich, 2015**

*Bicalamistrum* Wunderlich, 2015a: 322. Type species: *Bicalamistrum mixtum* Wunderlich, 2015.

**156) *Bicalamistrum mixtum* Wunderlich, 2015**

*Bicalamistrum mixtum* Wunderlich, 2015a: 323.

Type specimen(s). Unknown.

**3.111 Genus *Burmuloborus* Wunderlich, 2008**

*Burmuloborus* Wunderlich, 2008b: 634. Type species: *Burmuloborus parvus* Wunderlich, 2008.

**157) *Burmuloborus antefixus* Wunderlich, 2015**

*Burmuloborus antefixus* Wunderlich, 2015a: 324.

Type specimen(s). Unknown.

**158) *Burmuloborus parvus* Wunderlich, 2008**

*Burmuloborus parvus* Wunderlich, 2008b: 634.

Type specimen(s). H: SMF F2014/BU/AR/CJW (PCJW).

**159) *Burmuloborus prolongatus* Wunderlich, 2015**

?*Burmuloborus prolongatus* Wunderlich, 2015a: 325.

Type specimen(s). Unknown.

**3.112 Genus *Microuloborus* Wunderlich, 2015**

*Microuloborus* Wunderlich, 2015: 329. Type species: *Microuloborus birmanicus* Wunderlich, 2015.

**160) *Microuloborus birmanicus* Wunderlich, 2015**

*Microuloborus birmanicus* Wunderlich, 2015a: 329.

Type specimen(s). Unknown.

**3.113 Genus *Oculoborus* Wunderlich, 2012**

*Oculoborus* Wunderlich, 2012b: 211. Type species: *Oculoborus curvatus* Wunderlich, 2012.

**161) *Oculoborus curvatus* Wunderlich, 2012**

*Oculoborus curvatus* Wunderlich, 2012b: 211.

Type specimen(s). H: F2278/BU/AR/CJW (PCJW).

**3.114 Genus *Palaeomiagrammopes* Wunderlich, 2008**

*Palaeomiagrammopes* Wunderlich, 2008b: 638. Type species: *Palaeomiagrammopes vesica* Wunderlich, 2008.

**162) *Palaeomiagrammopes vesica* Wunderlich, 2008**

*Palaeomiagrammopes vesica* Wunderlich, 2008b: 638.

Type specimen(s). H: Poinar B-A-1-13 (PACO).

**3.115 Genus *Paramiagrammopes* Wunderlich, 2008**

*Paramiagrammopes* Wunderlich, 2008b: 636. Type species: *Paramiagrammopes cretaceus* Wunderlich, 2008.

**163) *Paramiagrammopes cretaceus* Wunderlich, 2008**

*Paramiagrammopes cretaceus* Wunderlich, 2008b: 636.

Type specimen(s). H: Poinar B-A-1-8.

**164) *Paragrammopes longiclypeus* Wunderlich, 2015**

*Paragrammopes longiclypeus* Wunderlich, 2015a: 332.

Type specimen(s). Unknown.

**165) *Paramiagrammopes patellidens* Wunderlich, 2015**

*Paramiagrammopes patellidens* Wunderlich, 2015a: 333.

Type specimen(s). Unknown.

**Superfamily Araneoidea Latreille, 1806**

**Family Theridiidae Sundevall, 1833**

**Subfamily Cretotheridiinae Wunderlich, 2015**

**3.116 Genus *Cretotheridion* Wunderlich, 2015**

*Cretotheridion* Wunderlich, 2015a: 343. Type specie: *Cretotheridion inopinatum* Wunderlich, 2015.

**166) *Cretotheridion inopinatum* Wunderlich, 2015**

*Cretotheridion inopinatum* Wunderlich, 2015a: 343.

Type specimen(s). Unknown.

**Family Theridiosomatidae Simon, 1881**

**3.117 Genus *Leviunguis* Wunderlich, 2012**

*Leviunguis* Wunderlich, 2012b: 213. Type specie: *Leviunguis bruckschi* Wunderlich, 2012.

**167) *Leviunguis bruckschi* Wunderlich, 2012**

*Leviunguis bruckschi* Wunderlich, 2012b: 213.

Type specimen(s). H: F2266/BU/AR/CJW (PCJW).

**Family Nephilidae Simon, 1894**

**3.118 Genus *Nephila* Leach, 1815**

*Nephila* Leach, 1815: 133. Type species: *Nephila pilipes* (Fabricius, 1793).

*Geratonephila* Poinar, 2012: 519. Type species: *Geratonephila burmanica* Poinar, 2012.

**168) *Nephila burmanica* (Poinar, 2012)**

*Geratonephila burmanica* Poinar, 2012: 520.

*Nephila burmanica*: Wunderlich, 2015b: 416.

Type specimen(s). H (♂): No. E-2 (RBAC).

**Family Mongolarachnidae Selden, Shi & Ren, 2013**

**Subfamily Longissipalpinæ Wunderlich, 2015**

**3.119 Genus *Longissipalpus* Wunderlich, 2015**

*Longissipalpus* Wunderlich, 2015a: 205. Type species: *Longissipalpus minor* Wunderlich, 2015.

**169) *Longissipalpus magnus* Wunderlich, 2015**

*Longissipalpus magnus* Wunderlich, 2015a: 207.

Type specimen(s). Unknown.

**170) *Longissipalpus maior* Wunderlich, 2015**

*Longissipalpus minor* Wunderlich, 2015a: 207.

Type specimen(s). Unknown.

**171) *Longissipalpus minor* Wunderlich, 2015**

*Longissipalpus minor* Wunderlich, 2015a: 205.

Type specimen(s). Unknown.

**Subfamily Pedipalparaneinae Wunderlich, 2015**

**3.120 Genus *Pedipalparaneus* Wunderlich, 2015**

*Pedipalparaneus* Wunderlich, 2015a: 209. Type species: *Pedipalparaneus seldeni* Wunderlich, 2015.

**172) *Pedipalparaneus seldeni* Wunderlich, 2015**

*Pedipalparaneus seldeni* Wunderlich, 2015a: 209.

Type specimen(s). Unknown.

**Family Dictynidae Cambridge, 1871**

**3.121 Genus *Kronocharon* Engel & Grimaldi, 2014**

*Kronocharon* Engel & Grimaldi, 2014b: 8. Type species: *Kronocharon prendinii* Engel & Grimaldi, 2014.

**173) *Kronocharon engeli* Wunderlich, 2015**

*Kronocharon engeli* Wunderlich, 2015b: 426.

Type specimen(s). Unknown.

**174) *Kronocharon longicalcaris* Wunderlich, 2015**

*Kronocharon longicalcaris* Wunderlich, 2015b: 427.

Type specimen(s). Unknown.

**175) *Kronocharon prendinii* Engel & Grimaldi, 2014**

*Kronocharon prendinii* Engel & Grimaldi, 2014b: 9.

Type specimen(s). H: AMNH JZC Bu150 (JZC).

**Order Thelyphonida Latreille, 1804**

**Family Thelyphonidae Lucas, 1835**

**3.122 Genus *Burmathelyphonia* Wunderlich, 2015**

*Burmathelyphonia* Wunderlich, 2015b: 432. Type species: *Burmathelyphonia prima* Wunderlich, 2015.

**176) *Burmathelyphonia prima* Wunderlich, 2015**

*Burmathelyphonia prima* Wunderlich, 2015b: 433.

Type specimen(s). Unknown.

**Subphylum Myriapoda Latreille, 1802**

**Class Chilopoda Latreille, 1817**

**Order Geophilomorpha Pocock, 1895**

**Family Geophilidae Leach, 1815**

**3.123 Genus *Kachinophilus* Bonato, Edgecombe & Minelli, 2014**

*Kachinophilus* Bonato, Edgecombe & Minelli, 2014: 103. Type species: *Kachinophilus pereirai* Bonato, Edgecombe & Minelli, 2014.

**177) *Kachinophilus pereirai* Bonato, Edgecombe & Minelli, 2014**

*Kachinophilus pereirai* Bonato, Edgecombe & Minelli, 2014: 104.

Type specimen(s). H (♂): AMNH Bu-Ba41a (AMNH). P (?): AMNH Bu-Ba50a. AMNH Bu- Ba63a (AMNH).

**Class Diplopoda Blainville in Gervais, 1844**

**Subclass Penicillata Latreille, 1825**

**Order Polyxenida Verhoeff, 1934**

**Superfamily Synxenoidea Silvestri, 1923**

**Family Synxenidae Silvestri, 1923**

**3.124 Genus *Phryssonotus* Scudder, 1885**

*Phryssonotus* Scudder, 1885: 731. Type species: *Lophonotus hystrix* Menge, 1854.

**178) *Phryssonotus burmiticus* (Cockerell, 1917)**

*Polyxenus burmiticus* Cockerell, 1917b: 40.

*Phryssonotus burmiticus*: Duy- Jacquemin & Geoffroy, 2003: 101.

Type specimen(s). H (♀): NHM In.19122 (NHML).

Additional materials. 60 juveniles, NHMIn.19123 (NHML).



**Subphylum Hexapoda Latreille, 1825**  
**Class Entognatha Hirst & Maulik, 1926**  
**Subclass Collembola Lubbock, 1870**  
**Order Entomobryomorpha Börner, 1913**  
**Superfamily Isotomoidea Schaffer, 1896**  
**Family Isotomidae Börner, 1913**

**3.125 Genus *Burmisotoma* Christiansen & Nascimbene, 2006**

*Burmisotoma* Christiansen & Nascimbene, 2006: 340. Type species: *Burmisotoma lamellifera* Christiansen & Nascimbene, 2006.

**179) *Burmisotoma lamellifera* Christiansen & Nascimbene, 2006**

*Burmisotoma lamellifera* Christiansen & Nascimbene, 2006: 342.

Type specimen(s). H: AMNH Bu 818 A 2 specimen 7 (AMNH).

**3.126 Genus *Proisotoma* Börner, 1901**

*Proisotoma* Börner, 1901: 134. Type species: *Isotoma minuta* Tullberg, 1871.

**180) *Proisotoma petterssonae* Christiansen & Nascimbene, 2006**

*Proisotoma petterssonae* Christiansen & Nascimbene, 2006: 340.

Type specimen(s). H: AMNH Bu 818-A1 specimen 1 (AMNH).

**3.127 Genus *Propachyotoma* Christiansen & Nascimbene, 2006**

*Propachyotoma* Christiansen & Nascimbene, 2006: 344. Type species: *Propachyotoma conica* Christiansen & Nascimbene, 2006.

**181) *Propachyotoma conica* Christiansen & Nascimbene, 2006**

*Propachyotoma conica* Christiansen & Nascimbene, 2006: 344.

Type specimen(s). H: AMNH Bu 818A2, specimen 12 (AMNH). P (?): AMNH Bu 818A1, specimen 4 (AMNH).

**3.128 Genus *Protodesoria* Christiansen & Nascimbene, 2006**

*Protodesoria* Christiansen & Nascimbene, 2006: 346. Type species: *Protodesoria granda* Christiansen & Nascimbene, 2006.

**182) *Protodesoria granda* Christiansen & Nascimbene, 2006**

*Protodesoria granda* Christiansen & Nascimbene, 2006: 346.

Type specimen(s). H: AMNH Bu 1452C specimen 9 (AMNH). P (?): AMNH Bu 1452C specimen 11 (AMNH).

**3.129 Genus *Protoisotoma* Christiansen & Pike, 2002**

*Protoisotoma* Christiansen & Pike, 2002: 171. Type species: *Protoisotoma micromucra* Christiansen & Pike, 2002.

**183) *Protoisotoma burma* Christiansen & Nascimbene, 2006**

*Protoisotoma burma* Christiansen & Nascimbene, 2006: 343.

Type specimen(s). H: AMNH Bu 1074A1 specimen 1 (AMNH). P (6??): AMNH Bu 1074A1, specimens 3 and 4; AMNH Bu 1074A2, specimens 2 and 3; and AMNH Bu 1074A3 specimens 1 and 2 (AMNH).

**3.130 Genus *Villusisotoma* Christiansen & Nascimbene, 2006**

*Villusisotoma* Christiansen & Nascimbene, 2006: 334. Type species: *Villusisotoma brevis* Christiansen & Nascimbene, 2006.

**184) *Villusisotoma brevis* Christiansen & Nascimbene, 2006**

*Villusisotoma brevis* Christiansen & Nascimbene, 2006: 335.

Type specimen(s). H: AMNH Bu 818A2, specimen 6 (AMNH). P (?): AMNH Bu 818A2 specimen 10 (AMNH).

**185) *Villusisotoma longa* Christiansen & Nascimbene, 2006**

*Villusisotoma longa* Christiansen & Nascimbene, 2006: 336.

Type specimen(s). H: AMNH Bu 8181-A2, specimen 8 (AMNH). P (6??): AMNH Bu 8181-A2, specimen 11 (AMNH).

**Superfamily Entomobryoidea Schaffer, 1896**

**Family Praentombryidae Christiansen & Nascimbene, 2006**

**3.131 Genus *Cretacentomobrya* Christiansen & Nascimbene, 2006**

*Cretacentomobrya* Christiansen & Nascimbene, 2006: 357. Type species: *Cretacentomobrya burma* Christiansen & Nascimbene, 2006.

**186) *Cretacentomobrya burma* Christiansen & Nascimbene, 2006**

*Cretacentomobrya burma* Christiansen & Nascimbene, 2006: 357.

Type specimen(s). H: Bu 1452B, specimen 9. (AMNH). P (?): Bu 1452C, specimen 10 (AMNH).

**3.132 Genus *Praentomobrya* Christiansen & Nascimbene, 2006**

*Praentomobrya* Christiansen & Nascimbene, 2006: 356. Type species: *Praentomobrya avita* Christiansen & Nascimbene, 2006.

**187) *Praentomobrya avita* Christiansen & Nascimbene, 2006**

*Praentomobrya avita* Christiansen & Nascimbene, 2006: 356.

Type specimen(s). H: 818A2, specimen 5 (AMNH).

**Order Poduromorpha Börner, 1906**

**Superfamily Neanuroidea Börner, 1901**

**Family Neanuridae Cassagnau, 1955**

**3.133 Genus *Protodontella* Christiansen & Nascimbene, 2006**

*Protodontella* Christiansen & Nascimbene, 2006: 350. Type specie: *Protodontella minicornis* Christiansen & Nascimbene, 2006.

**188) *Protodontella minicornis* Christiansen & Nascimbene, 2006**

*Protodontella minicornis* Christiansen & Nascimbene, 2006: 350.

Type specimen(s). H: Bu 723C, specimen 2 (AMNH).

**Order Symphypleona Börner, 1901**

**Superfamily Sminthuridoidea Börner, 1906**

**Family Sminthuridae Lubbock, 1862**

**3.134 Genus *Grinnellia* Christiansen & Nascimbene, 2006**

*Grinnellia* Christiansen & Nascimbene, 2006: 319. Type species: *Grinnellia ventis* Christiansen & Nascimbene, 2006.

**189) *Grinnellia ventis* Christiansen & Nascimbene, 2006**

*Grinnellia ventis* Christiansen & Nascimbene, 2006: 320.

Type specimen(s). H: AMNH Bu 0117A, specimen 2 (AMNH).

Additional materials. One possible fragment, same data as specimen 3 (AMNH).

**3.135 Genus *Mucrovirga* Christiansen & Nascimbene, 2006**

*Mucrovirga* Christiansen & Nascimbene, 2006: 325. Type species: *Mucrovirga incompleta* Christiansen & Nascimbene, 2006.

**190) *Mucrovirga incompleta* Christiansen & Nascimbene, 2006***Mucrovirga incompleta* Christiansen & Nascimbene, 2006: 326.

Type specimen(s). H: AMNH Bu 168 (AMNH). P (?): Bu 0117B, specimen 1 (AMNH).

**3.136 Genus *Sminthuricinus* Christiansen & Nascimbene, 2006***Sminthuricinus* Christiansen & Nascimbene, 2006: 321. Type species: *Sminthuricinus decepta* Christiansen & Nascimbene, 2006.**191) *Sminthuricinus decepta* Christiansen & Nascimbene, 2006***Sminthuricinus decepta* Christiansen & Nascimbene, 2006: 323.

Type specimen(s). H: AMNH Bu 810 A (AMNH).

Additional materials. AMNH Bu 145A, AMNH Bu 723C specimen 6 and AMNH Bu 810 B (AMNH).

**3.137 Genus *Sminthurconus* Christiansen & Nascimbene, 2006***Sminthurconus* Christiansen & Nascimbene, 2006: 328. Type species: *Sminthurconus grimaldi* Christiansen & Nascimbene, 2006.**192) *Sminthurconus grimaldi* Christiansen & Nascimbene, 2006***Sminthurconus grimaldi* Christiansen & Nascimbene, 2006: 329.

Type specimen(s). H: AMNH Bu 854A specimen 2 (AMNH). P (?): AMNH Bu 1452C, specimen 1 (AMNH).

**Class Insecta Linnaeus, 1758****Order Zygentoma Börner, 1904****Family Lepismatidae Latreille, 1802****3.138 Genus *Allacrotelsa* Silvestri, 1935***Allacrotelsa* Silvestri, 1935: 307. Type species: *Acrotelsa spinata* Packard, 1873.**193) *Allacrotelsa burmiticus* (Cockerell, 1917)***Lampropholis* (?) *burmiticus* Cockerell, 1917a: 360.*Allacrotelsa burmiticus*: Ross & York, 2000: 14.

Type specimen(s). H: In.19119 (NMHL).

**3.139 Genus *Cretalepisma* Mendes & Wunderlich, 2013***Cretalepisma* Mendes & Wunderlich, 2013: 17. Type species: *Cretalepisma kachinicum* Mendes & Wunderlich, 2013.**194) *Cretalepisma kachinicum* Mendes & Wunderlich, 2013***Cretalepisma kachinicum* Mendes & Wunderlich, 2013: 18.

Type specimen(s). H (♀): F2329/BU/CJW (SMF).

**Subfamily Lepismatinae Latreille, 1802****3.140 Genus *Burmalepisma* Mendes & Poinar, 2008***Burmalepisma* Mendes & Poinar, 2008: 492. Type species: *Burmalepisma cretacicum* Mendes & Poinar, 2008.**195) *Burmalepisma cretacicum* Mendes & Poinar, 2008***Burmalepisma cretacicum* Mendes & Poinar, 2008: 493.

Type specimen(s). H (♀): B-TH 1 (PACO). P (?): B-TH 1A (PACO).

**Order Ephemeroptera Latreille, 1810**

**Family Australiphemeridae McCafferty, 1991**

**3.141 Genus *Nanophemera* McCafferty & Santiago-Blay, 2008**

*Nanophemera* McCafferty & Santiago-Blay, 2008: 494. Type species: *Nanophemera myanmarensis* McCafferty & Santiago-Blay, 2008.

**196) *Nanophemera myanmarensis* McCafferty & Santiago-Blay, 2008**

*Nanophemera myanmarensis* McCafferty & Santiago-Blay, 2008: 494.

Type specimen(s). H: Specimen number not assigned (PERC).

**Suborder Pannota McCafferty & Edmunds, 1979**

**Superfamily Caenoidea Newman, 1853**

**Family Prosopistomatidae Lameere, 1917**

**3.142 Genus *Myanmarella* Sinitshenkova, 2000**

*Myanmarella* Sinitshenkova, 2000: 25. Type species: *Myanmarella rossi* Sinitshenkova, 2000.

**197) *Myanmarella rossi* Sinitshenkova, 2000**

*Myanmarella rossi* Sinitshenkova, 2000: 25.

Type specimen(s). H (♀): NHM In.20173 (NHML).

**Suborder Schistonota McCafferty & Edmunds, 1979**

**Superfamily Baetoidea Leach, 1815**

**Family Baetidae Leach, 1815**

**Subfamily Vetuformosinae Poinar, 2011**

**3.143 Genus *Vetuformosa* Poinar, 2011**

*Vetuformosa* Poinar, 2011b: 369. Type species: *Vetuformosa buckleyi* Poinar, 2011.

**198) *Vetuformosa buckleyi* Poinar, 2011**

*Vetuformosa buckleyi* Poinar, 2011b: 370.

Type specimen(s). H (♀): E-6 (RBAC).

**Order Odonata Fabricius, 1793**

**Suborder Epiprocta Lohmann, 1996**

**Infraorder Epiophlebioptera Bechly, 1996**

**Superfamily Epiophlebioidea Muttkowski, 1910**

**Family Burmaphlebiidae Bechly & Poinar, 2013**

**3.144 Genus *Burmaphlebia* Bechly & Poinar, 2013**

*Burmaphlebia* Bechly & Poinar, 2013: 234. Type species: *Burmaphlebia reifi* Bechly & Poinar, 2013.

**199) *Burmaphlebia reifi* Bechly & Poinar, 2013**

*Burmaphlebia reifi* Bechly & Poinar, 2013: 234.

Type specimen(s). H: no. B-OD-1 (old no. I-PO 9) (PACO).

**Infraorder Anisoptera Selys-Longchamps & Hagen, 1854**

**Family Gomphaeschnidae Tillyard & Fraser, 1940**

**Subfamily Gomphaeschnaoidinae Bechly *et al.*, 2001**

**Tribe Gomphaeschnaoidini Bechly *et al.*, 2001**

**3.145 Genus *Cretagomphaeschnaoides* Zheng et al., 2016***Cretagomphaeschnaoides* Zheng et al., 2016a: 2. Type species: *Cretagomphaeschnaoides jarzembowskiae* Zheng et al., 2016.**200) *Cretagomphaeschnaoides jarzembowskiae* Zheng et al., 2016***Cretagomphaeschnaoides jarzembowskiae* Zheng et al., 2016a: 2.

Type specimen(s). H: NIGP164770 (NIGP).

**Family Gomphidae Rambur, 1842****Subfamily Lindeniinae Jacobson & Bianchi, 1905****3.146 Genus *Burmalindenia* Schädel & Bechly, 2016***Burmalindenia* Schädel & Bechly, 2016: 540. Type species: *Burmalindenia imperfecta* Schädel & Bechly, 2016.**201) *Burmalindenia imperfecta* Schädel & Bechly, 2016***Burmalindenia imperfecta* Schädel & Bechly, 2016: 540.

Type specimen(s). H: SMNS Bu-94 (SMNS).

**Suborder Zygoptera Selys, 1854****Family Hemiphlebiidae Kennedy, 1920****3.147 Genus *Burmahemiphlebia* Zheng et al., 2016***Burmahemiphlebia* Zheng et al., 2016a: 2. Type species: *Burmahemiphlebia zhangii* Zheng et al., 2016.**202) *Burmahemiphlebia zhangii* Zheng et al., 2016***Burmahemiphlebia zhangii* Zheng et al., 2016a: 2.

Type specimen(s). H: NIGP163664 (NIGP). P (?): NIGP163665 (NIGP).

Additional materials. NIGP163299 (NIGP).

**Family Dysagrionidae Cockerell, 1908****3.148 Genus *Palaeodysagrion* Zheng et al., 2016***Palaeodysagrion* Zheng et al., 2016b: 7. Type species: *Palaeodysagrion cretacicus* Zheng et al., 2016.**203) *Palaeodysagrion cretacicus* Zheng et al., 2016***Palaeodysagrion cretacicus* Zheng et al., 2016b: 7.

Type specimen(s). H: NIGP163546(NIGP).

**Subfamily Burmadysagrioninae Zheng, Wang & Nel, 2016****3.149 Genus *Burmadysagrion* Zheng, Wang & Nel, 2016***Burmadysagrion* Zheng, Wang & Nel, 2016c: 127. Type species: *Burmadysagrion zhangii* Zheng, Wang & Nel, 2016.**204) *Burmadysagrion zhangii* Zheng, Wang & Nel, 2016***Burmadysagrion zhangii* Zheng, Wang & Nel, 2016c: 127.

Type specimen(s). H: NIGP164516 (NIGP).

**Superfamily Coenagrionidea Kirby, 1890****Family Platycnemididae Jacobson & Bianchi, 1905**

**Subfamily Disparoneurinae Fraser, 1957**

**3.150 Genus *Cretadisparoneura* Huang, Azar, Cai & Nel, 2015**

*Cretadisparoneura* Huang, Azar, Cai & Nel, 2015b: 240. Type species: *Cretadisparoneura hongii* Huang, Azar, Cai & Nel, 2015.

**205) *Cretadisparoneura hongii* Huang, Azar, Cai & Nel, 2015**

*Cretadisparoneura hongii* Huang, Azar, Cai & Nel, 2015b: 240.

Type specimen(s). H: NIGP 161888 (NIGP).

**Subfamily Palaeodisparoneurinae Poinar, Bechly & Buckley, 2010**

**3.151 Genus *Palaeodisparoneura* Poinar, Bechly & Buckley, 2010**

*Palaeodisparoneura* Bechly & Buckley, 2010: 16. Type species: *Palaeodisparoneura burmanica* Poinar, Bechly & Buckley, 2010.

**206) *Palaeodisparoneura burmanica* Poinar, Bechly & Buckley, 2010**

*Palaeodisparoneura burmanica* Poinar, Bechly & Buckley, 2010: 16.

Type specimen(s). H (♂): no. E17 (RBAC).

**Family Platystictidae Laidlaw, 1924**

**3.152 Genus *Mesosticta* Huang, Azar, Cai & Nel, 2015**

*Mesosticta* Huang, Azar, Cai & Nel, 2015b: 238. Type species: *Mesosticta burmatica* *Mesosticta* Huang, Azar, Cai & Nel, 2015.

**207) *Mesosticta burmatica* Huang, Azar, Cai & Nel, 2015**

*Mesosticta burmatica* Huang, Azar, Cai & Nel, 2015b: 238.

Type specimen(s). H: NIGP161758 (NIGP). P (?): NIGP161759 (NIGP).

**208) *Mesosticta electronica* Zheng *et al.*, 2016**

*Mesosticta electronica* Zheng *et al.*, 2016e: 144.

Type specimen(s). H: NIGP163685 (NIGP).

**Superfamily Calopterygoidea Selys, 1850**

**Family Perilestidae Kennedy, 1920**

**3.153 Genus *Palaeoperilestes* Zheng *et al.*, 2016**

*Palaeoperilestes* Zheng *et al.*, 2016d: 200. Type species: *Palaeoperilestes electronicus* Zheng *et al.*, 2016.

**209) *Palaeoperilestes electronicus* Zheng *et al.*, 2016**

*Palaeoperilestes electronicus* Zheng *et al.*, 2016d: 200.

Type specimen(s). H: NIGP163955 (NIGP).

**Order Blattaria Latreille, 1810**

**Family Raphidiomimidae Vishniakova, 1973**

**3.154 Genus *Raphidiomimula* Grimaldi & Ross, 2004**

*Raphidiomimula* Grimaldi & Ross, 2004: 101. Type species: *Raphidiomimula burmitica* Grimaldi & Ross, 2004.

**210) *Raphidiomimula burmitica* Grimaldi & Ross, 2004**

*Raphidiomimula burmitica* Grimaldi & Ross, 2004: 103.

Type specimen(s). H: NHM In.20150 (3) (NHML).

**Superfamily Corydioidea Saussure, 1864**

**Family Manipulatoridae Vršanský & Bechly, 2015**

**3.155 Genus *Manipulator* Vršanský & Bechly, 2015**

*Manipulator* Vršanský & Bechly, 2015: 2. Type species: *Manipulator modificaputis* Vršanský & Bechly, 2015.

**211) *Manipulator modificaputis* Vršanský & Bechly, 2015**

*Manipulator modificaputis* Vršanský & Bechly, 2015: 2.

Type specimen(s). H (♂): no. SMNS Bu-116 (SMNS).

**Order Alienoptera Bai, Beutel, Klass, Wipfler & Zhang, 2016**

**Family Alienopteridae Bai, Beutel, Klass, Wipfler & Zhang, 2016**

**3.156 Genus *Alienopterus* Bai, Beutel, Klass, Wipfler & Zhang, 2016**

*Alienopterus* Bai, Beutel, Klass, Wipfler & Zhang, 2016: 5. Type species: *Alienopterus brachyelytrus* Bai, Beutel, Klass, Wipfler & Zhang, 2016.

**212) *Alienopterus brachyelytrus* Bai, Beutel, Klass, Wipfler & Zhang, 2016**

*Alienopterus brachyelytrus* Bai, Beutel, Klass, Wipfler & Zhang, 2016: 5.

Type specimen(s). H (♂): No. BU-001057 (EMTG).

**Order Mantodea Burmeister, 1838**

**Family Gryllomantidae Gorochov, 2006**

**3.157 Genus *Burmantis* Grimaldi, 2003**

*Burmantis* Grimaldi, 2003: 12. Type species: *Burmantis asiatica* Grimaldi, 2003.

**213) *Burmantis asiatica* Grimaldi, 2003**

*Burmantis asiatica* Grimaldi, 2003: 12.

Type specimen(s). H: nymph (AMNH).

**214) *Burmantis burmitica* (Grimaldi, 2003)**

*Jersimantis burmiticus* Grimaldi, 2003: 23.

*Burmantis burmiticus*: Gorochov, 2006: 648.

Type specimen(s). H: nymph, AMNH Bu170 (AMNH).

**215) *Burmantis zherikhini* Delclòs *et al.*, 2016**

*Burmantis zherikhini* Delclòs *et al.*, 2016: 102.

Type specimen(s). H: no. NMS G.2010.20.8 (NMS).

**Family Mantoblattidae Gorochov, 2006**

**3.158 Genus *Mantoblatta* Gorochov, 2006**

*Mantoblatta* Gorochov, 2006: 649. Type species: *Mantoblatta mira* Gorochov, 2006.

**216) *Mantoblatta mira* Gorochov, 2006**

*Mantoblatta mira* Gorochov, 2006: 649.

Type specimen(s). H: NHM, In. 19132-2 (NHML), complete early instar nymph.

**Order Isoptera Latreille, 1817**

**Family Kalotermitidae Banks, 1919**

**3.159 Genus *Kachinitermopsis* Engel & Delclòs, 2010**

*Kachinitermopsis* Engel & Delclòs, 2010: 128. Type species: *Kaloterme burmensis* Poinar, 2009.

**217) *Kachinitermopsis burmensis* (Poinar, 2009)**

*Kaloterme burmensis* Poinar, 2009a: 2.

*Kachinitermopsis burmensis*: Engel & Delclòs, 2010: 128.

Type specimen(s). H: Specimen B-I-2 (PACO).

**3.160 Genus *Proelectrotermes* Rosen, 1913**

*Proelectrotermes* Rosen, 1913: 331. Type species: *Termes (Kaloterme) berendtii* Pictet-Baraban, 1856.

*Caloterme (Neotermites)* Armbruster, 1941: 18. Type species: *Caloterme (Neotermites) roseni* Armbruster, 1941.

**218) *Proelectrotermes holmgreni* Engel *et al.*, 2007**

*Proelectrotermes holmgreni* Engel *et al.*, 2007: 25.

Type specimen(s). H: AMNH Bu-043 (AMNH).

**219) *Proelectrotermes swinhoi* (Cockerell, 1916)**

*Termopsis swinhoi* Cockerell, 1916: 138.

*Mioterme? swinhoi*: Armbruster, 1941: 41.

*Kaloterme swinhoi*: Williams, 1968: 547.

*Proelectrotermes swinhoi*: Engel *et al.*, 2007: 24.

Type specimen(s). H: NHML In. 19096 (NHML).

**Family Styloniscidae Vandel, 1952**

**Subfamily Styloniscinae Vandel, 1952**

**3.161 Genus *Myanmariscus* Broly, Maillet & Ross, 2015**

*Myanmariscus* Broly, Maillet & Ross, 2015: 221. Type species: *Myanmariscus deboiseae* Broly, Maillet & Ross, 2015.

**220) *Myanmariscus deboiseae* Broly, Maillet & Ross, 2015**

*Myanmariscus deboiseae* Broly, Maillet & Ross, 2015: 221.

Type specimen(s). H (♀): NMS G.2010.20.42 (NMS).

**Family Rhinotermitidae Froggatt, 1897**

**Subfamily Archeorhinotermitinae Krishna & Grimaldi, 2003**

**3.162 Genus *Archeorhinoterme* Krishna & Grimaldi, 2003**

*Archeorhinoterme* Krishna & Grimaldi, 2003: 4. Type species: *Archeorhinoterme rossi* Krishna & Grimaldi, 2003.

**221) *Archeorhinoterme rossi* Krishna & Grimaldi, 2003**

*Archeorhinoterme rossi* Krishna & Grimaldi, 2003: 4.

Type specimen(s). H: NHM In. 20160 (NHML).



**Family incertae sedis****3.163 Genus *Dharmatermes* Engel et al., 2007**

*Dharmatermes* Engel et al., 2007: 16. Type species: *Dharmatermes avernalis* Engel et al., 2007.

**222) *Dharmatermes avernalis* Engel et al., 2007**

*Dharmatermes avernalis* Engel et al., 2007: 19.

Type specimen(s). H: AMNH Bu-313 (AMNH).

**3.164 Genus *Ginormotermes* Engel, Barden & Grimaldi, 2016**

*Gigantotermes* Engel, Barden & Grimaldi, in: Engel et al., 2016a: 524, nomen preoccupatum (nec *Gigantotermes* Haase, 1890). Type species: *Gigantotermes rex* Engel, Barden & Grimaldi, 2016.

*Ginormotermes* Engel, Barden & Grimaldi, 2016b: 2.

**223) *Ginormotermes rex* (Engel et al., 2016)**

*Gigantotermes rex* Engel et al., 2016a: 526.

*Ginormotermes rex*: Engel, Barden & Grimaldi, 2016b: 2.

Type specimen(s). H: AMNH BU-TJ001 (AMNH).

**3.165 Genus *Kachinitermes* Engel et al., 2007**

*Kachinitermes* Engel et al., 2007: 26. Type species: *Hodotermes tristis* Cockerell, 1917.

**224) *Kachinitermes tristis* (Cockerell, 1917)**

*Hodotermes tristis* Cockerell, 1917d: 329.

*Kachinitermes tristis*: Engel et al., 2007: 27.

Type specimen(s). H: NHML In. 19103 (NHML).

**3.166 Genus *Krishnatermes* Engel, Barden & Grimaldi, 2016**

*Krishnatermes* Engel, Barden & Grimaldi, 2016a: 523. Type species: *Krishnatermes yoddha* Engel, Barden & Grimaldi, 2016.

**225) *Krishnatermes yoddha* Engel, Barden & Grimaldi, 2016**

*Krishnatermes yoddha* Engel, Barden & Grimaldi, 2016a: 523.

Type specimen(s). H: JZC-Bu1839a (AMNH). P (4??): Bu1839b, JZC-Bu183; Bu942a, b(AMNH).

**3.167 Genus *Mylacrotermes* Engel et al., 2007**

*Mylacrotermes* Engel et al., 2007: 14. Type species: *Mylacrotermes cordatus* Engel et al., 2007.

**226) *Mylacrotermes cordatus* Engel et al., 2007**

*Mylacrotermes cordatus* Engel et al., 2007: 14.

Type specimen(s). H: SEMC KU-Bu-045 (KUC).

**3.168 Genus *Tanytermes* Engel et al., 2007**

*Tanytermes* Engel et al., 2007: 20. Type species: *Tanytermes anawrahtai* Engel et al., 2007.

**227) *Tanytermes anawrahtai* Engel et al., 2007**

*Tanytermes anawrahtai* Engel et al., 2007: 23.

Type specimen(s). H: AMNH Bu-1608 (AMNH).

**Order Orthoptera Olivier, 1789**  
**Suborder Ensifera Chopard, 1920**  
**Superfamily Elcanoidea Handlirsch, 1906**  
**Family Elcanidae Handlirsch, 1906**

**3.169 Genus *Longioculus* Poinar, Gorochov & Buckley, 2007**

*Longioculus* Poinar Gorochov & Buckley, 2007: 651. Type species: *Longioculus burmensis* Poinar, Gorochov & Buckley, 2007.

**228) *Longioculus burmensis* Poinar, Gorochov & Buckley, 2007**

*Longioculus burmensis* Poinar, Gorochov & Buckley, 2007: 651.

Type specimen(s). H (♂): # ab 307 (RBAC).

**3.170 Genus *Burmelcana* Peñalver & Grimaldi, 2010**

*Burmelcana* Peñalver & Grimaldi, 2010: 89. Type species: *Burmelcana longirostris* Peñalver & Grimaldi, 2010.

**229) *Burmelcana longirostris* Peñalver & Grimaldi, 2010**

*Burmelcana longirostris* Peñalver & Grimaldi, 2010: 90.

Type specimen(s). H: AMNH Bu-1451 nymph (AMNH).

**Suborder Ensifera Chopard, 1920**  
**Superfamily Grylloidea Laicharting, 1781**  
**Family Mogoplistidae Brunner-Wattenwyl, 1873**  
**Subfamily Protomogoplistinae Gorochov, 2010**

**3.171 Genus *Protomogoplistes* Gorochov, 2010**

*Protomogoplistes* Gorochov, 2010: 436. Type species: *Protomogoplistes asquamosus* Gorochov, 2010.

**230) *Protomogoplistes asquamosus* Gorochov, 2010**

*Protomogoplistes asquamosus* Gorochov, 2010: 436.

Type specimen(s). H: NHM In. 20188-1 early instar nymph (NHML).

**Suborder Caelifera Ander, 1936**  
**Superfamily Tridactyloidea Brulle, 1835**  
**Family Tridactylidae Brullé, 1835**  
**Subfamily Dentractylinae Günther, 1979**

**3.172 Genus *Burmadactylus* Heads, 2009**

*Burmadactylus* Heads, 2009: 77. Type species: *Burmadactylus grimaldii* Heads, 2009.

**231) *Burmadactylus grimaldii* Heads, 2009**

*Burmadactylus grimaldii* Heads, 2009: 77.

Type specimen(s). H (♂): Bu1452 (AMNH).

**Subfamily Mongoloxyna Gorochov, 1992**

**3.173 Genus *Birmitoxya* Gorochov, 2010**

*Birmitoxya* Gorochov, 2010: 667. Type species: *Birmitoxya intermedia* Gorochov, 2010.

**232) *Birmitoxya intermedia* Gorochov, 2010**

*Birmitoxya intermedia* Gorochov, 2010: 669.

Type specimen(s). H: NHML In. 20188-2 middle or late instar nymph (NHML).

**Order Phasmatodea Jacobson & Bianchi, 1902**  
**Suborder Verophasmatodea Zompro, 2004**  
**Superfamily Anareolatae Redtenbacher, 1906**  
**Family Phasmatidae Gray, 1835**  
**Subfamily Echinomiscinae Engel, 2016**

**3.174 Genus *Echinomiscus* Engel, 2016**

*Echinomiscus* Engel, 2016b: 48. Type species: *Echinomiscus primoticus* Engel & Wang, 2016.

**233) *Echinomiscus primoticus* Engel & Wang, 2016**

*Echinomiscus primoticus* Engel & Wang, 2016b: 48.

Type specimen(s). H (♀): NIGP 163536 (NIGP).

**Order Dermaptera de Geer, 1773**  
**Suborder Neodermaptera Engel, 2003**  
**Family Diplatyidae Verhoeff, 1902**

**3.175 Genus *Tythodiplatys* Engel, 2011**

*Tythodiplatys* Engel, 2011: 140. Type species: *Tythodiplatys mecynocercus* Engel, 2011.

**234) *Tythodiplatys mecynocercus* Engel, 2011**

*Tythodiplatys mecynocercus* Engel, 2011: 142.

Type specimen(s). H (♀): AMNH Bu-FB75 (AMNH).

**Family Pygidicranidae Verhoeff, 1902**  
**Subfamily Astreptolabidinae Engel, 2011**

**3.176 Genus *Astreptolabis* Engel, 2011**

*Astreptolabis* Engel, 2011: 140. Type species: *Astreptolabis ethirosomatia* Engel, 2011.

**235) *Astreptolabis ethirosomatia* Engel, 2011**

*Astreptolabis ethirosomatia* Engel, 2011: 140.

Type specimen(s). H (♀): AMNH Bu-FB20 (AMNH).

**Subfamily Burmapygiinae Engel & Grimaldi, 2004**

**3.177 Genus *Burmapygia* Engel & Grimaldi, 2004**

*Burmapygia* Engel & Grimaldi, 2004: 1019. Type species: *Burmapygia resinata* Engel & Grimaldi, 2004.

**236) *Burmapygia resinata* Engel & Grimaldi, 2004**

*Burmapygia resinata* Engel & Grimaldi, 2004: 1019.

Type specimen(s). H (♀): AMNH Bu-274 (AMNH).

**Suborder Neodermaptera Engel, 2003**  
**Infraorder Epidermaptera Engel, 2003**

**Family Labiduridae Verhoeff, 1902**

**3.178 Genus *Myrrholabia* Engel & Grimaldi, 2004**

*Myrrholabia* Engel & Grimaldi, 2004: 1020. Type species: *Labidura electrina* Cockerell, 1920.

**237) *Myrrholabia electrina* (Cocerell, 1920)**

*Labidura electrina* Cocerell, 1920: 212.

*Myrrholabia electrina*: Engel & Grimaldi, 2004: 1020.

Type specimen(s). H: NHML In. 20146 (NHML).

**3.179 Genus *Zigrasolabis* Engel & Grimaldi, 2014**

*Zigrasolabis* Engel & Grimaldi, 2014a: 3. Type species: *Zigrasolabis speciosa* Engel & Grimaldi, 2014.

**238) *Zigrasolabis speciosa* Engel & Grimaldi, 2014**

*Zigrasolabis speciosa* Engel & Grimaldi, 2014a: 7.

Type specimen(s). H (♂): JZC-Bu232 (JZC). P (2♀): JZC-Bu232 (JZC).

**Family Anisolabididae Verhoeff, 1902**

**3.180 Genus *Toxolabis* Engel & Grimaldi, 2014**

*Toxolabis* Engel & Grimaldi, 2014a: 9. Type species: *Toxolabis zigrasi* Engel & Grimaldi, 2014.

**239) *Toxolabis zigrasi* Engel & Grimaldi, 2014**

*Toxolabis zigrasi* Engel & Grimaldi, 2014a: 10.

Type specimen(s). H (♀): JZC-Bu231 (JZC).

**Order Grylloblattodea Walker, 1914**

**Suborder Grylloblattina Walker, 1914**

**Family *incertae sedis***

**3.181 Genus *Sylvalitoralis* Aristov, Novokshonov & Pan'kov, 2006**

*Sylvalitoralis* Aristov, Novokshonov & Pan'kov, 2006: 86. Type species: *Tshekardites calcomessor* Aristov, 2004.

**240) *Sylvalitoralis cheni* Zhang, Bai & Yang, 2016**

*Sylvalitoralis cheni* Zhang, Bai & Yang, 2016c: 328.

Type specimen(s). H (♀): No. BU-001678 (EMTG).

**Order Embioptera Lameere, 1900**

**Family Sorellembiidae Engel & Grimaldi, 2006**

**3.182 Genus *Sorellembia* Engel & Grimaldi, 2006**

*Sorellembia* Engel & Grimaldi, 2006a: 5. Type species: *Sorellembia estherae* Engel & Grimaldi, 2006.

**241) *Sorellembia estherae* Engel & Grimaldi, 2006**

*Sorellembia estherae* Engel & Grimaldi, 2006a: 5.

Type specimen(s). H (♂): AMNH Bu-227 (AMNH).

**Suborder Neoembiodea Engel & Grimaldi, 2006**

**Family Notoligotomidae Davis, 1940**  
**Subfamily Burmitembiinae Engel & Grimaldi, 2006**

**3.183 Genus *Burmitembia* Cockerell, 1919**

*Burmitembia* Cockerell, 1919b: 194. Type species: *Burmitembia venosa* Cockerell, 1919.

**242) *Burmitembia venosa* Cockerell, 1919**

*Burmitembia venosa* Cockerell, 1919b: 195.

Type specimen(s). H: NHML In. 19132 (NHML).

**Family Oligotomidae Enderlein, 1909**

**3.184 Genus *Litoclostes* Engel & Huang, 2016**

*Litoclostes* Engel & Huang, 2016d: 122. Type species: *Litoclostes delicatus* Engel & Huang, 2016.

**243) *Litoclostes delicatus* Engel & Huang, 2016**

*Litoclostes delicatus* Engel & Huang, 2016d: 122.

Type specimen(s). H (♂♀): HP-B-4164, NIGP 162535 (NIGP).

**Suborder Clothododea Engel & Grimaldi, 2006**

**Infraorder Clothodomorpha Engel & Huang, 2015**

**Family Clothodidae Enderlein, 1909**

**Subfamily Atmetoclothodinae Engel & Huang, 2016**

**3.185 Genus *Atmetoclothoda* Engel & Huang, 2016**

*Atmetoclothoda* Engel & Huang, 2016g: 120. Type species: *Atmetoclothoda orthotenes* Engel & Huang, 2016.

**244) *Atmetoclothoda orthotenes* Engel & Huang, 2016**

*Atmetoclothoda orthotenes* Engel & Huang, 2016g: 121.

Type specimen(s). H (♂): HP-B-6241, NIGP 162534 (NIGP).

**Order Zoraptera Silvestri, 1913**

**Family Zorotypidae Silvestri, 1913**

**3.186 Genus *Xenozorotypus* Engel & Grimaldi, 2002**

*Xenozorotypus* Engel & Grimaldi, 2002: 12. Type species: *Xenozorotypus burmiticus* Engel & Grimaldi, 2002.

**245) *Xenozorotypus burmiticus* Engel & Grimaldi, 2002**

*Xenozorotypus burmiticus* Engel & Grimaldi, 2002: 13.

Type specimen(s). H (♂): Bu 182 (AMNH).

**3.187 Genus *Zorotypus* Silvestri, 1913**

*Zorotypus* Silvestri, 1913: 196. Type species: *Zorotypus guineensis* Silvestri, 1913.

**Subgenus *Zorotypus (Octozoros)* Engel, 2003**

*Zorotypus (Octozoros)* Engel, 2003b: 148. Type species: *Zorotypus (Octozoros) nascimbenei* Engel & Grimaldi, 2002.

**246) *Zorotypus (Octozoros) acanthothorax* Engel & Grimaldi, 2002**

*Zorotypus acanthothorax* Engel & Grimaldi, 2002: 10.

*Zorotypus (Octozoros) acanthothorax*: Engel, 2003b: 148.

Type specimen(s). H (♂): AMNH Bu-966 (AMNH).

**247) *Zorotypus (Octozoros) nascimbenei* Engel & Grimaldi, 2002**

*Zorotypus nascimbenei* Engel & Grimaldi, 2002: 7.

*Zorotypus (Octozoros) nascimbenei*: Engel, 2003b: 148.

Type specimen(s). H (♀): AMNH Bu-341 (AMNH).

**Subgenus *incertae sedis***

**248) *Zorotypus cretatus* Engel & Grimaldi, 2002**

*Zorotypus cretatus* Engel & Grimaldi, 2002: 4.

Type specimen(s). H: AMNH Bu-044 (AMNH).

**Superorder Pancondylognatha Yoshizawa & Leinhard, 2016**

**Order *Incertae sedis***

**Family Archipsyllidae Handlirsch, 1906**

**3.188 Genus *Burmopsylla* Liang, Zhang & Liu, 2016**

*Burmopsylla* Liang, Zhang & Liu, 2016: 484. Type species: *Burmopsylla maculata* Liang, Zhang & Liu, 2016.

**249) *Burmopsylla maculata* Liang, Zhang & Liu, 2016**

*Burmopsylla maculata* Liang, Zhang & Liu, 2016: 485.

Type specimen(s). H (♂): EMTG BU-001053 (EMTG). P (♀): EMTG BU-001056, EMTG BU-001087 (EMTG).

**3.189 Genus *Mydiognathus* Yoshizawa & Leinhard, 2016**

*Mydiognathus* Yoshizawa & Leinhard, 2016: 231. Type species: *Mydiognathus eviohloffae* Yoshizawa & Leinhard, 2016.

**250) *Mydiognathus eviohloffae* Yoshizawa & Leinhard, 2016**

*Mydiognathus eviohloffae* Yoshizawa & Leinhard, 2016: 231.

Type specimen(s). H (♂): SMNS Bu-174 (SMNS).

**3.190 Genus *Psocorrhyncha* Huang *et al.*, 2016**

*Psocorrhyncha* Huang *et al.*, 2016: 3. Type species: *Psocorrhyncha burmitica* Huang *et al.*, 2016.

**251) *Psocorrhyncha burmitica* Huang *et al.*, 2016**

*Psocorrhyncha burmitica* Huang *et al.*, 2016: 3.

Type specimen(s). H (♂): NIGP161473 (NIGP); allotype (2♀): SMNS Bu-157, SMNS Bu-135 (SMNS). P (♂): NIGP161474 (♂) (NGIP).

**Order Psocodea Shipley, 1904**

**Suborder Trogiomorpha Roesler, 1944**

**Family Archaeatropidae Baz & Ortuño, 2000**

**3.191 Genus *Archaeatropos* Baz & Ortuño, 2000**

*Archaeatropos* Baz & Ortuño, 2000: 639. Type species: *Archaeatropos alavensis* Baz & Ortuño, 2000.

**252) *Archaeatropos perantiqua* (Cockerell, 1919)**

*Psylloneura perantiqua* Cockerell, 1919a: 241.

*Archaeatropos perantiqua*: Mockford, Lienhard & Yoshizawa, 2013: 5.

Type specimen(s). H: NHML In.19136 (NHML).

**Suborder Troctomorpha Roesler, 1944**

**Family Compsocidae Mockford, 1967**

**3.192 Genus *Burmacompsocus* Nel & Waller, 2007**

*Burmacompsocus* Nel & Waller, 2007: 1039. Type species: *Burmacompsocus perreaui* Nel & Waller, 2007.

**253) *Burmacompsocus banksi* (Cockerell, 1916)**

*Psyllipsocus* (?) *banksi* Cockerell, 1916: 136.

*Burmacompsocus banksi*: Mockford, Lienhard & Yoshizawa, 2013: 13.

Type specimen(s). H: NHML In.19097 (NHML).

**254) *Burmacompsocus perreaui* Nel & Waller, 2007**

*Burmacompsocus perreaui* Nel & Waller, 2007: 1039.

Type specimen(s). H: specimen Burm1 (MPC). P (?): specimen Burm2 (MPC).

**3.193 Genus *Paraelectrentomopsis* Azar, Hakim & Huang, 2016**

*Paraelectrentomopsis* Azar, Hakim & Huang, 2016: 29. Type species: *Paraelectrentomopsis chenyangcai* Azar, Hakim & Huang, 2016.

**255) *Paraelectrentomopsis chenyangcai* Azar, Hakim & Huang, 2016**

*Paraelectrentomopsis chenyangcai* Azar, Hakim & Huang, 2016: 30.

Type specimen(s). H (♀): NIGP 164488 (NIGP).

**Family Liposcelidae Enderlein, 1911**

**3.194 Genus *Cretoscelis* Grimaldi & Engel, 2005**

*Cretoscelis* Grimaldi & Engel, 2005: 626. Type species: *Cretoscelis burmitica* Grimaldi & Engel, 2005.

**256) *Cretoscelis burmitica* Grimaldi & Engel, 2005**

*Cretoscelis burmitica* Grimaldi & Engel, 2005: 626.

Type specimen(s). H (♀): AMNH Bu912 (AMNH).

**Family Pachytroctidae Enderlein, 1911**

**Subfamily Tapinellinae Enderlein, 1908**

**3.195 Genus *Burmipachytrocta* Azar, Huang, Cai & Nel, 2015**

*Burmipachytrocta* Azar, Huang, Cai & Nel, 2015: 340. Type species: *Burmipachytrocta singularis* Azar, Huang, Cai & Nel, 2015.

**257) *Burmipachytrocta singularis* Azar, Huang, Cai & Nel, 2015**

*Burmipachytrocta singularis* Azar, Huang, Cai & Nel, 2015: 340.

Type specimen(s). H (♀): NIGP159660 (NIGP).

**3.196 Genus *Atapinella* Azar, Huang, Cai & Nel, 2015**

*Atapinella* Azar, Huang, Cai & Nel, 2015: 343. Type species: *Atapinella garroustei* Azar, Huang, Cai & Nel, 2015.

**258) *Atapinella garroustei* Azar, Huang, Cai & Nel, 2015**

*Atapinella garroustei* Azar, Huang, Cai & Nel, 2015: 343.

Type specimen(s). H (♀): NIGP159661 (NIGP).

**Order Thysanoptera Haliday, 1836**

**Suborder Lophioneurina Tillyard, 1921**

**Family Lophioneuridae Tillyard, 1921**

**Subfamily Lophioneurinae Tillyard, 1921**

**3.197 Genus *Burmacypha* Zherikhin, 2000**

*Burmacypha* Zherikhin, 2000: 39. Type species: *Burmacypha longicornis* Zherikhin, 2000.

**259) *Burmacypha longicornis* Zherikhin, 2000**

*Burmacypha longicornis* Zherikhin, 2000: 39.

Type specimen(s). H (?♂): In.20194. I (NHML).

**Order Hemiptera Linnaeus, 1758**

**Family Kozariidae Ve & Grimaldi, 2015**

**3.198 Genus *Kozarius* Ve & Grimaldi, 2015**

*Kozarius* Ve & Grimaldi, 2015: 20. Type species: *Kozarius achronus* Ve & Grimaldi, 2015.

**260) *Kozarius achronus* Ve & Grimaldi, 2015**

*Kozarius achronus* Ve & Grimaldi, 2015: 22.

Type specimen(s). H (♂): AMNH Bu-233a (AMNH).

**261) *Kozarius perpetuus* Ve & Grimaldi, 2015**

*Kozarius perpetuus* Ve & Grimaldi, 2015: 20.

Type specimen(s). H (♂): AMNH Bu-1163 (AMNH).

**Family Weitschatiidae Koteja, 2008**

**3.199 Genus *Pseudoweitschatus* Ve & Grimaldi, 2015**

*Pseudoweitschatus* Ve & Grimaldi, 2015: 16. Type species: *Pseudoweitschatus audebertis* Ve & Grimaldi, 2015.

**262) *Pseudoweitschatus audebertis* Ve & Grimaldi, 2015**

*Pseudoweitschatus audebertis* Ve & Grimaldi, 2015: 16.

Type specimen(s). H (♂): AMNH Bu-1416 (AMNH).

**Suborder Cicadomorpha Evans, 1946**

**Superfamily Cicadoidea Latreille, 1802**

**Family Cicadidae Latreille, 1802**

**3.200 Genus *Niryasaburnia* Szwed, 2004**

*Niryasaburnia* Szwed, 2004: 105. Type specie: *Liburnia burmitina* Cockerell, 1917.

**263) *Niryasaburnia burmitina* (Cockerell, 1917)**

*Liburnia burmitina* Cockerell, 1917d: 329.

*Niryasaburnia burmitina*: Szwed, 2004: 105.



Type specimen(s). H (♀): In. 19105 (NHML).

**?Family Cixiidae Spinola, 1839**

**3.201 Genus *Plecophlebus* Cockerell, 1917**

*Plecophlebus* Cockerell, 1917d: 327. Type species: *Plecophlebus nebulosus* Cockerell, 1917.

**264) *Plecophlebus nebulosus* Cockerell, 1917**

*Plecophlebus nebulosus* Cockerell, 1917d: 327.

Type specimen(s). H: NHML In.19094 (NHML).

**Family Perforissidae Shcherbakov, 2007**

**Subfamily Cixitettiginae Shcherbakov, 2007**

**3.202 Genus *Foveopsis* Shcherbakov, 2007**

*Foveopsis* Shcherbakov, 2007: 146. Type species: *Foveopsis fennahi* Shcherbakov, 2007.

**265) *Foveopsis fennahi* Shcherbakov, 2007**

*Foveopsis fennahi* Shcherbakov, 2007: 147.

Type specimen(s). H (♀): NHM In. 20172 (NHML).

**Suborder Sternorrhyncha Amyot & Serville, 1834**

**Family Protopsyllidiidae Carpenter, 1931**

**3.203 Genus *Postopsyllidium* Grimaldi, 2003**

*Postopsyllidium* Grimaldi, 2003: 330. Type species: *Postopsyllidium emilyae* Grimaldi, 2003.

**266) *Postopsyllidium rebecca* Grimaldi, 2003**

*Postopsyllidium rebecca* Grimaldi, 2003: 333.

Type specimen(s). H (♂): AMNH Bu137 (AMNH).

**Superfamily Aphidoidea Snashnikov 1964**

**Family Burmitaphidae Poinar & Brown, 2005**

**3.204 Genus *Burmitaphis* Poinar & Brown, 2005**

*Burmitaphis* Poinar & Brown, 2005: 839. Type species: *Burmitaphis prolatum* Poinar & Brown, 2005.

**267) *Burmitaphis prolatum* Poinar & Brown, 2005**

*Burmitaphis prolatum* Poinar & Brown, 2005: 839.

Type specimen(s). H (♂): B-He-14A (PACO). P (2♂): B-He-14B, B-He-14C (PACO).

**3.205 Genus *Caulinus* Poinar & Brown, 2005**

*Caulinus* Poinar & Brown, 2005: 841. Type species: *Caulinus burmitis* Poinar & Brown, 2005.

**268) *Caulinus burmitis* Poinar & Brown, 2005**

*Caulinus burmitis* Poinar & Brown, 2005: 841.

Type specimen(s). H (♀): B-He-15 (PACO).

**Superfamily Aleyrodoidea Westwood, 1840**  
**Family Aleyrodidae Westwood, 1840**

**3.206 Genus *Aleurodicus* Douglas, 1892**

*Aleurodicus* Douglas, in: Albert & Morgan, 1892: 32. Type species: *Aleurodicus cocois* Curtis, 1846.

**269) *Aleurodicus burmiticus* Cockerell, 1919**

*Aleurodicus burmiticus* Cockerell, 1919a: 241.

Type specimen(s). H: NHML In. 19134 (NHML).

**Subfamily Bernaeinae Shcherbakov, 2000**

**3.207 Genus *Burmoselis* Shcherbakov, 2000**

*Burmoselis* Shcherbakov, 2000: 33. Type species: *Burmoselis evelynae* Shcherbakov, 2000.

**270) *Burmoselis evelynae* Shcherbakov, 2000**

*Burmoselis evelynae* Shcherbakov, 2000: 34.

Type specimen(s). H (♀): In.20193 (NHML).

**Superfamily Coccoidea Fallen, 1814**  
**Family *incertae sedis***

**3.208 Genus *Alacrena* Vea & Grimaldi, 2015**

*Alacrena* Vea & Grimaldi, 2015: 43. Type species: *Pedicellicoccus marginatus* Vea & Grimaldi, 2015.

**271) *Alacrena peculiaris* Vea & Grimaldi, 2015**

*Alacrena peculiaris* Vea & Grimaldi, 2015: 43.

Type specimen(s). H (♂): AMNH Bu-1516 (AMNH).

**3.209 Genus *Magnilens* Vea & Grimaldi, 2015**

*Magnilens* Vea & Grimaldi, 2015: 45. Type species: *Kozarius achronus* Vea & Grimaldi, 2015.

**272) *Magnilens glaesaria* Vea & Grimaldi, 2015**

*Magnilens glaesaria* Vea & Grimaldi, 2015: 45.

Type specimen(s). H (♂): AMNH Bu-1418 (AMNH).

**3.210 Genus *Marmyan* Koteja, 2004**

*Marmyan* Koteja, 2004: 112. Type species: *Marmyan barbarae* Koteja, 2004.

**273) *Marmyan barbarae* Koteja, 2004**

*Marmyan barbarae* Koteja, 2004: 111.

Type specimen(s). H (♂): NHML In. 20160(1) (NHML).

**3.211 Genus *Pedicellicoccus* Vea & Grimaldi, 2015**

*Pedicellicoccus* Vea & Grimaldi, 2015: 46. Type species: *Pedicellicoccus marginatus* Vea & Grimaldi, 2015.

**274) *Pedicellicoccus marginatus* Vea & Grimaldi, 2015**

*Pedicellicoccus marginatus* Vea & Grimaldi, 2015: 47.

Type specimen(s). H (♂): AMNH Bu-458 (AMNH).

**3.212 Genus *Xiphos* Vea & Grimaldi, 2015**

*Xiphos* Vea & Grimaldi, 2015: 39. Type species: *Xiphos vani* Vea & Grimaldi, 2015.

**275) *Xiphos vani* Vea & Grimaldi, 2015**

*Xiphos vani* Vea & Grimaldi, 2015: 40.

Type specimen(s). H (♂): 1215 (PMNH).

**Family Coccidae Fallen, 1814**

**3.213 Genus *Rosahendersonia* Vea & Grimaldi, 2015**

*Rosahendersonia* Vea & Grimaldi, 2015: 55. Type species: *Rosahendersonia prisca* Vea & Grimaldi, 2015.

**276) *Rosahendersonia prisca* Vea & Grimaldi, 2015**

*Rosahendersonia prisca* Vea & Grimaldi, 2015: 56.

Type specimen(s). H (♂): AMNH Bu-835 (AMNH).

**Family Pseudococcidae Heymons, 1915**

**3.214 Genus *Gilderius* Vea & Grimaldi, 2015**

*Gilderius* Vea & Grimaldi, 2015: 53. Type species: *Gilderius eukrinops* Vea & Grimaldi, 2015.

**277) *Gilderius eukrinops* Vea & Grimaldi, 2015**

*Gilderius eukrinops* Vea & Grimaldi, 2015: 54.

Type specimen(s). H (♂): AMNH Bu-1594 (AMNH).

**Superfamily Orthezioidea Amyot & Serville, 1843**

**Family Burmacoccidae Koteja, 2004**

**3.215 Genus *Burmacoccus* Koteja, 2004**

*Burmacoccus* Koteja, 2004: 110. Type species: *Burmacoccus danyi* Koteja, 2004.

**278) *Burmacoccus danyi* Koteja, 2004**

*Burmacoccus danyi* Koteja, 2004: 110.

Type specimen(s). H (♂): NHML In. 20708 (NHML).

**Family Albicoccidae Koteja, 2004**

**3.216 Genus *Albicoccus* Koteja, 2004**

*Albicoccus* Koteja, 2004: 111. Type species: *Albicoccus dimai* Koteja, 2004.

**279) *Albicoccus dimai* Koteja, 2004**

*Albicoccus dimai* Koteja, 2004: 111.

Type specimen(s). H (♂): NHML In. 20155(2) (NHML).

**Family Ortheziidae Amyot & Serville, 1843**

**3.217 Genus *Burmorthezia* Vea & Grimaldi, 2012**

*Burmorthezia* Vea & Grimaldi, 2012: 763. Type species: *Burmorthezia kotejai* Vea & Grimaldi, 2012.

**280) *Burmorthezia kotejai* Vea & Grimaldi, 2012**

*Burmorthezia kotejai* Vea & Grimaldi, 2012: 763.

Type specimen(s). H (♀): Complete second-instar nymph, AMNH Bu-1094 (AMNH). P (?): Partial specimen (probably also secondinstar nymph) in same piece (AMNH).

**281) *Burmorthezia insolita* Vea & Grimaldi, 2012**

*Burmorthezia insolita* Vea & Grimaldi, 2012: 764.

Type specimen(s). H (♀): Complete second-instar nymph, amber piece number, AMNH Bu-1095 (AMNH).

**3.218 Genus *Wathondara* Simon, Szwedo & Xia, 2015**

*Wathondara* Simon, Szwedo & Xia, 2015: 1. Type species: *Wathondara kotejai* Simon, Szwedo & Xia, 2015.

**282) *Wathondara kotejai* Simon, Szwedo & Xia, 2015**

*Wathondara kotejai* Simon, Szwedo & Xia, 2015: 1.

Type specimen(s). H (♀): BA14011 (LAMS).

**Suborder Heteroptera Latreille, 1810**

**Infraorder Cimicomorpha Leston, Pendergrast & Southwood, 1954**

**Superfamily Cimicoidea Latreille, 1802**

**Family Cimicidae Latreille, 1802**

**3.219 Genus *Quasicimex* Engel, 2008**

*Quasicimex* Engel, 2008a: 233. Type species: *Quasicimex eilapinastes* Engel, 2008.

**283) *Quasicimex eilapinastes* Engel, 2008**

*Quasicimex eilapinastes* Engel, 2008a: 234.

Type specimen(s). H (♂): Bu-728 (AMNH).

**Superfamily Tingoidea Laporte, 1832**

**Family Tingidae Laporte, 1832**

**Subfamily Tingiometrinae Heiss, Golub & Popov, 2015**

**3.220 Genus *Tingiometra* Heiss, Golub & Popov, 2015**

*Tingiometra* Heiss, Golub & Popov, 2015: 2. Type species: *Tingiometra burmanica* Heiss, Golub & Popov, 2015.

**284) *Tingiometra burmanica* Heiss, Golub & Popov, 2015**

*Tingiometra burmanica* Heiss, Golub & Popov, 2015: 3.

Type specimen(s). Unknown.

**Subfamily Tinginae Laporte, 1832**

**Tribe Phatnomatini Drake & Davis, 1960**

**3.221 Genus *Spinitingis* Heiss & Guilbert, 2013**

*Spinitingis* Heiss & Guilbert, 2013: 380. Type species: *Spinitingis ellenbergeri* Heiss & Guilbert, 2013.

**285) *Spinitingis ellenbergeri* Heiss & Guilbert, 2013**

*Spinitingis ellenbergeri* Heiss & Guilbert, 2013: 380.

Type specimen(s). H (♂): BUB-Ting-1 (CEHI).

**Subfamily status tentatively between Vianaidinae and Tinginae+Cantacaderinae**

**3.222 Genus *Burmacader* Heiss & Guilbert, 2013**

*Burmacader* Heiss & Guilbert, 2013: 381. Type species: *Burmacader multivenosus* Heiss & Guilbert, 2013.

**286) *Burmacader multivenosus* Heiss & Guilbert, 2013**

*Burmacader multivenosus* Heiss & Guilbert, 2013: 383.

Type specimen(s). H (♀): BUB-Ting-2 (CEHI).

**Infraorder Dipsocoromorpha Miyamoto, 1961  
Family Schizopteridae Reuter, 1891**

**3.223 Genus *Lumatibialis* Poinar, 2015**

*Lumatibialis* Poinar, 2015: 376. Type species: *Lumatibialis burmitis* Poinar, 2015.

**287) *Lumatibialis burmitis* Poinar, 2015**

*Lumatibialis burmitis* Poinar, 2015: 376.

Type specimen(s). H (♂): # B-He-24A (PACO)

**3.224 Genus *Hexaphlebia* Poinar, 2015**

*Hexaphlebia* Poinar, 2015: 376. Type species: *Hexaphlebia burmanica* Poinar, 2015.

**288) *Hexaphlebia burmanica* Poinar, 2015**

*Hexaphlebia burmanica* Poinar, 2015: 377.

Type specimen(s). H (♂): # B-He-24B (PACO).

**Subfamily Hypselosomatinae Esaki & Miyamoto, 1959**

**3.225 Genus *Tanaia* Perrichot *et al.*, 2007**

*Tanaia* Perrichot *et al.*, 2007: 1371. Type species: *Tanaia burmitica* Perrichot *et al.*, 2007.

**289) *Tanaia burmitica* Perrichot *et al.*, 2007**

*Tanaia burmitica* Perrichot *et al.*, 2007: 1371.

Type specimen(s). H (♂): AMNH Bu-720 (AMNH). P (?♀): AMNH Bu-965 (AMNH).

**Infraorder Enicocephalomorpha Stichel, 1955  
Superfamily Enicocephaloidea Stal, 1860  
Family Enicocephalidae Stal, 1860**

**3.226 Genus *Paenicotechys* Stys, 1969**

*Paenicotechys* Stys, 1969: 353. Type species: *Paenicotechys fossilis* (Cockerell, 1916).

**290) *Paenicotechys fossilis* (Cockerell, 1916)**

*Enicocephalus fossilis* Cockerell, 1916: 135.

*Henicocephalus fossilis*: Jeanel, 1942: 294.

*Paenicotechys fossilis*: Stys, 1969: 353.

Type specimen(s). H (♂): No. 19095 (NHML).

**Subfamily Disphaerocephalinae Stys, 1969**

**3.227 Genus *Disphaerocephalus* Cockerell, 1917**

*Disphaerocephalus* Cockerell, 1917a: 361. Type species: *Disphaerocephalus constrictus* Cockerell, 1917.

**291) *Disphaerocephalus constrictus* Cockerell, 1917**

*Disphaerocephalus constrictus* Cockerell, 1917a: 361.

Type specimen(s). H: No. 19112, nymph (probably penultimate instar) (NHML).

**292) *Disphaerocephalus swinhoei* (Cockerell, 1917)**

*Enicocephalus swinhoei* Cockerell, 1917a: 364.

*Henicocephalus fossil*: Jeanel, 1942: 293.

*Disphaerocephalus swinhoei*: Stys, 1969: 358.

Type specimen(s). H (?♂): No. 19113 (NHML).

**293) *Disphaerocephalus macropterus* Cockerell, 1917**

*Disphaerocephalus macropterus* Cockerell, 1917a: 364.

Type specimen(s). H: NHML In.19123(1) (NHML).

**Infraorder Gerromorpha Popov, 1971**

**Superfamily Hydrometroidea Andersen, 1982**

**Family Hydrometridae Billberg, 1820**

**Subfamily Heterocleptinae Villiers, 1948**

**3.228 Genus *Carinametra* Andersen & Grimaldi, 2001**

*Carinametra* Andersen & Grimaldi, 2001: 382. Type species: *Carinametra burmensis* Andersen & Grimaldi, 2001.

**294) *Carinametra burmensis* Andersen & Grimaldi, 2001**

*Carinametra burmensis* Andersen & Grimaldi, 2001: 387.

Type specimen(s). H (♀): AMNH Bu-1098 (AMNH).

**Subfamily Hydrometrinae Billberg, 1820**

**3.229 Genus *Burmametra* Huang, Garrouste, Azar, Engel & Nel, 2015**

*Burmametra* Huang, Garrouste, Azar, Engel & Nel, 2015c: 119. Type species: *Burmametra macrocarinata* Huang, Garrouste, Azar, Engel & Nel, 2015.

**295) *Burmametra macrocarinata* Huang, Garrouste, Azar, Engel & Nel, 2015**

*Burmametra macrocarinata* Huang, Garrouste, Azar, Engel & Nel, 2015c: 119.

Type specimen(s). H: NIGP160800 (NIGP).

**Infraorder Leptopodomorpha Popov, 1971**

**Family Leptopodidae Brullé, 1836**

**Subfamily Leptosaldinae Cobben, 1971**

**3.230 Genus *Grimaldina* Popov & Heiss, 2014**

*Grimaldina* Popov & Heiss, 2014: 445. Type species: *Grimaldina pronotalis* Popov & Heiss, 2014.

**296) *Grimaldina pronotalis* Popov & Heiss, 2014***Grimaldina pronotalis* Popov & Heiss, 2014: 449.

Type specimen(s). H: BUB-LEP-1 (CEHI).

**3.231 Genus *Leptosaldinea* Popov & Heiss, 2016***Leptosaldinea* Popov & Heiss, 2016: 234. Type species: *Leptosaldinea cobbeni* Popov & Heiss, 2016.**297) *Leptosaldinea cobbeni* Popov & Heiss, 2016***Leptosaldinea cobbeni* Popov & Heiss, 2016: 237.

Type specimen(s). H (♂): Specimen number not assigned (CEHI).

**Family Palaeoleptidae Poinar, 2009****3.232 Genus *Palaeoleptus* Poinar, 2009***Palaeoleptus* Poinar, 2009: 1001. Type species: *Palaeoleptus burmanicus* Poinar, 2009.**298) *Palaeoleptus burmanicus* Poinar, 2009***Palaeoleptus burmanicus* Poinar, 2009: 1001.

Type specimen(s). H (♀): E5 (RBAC).

**Infraorder Nepomorpha Popov, 1971****Superfamily Ochteroidea Kirkaldy, 1906****Family Gelastocoridae Kirkaldy, 1897****Subfamily Nerthrinae Kirkaldy, 1906****3.233 Genus *Nerthra* Say, 1832***Nerthra* Say, 1832: 37. Type species: *Nerthra stygica* Say, 1832.**299) *Nerthra bichelata* Poinar & Brown, 2016***Nerthra bichelata* Poinar & Brown, 2016: 40.

Type specimen(s). H (♀): # B-He-25 (PACO).

**Subfamily Gelastocorinae Kirkaldy, 1897****3.234 Genus *Gelastocoris* Kirkaldy, 1897***Galgulus* Latreille, 1802: 253. Type species: *Naucoris oculata* Fabricius, 1958.*Gelastocoris* Kirkaldy, 1897: 258. Type species: *Naucoris oculata* Fabricius, 1958.*Montandonius* Melin, 1929: 154. Type species: *Montandonius angulatus* Melin, 1929.**300) *Gelastocoris curiosus* Poinar & Brown, 2016***Gelastocoris curiosus* Poinar & Brown, 2016: 40.

Type specimen(s). H (♀): # B-He-26 (PACO).

**Infraorder Pentatomomorpha Leston *et al.*, 1954****Superfamily Aradoidea Spinola, 1837****Family Aradidae Brulle, 1836****Subfamily Mezirinae Oshanin, 1908****3.235 Genus *Myanmezira* Heiss & Poinar, 2012**

*Myanmezira* Heiss & Poinar, 2012: 308. Type species: *Myanmezira longicornis* Heiss & Poinar, 2012.

**301) *Myanmezira longicornis* Heiss & Poinar, 2012**

*Myanmezira longicornis* Heiss & Poinar, 2012: 310.

Type specimen(s). H (♂): Specimen number not assigned (PACO).

**Subfamily Archearadinae Heiss & Grimaldi, 2002**

**3.236 Genus *Archearadus* Heiss & Grimaldi, 2001**

*Archearadus* Heiss & Grimaldi, 2001: 99. Type species: *Archearadus burmensis* Heiss & Grimaldi, 2001.

**302) *Archearadus burmensis* Heiss & Grimaldi, 2001**

*Archearadus burmensis* Heiss & Grimaldi, 2001: 100.

Type specimen(s). H (?♀): AMNH Bu1336 (AMNH).

**303) *Archearadus elongatus* Heiss, 2016**

*Archearadus elongatus* Heiss, 2016: 427.

Type specimen(s). H (♀): Specimen number not assigned (CEHI).

**3.237 Genus *Microaradus* Heiss & Poinar, 2012**

*Microaradus* Heiss & Poinar, 2012: 311. Type species: *Microaradus anticus* Heiss & Poinar, 2012.

**304) *Microaradus anticus* Heiss & Poinar, 2012**

*Microaradus anticus* Heiss & Poinar, 2012: 313.

Type specimen(s). H (♂): Specimen number not assigned (CEHI). P (3♀): PT1 (PACO), PT2 (CEHI), PT3 (PACO).

**Family Aradidae Brullé 1836**

**3.238 Genus *Aradoleptus* Heiss, 2016**

*Aradoleptus* Heiss, 2016: 425. Type species: *Aradoleptus birmanus* Heiss, 2016.

**305) *Aradoleptus birmanus* Heiss, 2016**

*Aradoleptus birmanus* Heiss, 2016: 426.

Type specimen(s). H (♂): Specimen number not assigned (CEHI).

**3.239 Genus *Calisiomorpha* Heiss, 2016**

*Calisiomorpha* Heiss, 2016: 420. Type species: *Calisiomorpha yuripopovi* Heiss, 2016.

**306) *Calisiomorpha yuripopovi* Heiss, 2016**

*Calisiomorpha yuripopovi* Heiss, 2016: 421.

Type specimen(s). H (♂): Specimen number not assigned (CEHI).

**3.240 Genus *Cretopiesma* Grimaldi & Engle, 2008**

*Cretopiesma* Grimaldi & Engle, 2008: 3. Type species: *Cretopiesma suukyiae* Grimaldi & Engle, 2008.

**307) *Cretopiesma suukyiae* Grimaldi & Engle, 2008**

*Cretopiesma suukyiae* Grimaldi & Engle, 2008: 3.



Type specimen(s). H (♀): AMNH Bu-958 (AMNH).

### 3.241 Genus *Ellenbergeria* Heiss, 2016

*Ellenbergeria* Heiss, 2016: 423. Type species: *Ellenbergeria oviventris* Heiss, 2016.

#### 308) *Ellenbergeria oviventris* Heiss, 2016

*Ellenbergeria oviventris* Heiss, 2016: 425.

Type specimen(s). H (♂): Specimen number not assigned (CEHI).

### 3.242 Genus *Kachinocoris* Heiss, 2012

*Kachinocoris* Heiss, 2012: 64. Type species: *Kachinocoris brevipennis* Heiss, 2012.

#### 309) *Kachinocoris brevipennis* Heiss, 2012

*Kachinocoris brevipennis* Heiss, 2012: 65.

Type specimen(s). Unknown.

## Family Parvaverrucosidae Poinar & Brown, 2006

### 3.243 Genus *Parvaverrucosa* Poinar & Brown, 2006

*Parvaverrucosa* Poinar & Brown, 2006a: 734. Type species: *Parvaverrucosa annulata* (Poinar & Brown, 2005).

#### 310) *Parvaverrucosa annulata* (Poinar & Brown, 2005)

*Verrucosa annulata* Poinar & Brown, 2005: 836.

*Parvaverrucosa annulata*: Poinar & Brown, 2006a: 734.

Type specimen(s). H (♂): B-He-13 (PACO). P (♂): B-He-13B (PACO).

## Order Raphidioptera Handlirsch, 1908

### Family Mesoraphidiidae Martynov, 1925

#### Subfamily Mesoraphidiinae Martynov, 1925

#### Tribe Nanoraphidiini Bechly & Wolf-Schwenninger, 2011

### 3.244 Genus *Burmorphidia* Liu, Liu & Zhang, 2016

*Burmorphidia* Liu, Liu & Zhang, 2016d: 311. Type species: *Burmorphidia reni* Liu, Liu & Zhang, 2016.

#### 311) *Burmorphidia reni* Liu, Liu & Zhang, 2016

*Burmorphidia reni* Liu, Liu & Zhang, 2016d: 312.

Type specimen(s). H (♀): EMTG BA-001272 (EMTG).

### 3.245 Genus *Dolichoraphidia* Liu, Liu & Zhang, 2016

*Dolichoraphidia* Liu, Liu & Zhang, 2016d: 302. Type species: *Dolichoraphidia aspoecki* Liu, Liu & Zhang, 2016.

#### 312) *Dolichoraphidia aspoecki* Liu, Liu & Zhang, 2016

*Dolichoraphidia aspoecki* Liu, Liu & Zhang, 2016d: 303.

Type specimen(s). H (♀): EMTG BA-001002 (EMTG).

#### 313) *Dolichoraphidia engel* Liu, Liu & Zhang, 2016

*Dolichoraphidia engel* Liu, Liu & Zhang, 2016d: 306.

Type specimen(s). H (♀): EMTG BA-001300 (EMTG).

**3.246 Genus *Nanoraphidia* Engel, 2002**

*Nanoraphidia* Engel, 2002: 3. Type species: *Nanoraphidia electroburmica* Engel, 2002.

**314) *Nanoraphidia electroburmica* Engel, 2002**

*Nanoraphidia electroburmica* Engel, 2002: 4.

Type specimen(s). H: AMNH Bu-092 (AMNH).

**3.247 Genus *Rhynchoraphidia* Liu, Liu & Zhang, 2016**

*Rhynchoraphidia* Liu, Liu & Zhang, 2016: 308. Type species: *Rhynchoraphidia burmana* Liu, Liu & Zhang, 2016.

**315) *Rhynchoraphidia burmana* Liu, Liu & Zhang, 2016**

*Rhynchoraphidia burmana* Liu, Liu & Zhang, 2016: 309.

Type specimen(s). H (♀): EMTG BA-002256 (EMTG).

**Order Neuroptera Linnaeus, 1758**

**Family Corydasialidae Wichard *et al.*, 2005**

**3.248 Genus *Megalopteroneura* Liu, Lu & Zhang, 2016**

*Megalopteroneura* Liu, Lu & Zhang, 2016e: 3. Type species: *Megalopteroneura chenxingi* Liu, Lu & Zhang, 2016.

**316) *Megalopteroneura chenxingi* Liu, Lu & Zhang, 2016**

*Megalopteroneura chenxingi* Liu, Lu & Zhang, 2016e: 4.

Type specimen(s). H (♀): EMTG BU-001023 (EMTG).

**Family Dipteromantispidae Makarkin, Yang & Ren, 2013**

**3.249 Genus *Halteriomantispa* Liu, Lu & Zhang, 2016**

*Halteriomantispa* Liu, Lu & Zhang, 2016c: 166. Type species: *Halteriomantispa grimaldii* Liu, Lu & Zhang, 2016.

**317) *Halteriomantispa grimaldii* Liu, Lu & Zhang, 2016**

*Halteriomantispa grimaldii* Liu, Lu & Zhang, 2016c: 167.

Type specimen(s). H (♀): EMTG BU-001924 (EMTG).

**Family Corydasialidae Wichard *et al.*, 2005**

**3.250 Genus *Megalopteroneura* Liu, Lu & Zhang, 2016**

*Megalopteroneura* Liu, Lu & Zhang, 2016b: 3. Type species: *Megalopteroneura chenxingi* Liu, Lu & Zhang, 2016.

**318) *Megalopteroneura chenxingi* Liu, Lu & Zhang, 2016**

*Megalopteroneura chenxingi* Liu, Lu & Zhang, 2016b: 4.

Type specimen(s). H (♂): EMTG BU-001023 (EMTG).

**Suborder Hemerobiiformia Henry, 1982**

**Family Dilaridae Newman, 1853**

**Subfamily Dilarinae Newman, 1853**

**3.251 Genus *Cretodilar* Liu & Zhang, 2016**

*Cretodilar* Liu & Zhang, 2016a: 13. Type species: *Cretodilar burmanus* Liu & Zhang, 2016.

**319) *Cretodilar burmanus* Liu & Zhang, 2016***Cretodilar burmanus* Liu & Zhang, 2016a: 14.

Type specimen(s). H (♂): EMTG BU-001752 (EMTG).

**Suborder Hemerobiiformia Henry, 1982****Superfamily Osmyloidea Leach, 1815****Family Osmylidae Linnaeus, 1758****Subfamily Gumillinae Navas, 1912****3.252 Genus *Burmaleon* Myskowiak, Huang, Azar, Cai, Garrouste & Nel, 2016***Burmaleon* Myskowiak, Huang, Azar, Cai, Garrouste & Nel, 2016: 218. Type species: *Burmaleon magnificus* Myskowiak, Huang, Azar, Cai, Garrouste & Nel, 2016.**320) *Burmaleon magnificus* Myskowiak, Huang, Azar, Cai, Garrouste & Nel, 2016***Burmaleon magnificus* Myskowiak, Huang, Azar, Cai, Garrouste & Nel, 2016: 219.

Type specimen(s). H: HUANG-BP-B-4220 (NIGP). P (?): HUANG-NIGP163028 (NIGP).

**Superfamily Chrysopoidea Schneider, 1851****Family Mesochrysopidae Handlirsch, 1906****3.253 Genus *Pedanoptera* Liu *et al.*, 2016***Pedanoptera* Liu *et al.*, 2016: 1. Type species: *Pedanoptera arachnophila* Liu *et al.*, 2016.**321) *Pedanoptera arachnophila* Liu *et al.*, 2016***Pedanoptera arachnophila* Liu *et al.*, 2016: 1.

Type specimen(s). H (♀): EMTG BU-001049 (EMTG).

**Superfamily Coniopterygoidea Burmeister, 1839****Family Coniopterygidae Burmeister, 1839****Subfamily Aleuropteryginae Enderlein, 1905****Tribe Fontenelleini Carpentier & Lestage, 1928****3.254 Genus *Achlyoconis* Engel, 2016***Achlyoconis* Engel, 2016b: 4. Type species: *Achlyoconis heptatrachia* Engel, 2016.**322) *Achlyoconis heptatrachia* Engel, 2016***Achlyoconis heptatrachia* Engel, 2016b: 4.

Type specimen(s). H (♂): AMNH JZC-Bu50 (JZC).

**3.255 Genus *Glaesoconis* Meinander, 1975***Glaesoconis* Meinander, 1975: 54. Type species: *Glaesoconis cretica* Meinander, 1975.**323) *Glaesoconis baliopteryx* Engel, 2004***Glaesoconis baliopteryx* Engel, 2004a: 135.

Type specimen(s). H (♂): AMNH Bu-1560 (AMNH). P (♂): AMNH Bu-198 (AMNH).

**Subfamily Coniopteryginae Burmeister, 1839****Tribe Coniopterygini Burmeister, 1839**

**3.256 Genus *Paranimboa* Engel, 2016**

*Paranimboa* Engel, 2016b: 6. Type species: *Paranimboa litotes* Engel, 2016.

**324) *Paranimboa litotes* Engel, 2016**

*Paranimboa litotes* Engel, 2016b: 7.

Type specimen(s). H (♀): AMNH JZC-Bu275 (JZC).

**Tribe Phthanoconini Engel, 2004**

**3.257 Genus *Phthanoconis* Engel, 2004**

*Phthanoconis* Engel, 2004a: 135. Type species: *Phthanoconis burmitica* Engel, 2004.

**325) *Phthanoconis burmitica* Engel, 2004**

*Phthanoconis burmitica* Engel, 2004a: 135.

Type specimen(s). H (♀): AMNH Bu-1291 (AMNH).

**Superfamily Mantispoidea Leach, 1815**

**Family Mantispidae Leach, 1815**

**Subfamily Drepanicinae Enderlein, 1910**

**3.258 Genus *Doratomantispa* Poinar, 2010**

*Doratomantispa* Poinar, 2010: 170. Type species: *Doratomantispa burmanica* Poinar, 2010.

**326) *Doratomantispa burmanica* Poinar, 2010**

*Doratomantispa burmanica* Poinar, 2010: 170.

Type specimen(s). H (?♀): # E-14 (KUC).

**Family Rhachiberothidae Tjeder, 1959**

**3.259 Genus *Eorachiberotha* Engel, 2004**

*Eorachiberotha* Engel, 2004b: 137. Type species: *Eorachiberotha burmitica* Engel, 2004.

**327) *Eorachiberotha burmitica* (Engel, 2004)**

*Eorachiberotha burmitica* Engel, 2004b: 137.

*Eorachiberotha burmitica*: Makarkin, 2015a: 330.

Type specimen(s). H (♂): NHML In. 20177 (NHML).

**3.260 Genus *Scoloberotha* Engel & Grimaldi, 2008**

*Scoloberotha* Engel & Grimaldi, 2008b: 32. Type species: *Scoloberotha necatrix* Engel & Grimaldi, 2008.

**328) *Scoloberotha necatrix* Engel & Grimaldi, 2008**

*Scoloberotha necatrix* Engel & Grimaldi, 2008b: 33.

Type specimen(s). H: SEMC KU-Ent Bu-056 (KUC).

**Family Berothidae Handlirsch, 1906**

**Subfamily Paraberothinae Nel *et al.*, 2005**

**3.261 Genus *Creagroparaberotha* Makarkin, 2015**

*Creagroparaberotha* Makarkin, 2015a: 329. Type species: *Creagroparaberotha groehni* Makarkin, 2015.

**329) *Creagroparaberotha groehni* Makarkin, 2015**

*Creagroparaberotha groehni* Makarkin, 2015a: 329.

Type specimen(s). H: GPIH Typ. Kat. Nr. 4568 (GPIH).

**3.262 Genus *Micromantispa* Shi, Ohl, Wunderlich & Ren, 2015**

*Micromantispa* Shi, Ohl, Wunderlich & Ren, 2015: 417. Type species: *Micromantispa cristata* Shi, Ohl, Wunderlich & Ren, 2015: 418.

**330) *Micromantispa cristata* Shi, Ohl, Wunderlich & Ren, 2015**

*Micromantispa cristata* Shi, Ohl, Wunderlich & Ren, 2015: 418.

Type specimen(s). H (♀): F2331\_BU\_CFW (SMF).

**Subfamily *incertae sedis***

**3.263 Genus *Dasyberotha* Engel & Grimaldi, 2008**

*Dasyberotha* Engel & Grimaldi, 2008b: 26. Type species: *Dasyberotha eucharis* Engel & Grimaldi, 2008.

**331) *Dasyberotha eucharis* Engel & Grimaldi, 2008**

*Dasyberotha eucharis* Engel & Grimaldi, 2008b: 26.

Type specimen(s). H: AMNH Bu-1292 (AMNH).

**3.264 Genus *Ethiroberotha* Engel & Grimaldi, 2008**

*Ethiroberotha* Engel & Grimaldi, 2008b: 28. Type species: *Ethiroberotha elongata* Engel & Grimaldi, 2008.

**332) *Ethiroberotha elongata* Engel & Grimaldi, 2008**

*Ethiroberotha elongata* Engel & Grimaldi, 2008b: 29.

Type specimen(s). H: AMNH Bu-1681 (AMNH).

**3.265 Genus *Haploberotha* Engel & Grimaldi, 2008**

*Haploberotha* Engel & Grimaldi, 2008b: 23. Type species: *Haploberotha persephone* Engel & Grimaldi, 2008.

**333) *Haploberotha persephone* Engel & Grimaldi, 2008**

*Haploberotha persephone* Engel & Grimaldi, 2008b: 23.

Type specimen(s). H: AMNH Bu-1296 (AMNH).

**3.266 Genus *Iceloberotha* Engel & Grimaldi, 2008**

*Iceloberotha* Engel & Grimaldi, 2008b: 21. Type species: *Iceloberotha kachinensis* Engel & Grimaldi, 2008.

**334) *Iceloberotha kachinensis* Engel & Grimaldi, 2008**

*Iceloberotha kachinensis* Engel & Grimaldi, 2008b: 22.

Type specimen(s). H: AMNH Bu-1295 (AMNH).

**335) *Iceloberotha simulatrix* Engel & Grimaldi, 2008**

*Iceloberotha simulatrix* Engel & Grimaldi, 2008b: 22.

Type specimen(s). H: AMNH Bu-1621 (AMNH).

**3.267 Genus *Jersiberothera* Grimaldi, 2000**

*Jersiberothera* Grimaldi, 2000: 274. Type species: *Jersiberothera luzzii* Grimaldi, 2000.

**336) *Jersiberothera myanmarensis* Engel & Grimaldi, 2008**

*Jersiberothera myanmarensis* Engel & Grimaldi, 2008b: 20.

Type specimen(s). H: AMNH Bu-199 (AMNH).

**337) *Jersiberothera tauberorum* Engel & Grimaldi, 2008**

*Jersiberothera tauberorum* Engel & Grimaldi, 2008b: 20.

Type specimen(s). H: AMNH Bu-1414 (AMNH).

**3.268 Genus *Maculaberotha* Yuan, Ren & Wang, 2016**

*Maculaberotha* Yuan, Ren & Wang, 2016: 41. Type species: *Maculaberotha nervosa* Yuan, Ren & Wang, 2016.

**338) *Maculaberotha nervosa* Yuan, Ren & Wang, 2016**

*Maculaberotha nervosa* Yuan, Ren & Wang, 2016: 42.

Type specimen(s). H (♀): CNU-NEU-MA2016003 (CNU).

**3.269 Genus *Magniberotha* Yuan, Ren & Wang, 2016**

*Magniberotha* Yuan, Ren & Wang, 2016: 43. Type species: *Magniberotha recurrens* Yuan, Ren & Wang, 2016.

**339) *Magniberotha recurrens* Yuan, Ren & Wang, 2016**

*Magniberotha recurrens* Yuan, Ren & Wang, 2016: 44.

Type specimen(s). H (♀): CNU-NEU-MA2016001 (CNU). P (?): CNU-NEU-MA2016002 (CNU).

**3.270 Genus *Systemoberothera* Engel & Grimaldi, 2008**

*Systemoberothera* Engel & Grimaldi, 2008b: 27. Type species: *Systemoberothera magillae* Engel & Grimaldi, 2008.

**340) *Systemoberothera magillae* Engel & Grimaldi, 2008**

*Systemoberothera magillae* Engel & Grimaldi, 2008b: 27.

Type specimen(s). H: AMNH Bu-859 (AMNH).

**3.271 Genus *Telistoberothera* Engel & Grimaldi, 2008**

*Telistoberothera* Engel & Grimaldi, 2008b: 24. Type species: *Telistoberothera libitina* Engel & Grimaldi, 2008.

**341) *Telistoberothera libitina* Engel & Grimaldi, 2008**

*Telistoberothera libitina* Engel & Grimaldi, 2008b: 25.

Type specimen(s). H: AMNH Bu-1293 (AMNH).

**Suborder Myrmeleontiformia Henry, 1982**  
**Superfamily Myrmeleontoidea Latreille, 1802**  
**Family Psychopsidae Handlirsch, 1906**

**3.272 Genus *Litopsychopsis* Engel & Grimaldi, 2008**

*Litopsychopsis* Engel & Grimaldi, 2008b: 13. Type species: *Litopsychopsis burmitica* Engel & Grimaldi, 2008.

**342) *Litopsychopsis burmitica* Engel & Grimaldi, 2008**

*Litopsychopsis burmitica* Engel & Grimaldi, 2008b: 14.

Type specimen(s). H: AMNH Bu-309 (AMNH).

**Family Nymphidae Rambur, 1842**

**3.273 Genus *Elenchonymphes* Engel & Grimaldi, 2008**

*Elenchonymphes* Engel & Grimaldi, 2008b: 11. Type species: *Elenchonymphes electrica* Engel & Grimaldi, 2008.

**343) *Elenchonymphes electrica* Engel & Grimaldi, 2008**

*Elenchonymphes electrica* Engel & Grimaldi, 2008b: 12.

Type specimen(s). H: AMNH Bu-277 (AMNH).

**Superfamily Myrmeleontoidea Latreille, 1802**

**Family Myrmeleontidae Latreille, 1802**

**Subfamily Araripeneurinae Martins-Neto & Vulcano, 1989**

**3.274 Genus *Burmaneura* Huang, Azar, Engel, Garrouste, Cai & Nel, 2016**

*Burmaneura* Huang, Azar, Engel, Garrouste, Cai & Nel, 2016b: 3. Type species: *Burmaneura minuta* Huang, Azar, Engel, Garrouste, Cai & Nel, 2016.

**344) *Burmaneura minuta* Huang, Azar, Engel, Garrouste, Cai & Nel, 2016**

*Burmaneura minuta* Huang, Azar, Engel, Garrouste, Cai & Nel, 2016b: 4.

Type specimen(s). H (♀): NIGP163428 (NIGP).

**Order Neuroptera Linnaeus, 1758**

**Superfamily Psychopsoidea Handlirsch, 1906**

**Family *incertae sedis***

**3.275 Genus *Burmopsychops* Lu, Zhang & Liu, 2016**

*Burmopsychops* Lu, Zhang & Liu, 2016: 6. Type species: *Burmopsychops limoae* Lu, Zhang & Liu, 2016.

**345) *Burmopsychops limoae* Lu, Zhang & Liu, 2016**

*Burmopsychops limoae* Lu, Zhang & Liu, 2016: 7.

Type specimen(s). H (♀): EMTG BU-001293 (EMTG).

**3.276 Genus *Cretanallachius* Huang, Azar, Cai, Garrouste & Nel, 2015**

*Cretanallachius* Huang, Azar, Cai, Garrouste & Nel, 2015a: 274. Type species: *Cretanallachius magnificus* Huang, Azar, Cai, Garrouste & Nel, 2015.

**346) *Cretanallachius magnificus* Huang, Azar, Cai, Garrouste & Nel, 2015**

*Cretanallachius magnificus* Huang, Azar, Cai, Garrouste & Nel, 2015a: 275.

Type specimen(s). H (♂): NIGP162229 (PCXJ).

Additional materials. (3♂): PCXJ BA-0001, PCXJ BA-0002, PCXJ BA-0003 (PCXJ).

**3.277 Genus *Fiaponeura* Lu, Zhang & Liu, 2016**

*Fiaponeura* Lu, Zhang & Liu, 2016: 2. Type species: *Fiaponeura penghiani* Lu, Zhang & Liu, 2016.

**347) *Fiaponeura penghiani* Lu, Zhang & Liu, 2016**

*Fiaponeura penghiani* Lu, Zhang & Liu, 2016: 3.

Type specimen(s). H (♀): EMTG BU-001679 (EMTG).

**Order Neuroptera Linnaeus, 1758**  
**Family Sisyridae Banks, 1905**  
**Subfamily Paradoxosyrinae Makarkin, 2016**

**3.278 Genus *Paradoxosisyra* Makarkin, 2016**

*Paradoxosisyra* Makarkin, 2016: 127. Type species: *Paradoxosisyra groehni* Makarkin, 2016.

**348) *Paradoxosisyra groehni* Makarkin, 2016**

*Paradoxosisyra groehni* Makarkin, 2016: 127.

Type specimen(s). H (♀): GPIH Typ. Kat. Nr. 4580 (collection of C. Gröhn, no. 11072) (GPIH).

**Order Coleoptera Linnaeus, 1758**  
**Suborder Archostemata Kolbe, 1908**  
**Family Cupedidae Laporte, 1836**  
**Subfamily Cupedinae Laporte, 1836**

**3.279 Genus *Mallecupes* Jarzembowski, Wang & Zheng, 2016**

*Mallecupes* Jarzembowski, Wang & Zheng, 2016c: 3. Type species: *Mallecupes qingqingae* Jarzembowski, Wang & Zheng, 2016.

**349) *Mallecupes qingqingae* Jarzembowski, Wang & Zheng, 2016**

*Mallecupes qingqingae* Jarzembowski, Wang & Zheng, 2016c: 3.

Type specimen(s). H: NIGP 157008 (NIGP). P (?): NIGP164791 (NIGP).  
Additional materials. Specimen number not assigned (FXC, LAMS).

**(?)Subfamily Ommatinae Sharp & Muir, 1912**

**3.280 Genus *Stegocoleus* Jarzembowski & Wang, 2016**

*Stegocoleus* Jarzembowski & Wang, 2016a: 299. Type species: *Stegocoleus caii* Jarzembowski & Wang, 2016.

**350) *Stegocoleus caii* Jarzembowski & Wang, 2016**

*Stegocoleus caii* Jarzembowski & Wang, 2016a: 299.

Type specimen(s). H: NIGP 157004 (NIGP). P(5??): Specimen number not assigned (CCN, FXC).

**Subfamily Ommatinae Sharp & Muir, 1912**  
**Tribe Brochocoleini Hong, 1982**

**3.281 Genus *Brochocoleus* Hong, 1982**

*Brochocoleus* Hong, 1982: 103. Type species: *Brochocoleus punctatus* Hong, 1982.

**351) *Brochocoleus caseyi* Jarzembowski, Wang & Zheng, 2016**

*Brochocoleus caseyi* Jarzembowski, Wang & Zheng, 2016b: 4.

Type specimen(s). H: NIGP 164901 (NIGP).

**Suborder Myxophaga Crowson, 1955**  
**Superfamily Lepiceroidea Hinton, 1936**  
**Family Lepiceridae Hinton, 1936**

**3.282 Genus *Haplochelus* Kirejtshuk & Poinar, 2006**

*Haplochelus* Kirejtshuk & Poinar, 2006: 157. Type species: *Haplochelus georissoides* Kirejtshuk & Poinar, 2006: 157.



**352) *Haplochelus georissoides* Kirejtshuk & Poinar, 2006**

*Haplochelus georissoides* Kirejtshuk & Poinar, 2006: 157.

Type specimen(s). H: # B-C-21 (PACO).

**Subfamily Lepicerinae Hinton, 1936**

**3.283 Genus *Lepiceroides* Kirejtshuk & Poinar, 2013**

*Lepiceroides* Kirejtshuk & Poinar, 2013: 56. Type species: *Lepiceroides pretiosus* Kirejtshuk & Poinar, 2013.

**353) *Lepiceroides pretiosus* Kirejtshuk & Poinar, 2013**

*Lepiceroides pretiosus* Kirejtshuk & Poinar, 2013: 57.

Type specimen(s). H: # B-C-46 (PACO).

**Superfamily Sphaeriuoidea Erichson, 1845**

**Family Sphaeriusidae Erichson, 1845**

**3.284 Genus *Burmasporum* Kirejtshuk, 2009**

*Burmasporum* Kirejtshuk, 2009: 100. Type species: *Burmasporum rossi* Kirejtshuk, 2009.

**354) *Burmasporum rossi* Kirejtshuk, 2009**

*Burmasporum rossi* Kirejtshuk, 2009: 100.

Type specimen(s). H (♀): 19132 (NHML).

**Suborder Adephaga Clairville, 1806**

**Family Carabidae Latreille, 1802**

**Subfamily Licininae Bonelli, 1810**

**Tribe Oodini LaFerté-Sénectere, 1851**

**3.285 Genus *Oodes* Bonelli, 1810**

*Oodes* Bonelli, 1810. Type species: *Carabus helopioides* Fabricius, 1792.

**355) *Oodes kachinensis* Liu, 2015**

*Oodes kachinensis* Liu, 2015: 428.

Type specimen(s). H (♀): NIGP160533 (NIGP).

**Suborder Polyphaga Emery, 1886**

**Superfamily Hydrophiloidea Latreille, 1802**

**Family Histeridae Gyllenhal, 1808**

**3.286 Genus *Pantostictus* Poinar & Brown, 2009**

*Pantostictus* Poinar & Brown, 2009b: 39. Type species: *Pantostictus burmanicus* Poinar & Brown, 2009.

**356) *Pantostictus burmanicus* Poinar & Brown, 2009**

*Pantostictus burmanicus* Poinar & Brown, 2009b: 40.

Type specimen(s). H: # B-C- 40 (PACO). P (??): #s B- C- 40A, 40B, and 40C (PACO).

**Subfamily Onthophilinae MacLeay, 1819**

**3.287 Genus *Cretonthophilus* Caterino, Wolf-Schwenninger & Bechly, 2015**

*Cretonthophilus* Caterino, Wolf-Schwenninger & Bechly, 2015: 241. Type species: *Cretonthophilus tuberculatus* Caterino, Wolf-Schwenninger & Bechly, 2015.

**357) *Cretonthophilus tuberculatus* Caterino, Wolf-Schwenninger & Bechly, 2015**

*Cretonthophilus tuberculatus* Caterino, Wolf-Schwenninger & Bechly, 2015: 242.

Type specimen(s). H: SMNS BU-162 (old no. F2787/Bu/CJW) (SMNS).

**Superfamily Staphylinoidea Latreille, 1802**

**Family Staphylinidae Latreille, 1802**

**Subfamily Proteininae Erichson, 1839**

**Tribe Vetuproteinini Cai, Newton & Thayer, 2016**

**3.288 Genus *Vetuproteinus* Cai, Newton & Thayer, 2016**

*Vetuproteinus* Cai, Newton & Thayer, 2016: 2. Type species: *Vetuproteinus cretaceus* Cai, Newton & Thayer, 2016.

**358) *Vetuproteinus cretaceus* Cai, Newton & Thayer, 2016**

*Vetuproteinus cretaceus* Cai, Newton & Thayer, 2016: 2.

Type specimen(s). H (♀): NIGP164466 (NGIP).

**Subfamily Pselaphinae Latreille, 1802**

**Tribe Bythinini Raffray, 1890**

**3.289 Genus *Boreotethys* Parker, 2016**

*Boreotethys* Parker, 2016: 12. Type species: *Boreotethys grimaldii* Parker, 2016.

**359) *Boreotethys arctopteryx* Parker, 2016**

*Boreotethys arctopteryx* Parker, 2016: 17.

Type specimen(s). H (?♂): AMNH B-248 (AMNH).

**360) *Boreotethys grimaldii* Parker, 2016**

*Boreotethys grimaldii* Parker, 2016: 15.

Type specimen(s). H (?♂): AMNH B-023 (AMNH).

**Tribe *incertae sedis***

**3.290 Genus *Protrichonyx* Parker, 2016**

*Protrichonyx* Parker, 2016: 10. Type species: *Protrichonyx rafifrons* Parker, 2016.

**361) *Protrichonyx rafifrons* Parker, 2016**

*Protrichonyx rafifrons* Parker, 2016: 11.

Type specimen(s). H (?♂): AMNH Bu-614 (AMNH).

**Subfamily Tachyporinae MacLeay, 1825**

**Tribe Tachyporini MacLeay, 1825**

**3.291 Genus *Procileoporus* Yamamoto, 2016**

*Procileoporus* Yamamoto, 2016b: 165. Type species: *Procileoporus burmiticus* Yamamoto, 2016.

**362) *Procileoporus burmiticus* Yamamoto, 2016***Procileoporus burmiticus* Yamamoto, 2016b: 167.

Type specimen(s). H (♀): AMNH Bu-SY4 (AMNH).

**Subfamily Dasycerinae Reitter, 1887****3.292 Genus *Protodasycerus* Yamamoto, 2016***Protodasycerus* Yamamoto, 2016a: 64. Type species: *Protodasycerus aenigmaticus* Yamamoto, 2016.**363) *Protodasycerus aenigmaticus* Yamamoto, 2016***Protodasycerus aenigmaticus* Yamamoto, 2016a: 64.

Type specimen(s). H (♀): AMNH Bu-SY1 (AMNH).

**Subfamily Micropeplinae Leach, 1815****3.293 Genus *Protopeplus* Cai & Huang, 2014***Protopeplus* Cai & Huang, 2014: 814. Type species: *Protopeplus cretaceus* Cai & Huang, 2014.**364) *Protopeplus cretaceus* Cai & Huang, 2014***Protopeplus cretaceus* Cai & Huang, 2014: 814.

Type specimen(s). H: NIGP152731 (NIGP).

**Subfamily Aleocharinae Fleming, 1821****Tribe Deinopsini Thomson, 1867****3.294 Genus *Cretodeinopsis* Cai & Huang, 2015***Cretodeinopsis* Cai & Huang, 2015a: 1580. Type species: *Cretodeinopsis aenigmatica* Cai & Huang, 2015.**365) *Cretodeinopsis aenigmatica* Cai & Huang, 2015***Cretodeinopsis aenigmatica* Cai & Huang, 2015a: 1580.

Type specimen(s). H: NIGP157736 (NIGP).

**Subfamily Osoriinae Erichson, 1839****Tribe Thoracophorini Reitter, 1909****Subtribe Clavilispinina Newton & Thayer, 1992****3.295 Genus *Mesallotrochus* Cai & Huang, 2015***Mesallotrochus* Cai & Huang, 2015b: 496. Type species: *Mesallotrochus longiantennatus* Cai & Huang, 2015.**366) *Mesallotrochus longiantennatus* Cai & Huang, 2015***Mesallotrochus longiantennatus* Cai & Huang, 2015b: 496.

Type specimen(s). H: NIGP157737 (NIGP).

**Subfamily Megalopsidiinae Leng, 1920****3.296 Genus *Megalopinus* Eichelbaum, 1915***Megalopinus* Eichelbaum, 1915: 104. Type species: *Oxyporus caelatus* Gravenhorst, 1802.*Aulacotrachelus* Benick, 1921: 1. Type species: *Oxyporus caelatus* Gravenhorst, 1802.

*Megalops* Erichson, 1839: 30. Type species: *Oxyporus caelatus* Gravenhorst, 1802.  
*Megalopsidia* Leng, 1918: 204. Type species: *Oxyporus caelatus* Gravenhorst, 1802.  
*Stylopodus* Benick, 1917: 190. Type species: *Oxyporus caelatus* Gravenhorst, 1802.

**367) *Megalopinus extinctus* Yamamoto & Solodovnikov, 2016**

*Megalopinus extinctus* Yamamoto & Solodovnikov, 2016b: 141.

Type specimen(s). H (♀): AMNH Bu-SY2 (AMNH).

**Subfamily Scydmaeninae Leach, 1815**

**Tribe Glandulariini Schaufuss, 1889**

**3.297 Genus *Scydmobisetia* Jäloszyski & Yamamoto, 2016**

*Scydmobisetia* Jäloszyski & Yamamoto, 2016: 60. Type species: *Scydmobisetia vetutissima* Jäloszyski & Yamamoto, 2016.

**368) *Scydmobisetia vetutissima* Jäloszyński & Yamamoto, 2016**

*Scydmobisetia vetutissima* Jäloszyński & Yamamoto, 2016: 62.

Type specimen(s). H (♂?): AMNH Bu-SY3 (AMNH).

**Supertribe Hapsomelitae Poinar & Brown, 2004**

**3.298 Genus *Ektatotricha* Chatzimanolis, Engel & Newton 2010**

*Ektatotricha* Chatzimanolis, Engel & Newton 2010: 78. Type species: *Ektatotricha paradoxa* Chatzimanolis, Engel & Newton, 2010.

**369) *Ektatotricha paradoxa* Chatzimanolis, Engel & Newton 2010**

Staphylinoid sp. Grimaldi & Engel, 2005: 376.

*Ektatotricha paradoxa* Chatzimanolis, Engel & Newton 2010: 79.

Type specimen(s). H: AMNH Bu-1464 (AMNH). P (12??): Bu-073, Bu-259, Bu-374, Bu-1025, Bu-1046, and Bu-1579 (AMNH); Bu-001, Bu-056, Bu-067, Bu-092 (SEMC); JD2164 and unnumbered specimen (FMNH).

Additional materials. Bu-244 and Bu-1319 (AMNH).

**3.299 Genus *Electroatopos* Chatzimanolis, Engel & Newton, 2010**

*Electroatopos* Chatzimanolis, Engel & Newton, 2010: 80. Type species: *Electroatopos castaneus* Chatzimanolis, Engel & Newton, 2010.

**370) *Electroatopos castaneus* Chatzimanolis, Engel & Newton, 2010**

*Electroatopos castaneus* Chatzimanolis, Engel & Newton, 2010: 81.

Type specimen(s). H: AMNH Bu-1596 (AMNH).

**3.300 Genus *Hapsomela* Poinar & Brown, 2004**

*Hapsomela* Poinar & Brown, 2004b: 790. Type species: *Hapsomela burmitis* Poinar & Brown, 2004.

**371) *Hapsomela burmitis* Poinar & Brown, 2004**

*Hapsomela burmitis* Poinar & Brown, 2004b: 790.

Type specimen(s). H (♀): # B-C-11 (PACO).

**Supertribe Scydmaenitae Leach, 1815**

**Tribe *incertae sedis***

**3.301 Genus *Kachinus* Chatzimanolis, Engel & Newton, 2010**

*Kachinus* Chatzimanolis, Engel & Newton, 2010. Type species: *Kachinus antennatus* Chatzimanolis, Engel & Newton, 2008.

**372) *Kachinus antennatus* Chatzimanolis, Engel & Newton, 2010**

Scydmaeninae sp. Grimaldi & Engel, 2005: 372.

*Kachinus antennatus* Chatzimanolis, Engel & Newton, 2010: 82.

Type specimen(s). H: AMNH Bu-113 (AMNH).

**Supertribe Mastigitae Fleming, 1821**

**Tribe *incertae sedis***

**3.302 Genus *Cretoleptochromus* Cai & Huang, 2016**

*Cretoleptochromus* Cai & Huang, 2016a: 8. Type species: *Cretoleptochromus archaicus* Cai & Huang, 2016.

**373) *Cretoleptochromus archaicus* Cai & Huang, 2016**

*Cretoleptochromus archaicus* Cai & Huang, 2016a: 8.

Type specimen(s). H: NIGP163304 (NIGP).

**Subfamily Euaesthetinae Thomson, 1859**

**Tribe Euaesthetini Thomson, 1859**

**3.303 Genus *Octavius* Fauvel, 1873**

*Octavius* Fauvel, 1873: 62. Type species: *Octavius pyrenaicus* Fauvel, 1873.

**374) *Octavius electrospinosus* Clarke & Chatzimanolis, 2009**

*Octavius electrospinosus* Clarke & Chatzimanolis, 2009: 1429.

Type specimen(s). H (♀): AMNH BU-562(AMNH).

**Subfamily Solieriinae Newton & Thayer, 1992**

**3.304 Genus *Prosolierius* Thayer, Newton & Chatzimanolis, 2012**

*Prosolierius* Thayer, Newton & Chatzimanolis, 2012: 125. Type species: *Prosolierius crassicornis* Thayer, Newton & Chatzimanolis, 2012.

**375) *Prosolierius crassicornis* Thayer, Newton & Chatzimanolis, 2012**

*Prosolierius crassicornis* Thayer, Newton & Chatzimanolis, 2012: 128.

Type specimen(s). H (♀): AMNH Bu-273(AMNH). P (♂): KU-NHM-ENT Bu-030 (SEMC).

**376) *Prosolierius mixticornis* Thayer, Newton & Chatzimanolis, 2012**

*Prosolierius mixticornis* Thayer, Newton & Chatzimanolis, 2012: 128.

Type specimen(s). H (♀): AMNH Bu-639(AMNH). P (♂): AMNH Bu-639A(AMNH).

**377) *Prosolierius tenuicornis* Thayer, Newton & Chatzimanolis, 2012**

*Prosolierius tenuicornis* Thayer, Newton & Chatzimanolis, 2012: 130.

Type specimen(s). H (♂): AMNH Bu-635 (AMNH).

**Superfamily Scarabaeoidea Latreille, 1802**

**Family Hybosoridae Erichson, 1847**

**Subfamily Hybosorinae Erichson, 1847**

**3.305 Genus *Hybosorus* Macleay, 1819**

*Hybosorus* Macleay, 1819: 120. Type species: *Hybosorus illigeri* Reiche, 1853.

**378) *Hybosorus ocampoi* Bai & Zhang, 2016**

*Hybosorus ocampoi* Bai & Zhang, 2016: 235.

Type specimen(s). H (♀): BU-001785 (EMTG).

**Family Geotrupidae Latreille, 1802**

**Subfamily Bolboceratinae Mulsant, 1842**

**Tribe Athyreini Lynch Arribálzaga, 1878**

**3.306 Genus *Amberathyreus* Bai & Zhang, 2016**

*Amberathyreus* Bai & Zhang, 2016: 2. Type species: *Amberathyreus beuteli* Bai & Zhang, 2016.

**379) *Amberathyreus beuteli* Bai & Zhang, 2016**

*Amberathyreus beuteli* Bai & Zhang, 2016: 3.

Type specimen(s). H (?♀): No. BU-002290 (EMTG).

**Family Passalopalpidae Boucher & Bai, 2016**

**3.307 Genus *Passalopalpus* Boucher & Bai, 2016**

*Passalopalpus* Boucher & Bai, 2016: 71. Type species: *Passalopalpus cheni* Boucher, Bai & Zhang, 2016.

**380) *Passalopalpus cheni* Boucher, Bai & Zhang, 2016**

*Passalopalpus cheni* Boucher, Bai & Zhang, 2016: 71.

Type specimen(s). H (♂): NIGP163563 (NIGP). P (8 ??): NIGP163564, NIGP163560, NIGP163561, NIGP163562, NIGP163565, NIGP163566, NIGP163567 and NIGP163568(NIGP).

**Superfamily Scirtoidea Fleming, 1821**

**Family Scirtidae Fleming, 1821**

**3.308 Genus *Mesernobius* Engel, 2010**

*Mesernobius* Engel, 2010: 32. Type species: *Mesernobius anawrahtai* Engel, 2010.

**381) *Mesernobius anawrahtai* Engel, 2010**

*Mesernobius anawrahtai* Engel, 2010: 32.

Type specimen(s). H: KU Bu-019 (KUC).

**Superfamily Buprestoidea Leach, 1815**

**Family Buprestidae Leach, 1815**

**Subfamily Polycestinae Lacordaire, 1857**

**Tribe Acmaeoderini Kerremans, 1893**

**Subtribe Acmaeoderina Kerremans, 1893**

**3.309 Genus *Acmaeodera* Eschscholtz, 1829**

*Acmaeodera* Eschscholtz, 1829: 9. Type species: *Buprestis decemguttata* Thunberg, 1787.

**382) *Acmaeodera burmitina* Cockerell, 1917**

*Acmaeodera burmitina* Cockerell, 1917d: 323.

Type specimen(s). H: NHML In.19107 (NHML).

**Superfamily Byrrhoidea Latreille, 1804**  
**Family Ptilodactylidae Laporte, 1836**

**3.310 Genus *Aphebodactyla* Chatzimanolis et al., 2012**

*Aphebodactyla* Chatzimanolis et al., 2012: 571. Type species: *Aphebodactyla rhetine* Chatzimanolis et al., 2012.

**383) *Aphebodactyla rhetine* Chatzimanolis et al., 2012**

*Aphebodactyla rhetine* Chatzimanolis et al., 2012: 572.

Type specimen(s). H (♂): KU-NHM-ENT Bu-006 (KUC).

**Superfamily Elateroidea Leach, 1815**  
**Family Elateridae Leach, 1815**

**3.311 Genus *Elater* Linnaeus, 1758**

*Elater* Linnaeus, 1758: 408. Type species: Unknown.

**384) *Elater burmitinus* Cockerell, 1917**

*Elater burmitinus* Cockerell, 1917d: 325.

Type specimen(s). H: NHML In.19102 (NHML).

**Family Lampyridae Rafinesque, 1815**  
**Subfamily Luciolinae Lacordaire, 1857**

**3.312 Genus *Protoluciola* Kazantsev, 2015**

*Protoluciola* Kazantsev, 2015: 281. Type species: *Protoluciola albertalleni* Kazantsev, 2015.

**385) *Protoluciola albertalleni* Kazantsev, 2015**

*Protoluciola albertalleni* Kazantsev, 2015: 283.

Type specimen(s). H (♂): ICM-BU-1687–1 (ICM).

**Family Cantharidae Imhoff, 1856**  
**Subfamily Cantharinae Imhoff, 1856**  
**Tribe Cantharini Imhoff, 1856**

**3.313 Genus *Ornatomalthinus* Poinar & Fanti, 2016**

*Ornatomalthinus* Poinar & Fanti, 2016: 2. Type species: *Ornatomalthinus elvirae* Poinar & Fanti, 2016.

**386) *Ornatomalthinus elvirae* Poinar & Fanti, 2016**

*Ornatomalthinus elvirae* Poinar & Fanti, 2016: 2.

Type specimen(s). H (♀): No. B-C-28 (PACO).

**Subfamily Malthininae Kiesenwetter, 1852**  
**Tribe Malthodini Böving & Craighead, 1930**

**3.314 Genus *Archaeomalthodes* Hsiao, Ślipiński & Pang, 2016**

*Archaeomalthodes* Hsiao, Ślipiński & Pang, 2016: 6. Type species: *Archaeomalthodes rosetta* Hsiao, Ślipiński & Pang, 2016.

**387) *Archaeomalthodes rosetta* Hsiao, Ślipiński & Pang, 2016**

*Archaeomalthodes rosetta* Hsiao, Ślipiński & Pang, 2016: 7.

Type specimen(s). H (♀): No. CNU-COL-MA20160200 (CNU).

**Superfamily Bostrichoidea Latreille, 1802**

**Family Dermestidae Latreille, 1804**

**Subfamily Dermestinae Latreille, 1804**

**Tribe Dermestini Latreille, 1804**

**3.315 Genus *Dermestes* Linnaeus, 1758**

*Dermestes* Linnaeus, 1758: 342. Type species: *Dermestes lardarius* Linnaeus, 1758.

**388) *Dermestes larvalis* Cockerell, 1917**

*Dermestes larvalis* Cockerell, 1917b: 43.

Type specimen(s). H: NHML In.19108, a nymph (NHML).

**Superfamily Cucujoidea Latreille, 1802**

**Family Silvanidae Kirby, 1837**

**3.316 Genus *Pleuroceratos* Poinar & Kirejtshuk, 2008**

*Pleuroceratos* Poinar & Kirejtshuk, 2008: 251. Type species: *Pleuroceratos burmiticus* Poinar & Kirejtshuk, 2008.

**389) *Pleuroceratos burmiticus* Poinar & Kirejtshuk, 2008**

*Pleuroceratos burmiticus* Poinar & Kirejtshuk, 2008: 253.

Type specimen(s). H (♂): #ab 378 (RBAC).

**Family Monotomidae Laporte, 1840**

**Subfamily Monotominae Laporte, 1840**

**Tribe Cretakarenniini Peris & Delclòs, 2015**

**3.317 Genus *Cretakarenni* Peris & Delclòs, 2015**

*Cretakarenni* Peris & Delclòs, 2015: 335. Type species: *Cretakarenni birmanicus* Peris & Delclòs, 2015.

**390) *Cretakarenni birmanicus* Peris & Delclòs, 2015**

*Cretakarenni birmanicus* Peris & Delclòs, 2015: 336.

Type specimen(s). H: JZC Bu-33C (JZC).

**Family Smicripidae Horn, 1879**

**3.318 Genus *Smicrips* LeConte, 1878**

*Smicrips* LeConte, 1878: 399. Type species: *Smicrips palmicola* LeConte, 1878.

**391) *Smicrips cretacea* Cai & Huang, 2016**

*Smicrips cretacea* Cai & Huang, 2016b: 46.

Type specimen(s). H: NIGP163547 (NIGP).

**Superfamily Tenebrionoidea Latreille, 1802**

**Family Tetratomidae Billberg, 1820**



**Subfamily Eustrophinae Gistel, 1856**  
**Tribe *incertae sedis***

**3.319 Genus *Cretosynstrophus* Cai, Hsiao & Huang, 2016**

*Cretosynstrophus* Cai, Hsiao & Huang, 2016: 276. Type species: *Cretosynstrophus archaicus* Cai, Hsiao & Huang, 2016.

**392) *Cretosynstrophus archaicus* Cai, Hsiao & Huang, 2016**

*Cretosynstrophus archaicus* Cai, Hsiao & Huang, 2016: 276.

Type specimen(s). H: NIGP163303 (NIGP).

**Tribe Eustrophini Gistel, 1856**

**3.320 Genus *Thescelostrophus* Yu, Hsiao, Ślipiński, Jin, Ren & Pang, 2016**

*Thescelostrophus* Yu, Hsiao, Ślipiński, Jin, Ren & Pang, 2016: 35. Type species: *Thescelostrophus cretaceus* Yu, Hsiao, Ślipiński, Jin, Ren & Pang, 2016.

**393) *Thescelostrophus cretaceus* Yu, Hsiao, Ślipiński, Jin, Ren & Pang, 2016**

*Thescelostrophus cretaceus* Yu, Hsiao, Ślipiński, Jin, Ren & Pang, 2016: 36.

Type specimen(s). H: No. CNU-COL-MA2016001 (CNU).

**Family Rhiphoridae Gemminger, 1870**  
**Subfamily Rhipidiinae Gerstaecker, 1855**

**3.321 Genus *Cretaceoripidius* Falin & Engel, 2010**

*Cretaceoripidius* Falin & Engel, 2010: 38. Type species: *Cretaceoripidius burmiticus* (Cockerell, 1917).

**394) *Cretaceoripidius burmiticus* (Cockerell, 1917)**

*Myodites burmiticus* Cockerell, 1917b: 42.

*Rhiphorus burmiticus*: Perrichot, Nel & Néraudeau, 2004: 581.

*Cretaceoripidius burmiticus*: Falin & Engel, 2010: 38.

Type specimen(s). H: NHML In.19092 (NHML).

**3.322 Genus *Paleoripiphorus* Perrichot, Nel & Néraudeau, 2004**

*Paleoripiphorus* Perrichot, Nel & Néraudeau, 2004: 577. Type species: *Paleoripiphorus deploegi* Perrichot, Nel & Néraudeau, 2004.

**395) *Paleoripiphorus deploegi* Perrichot, Nel & Néraudeau, 2004**

*Paleoripiphorus deploegi* Perrichot, Nel & Néraudeau, 2004: 577.

Type specimen(s). H: Specimen ARC 254.6 (TD: PMNH) (TL: Archingeay/Les Nouillers, Charente-Maritime, SW France).

Additional materials. AND-B-834 (TD: AMNH) (TL: Myanmar).

**Subfamily Pelecotominae Seidlitz, 1875**

**3.323 Genus *Flabellotoma* Batelka, Prokop & Engel, 2016**

*Flabellotoma* Batelka, Prokop & Engel, 2016: 71. Type species: *Flabellotoma heidia* Batelka, Prokop & Engel, 2016.

**396) *Flabellotoma heidia* Batelka, Prokop & Engel, 2016**

*Flabellotoma heidia* Batelka, Prokop & Engel, 2016: 71.

Type specimen(s). H (♂): AND-B-107 (AMNH).

**Family Prostomidae Thomson, 1859**

**3.324 Genus *Vetuprostomis* Engel & Grimaldi, 2008**

*Vetuprostomis* Engel & Grimaldi, 2008a: 215. Type species: *Vetuprostomis consimilis* Engel & Grimaldi, 2008.

**397) *Vetuprostomis consimilis* Engel & Grimaldi, 2008**

Prostomidae sp. Grimaldi & Engel, 2005: 390.

*Vetuprostomis consimilis* Engel & Grimaldi, 2008: 216.

Type specimen(s). H: Bu-1422 (AMNH).

**Family Meloidae Gyllenhal, 1810**

**3.325 Genus *Microentomus* Poinar, 2015**

*Microentomus* Poinar, 2015: 378. Type species: *Microentomus epibatus* Poinar, 2015.

**398) *Microentomus epibatus* Poinar, 2015**

*Microentomus epibatus* Poinar, 2015: 378.

Type specimen(s). H: accession # B-He-24B (PACO).

**Family Anthicidae Latreille, 1819**

**Subfamily Eurygeniinae LeConte, 1862**

**Tribe Eurygeniini LeConte, 1862**

**3.326 Genus *Eurygenius* LaFerté-Sénéctere, 1849**

*Eurygenius* LaFerté-Sénéctere, 1849: 185. Type species: *Eurygenius parvicornis* Fall, 1929.

**399) *Eurygenius wickhami* Cockerell, 1917**

*Eurygenius wickhami* Cockerell, 1917d: 324.

Type specimen(s). H: NHML In.19110 (NHML).

**Superfamily Curculionoidea Latreille, 1802**

**Family Nemonychidae Bedel, 1882**

**Subfamily Rhinorhynchinae Voss, 1922**

**3.327 Genus *Burmonyx* Davis & Engel, 2014**

*Burmonyx* Davis & Engel, 2014: 129. Type species: *Burmonyx zigrasi* Davis & Engel, 2014.

**400) *Burmonyx zigrasi* Davis & Engel, 2014**

*Burmonyx zigrasi* Davis & Engel, 2014: 129.

Type specimen(s). H (♀): JZC-Bu228 (JZC).

**Family Curculionidae Latreille, 1802**

**3.328 Genus *Cryphalites* Cockerell, 1917**

*Cryphalites* Cockerell, 1917a: 368. Type species: *Cryphalites rugosissimus* Cockerell, 1917.

**401) *Cryphalites rugosissimus* Cockerell, 1917**

*Cryphalites rugosissimus* Cockerell, 1917a: 368.

Type specimen(s). H: NHML In.19111 (NHML).

**3.329 Genus *Dorotheus* Kuschel, 1959**

*Dorotheus* Kuschel, 1959: 50. Type species: *Dorotheus guidensis* Kuschel, 1959.

**402) *Dorotheus guidensis* Kuschel, 1959**

*Dorotheus guidensis* Kuschel, 1959: 50.

Type specimen(s). H: SPMN J.C. 1693.

**Subfamily Eriirhininae Schoenherr, 1825**

**Tribe Paleocryptorhynchini Poinar & Legalov, 2015**

**3.330 Genus *Palaeocryptorhynchus* Poinar, 2009**

*Palaeocryptorhynchus* Poinar, 2009c: 587. Type species: *Palaeocryptorhynchus burmanus* Poinar, 2009.

**403) *Palaeocryptorhynchus burmanus* Poinar, 2009**

*Palaeocryptorhynchus burmanus* Poinar, 2009c: 588.

Type specimen(s). H (♀): accession # B-C-42 (PACO).

**Subfamily Scolytinae Latreille, 1804**

**3.331 Genus *Microborus* Blandford, 1897**

*Microborus* Blandford, 1897: 175. Type species: *Microborus boops* Blandford, 1897.

**404) *Microborus inertus* Cognato & Grimaldi, 2009**

*Microborus inertus* Cognato & Grimaldi, 2009: 95.

Type specimen(s). H: AMNH Bu1607 (AMNH).

**Family Ithyceridae Schoenherr, 1823**

**Subfamily Carinae Thompson, 1992**

**Tribe Anchineini Poinar & Legalov, 2014**

**3.332 Genus *Anchineus* Poinar & Brown, 2009**

*Anchineus* Poinar & Brown, 2009a: 263. Type species: *Anchineus dolichobothris* Poinar & Brown, 2009.

**405) *Anchineus dolichobothris* Poinar & Brown, 2009**

*Anchineus dolichobothris* Poinar & Brown, 2009a: 264.

Type specimen(s). H (♀): # B-C-41 (PACO).

**Tribe Mesophyletini Poinar, 2006**

**3.333 Genus *Mesophyletis* Poinar, 2006**

*Mesophyletis* Poinar, 2006: 879. Type species: *Mesophyletis calhouni* Poinar, 2006.

**406) *Mesophyletis calhouni* Poinar, 2006**

*Mesophyletis calhouni* Poinar, 2006: 880.

Type specimen(s). H (♀): KY41042 (RBAC).

**Tribe Mektorhamphini Poinar, Brown & Legalov, 2016**

**3.334 Genus *Mektorhamphus* Poinar, Brown & Legalov, 2016**

*Mektorhamphus* Poinar, Brown & Legalov, 2016a: 158. Type species: *Mektorhamphus gyalomus* Poinar, Brown & Legalov, 2016.

**407) *Mektorhamphus gyalomus* Poinar, Brown & Legalov, 2016**

*Mektorhamphus gyalomus* Poinar, Brown & Legalov, 2016a: 158.

Type specimen(s). H (♀): ISEA no. MA2015/1 (ISEA).

**3.335 Genus *Habropezus* Poinar, Brown & Legalov, 2016**

*Habropezus* Poinar, Brown & Legalov, 2016a: 159. Type species: *Habropezus plaisiomus* Poinar, Brown & Legalov, 2016.

**408) *Habropezus plaisiomus* Poinar, Brown & Legalov, 2016**

*Habropezus plaisiomus* Poinar, Brown & Legalov, 2016a: 159.

Type specimen(s). H (♀): PACO no. Bu-C-48A (PACO). P (?): PACO no. Bu-C-48B (PACO).

**Order Strepsiptera Kirby, 1813**

**Family Phthanoxenidae Engel & Huang, 2016**

**3.336 Genus *Phthanoxenos* Engel & Huang, 2016**

*Phthanoxenos* Engel & Huang, 2016f: 163. Type species: *Phthanoxenos nervosus* Engel & Huang, 2016.

**409) *Phthanoxenos nervosus* Engel & Huang, 2016**

*Phthanoxenos nervosus* Engel & Huang, 2016f: 163.

Type specimen(s). H (♂): NIGP 162694 (NIGP).

**Family Kinzelbachillidae Pohl & Beutel, 2016**

**3.337 Genus *Kinzelbachilla* Pohl & Beutel, 2016**

*Kinzelbachilla* Pohl & Beutel, 2016: 289. Type species: *Kinzelbachilla ellenbergeri* Pohl & Beutel, 2016.

**410) *Kinzelbachilla ellenbergeri* Pohl & Beutel, 2016**

*Kinzelbachilla ellenbergeri* Pohl & Beutel, 2016: 290.

Type specimen(s). H (♂): Specimen number not assigned (PMJU).

**Family *incertae sedis***

**3.338 Genus *Cretostylops* Grimaldi & Kathirithamby, 2005**

*Cretostylops* Grimaldi & Kathirithamby, 2005: 3. Type species: *Cretostylops engeli* Grimaldi & Kathirithamby, 2005: 6.

**411) *Cretostylops engeli* Grimaldi & Kathirithamby, 2005**

*Cretostylops engeli* Grimaldi & Kathirithamby, 2005: 6.

Type specimen(s). H (♂): AMNH Bu-1558 (AMNH).

**Order Mecoptera Packard, 1886**

**Family Pseudopolycentropodidae Handlirsch, 1925**

**3.339 Genus *Parapolycentropus burmiticus* Grimaldi & Rasnitsyn, 2005**

*Parapolycentropus* Grimaldi & Rasnitsyn, 2005: 451. Type species: *Parapolycentropus burmiticus* Grimaldi & Rasnitsyn, 2005.

**412) *Parapolycentropus burmiticus* Grimaldi & Rasnitsyn, 2005**

*Parapolycentropus burmiticus* Grimaldi & Rasnitsyn, 2005: 451.

Type specimen(s). H (♂): AMNH Bu694 (AMNH). P (♀): AMNH Bu134 (AMNH).

**413) *Parapolycentropus paraburmiticus* Grimaldi & Rasnitsyn, 2005**

*Parapolycentropus paraburmiticus* Grimaldi & Rasnitsyn, 2005: 453.

Type specimen(s). H (♀): AMNH Bu1558 (AMNH).

**Family Meropeidae Handlirsch, 1906**

**3.340 Genus *Burmomerope* Grimaldi & Engel, 2013**

*Burmomerope* Grimaldi & Engel, 2013: 255. Type species: *Burmomerope eureka* Grimaldi & Engel, 2013.

**414) *Burmomerope clara* Zhao & Wang, 2016**

*Burmomerope clara* Zhao & Wang, 2016: 137.

Type specimen(s). H (♀): NIGP164028 (NIGP).

**415) *Burmomerope eureka* Grimaldi & Engel, 2013**

*Burmomerope eureka* Grimaldi & Engel, 2013: 256.

Type specimen(s). H (♂): JZC Bu-84 (JZC).

**Order Megaloptera Latreille, 1802**

**Family Sialidae Leach, 1815**

**3.341 Genus *Haplosialodes* Huang *et al.*, 2016**

*Haplosialodes* Huang *et al.*, 2016a: 7. Type species: *Haplosialodes liui* Huang *et al.*, 2016.

**416) *Haplosialodes liui* Huang *et al.*, 2016**

*Haplosialodes liui* Huang *et al.*, 2016a: 8.

Type specimen(s). H (♂): NIGP163666 (NIGP).

**Order Diptera Linnaeus, 1758**

**Families *incertae sedis***

**3.342 Genus *Gracilomyia* Grimaldi, 2016**

*Gracilomyia* Grimaldi, 2016: 78. Type species: *Gracilomyia wit* Grimaldi, 2016.

**417) *Gracilomyia wit* Grimaldi, 2016**

*Gracilomyia wit* Grimaldi, 2016: 79.

Type specimen(s). H (♀): AMNH Bu-SE14 (AMNH).

**Family Mysteromyiidae Grimaldi, 2016**

**3.343 Genus *Mysteromyia* Grimaldi, 2016**

*Mysteromyia* Grimaldi, 2016: 82. Type species: *Mysteromyia plumosa* Grimaldi, 2016.

**418) *Mysteromyia plumosa* Grimaldi, 2016**

*Mysteromyia plumosa* Grimaldi, 2016: 82.

Type specimen(s). H (♀): JZC Bu-1817a (JZC).

**Family Eucaudomyiidae Grimaldi, 2016**

**3.344 Genus *Eucaudomyia* Grimaldi, 2016**

*Eucaudomyia* Grimaldi, 2016: 85. Type species: *Eucaudomyia longicerci* Grimaldi, 2016.

**419) *Eucaudomyia longicerci* Grimaldi, 2016**

*Eucaudomyia longicerci* Grimaldi, 2016: 86.

Type specimen(s). H (♀): JZC Bu-241 (JZC). P (♀): ? (NIGP).

**Family Lygistorrhinidae Edwards, 1925**

**3.345 Genus *Archaeognoriste* Blagoderov & Grimaldi, 2004**

*Archaeognoriste* Blagoderov & Grimaldi, 2004: 12. Type Species: *Archaeognoriste primitiva* Blagoderov & Grimaldi, 2004.

**420) *Archaeognoriste primitiva* Blagoderov & Grimaldi, 2004**

*Archaeognoriste primitiva* Blagoderov & Grimaldi, 2004: 12.

Type specimen(s). H (♂): AMNH Bu-1539 (AMNH). P (4♂): AMNH Bu-412a, Bu- 412b, Bu-485, Bu- 693 (AMNH).

**3.346 Genus *Protognoriste* Blagoderov & Grimaldi, 2004**

*Protognoriste* Blagoderov & Grimaldi, 2004: 17. Type species: *Protognoriste amplicauda* Blagoderov & Grimaldi, 2004.

**421) *Protognoriste goeleti* Blagoderov & Grimaldi, 2004**

*Protognoriste goeleti* Blagoderov & Grimaldi, 2004: 19.

Type specimen(s). H (♀): AMNH Bu-406 (AMNH).

**422) *Protognoriste nascifoa* Blagoderov & Grimaldi, 2004**

*Protognoriste nascifoa* Blagoderov & Grimaldi, 2004: 19.

Type specimen(s). H (♂): AMNH Bu-434 (AMNH).

**3.347 Genus *Leptognoriste* Blagoderov & Grimaldi, 2004**

*Leptognoriste* Blagoderov & Grimaldi, 2004: 20. Type species: *Leptognoriste davis* Blagoderov & Grimaldi, 2004.

**423) *Leptognoriste davis* Blagoderov & Grimaldi, 2004**

*Leptognoriste davis* Blagoderov & Grimaldi, 2004: 20.

Type specimen(s). H (♂): AMNH Bu-126a (AMNH). P (♂): AMNH Bu-126b (AMNH).

**424) *Leptognoriste microstoma* Blagoderov & Grimaldi, 2004**

*Leptognoriste microstoma* Blagoderov & Grimaldi, 2004: 20.

Type specimen(s). H: AMNH Bu-429 (AMNH).

**Family Chimeromyiidae Grimaldi & Cumming, 2009**

**3.348 Genus *Chimeromyia* Grimaldi & Cumming, 1999**

*Chimeromyia* Grimaldi & Cumming, 1999: 69. Type species: *Chimeromyia intriguea* Grimaldi & Cumming, 1999.

**425) *Chimeromyia burmitica* Grimaldi & Cumming, 2009**

*Chimeromyia burmitica* Grimaldi & Cumming, 2009: 36.

Type specimen(s). H (♂): AMNH Bu352 (AMNH). P (2♀): AMNH Bu298, AMNH Bu504 (AMNH).

**Family Tethepomyiidae Grimaldi & Arillo, 2009**

**3.349 Genus *Tethepomyia* Grimaldi & Cumming, 1999**

*Tethepomyia* Grimaldi & Cumming, 1999: 6. Type species: *Tethepomyia thauma* Grimaldi & Cumming, 1999.

**426) *Tethepomyia coxa* Grimaldi, 2016**

*Tethepomyia coxa* Grimaldi 2016: 60.

Type specimen(s). H (♂): AMNH Bu-SE10 (AMNH).

**427) *Tethepomyia zigrasi* Grimaldi & Arillo, 2011**

*Tethepomyia zigrasi* Grimaldi & Arillo, 2011: 323.

Type specimen(s). H (♀): Specimen number not assigned (JZC).

**Family Valeseguyidae Amorim & Grimaldi, 2006**

**3.350 Genus *Cretoseguya* Amorim & Grimaldi, 2006**

*Cretoseguya* Amorim & Grimaldi, 2006: 509. Type species: *Cretoseguya burmitica* Amorim & Grimaldi, 2006.

**428) *Cretoseguya burmitica* Amorim & Grimaldi, 2006**

*Cretoseguya burmitica* Amorim & Grimaldi, 2006: 509.

Type specimen(s). H (♀): AMNH Bu108 (AMNH).

**Family Archizelmiridae Rohdendorf, 1962**

**3.351 Genus *Burmazelmira* Grimaldi *et al.*, 2003**

*Burmazelmira* Grimaldi *et al.*, 2003: 374. Type species: *Burmazelmira aristica* Grimaldi *et al.*, 2003.

**429) *Burmazelmira aristica* Grimaldi *et al.*, 2003**

*Burmazelmira aristica* Grimaldi *et al.*, 2003: 374.

Type specimen(s). H: AMNH Bu178 (AMNH). P (???): AMNH Bu194, Bu398, Bu400, Bu491, Bu492, Bu493, Bu565W (AMNH).

**Family Mycetophilidae Newman, 1834**

**3.352 Genus *Burmacrocera* Cockerell, 1917**

*Burmacrocera* Cockerell, 1917d: 326. Type species: *Burmacrocera petiolata* Cockerell, 1917.

**430) *Burmacrocera petiolata* Cockerell, 1917**

*Burmacrocera petiolata* Cockerell, 1917d: 327.

Type specimen(s). H: NHML In.19104 (NHML).

**Suborder Nematocera Latreille, 1825**

**Infraorder Culicomorpha Hennig, 1948**  
**Superfamily Culicoidea Meigen, 1818**  
**Family Corethrellidae Edwards, 1932**

**3.353 Genus *Corethrella* Coquillett, 1902**

*Corethrella* Coquillett, 1902: 191. Type species: *Corethm bmkeleyi* Coquillett, 1902.

**431) *Corethrella* (*s. str.*) *andersoni* Poinar & Szadziewski, 2007**

*Corethrella andersoni* Poinar & Szadziewski, 2007: 155.

*Corethrella* (*s. str.*) *andersoni*: Borkent, 2014: 453.

Type specimen(s). H (♀): # B-D-56 (PACO).

**Family Chaoboridae Edwards, 1912**

**3.354 Genus *Chaoburmus* Lukashevitch, 2000**

*Chaoburmus* Lukashevitch, 2000: 48. Type species: *Chaoburmus brevisculus* Lukashevitch, 2000.

**432) *Chaoburmus brevisculus* Lukashevitch, 2000**

*Chaoburmus brevisculus* Lukashevitch, 2000: 49.

Type specimen(s). H (♂): NHM In.20168 (NHML). P (♀): NHM In.20 168(1) (NHML).

**433) ?*Chaoburmus victimaartis* Lukashevitch, 2000**

?*Chaoburmus victimaartis* Lukashevitch, 2000: 50.

Type specimen(s). H (♂): NHM In.20157 (NHML).

**Family Culicidae Meigen, 1818**  
**Subfamily Burmaculinae Borkent & Grimaldi, 2016**

**3.355 Genus *Burmaculex* Borkent & Grimaldi, 2004**

*Burmaculex* Borkent & Grimaldi, 2004: 883. Type species: *Burmaculex antiquus* Borkent & Grimaldi, 2004.

**434) *Burmaculex antiquus* Borkent & Grimaldi, 2004**

*Burmaculex antiquus* Borkent & Grimaldi, 2004: 883.

Type specimen(s). H (♀): AMNH Bu-032 (AMNH).

**Superfamily Chironomoidea Macquart, 1838**  
**Family Ceratopogonidae Newman, 1834**

**3.356 Genus *Archiculicoides* Szadziewski, 1996**

*Archiculicoides* Szadziewski, 1996: 29. Type species: *Archiculicoides schleei* Szadziewski, 1996.

**435) *Archiculicoides andersoni* Szadziewski, 2015**

*Archiculicoides andersoni* Szadziewski, 2015: 557.

Type specimen(s). H (♀): NMS, G.2010.20.24 (NMS).

**436) *Archiculicoides burmiticus* (Szadziewski & Poinar, 2005)**

*Protoculicoides burmiticus* Szadziewski & Poinar, 2005: 352.

*Archiculicoides burmiticus*: Szadziewski *et al.*, 2016: 5.



Type specimen(s). H (♂): In. C- 1 (PACO).

### Subfamily Leptoconopinae Noe, 1907

#### 3.357 Genus *Archiaustroconops* Szadziewski, 1996

*Archiaustroconops* Szadziewski, 1996: 34. Type species: *Archiaustroconops ceratoformis* Szadziewski, 1996.

#### 437) *Archiaustroconops gracilis* Szadziewski & Poinar, 2005

*Archiaustroconops gracilis* Szadziewski & Poinar, 2005: 355.

Type specimen(s). H (♂): In. C-5 (PACO).

#### 438) *Archiaustroconops kotejai* Szadziewski & Poinar, 2005

*Archiaustroconops kotejai* Szadziewski & Poinar, 2005: 356.

Type specimen(s). H (♂): In. C-4 (PACO).

#### 3.358 Genus *Austroconops* Wirth & Lee, 1958

*Austroconops* Wirth & Lee, 1958: 38. Type species: *Austroconops mcmillani* Wirth & Lee, 1958.

#### 439) *Austroconops asiaticus* Szadziewski, 2004

*Austroconops asiaticus* Szadziewski, 2004: 115.

Type specimen(s). H (♂): NHML In. 20173(4) (NHML).

#### 3.359 Genus *Leptoconops* Skuse, 1889

*Leptoconops* Skuse, 1889: 288. Type species: *Leptococops stygius* Skuse, 1889.

*Mycterotypus* Noè, 1905: 114. Type species: *Mycterotypus bezzii* Noè, 1905.

*Protersesthes* Kieffer, 1921: 107. Type species: *Tersesthes brasiliensis* Lutz, 1921.

*Tersesthes* Townsend, 1893: 370. Type species: *Tersesthes torrens* Townsend, 1893.

*Schizoconops* Kieffer, 1918: 135. Type species: *Schizoconops indicus* Kieffer, 1918.

#### 440) *Leptoconops (Leptoconops) burmiticus* Szadziewski, 2004

*Leptoconops burmiticus* Szadziewski, 2004: 116.

*Leptoconops (Leptoconops) burmiticus*: Borkent, 2012: 14.

Type specimen(s). H (♀): NHML In. 20700 (NHML).

#### 441) *Leptoconops (Leptoconops) ellenbergeri* Szadziewski, 2015

*Leptoconops (Leptoconops) ellenbergeri* Szadziewski, 2015: 256.

Type specimen(s). H (♂): MIB 5613 (MAI).

#### 442) *Leptoconops (Leptoconops) myanmaricus* Szadziewski, 2004

*Leptoconops myanmaricus* Szadziewski, 2004: 117.

*Leptoconops (Leptoconops) myanmaricus*: Borkent, 2012: 14.

Type specimen(s). H (♀): NHML In. 20168(6) (NHML). P (2♀): In. 20168(7), In. 20168(8) (NHML).

Additional materials. In 20168 (9) (♂) (NHML).

#### 443) *Leptoconops (Leptoconops) nosopheris* Poinar, 2008

*Leptoconops nosopheris* Poinar, 2008a: 468.

*Leptoconops (Leptoconops) nosopheris*: Borkent, 2012: 14.

Type specimen(s). H (♀): BD- 47b (PACO).

**444) *Leptoconops (Leptoconops) rossi* Szadziewski, 2004**

*Leptoconops rossi* Szadziewski, 2004: 118.

*Leptoconops (Leptoconops) rossi*: Borkent, 2012: 14.

Type specimen(s). H (♂): NHML In. 20173(1) (NHML). P (2♀): In. 20173(2), In. 20173(3) (NHML).

**445) *Leptoconops (Leptoconops) subrossicus* Szadziewski & Poinar, 2005**

*Leptoconops subrossicus* Szadziewski & Poinar, 2005: 359.

*Leptoconops (Leptoconops) subrossicus*: Borkent, 2012: 15.

Type specimen(s). H (♂): In. C-12 (PACO).

**Subfamily Atriculicoidinae Szadziewski, 1996**

**3.360 Genus *Protoculicoides* Boesel, 1937**

*Protoculicoides* Boesel, 1937. Type species: *Protoculicoides depressus* Boesel, 1937.

*Atriculicoides* Remm, 1976: 108. Type species: *Atriculicoides macrophthalmus* Remm, 1976.

**446) *Protoculicoides swinhoei* (Cockerell, 1919)**

*Johannsenomyia swinhoei* Cockerell, 1919a: 243.

*Atriculicoides swinhoei*: Szadziewski 2004: 119.

*Protoculicoides swinhoei*: Szadziewski & Arillo, 2016: 8

Type specimen(s). H (♂): NHML In. 19133 (NHML).

Additional materials. NHML In. 20168(11) 1 (♂), In.20190, 1(♂).

**Infraorder Bibionomorpha Hennig, 1954**

**Superfamily Bibionoidea Newman, 1834**

**Family Cascopleciidae Poinar, 2010**

**3.361 Genus *Cascoplecia* Poinar, 2010**

*Cascoplecia* Poinar, 2010a: 72. Type species: *Cascoplecia insolitis* Poinar, 2010.

**447) *Cascoplecia insolitis* Poinar, 2010**

*Cascoplecia insolitis* Poinar, 2010a: 72.

Type specimen(s). H (♀): accession # B-D- 68 (PACO).

**Superfamily Sciaroidea Billberg, 1820**

**Family Diadocidiidae Edwards, 1925**

**3.362 Genus *Docidiadia* Blagoderov & Grimaldi, 2004**

*Docidiadia* Blagoderov & Grimaldi, 2004: 6. Type species: *Docidiadia burmitica* Blagoderov & Grimaldi, 2004.

**448) *Docidiadia burmitica* Blagoderov & Grimaldi, 2004**

*Docidiadia burmitica* Blagoderov & Grimaldi, 2004: 7.

Type specimen(s). H (♂): AMNH Bu-033 (AMNH). P (♀): B-002 (AMNH).

**Family Mycetophilidae Newman, 1834**

**3.363 Genus *Sciara* Meigen, 1803**

*Sciara* Meigen, 1803: 263. Type species: *Tipula thomae* Linnaeus, 1767.

**449) *Sciara burmitina* Cockerell, 1917***Sciara burmitina* Cockerell, 1917e: 20.

Type specimen(s). H: NHML In.19100 (NHML).

**Subfamily Manotinae Edwards, 1925****3.364 Genus *Alavamanota* Blagoderov & Arillo, 2002***Alavamanota* Blagoderov & Arillo, 2002: 34. Type Species: *Alavamanota hispanica* Blagoderov & Arillo, 2002.**450) *Alavamanota burmitina* Blagoderov & Grimaldi, 2004***Alavamanota burmitina* Blagoderov & Grimaldi, 2004: 22.

Type specimen(s). H (♂): AMNH Bu-1271 (AMNH). P (2♂): AMNH Bu-428a, Bu 279a (AMNH).

**Subfamily Sciophilinae Winnertz, 1863****Tribe Sciophilini Winnertz, 1863****3.365 Genus *Allocotocera* Mik, 1886***Eurycera* Dziedzicki, 1885: 166. Type species: *Eurycera flava* Dziedzicki, 1885.*Allocotocera* Mik, 1886: 102. Type species: *Eurycera flava* Dziedzicki, 1885.**451) *Allocotocera burmitica* Blagoderov & Grimaldi, 2004***Allocotocera burmitica* Blagoderov & Grimaldi, 2004: 24.

Type specimen(s). H (♀): AMNH B-056 (AMNH).

**3.366 Genus *Pseudomanota* Blagoderov & Grimaldi, 2004***Pseudomanota* Blagoderov & Grimaldi, 2004: 25. Type species: *Pseudomanota perplexa* Blagoderov & Grimaldi, 2004.**452) *Pseudomanota perplexa* Blagoderov & Grimaldi, 2004***Pseudomanota perplexa* Blagoderov & Grimaldi, 2004: 25.

Type specimen(s). H (♂): AMNH Bu-599a (AMNH).

**Tribe Gnoristini Edwards, 1925****3.367 Genus *Gaalomyia* Blagoderov & Grimaldi, 2004***Gaalomyia* Blagoderov & Grimaldi, 2004: 34. Type Species: *Gaalomyia carolinae* Blagoderov & Grimaldi, 2004.**453) *Gaalomyia carolinae* Blagoderov & Grimaldi, 2004***Gaalomyia carolinae* Blagoderov & Grimaldi, 2004: 34.

Type specimen(s). H (♂): AMNH Bu-390 (AMNH).

**Tribe Leiini Edwards, 1925****3.368 Genus *Disparoleia* Blagoderov & Grimaldi, 2004***Disparoleia* Blagoderov & Grimaldi, 2004: 48. Type species: *Disparoleia cristata* Blagoderov & Grimaldi, 2004.**454) *Disparoleia cristata* Blagoderov & Grimaldi, 2004***Disparoleia cristata* Blagoderov & Grimaldi, 2004: 48.

Type specimen(s). H (♀): AMNH B-0125 (AMNH).

**3.369 Genus *Hemolia* Blagoderov & Grimaldi, 2004**

*Hemolia* Blagoderov & Grimaldi, 2004: 48. Type species: *Hemolia matilei* Blagoderov & Grimaldi, 2004.

**455) *Hemolia matilei* Blagoderov & Grimaldi, 2004**

*Hemolia matilei* Blagoderov & Grimaldi, 2004: 51.

Type specimen(s). H (♂): AMNH B-0132 (AMNH). P (♀): AMNH B-0133a (AMNH).

**456) *Hemolia glabra* Blagoderov & Grimaldi, 2004**

*Hemolia glabra* Blagoderov & Grimaldi, 2004: 51.

Type specimen(s). H (♀): AMNH B-0112 (AMNH).

**3.370 Genus *Protragoneura* Blagoderov & Grimaldi, 2004**

*Protragoneura* Blagoderov & Grimaldi, 2004: 52. Type species: *Protragoneura platycera* Blagoderov & Grimaldi, 2004.

**457) *Protragoneura platycera* Blagoderov & Grimaldi, 2004**

*Protragoneura platycera* Blagoderov & Grimaldi, 2004: 52.

Type specimen(s). H (♂): AMNH Bu-135 (AMNH). P (♂): AMNH Bu-1076.

**3.371 Genus *Temaleia* Blagoderov & Grimaldi, 2004**

*Temaleia* Blagoderov & Grimaldi, 2004: 45. Type species: *Temaleia birmatica* Blagoderov & Grimaldi, 2004: 45.

**458) *Temaleia birmatica* Blagoderov & Grimaldi, 2004**

*Temaleia birmatica* Blagoderov & Grimaldi, 2004: 45.

Type specimen(s). H (♀): AMNH Bu-483a (AMNH). P (2♂): AMNH Bu-060, Bu- 054 (AMNH).

**3.372 Genus *Zeliinia* Blagoderov & Grimaldi, 2004**

*Zeliinia* Blagoderov & Grimaldi, 2004: 43. Type Species: *Zeliinia orientalis* Blagoderov & Grimaldi, 2004.

**459) *Zeliinia orientalis* Blagoderov & Grimaldi, 2004**

*Zeliinia orientalis* Blagoderov & Grimaldi, 2004: 43.

Type specimen(s). H (♂): AMNH Bu-315 (AMNH).

**Family Cecidomyiidae Newman, 1835**

**3.373 Genus *Winnertzia* Rondani, 1860**

*Winnertzia* Rondani, 1860: 290. Type species: *Cecidomyia lugubris* Winnertz, 1853.

*Winnertziola* Kieffer, 1912: 235. Type species: *Winnertzia rubra* Kieffer, 1894.

**460) *Winnertzia burmitica* (Cockerell, 1917)**

*Winnertziola burmitica* Cockerell, 1917b: 42.

*Winnertzia burmitica*: Gagné & Jaschhof, 2014: 96.

Type specimen(s). H: NHML In.19114 (NHML).

**Infraorder Psychodomorpha Hennig, 1968**

**Superfamily Psychodoidea Newman, 1834**

**Family Psychodidae Newman, 1834**

**3.374 Genus *Eophlebotomus* Cockerell, 1920**

*Eophlebotomus* Cockerell, 1920a: 169. Type Specie: *Eophlebotomus connectens* Cockerell 1920.

**461) *Eophlebotomus connectens* Cockerell, 1920**

*Eophlebotomus connectens* Cockerell, 1920a: 169.

Type specimen(s). H (?♂): In 20147 (NHML).

**3.375 Genus *Palaeomyia* Poinar, 2004**

*Palaeomyia* Poinar, 2004a: 599. Type species: *Palaeomyia burmitis* Poinar, 2004.

**462) *Palaeomyia burmitis* Poinar, 2004**

*Palaeomyia burmitis* Poinar, 2004a: 599.

Type specimen(s). H (♀): accession # B-D-16 (PACO).

**3.376 Genus *Trichomyia* Haliday, 1839**

*Trichomyia* Haliday, in: Curtis, 1839: 745. Type species: *Trichomyia urbica* Haliday, 1839.

*Diplonema* Loew, 1845: 7. Type species: *Diplonema buceras* Loew, 1845.

*Phalaenomyia* Loew, 1845: 9. Type species: *Diplonema buceras* Loew, 1845.

*Termitodipteron* Holmgren, 1905: 533. Type species: *Termitodipteron wasmanni* Holmgren, 1905.

*Lepria* Enderlein, 1937: 112. Type species: *Lepria squamosa* Enderlein, 1937.

*Eubonetia* Vargas & Díaz-Nájera, 1953: 155. Type species: *Trichomyia cirrata* Coquillett, 1902.

**463) *Trichomyia swinhoei* Cockerell, 1917**

*Trichomyia swinhoei* Cockerell, 1917e: 21.

Type specimen(s). H: NHML In.20147 (NHML).

**Subfamily Protopsychoinae Stebner *et al.*, 2015**

**3.377 Genus *Datzia* Stebner *et al.*, 2015**

*Datzia* Stebner *et al.*, 2015: 6. Type species: *Datzia bispina* Stebner *et al.*, 2015.

**464) *Datzia bispina* Stebner *et al.*, 2015**

*Datzia bispina* Stebner *et al.*, 2015: 6.

Type specimen(s). H (♂): SMF Be 2379 (SMF). P (7♂): SMF Be 2376, 6 paratypes (SMF).

**465) *Datzia setosa* Stebner *et al.*, 2015**

*Datzia setosa* Stebner *et al.*, 2015: 9.

Type specimen(s). H (♂): SMF Be 2380.1 (SMF).

**3.378 Genus *Mandalayia* Stebner *et al.*, 2015**

*Mandalayia* Stebner *et al.*, 2015: 11. Type species: *Mandalayia beumersorum* Stebner *et al.*, 2015.

**466) *Mandalayia beumersorum* Stebner *et al.*, 2015**

*Mandalayia beumersorum* Stebner *et al.*, 2015: 11.

Type specimen(s). H (♂): SMF Be 2385.2 (SMF).

**Subfamily Sycoracinae Jung, 1954**

**3.379 Genus *Palaeoparasycorax* Stebner *et al.*, 2015**

*Palaeoparasycorax* Stebner *et al.*, 2015: 13. Type species: *Palaeoparasycorax globosus* Stebner *et al.*, 2015.

**467) *Palaeoparasycorax globosus* Stebner *et al.*, 2015**

*Palaeoparasycorax globosus* Stebner *et al.*, 2015: 14.

Type specimen(s). H (♂): SMF Be 2389.1 (SMF). P (♂): SMF Be 2386.1.

**468) *Palaeoparasycorax suppus* Stebner *et al.*, 2015**

*Palaeoparasycorax suppus* Stebner *et al.*, 2015: 15.

Type specimen(s). H (♂): GPIH no. 4418 (GPIH).

**3.380 Genus *Parasycorax* Duckhouse, 1972**

*Parasycorax* Duckhouse, 1972: 248. Type species: *Parasycorax satchelli* (Barretto, 1956).

**469) *Parasycorax simplex* Stebner *et al.*, 2015**

*Parasycorax simplex* Stebner *et al.*, 2015: 15.

Type specimen(s). H (♂): GPIH no. 4449 (GPIH).

**Subfamily Bruchomyiinae Alexander, 1920**

**3.381 Genus *Nemopalpus* Macquart, 1838**

*Nemopalpus* Macquart, 1838: 219. Type species: *Nemopalpus flavus* Macquart 1838.

*Nemopalpus* Macquart, 1838: 81. Rejected original spelling.

**470) *Nemopalpus velteni* Wagner, 2012**

*Nemopalpus velteni* Wagner, 2012: 357.

Type specimen(s). H (♂): Specimen number not assigned (PCJV).

**471) *Nemopalpus quadrispiculatus* Stebner *et al.*, 2015**

*Nemopalpus quadrispiculatus* Stebner *et al.*, 2015: 22.

Type specimen(s). H (♂): SMF Be 2390 (SMF).

**Subfamily Phlebotominae Rondani, 1840**

**Tribe Hertigiini Abonnenc & Leger, 1976**

**Subtribe Idiophlebotomina Artemiev, 1991**

**3.382 Genus *Phlebotomites* Hennig, 1972**

*Phlebotomites* Hennig, 1972: 39. Type species: *Phlebotomites brevifilis* Hennig, 1972.

**472) *Phlebotomites aphoe* Stebner *et al.*, 2015**

*Phlebotomites aphoe* Stebner *et al.*, 2015: 18.

Type specimen(s). H (♂): SMF Be 2385.1 (SMF).

**473) *Phlebotomites burmaticus* Ain Malak, Salame & Azar, 2013**

*Phlebotomites burmaticus* Ain Malak, Salame & Azar, 2013: 94.

Type specimen(s). H (♀): AMNH Bu-773 A (AMNH).

**474) *Phlebotomites grimaldii* Ain Malak, Salame & Azar, 2013**

*Phlebotomites grimaldii* Ain Malak, Salame & Azar, 2013: 82.

Type specimen(s). H (♂): AMNH Bu-778 A (AMNH); allotype (♀): AMNH B-0105 A. P (1♂3♀): AMNH B-0105 C (♀), AMNH Bu-778 B (♂), AMNH Bu-1166 A (♀), AMNH Bu-1166 B (♀) (AMNH).

Additional materials. AMNH B-0116 (♂), AMNH B-045 (♀) (AMNH).

**475) *Phlebotomites neli* Ain Malak, Salame & Azar, 2013**

*Phlebotomites neli* Ain Malak, Salame & Azar, 2013: 89.

Type specimen(s). H (♀): AMNH Bu-1374 (AMNH). P (♀): AMNH Bu-954 (AMNH).

**Tribe Phlebotomini Rondani, 1840**

**Subtribe Phlebotomina Rondani, 1840**

**3.383 Genus *Phlebotomus* Rondani & Berte, 1840**

*Phlebotomus* Rondani & Berte, in: Rondani, 1840: 12. Type species: *Bibio papatasi* Scopoli, 1786.

**476) *Phlebotomus vetus* Stebner *et al.*, 2015**

*Phlebotomus vetus* Stebner *et al.*, 2015: 20.

Type specimen(s). H (♂): SMF Be 2533 (SMF).

**Subfamily Trichomyiinae Tonnoir, 1922**

**3.384 Genus *Axenotrichomyia* Azar, Huang, Cai & Nel, 2015**

*Axenotrichomyia* Azar, Huang, Cai & Nel, 2015: 51. Type species: *Axenotrichomyia boisteli* Azar, Huang, Cai & Nel, 2015.

**477) *Axenotrichomyia boisteli* Azar, Huang, Cai & Nel, 2015**

*Axenotrichomyia boisteli* Azar, Huang, Cai & Nel, 2015: 52.

Type specimen(s). H (♂): NIGP161238 (NIGP).

**Subfamily *incertae sedis***

**3.385 Genus *Bamara* Stebner *et al.*, 2015**

*Bamara* Stebner *et al.*, 2015: 23. Type species: *Bamara groehni* Stebner *et al.*, 2015.

**478) *Bamara groehni* Stebner *et al.*, 2015**

*Bamara groehni* Stebner *et al.*, 2015: 24.

Type specimen(s). H (♂): GPIH no. 4417 (GPIH).

**Infraorder Ptychopteromorpha Wood & Borkent, 1986**

**Family Tanyderidae Osten-Sacken, 1879**

**3.386 Genus *Similinannotanyderus* Dong, Shih & Ren, 2015**

*Similinannotanyderus* Dong, Shih & Ren, 2015: 261. Type species: *Similinannotanyderus lii* Dong, Shih & Ren, 2015.

**479) *Similinannotanyderus lii* Dong, Shih & Ren, 2015**

*Similinannotanyderus lii* Dong, Shih & Ren, 2015: 262.

Type specimen(s). H (♂): CNU-DIPMA2014001 (CNU).

**3.387 Genus *Dacochile* Poinar & Brown, 2004**

*Dacochile* Poinar & Brown, 2004a: 341. Type species: Type species: *Dacochile microsoma* Poinar & Brown, 2004.

**480) *Dacochile microsoma* Poinar & Brown, 2004**

*Dacochile microsoma* Poinar & Brown, 2004a: 341.

Type specimen(s). H (♀): #B-D-12 (PACO).

**Infraorder Tipulomorpha Gistel, 1848**

**Superfamily Eoptychoptera Rohdendorf, 1962**

**Family Eoptychopterae Osten-Sacken, 1862**

**3.388 Genus *Leptychoptera* Lukashevich & Azar, 2003**

*Leptychoptera* Lukashevich & Azar, 2003: 196. Type species: *Leptychoptera dimkina* Lukashevich & Azar, 2003.

**Subgenus *Leptychoptera (Burmaptychoptera)* Lukashevich, 2004**

*Leptychoptera (Burmaptychoptera)* Lukashevich, 2004: 360. Type species: *Leptychoptera (Burmaptychoptera) reburra* Lukashevich, 2004.

**481) *Leptychoptera (Burmaptychoptera) calva* Lukashevich, 2004**

*Leptychoptera (Burmaptychoptera) calva* Lukashevich, 2004: 361.

Type specimen(s). H: AMNH Bu1274 (AMNH).

**482) *Leptychoptera (Burmaptychoptera) reburra* Lukashevich, 2004**

*Leptychoptera (Burmaptychoptera) reburra* Lukashevich, 2004: 361.

Type specimen(s). H: AMNH Bu003 (AMNH).

**Superfamily Tipuloidea Latreille, 1802**

**Family Limoniidae Speiser, 1909**

**3.389 Genus *Drinosa* Podenas & Poinar, 2009**

*Drinosa* Podenas & Poinar, 2009: 471. Type species: *Drinosa prisca* Podenas & Poinar, 2009.

**483) *Drinosa prisca* Podenas & Poinar, 2009**

*Drinosa prisca* Podenas & Poinar, 2009: 473.

Type specimen(s). H (♂): # BD- 10 U (PACO). P (1♂ 1♀): B- D-10, #05 (♂), B- D-10, #11(♀) (PACO).

**3.390 Genus *Lebania* Podenas & Poinar, 2001**

*Lebania* Podenas & Poinar, 2001: 433. Type species: *Lebania levantia* Podenas & Poinar, 2001.

**484) *Lebania scomax* Podenas & Poinar, 2009**

*Lebania scomax* Podenas & Poinar, 2009: 476.

Type specimen(s). H (♂): # B- D-10 #20 (PACO).

**3.391 Genus *Rhabdomastix* Skuse, 1890**

*Rhabdomastix* Skuse, 1890: 828. Type species: *Rhabdomastix osten-sackeni* Skuse, 1890.

**485) *Rhabdomastix jarzembowskii* Krzeminski, 2004**

*Rhabdomastix (Palaeogonomyia) jarzembowskii* Krzeminski, 2004: 124.

*Rhabdomastix jarzembowskii* Podenas, 2006: 51.

Type specimen(s). H (♂): NHML In. 20155 (NHML).



**Subfamily Chioneinae Rondani, 1861****3.392 Genus *Burmoptera* Podenas & Poinar, 2009**

*Burmoptera* Podenas & Poinar, 2009: 478. Type species: *Burmoptera azu* Podenas & Poinar, 2009.

**486) *Burmoptera azu* Podenas & Poinar, 2009**

*Burmoptera azu* Podenas & Poinar, 2009: 480.

Type specimen(s). H (♂): # B- D-10,16 (PACO).

**3.393 Genus *Limnophila* Macquart, 1834**

*Limnophila* Macquart, 1834: 53. Type species: *Limnophila pictipennis* Meigen, 1818.

**SubGenus *Limnophila* (*Burmolimnophila*) Podenas & Poinar, 2009**

*Limnophila* (*Burmolimnophila*) Podenas & Poinar, 2009: 481. Type species: *Limnophila* (*Burmolimnophila*) *bora* Poinar & Brown, 2009.

**487) *Limnophila* (*Burmolimnophila*) *bora* Podenas & Poinar, 2009**

*Limnophila* (*Burmolimnophila*) *bora* Podenas & Poinar, 2009: 483.

Type specimen(s). H (♂): # B- D-10 #03 (PACO).

**Subfamily Limnophilinae Bigot, 1854****3.394 Genus *Austrolimnophila* Alexander, 1920**

*Austrolimnophila* Alexander, 1920: 33. Type species: *Limnophila eutaeniata* Bigot, 1888.

**Subgenus *Austrolimnophila* (*Austrolimnophila*) Alexander, 1920**

*Austrolimnophila* (*Austrolimnophila*) Alexander, 1920: 33. Type species: *Limnophila eutaeniata* Bigot, 1888.

**488) *Austrolimnophila* (*Austrolimnophila*) *joana* Podenas & Poinar, 2009**

*Austrolimnophila* (*Austrolimnophila*) *joana* Podenas & Poinar, 2009: 484.

Type specimen(s). H (♀): # B- D-10 #17 (PACO).

**Subfamily Limoniinae Speiser, 1909****3.395 Genus *Antocha* Osten Sacken, 1860**

*Antocha* Osten Sacken, 1860: 219. Type species: *Antocha saxicola* Osten Sacken, 1860.

**489) ?*Antocha lapra* Podenas & Poinar, 2009**

?*Antocha lapra* Podenas & Poinar, 2009: 487.

Type specimen(s). H (♂): # B -D-10 #12 (PACO).

**3.396 Genus *Dicranoptycha* Osten Sacken, 1860**

*Dicranoptycha* Osten Sacken, 1860: 217. Type species: *Dicranoptycha germana* Osten Sacken, 1860.

**490) *Dicranoptycha burmitica* Kania & Szwed, 2014**

*Dicranoptycha burmitica* Kania & Szwed, 2014: 525.

Type specimen(s). H (♂): NIGP156981 (NIGP).

**491) *Dicranoptycha fragmentata* Krzeminski, 2004**

*Dicranoptycha fragmentata* Krzeminski, 2004: 123.

Type specimen(s). H (?): NHML In.2017 1 (NHML). The holotype preserves only a single entire wing and fragments of leg.

**492) *Dicranoptycha plicativa* Gao, Shih & Ren, 2015**

*Dicranoptycha plicativa* Gao, Shih & Ren, 2015: 44.

Type specimen(s). H (♂): CNU-DIP-MA2015002 (CNU).

**3.397 Genus *Helius* Lepelletier & Serville, 1828**

*Helius* Lepelletier & Serville, in: Latreille *et al.*, 1828: 655. Type species: *Helius longirostris* (Meigen, 1818).

**493) *Helius krzeminskii* Ribeiro, 2003**

*Helius krzeminskii* Ribeiro, 2003: 404.

Type specimen(s). H: AMNH Bu-136 (AMNH).

**3.398 Genus *Trentepohlia* Bigot, 1854**

*Trentepohlia* Bigot, 1854: 456, 473. Type species: *Limnobia limnobioides* Bigot, 1854.

**Subgenus *Trentepohlia* (*Paramongoma*) Brunetti, 1911**

*Trentepohlia* (*Paramongoma*) Brunetti, 1911: 295. Type species: *Cylindrotoma albitarsis* Doleschall, 1857.

**494) *Trentepohlia* (*Paramongoma*) *dzeura* Podenas & Poinar, 2009**

*Trentepohlia* (*Paramongoma*) *dzeura* Podenas & Poinar, 2009: 490.

Type specimen(s). H (♂): # B- D-10 #09 (PACO).

**Suborder Brachycera Zetterstedt, 1842**

**Family Eremochaetidae Ussatchov, 1968**

**3.399 Genus *Zhenia* Zhang *et al.*, 2016**

*Zhenia* Zhang *et al.*, 2016a: 2. Type species: *Zhenia xiai* Zhang *et al.*, 2016.

**495) *Zhenia xiai* Zhang *et al.*, 2016**

*Zhenia xiai* Zhang *et al.*, 2016a: 2.

Type specimen(s). H (♀): BA02-15001 (LAMS). P (2♀): NIGP163430 (NIGP), BA02-15003 (LAMS).

**Infraorder Stratiomyomorpha Latreille, 1802**

**Family Zhangsolvidae Nagatomi & Yang, 1998**

**3.400 Genus *Cratomyia* Mazzarolo & Amorim, 2009**

*Cratomyia* Mazzarolo & Amorim, 2000: 94. Type species: *Cratomyia macrorrhyncha* Mazzarolo & Amorim, 2000.

**496) *Cratomyia mimetica* Grimaldi, 2016**

*Cratomyia mimetica* Grimaldi, 2016: 8.

Type specimen(s). H (♀): AMNH Bu-SD1 (AMNH).

**3.401 Genus *Linguatormyia* Grimaldi, 2015**

*Linguatormyia* Grimaldi, 2015: 251. Type species: *Linguatormyia teletacta* Grimaldi, 2015.

**497) *Linguatormyia teletacta* Grimaldi, 2015***Linguatormyia teletacta* Grimaldi, 2015: 251.

Type specimen(s). H: AMNH Bu-SE13 (AMNH).

**Family Xylomyidae Verrall, 1901****3.402 Genus *Archosolva* Grimaldi, 2016***Archosolva* Grimaldi, 2016: 14. Type species: *Archosolva biceps* Grimaldi, 2016.**498) *Archosolva biceps* Grimaldi, 2016***Archosolva biceps* Grimaldi, 2016: 14.

Type specimen(s). H (♀): JZC Bu-257 (JAC).

**499) *Archosolva sulcata* Grimaldi, 2016***Archosolva sulcata* Grimaldi, 2016: 16.

Type specimen(s). H (♀): JZC Bu-208 (JAC).

**3.403 Genus *Cretasolva* Grimaldi, 2016***Cretasolva* Grimaldi, 2016: 12. Type species: *Cretasolva burmitica* Grimaldi, 2016.**500) *Cretasolva burmitica* Grimaldi, 2016***Cretasolva burmitica* Grimaldi, 2016: 12.

Type specimen(s). H (♀): AMNH Bu-SE05 (AMNH).

**Family Stratiomyidae Latreille, 1802****3.404 Genus *Normyia* Grimaldi, 2016***Normyia* Grimaldi, 2016: 20. Type species: *Normyia woodleyi* Grimaldi, 2016.**501) *Normyia woodleyi* Grimaldi, 2016***Normyia woodleyi* Grimaldi, 2016: 21.

Type specimen(s). H (♂): AMNH Bu-SE04B (AMNH). P: (♂) AMNH Bu-SE04A (AMNH); (♀) JZC Bu-001 (JZC).

**502) *Normyia telescopica* Grimaldi, 2016***Normyia telescopica* Grimaldi, 2016: 23.

Type specimen(s). H (♀): JZC Bu-104 (JZC).

**503) *Normyia longistyli* Grimaldi, 2016***Normyia longistyli* Grimaldi, 2016: 25.

Type specimen(s). H (♂): AMNH Bu-SE021 (AMNH).

**3.405 Genus *Narcissomyia* Grimaldi, 2016***Narcissomyia* Grimaldi, 2016: 27. Type species: *Narcissomyia bella* Grimaldi, 2016.**504) *Narcissomyia bella* Grimaldi, 2016***Narcissomyia bella* Grimaldi, 2016: 28.

Type specimen(s). H (♂): AMNH Bu-SE3/1 (AMNH). P: (♀) AMNH Bu-Pk1 (AMNH).

**Infraorder Tabanomorpha Hennig, 1948**

**3.406 Genus *Atherhagiox* Grimaldi, 2016**

*Atherhagiox* Grimaldi, 2016: 35. Type species: *Atherhagiox ambiguum* Grimaldi, 2016.

**505) *Atherhagiox ambiguum* Grimaldi, 2016**

*Atherhagiox ambiguum* Grimaldi, 2016: 36.

Type specimen(s). H (♀): JZC Bu-248 (JAC).

**506) *Atherhagiox simulans* Grimaldi, 2016**

*Atherhagiox simulans* Grimaldi, 2016: 38.

Type specimen(s). H (♀): AMNH Bu-SE2/3 (AMNH).

**3.407 Genus *Galloatherix* Nel *et al.*, 2014**

*Galloatherix* Nel *et al.*, 2014: 592. Type Species: *Galloatherix incompletus* Nel *et al.*, 2014.

**507) *Galloatherix completus* Grimaldi, 2016**

*Galloatherix completus* Grimaldi, 2016: 39.

Type specimen(s). H (♀): AMNH Bu-SE2/5a (AMNH). P: (♂) AMNH Bu-SE2/5b (AMNH).

**3.408 Genus *Palaepangonius* Ren, 1988**

*Palaepangonius* Ren, 1998: 66. Type species: *Palaepangonius eupterus* Ren, 1998.

*Athericites* Mostovski, Jarzembowski & Coram, 2003: 165. Type species: *Athericites gordonii* Mostovski, Jarzembowski & Coram, 2003.

**508) *Palaepangonius glossa* Grimaldi, 2016**

*Palaepangonius glossa* Grimaldi, 2016: 33.

Type specimen(s). H (♀): JZC Bu-248 (JAC).

**Family Tabanidae Latreille, 1802**

**3.409 Genus *Cratotabanus* Martins-Neto & Kucera-Santos, 1994**

*Cratotabanus* Martins-Neto & Kucera-Santos, 1994: 291. Type species: Unknown.

**509) *Cratotabanus asiaticus* Grimaldi, 2016**

*Cratotabanus asiaticus* Grimaldi, 2016: 45.

Type specimen(s). H (♀): AMNH Bu-SE3/2 (AMNH).

**3.410 Genus *Tabanipriscus* Grimaldi, 2016**

*Tabanipriscus* Grimaldi, 2016: 43. Type Species: *Tabanipriscus transitivus* Grimaldi, 2016.

**510) *Tabanipriscus transitivus* Grimaldi, 2016**

*Tabanipriscus transitivus* Grimaldi, 2016: 43.

Type specimen(s). H (♀): AMNH Bu-SE2/10 (AMNH).

**Infraorder Asilomorpha Rohdendorf, 1961**

**Superfamily Asiloidea Latreille, 1802**

**Family Apsilocephalidae Nagatomi *et al.*, 1991**

**3.411 Genus *Burmapsilocephala* Gaimari & Mostovski, 2000**

*Burmapsilocephala* Gaimari & Mostovski, 2000: 43. Type species: *Burmapsilocephala cockerelli* Gaimari & Mostovski, 2000.

**511) *Burmapsilocephala cockerelli* Gaimari & Mostovski, 2000**

*Burmapsilocephala cockerelli* Gaimari & Mostovski, 2000: 43.

Type specimen(s). H: In.20167 (NHML).

**512) *Burmapsilocephala evocoa* Grimaldi, 2016**

*Burmapsilocephala evocoa* Grimaldi, 2016: 77.

Type specimen(s). H (♂): AMNH Bu-SE2/4 (AMNH).

**3.412 Genus *Kumaromyia* Grimaldi & Hauser, 2011**

*Kumaromyia* Grimaldi & Hauser, 2011: 317. Type species: *Kumaromyia burmitica* Grimaldi & Hauser, 2011.

**513) *Kumaromyia burmitica* Grimaldi & Hauser, 2011**

*Kumaromyia burmitica* Grimaldi & Hauser, 2011: 317.

Type specimen(s). H (♀): AMNH Bu-131 (AMNH).

**Family Apystomyiidae Melander, 1950****3.413 Genus *Hilarimorphites* Grimaldi & Cumming, 1999**

*Hilarimorphites* Grimaldi & Cumming, 1999: 21. Type species: *Hilarimorphites burmanica* Grimaldi & Cumming, 2011.

**514) *Hilarimorphites cummingi* Grimaldi, 2016**

*Hilarimorphites cummingi* Grimaldi, 2016: 90.

Type specimen(s). H (♀): JZC Bu-177 (JZC).

**515) *Hilarimorphites burmanica* Grimaldi & Cumming, 2011**

*Hilarimorphites burmanica* Grimaldi & Cumming, 2011: 320.

Type specimen(s). H (♀): AMNH Bu-098 (AMNH).

**Family Asilidae Latreille, 1802****3.414 Genus *Burmapogon* Dikow & Grimaldi, 2014**

*Burmapogon* Dikow & Grimaldi, 2014: 3. Type species: *Burmapogon bruckschi* Dikow & Grimaldi, 2014.

**516) *Burmapogon bruckschi* Dikow & Grimaldi, 2014**

*Burmapogon bruckschi* Dikow & Grimaldi, 2014: 3.

Type specimen(s). H (♂): AMNH-Bu-KB1(JZC). P (♀): AMNH-JZBu-163 (JZC).

**Family Bombyliidae Latreille, 1802****3.415 Genus *Endymiomyia* Grimaldi, 2016**

*Endymiomyia* Grimaldi, 2016: 72. Type species: *Endymiomyia quadra* Grimaldi, 2016.

**517) *Endymiomyia quadra* Grimaldi, 2016**

*Endymiomyia quadra* Grimaldi, 2016: 73.

Type specimen(s). H (♂): JZC Bu-209 (JZC).

**3.416 Genus *Nealimyia* Grimaldi, 2016**

*Nealimyia* Grimaldi, 2016: 64. Type species: *Nealimyia evenhuisi* Grimaldi, 2016.

**518) *Nealimyia evenhuisi* Grimaldi, 2016**

*Nealimyia evenhuisi* Grimaldi, 2016: 64.

Type specimen(s). H (♀): AMNH Bu-SE2/7 (AMNH).

**3.417 Genus *Pioneeria* Grimaldi, 2016**

*Pioneeria* Grimaldi, 2016: 67. Type species: *Pioneeria bombylia* Grimaldi, 2016.

**519) *Pioneeria bombylia* Grimaldi, 2016**

*Pioneeria bombylia* Grimaldi, 2016: 67.

Type specimen(s). H: AMNH Bu-SE2/9 (AMNH).

**3.418 Genus *Procrocidium* Grimaldi, 2016**

*Procrocidium* Grimaldi, 2016: 69. Type species: *Procrocidium minutum* Grimaldi, 2016.

**520) *Procrocidium minutum* Grimaldi, 2016**

*Procrocidium minutum* Grimaldi, 2016: 70.

Type specimen(s). H (♀): JZC Bu-098 (JZC).

**Family Mythicomyiidae Melander, 1902**

**3.419 Genus *Microburmyia* Grimaldi & Cumming, 2011**

*Microburmyia* Grimaldi & Cumming, 2011: 312. Type species: *Microburmyia analvena* Grimaldi & Cumming, 2011.

**521) *Microburmyia analvena* Grimaldi & Cumming, 2011**

*Microburmyia analvena* Grimaldi & Cumming, 2011: 313.

Type specimen(s). H (♂): KU Bu079 (KUC).

**522) *Microburmyia veanalvena* Grimaldi & Cumming, 2011**

*Microburmyia veanalvena* Grimaldi & Cumming, 2011: 315.

Type specimen(s). H (♂): AMNH Bu1552 (AMNH).

**Family Therevidae Newman, 1835**

**3.420 Genus *Psilocephala* Zetterstedt, 1838**

*Psilocephala* Zetterstedt, 1838: 525. Type species: *Bibio imberbis* (Fallén, 1814).

**523) *Psilocephala electrella* Cockerell, 1920**

*Psilocephala electrella* Cockerell, 1920a: 169.

Type specimen(s). H: NHML In.20148 (NHML).

**Superfamily Empidoidea Chvála, 1983**

**Family Hybotidae Meigen, 1820**

**3.421 Genus *Electrocyrtoma* Cockerell, 1917***Electrocyrtoma* Cockerell, 1917e: 22. Type species: *Electrocyrtoma burmanicum* Cockerell, 1917.**524) *Electrocyrtoma burmanicum* Cockerell, 1917***Electrocyrtoma burmanicum* Cockerell, 1917e: 22.

Type specimen(s). H: NHML In.19099 (NHML).

**Family Empididae Latreille, 1804****3.422 Genus *Burmitempis* Cockerell, 1917***Burmitempis* Cockerell, 1917a: 367. Type species: *Burmitempis halteralis* Cockerell, 1917.**525) *Burmitempis halteralis* Cockerell, 1917***Burmitempis halteralis* Cockerell, 1917a: 367.

Type specimen(s). H: NHML In.19121 (NHML).

**Superfamily Nemestrinoidea Macquart, 1834****Family Acroceridae Leach, 1815****3.423 Genus *Schlingeromyia* Grimaldi & Hauser, 2011***Schlingeromyia* Grimaldi & Hauser, 2011: 307. Type species: *Burmapogon bruckschi* Dikow & Grimaldi, 2014.**526) *Schlingeromyia minuta* Grimaldi & Hauser, 2011***Schlingeromyia minuta* Grimaldi & Hauser, 2011: 308.

Type specimen(s). H (♂): AMNH Bu332a (AMNH). P (?): AMNH Bu332b (AMNH).

**3.424 Genus *Burmacyrtus* Grimaldi & Hauser, 2011***Burmacyrtus* Grimaldi & Hauser, 2011: 310. Type species: *Burmacyrtus rusmithi* Grimaldi & Hauser, 2011.**527) *Burmacyrtus rusmithi* Grimaldi & Hauser, 2011***Burmacyrtus rusmithi* Grimaldi & Hauser, 2011: 311.

Type specimen(s). H (♂): AMNH Bu-RS1 (AMNH).

**Family Nemestrinidae Macquart, 1834****3.425 Genus *Hirmoneura* Meigen, 1820***Hirmoneura* Meigen, 1820: 132. Type species: *Hirmoneura obscura* (Wiedemann, 1820).**528) *Hirmoneura caudiprima* Grimaldi, 2016***Hirmoneura caudiprima* Grimaldi, 2016: 50.

Type specimen(s). H (♀): AMNH Bu-SE17 (AMNH).

**529) *Hirmoneura* aff. *richterae* Mostovski & Delclòs, 2000***Hirmoneura* aff. *richterae* Mostovski & Delclòs, 2000: 142.

Type specimen(s). H (♀): HP-B-6084 (NIGP).

**530) *Hirmoneura zigrasi* Grimaldi, 2016***Hirmoneura zigrasi* Grimaldi, 2016: 52.

Type specimen(s). H (♀): JZC Bu-169 (JAC).

**Family Rhagionemestriidae Ussatchov, 1968**

**3.426 Genus *Jurassinemestrinus* Zhang, 2010**

*Jurassinemestrinus* Zhang, 2010: 313. Type species: *Jurassinemestrinus orientalis* Zhang, 2010.

**531) *Jurassinemestrinus eurema* Grimaldi, 2016**

*Jurassinemestrinus eurema* Grimaldi, 2016: 55.

Type specimen(s). H (♂): AMNH Bu-SE3/3 (AMNH).

**Infraorder Tabanomorpha Hennig, 1948**

**Superfamily Stratiomyoidea Hendel, 1928**

**Family Stratiomyidae Latreille, 1802**

**3.427 Genus *Lysistrata* Grimaldi *et al.*, 2011**

*Lysistrata* Grimaldi *et al.*, 2011: 296. Type species: *Lysistrata emerita* Grimaldi *et al.*, 2011.

**532) *Lysistrata burmensis* Liu, Cai & Huang, 2016**

*Lysistrata burmensis* Liu, Cai & Huang, 2016: 143.

Type specimen(s). H (♀): NIGP164040 (NGIP); allotype (♂): NIGP164891 (NGIP).

**Family *incertae sedis***

**3.428 Genus *Pseudorhagio* Zhang, Zhang & Wang, 2016**

*Pseudorhagio* Zhang, Zhang & Wang, 2016: 3. Type species: *Pseudorhagio zhangi* Zhang, Zhang & Wang, 2016.

**533) *Pseudorhagio zhangi* Zhang, Zhang & Wang, 2016**

*Pseudorhagio zhangi* Zhang, Zhang & Wang, 2016: 3.

Type specimen(s). H: NIGP164490 (NIGP). P (?): NIGP164491 (NIGP).

**3.429 Genus *Myanmyia* Grimaldi, 2011**

*Myanmyia* Grimaldi, 2011: 326. Type species: *Myanmyia asteiformia* Grimaldi, 2011.

**534) *Myanmyia asteiformia* Grimaldi, 2011**

*Myanmyia asteiformia* Grimaldi, 2011: 327.

Type specimen(s). H (♀): AMNH Bu1616 (AMNH).

**Order Trichoptera Kirby, 1815**

**Suborder Annulipalpia Martynov, 1924**

**Superfamily Hydropsychoidea Curtis, 1835**

**Family Polycentropodidae Ulmer, 1906**

**3.430 Genus *Neureclipsis* McLachlan, 1864**

*Neureclipsis* McLachlan, 1864: 30. Type species: *Phryganea bimaculata* (Linnaeus, 1758).

**535) *Neureclipsis burmanica* Wichard & Wang, 2016**

*Neureclipsis burmanica* Wichard & Wang, 2016: 132.



Type specimen(s). H (♂): SMNS Bu-173 (SMNS).

**Family Psychomyiidae Kolenati, 1859**

**3.431 Genus *Palerasnitsynus* Wichard, Ross & Ross, 2011**

*Palerasnitsynus* Wichard, Ross & Ross, 2011: 324. Type specie: *Palerasnitsynus ohlhoffi* Wichard, Ross & Ross, 2011.

**536) *Palerasnitsynus ohlhoffi* Wichard, Ross & Ross, 2011**

*Palerasnitsynus ohlhoffi* Wichard, Ross & Ross, 2011: 325.

Type specimen(s). H (♂): Specimen number not assigned (SMNS).

**Superfamily Philopotamoidea Stephens, 1829**

**Family Philopotamidae Stephens, 1829**

**3.432 Genus *Wormaldia* McLachlan, 1865**

*Wormaldia* McLachlan, 1865: 140. Type species: *Hydropsyche occipitalis* Pictet, 1834.

**537) *Wormaldia cretacea* Wichard & Wang, 2016**

*Wormaldia cretacea* Wichard & Wang, 2016: 130.

Type specimen(s). H (♂): NIGP156999 (NIGP).

**538) *Wormaldia resina* Wichard & Wang, 2016**

*Wormaldia resina* Wichard & Wang, 2016: 131.

Type specimen(s). H (♂): NIGP157000 (NIGP).

**539) *Wormaldia myanmari* Wichard & Poinar, 2005**

*Wormaldia myanmari* Wichard & Poinar, 2005: 133.

Type specimen(s). H (♂): Specimen number not assigned (PACO).

**Suborder Spicipalpia Weaver, 1984**

**Superfamily Hydroptiloidea Stephens, 1836**

**Family Hydroptilidae Stephens, 1836**

**3.433 Genus *Burminoptila* Botosaneanu, 1981**

*Burminoptila* Botosaneanu, 1981: 75. Type species: *Burminoptila bemeneha* Botosaneanu, 1981.

**540) *Burminoptila bemeneha* Botosaneanu, 1981**

*Burminoptila bemeneha* Botosaneanu, 1981: 77.

Type specimen(s). H (♀): NHML In. 20180 (NHML).

**Order Lepidoptera Linnaeus, 1758**

**Suborder Zeugloptera Chapman, 1917**

**Superfamily Micropterigoidea Herrich-Schaeffer, 1855**

**Family Micropterigidae Cotes, 1889**

**3.434 Genus *Sabatinca* Walker, 1863**

*Sabatinca* Walker, 1863: 511. Type species: *Sabatinca incongruella* Walker, 1863.

**541) *Sabatinca perveta* (Cockerell, 1919)**

*Micropteryx pervetus* Cockerell, 1919b: 193.

*Sabatinca perveta*: Whalley, 1977: 576.

Type specimen(s). H: NHML In.19135 (NHML).

**Order Hymenoptera Linnaeus, 1758**

**Family Syspastroxyelidae Engel & Huang, 2016**

**3.435 Genus *Syspastroxyela* Engel & Huang, 2016**

*Syspastroxyela* Engel & Huang, 2016e: 283. Type species: *Syspastroxyela raphidia* Engel & Huang, 2016.

**542) *Syspastroxyela raphidia* Engel & Huang, 2016**

*Syspastroxyela raphidia* Engel & Huang, 2016e: 283.

Type specimen(s). H (♀): NIGP 163252 (NIGP).

**Suborder Apocrita Gerstaecker, 1867**

**Superfamily Apoidea Latreille, 1802**

**Family Apidae Latreille, 1802**

**3.436 Genus *Tetragonula* Moure, 1961**

*Tetragonula* Moure, 1961: 206. Type species: *Trigona iridipennis* Smith, 1854.

**543) *Tetragonula devicta* (Cockerell, 1921)**

*Meliponorytes* (?) *devictus* Cockerell, 1921: 544.

*Trigona* (*Tetragonula*) *devicta*: Kerr & Maule, 1964: 72.

*Tetragonula devicta*: Kerr & Maule, 1978: 564.

Type specimen(s). Unkown.

**Family Melittosphecidae Poinar & Danforth, 2006**

**3.437 Genus *Melittosphex* Poinar & Danforth, 2006**

*Melittosphex* Poinar & Danforth, 2006: 614. Type species: *Melittosphex burmensis* Poinar & Danforth, 2006: 614.

**544) *Melittosphex burmensis* Poinar & Danforth, 2006**

*Melittosphex burmensis* Poinar & Danforth, 2006: 614.

Type specimen(s). H (♂): no. B-hy-7 (PACO).

**Family Sphecidae Latreille, 1802**

**3.438 Genus *Trigampulex* Antropov, 2000**

*Trigampulex* Antropov, 2000: 70. Type species: *Trigonalys pervetus* Cockerell, 1917.

**545) *Trigampulex pervetus* (Cockerell, 1917)**

*Trigonalys pervetus* Cockerell, 1917c: 70.

*Trigampulex pervetus*: Antropov, 2000: 70.

Type specimen(s). H: NHML In.19093 (NHML).

**Subfamily Ampulicinae Shuckard, 1840**

**Tribe Apodolichurini Antropov, 2000**

**3.439 Genus *Apodolichurus* Antropov, 2000**

*Apodolichurus* Antropov, 2000: 64. Type species: *Apodolichurus sphaerocephalus* Antropov, 2000.

**546) *Apodolichurus diaphanus* Antropov, 2000**

*Apodolichurus diaphanus* Antropov, 2000: 65.

Type specimen(s). H: In.19123(4) (NHML).

**547) *Apodolichurus sphaerocephalus* Antropov, 2000**

*Apodolichurus sphaerocephalus* Antropov, 2000: 65.

Type specimen(s). H (♀): In.20150 (NHML).

**Tribe Cretampulicini Antropov, 2000**

**3.440 Genus *Cretampulex* Antropov, 2000**

*Cretampulex* Antropov, 2000: 66. Type species: *Cretampulex gracilis* Antropov, 2000.

**548) *Cretampulex gracilis* Antropov, 2000**

*Cretampulex gracilis* Antropov, 2000: 67.

Type specimen(s). H (♀): In.19123(5) (NHML).

**Tribe Mendampulicini Antropov, 2000**

**3.441 Genus *Mendampulex* Antropov, 2000**

*Mendampulex* Antropov, 2000: 68. Type species: *Mendampulex monilicularis* Antropov, 2000.

**549) *Mendampulex monilicularis* Antropov, 2000**

*Mendampulex monilicularis* Antropov, 2000: 69.

Type specimen(s). H (♀): In.20711 (NHML).

**Subfamily Burmastatinae Antropov, 2000**

**3.442 Genus *Burmastatus* Antropov, 2000**

*Burmastatus* Antropov, 2000: 60. Type species: *Burmastatus triangularis* Antropov, 2000.

**550) *Burmastatus triangularis* Antropov, 2000**

*Burmastatus triangularis* Antropov, 2000: 60.

Type specimen(s). H (♀): In. 20197 (NHML).

**Subfamily Cirrosphecinae Antropov, 2000**

**3.443 Genus *Cirrosphex* Antropov, 2000**

*Cirrosphex* Antropov, 2000: 62. Type Species. *Cirrosphex admirabilis* Antropov, 2000.

**551) *Cirrosphex admirabilis* Antropov, 2000**

*Cirrosphex admirabilis* Antropov, 2000: 62.

Type specimen(s). H (♂): In. 19125(1) (NHML).

**Subfamily Pemphredoninae Dahlbom, 1835**

**Tribe Pemphredonini Dahlbom 1835**

**3.444 Genus *Cretospilomena* Antropov, 2000**

*Cretospilomena* Antropov, 2000: 73. Type species: *Cretospilomena familiaris* Antropov, 2000.

**552) *Cretospilomena familiaris* Antropov, 2000**

*Cretospilomena familiaris* Antropov, 2000: 74.

Type specimen(s). H (♀): In.19136(1) (NHML). P (8??): Eight males in various states of preservation, all in the same piece of amber as the holotype (In.19136).

**3.445 Genus *Prolemistus* Antropov, 2000**

*Prolemistus* Antropov, 2000: 72. Type species: *Prolemistus apiformis* Antropov, 2000.

**553) *Prolemistus apiformis* Antropov, 2000**

*Prolemistus apiformis* Antropov, 2000: 72.

Type specimen(s). H (♀): In. 20181 (NHML).

**Superfamily Chrysidoidea Latreille, 1802**

**Family Bethylidae Forster, 1856**

**3.446 Genus *Apenesia* Westwood, 1874**

*Apenesia* Westwood, 1874: 170. Type species: *Apenesia amazonica* Westwood, 1874.

**554) *Apenesia electriphila* Cockerell, 1917**

*Apenesia electriphila* Cockerell, 1917b: 44.

Type specimen(s). H (?♂): NHML In.19109 (NHML).

**3.447 Genus *Bethylitella* Cockerell, 1917**

*Bethylitella* Cockerell, 1917a: 365. Type species: *Bethylitella cylindrella* Cockerell, 1917.

**555) *Bethylitella cylindrella* Cockerell, 1917**

*Bethylitella cylindrella* Cockerell, 1917a: 367.

Type specimen(s). H(?): NHML In.19120 (NHML).

**3.448 Genus *Epyris* Westwood, 1832**

*Epyris* Westwood, 1832: 129. Type species: *Epyris niger* Westwood, 1832.

*Calyzoa* Westwood, *in*: Hope, 1837: 56. Type species: *Calyzoa staphylinoides* Hope, 1837.

*Homoglenus* Kieffer, 1904: 388. Type species: *Homoglenus punctatus* Kieffer, 1904.

*Melanepyrus* Kieffer, 1913: 108. Type species: *Epyris imicola* Kieffer, 1913.

*Trissepyris* Kieffer, 1905: 109. Type species: *Trissepyris ruficeps* Kieffer, 1905.

**556) *Epyris atavellus* Cockerell, 1920**

*Epyris atavellus* Cockerell, 1920b: 276.

Type specimen(s). H: NHML In.20149(1) (NHML).

**3.449 Genus *Sclerodermus* Latreille, 1809**

*Sclerodermus* Latreille, 1809: 4. Type species: *Sclerodermus domesticus* Klug, 1809.

**557) *Sclerodermus quadridentatus* (Cockerell 1917)**

*Scleroderma* (?) *quadridentatum* Cockerell, 1917b: 43.  
*Sclerodermus quadridentatus*: Azevedo & Azar, 2012: 217.

Type specimen(s). H: NHML In.19116 (NHML).

#### Family Embolemidae Forster, 1856

##### 3.450 Genus *Ampulicomorpha* Ashmead, 1893

*Ampulicomorpha* Ashmead, 1893: 79. Type species: *Ampulicomorpha confusa* Ashmead, 1893.

##### 558) *Ampulicomorpha janzeni* Olimi, Rasnitsyn, Brothers & Guglielmino, 2014

*Ampulicomorpha janzeni* Olimi, Rasnitsyn, Brothers & Guglielmino, 2014: 3.

Type specimen(s). H (♀): SMNS-BU-21 (SMNS). P (♂): SMNS-BU-22 (SMNS).

#### Family Dryinidae Haliday, 1833

##### Subfamily Ponomarenkoinae Olmi, 2010

##### 3.451 Genus *Ponomarenkoa* Olmi, 2010

*Laberites* Ponomarenko, 1988: 107. Type species: *Laberites polonicus* Ponomarenko, 1988.  
*Ponomarenkoa* Olmi, 2010: 31. Type species: *Ponomarenkoa polonicus* (Ponomarenko, 1988).

##### 559) *Ponomarenkoa ellenbergeri* Olmi, Xu & He, 2013

*Ponomarenkoa ellenbergeri* Olmi, Xu & He, 2013: 434.

Type specimen(s). H: Unknown (SMNS).

##### Subfamily Dryininae Haliday, 1833

##### 3.452 Genus *Burmanteon* Engel, 2003

*Burmanteon* Engel, 2003a: 617. Type species: *Burmanteon olmii* Engel, 2003.

##### 560) *Burmanteon olmii* Engel, 2003

*Burmanteon olmii* Engel, 2003a: 617.

Type specimen(s). H (♀): KU-NHM-ENT, Bu-002 (KUC).

##### 3.453 Genus *Hybristodryinus* Engel, 2005

*Hybristodryinus* Engel, 2005: 486. Type species: *Hybristodryinus resinicolus* Engel, 2005.

##### 561) *Hybristodryinus resinicolus* Engel, 2005

*Hybristodryinus resinicolus* Engel, 2005: 488.

Type specimen(s). H: KU-NHM-ENT Bu-023 (KUC).

##### 3.454 Genus *Pseudodryinus* Olmi, 1991

*Pseudodryinus* Olmi, 1991: 365. Type species: *Thaumatodryinus townesi* Olmi, 1984.

##### 562) *Pseudodryinus burmensis* Olimi, Xu & Guglielmino, 2014

*Pseudodryinus burmensis* Olimi, Xu & Guglielmino, 2014: 705.

Type specimen(s). H (♂): SMNS Bu-106 (SMNS).

##### Subfamily Burmadryininae Olimi, Xu & Guglielmino, 2014

**3.455 Genus *Burmadryinus* Olimi, Xu & Guglielmino, 2014**

*Burmadryinus* Olimi, Xu & Guglielmino, 2014: 709. Type species: *Burmadryinus cenomanianus* Olimi, Xu & Guglielmino, 2014.

**563) *Burmadryinus cenomanianus* Olimi, Xu & Guglielmino, 2014**

*Burmadryinus cenomanianus* Olimi, Xu & Guglielmino, 2014: 710.

Type specimen(s). H (♂): SMNS Bu-105 (SMNS).

**Family Scolebythidae Evans, 1963**

**3.456 Genus *Cursoribythus* Cockx & McKellar, 2016**

*Cursoribythus* Cockx & McKellar, 2016: 136. Type species: *Cursoribythus silvestris* Cockx & McKellar, 2016.

**564) *Cursoribythus silvestris* Cockx & McKellar, 2016**

*Cursoribythus silvestris* Cockx & McKellar, 2016: 137.

Type specimen(s). H (?♀): RSM specimen P3306.003 (RSM).

**3.457 Genus *Siccibythus* Cockx & McKellar, 2016**

*Siccibythus* Cockx & McKellar, 2016: 135. Type species: *Siccibythus musculosus* Cockx & McKellar, 2016.

**565) *Siccibythus musculosus* Cockx & McKellar, 2016**

*Siccibythus musculosus* Cockx & McKellar, 2016: 135.

Type specimen(s). H (♀): RSM specimen P3306.002 (RSM).

**Superfamily Vespoidea Latreille, 1802**

**Family Tiphidae Leach, 1815**

**Subfamily Thanatotiphiinae Engel *et al.*, 2009**

**3.458 Genus *Thanatotiphia* Engel *et al.*, 2009**

*Thanatotiphia* Engel *et al.*, 2009: 3. Type species: *Thanatotiphia nyx* Engel *et al.*, 2009.

**566) *Thanatotiphia nyx* Engel *et al.*, 2009**

*Thanatotiphia nyx* Engel *et al.*, 2009: 3.

Type specimen(s). H (♂): Bu-1573 (AMNH).

**Family Sapygidae Latreille, 1810**

**Subfamily Cretosapyginae Bennett & Engel, 2005**

**3.459 Genus *Cretosapyga* Bennett & Engel, 2005**

*Cretosapyga* Bennett & Engel, 2005: 2. Type species: *Cretosapyga resinicola* Bennett & Engel, 2005.

**567) *Cretosapyga resinicola* Bennett & Engel, 2005**

*Cretosapyga resinicola* Bennett & Engel, 2005: 3.

Type specimen(s). H (♂): KU-NHM-ENT-Bu022 (KUC).

**Family Rhopalosomatidae Brues, 1922**

**3.460 Genus *Eorhopalosoma* Engel, 2008**

*Eorhopalosoma* Engel, 2008b: 169. Type species: *Eorhopalosoma gorgyra* Engel, 2008.

**568) *Eorhopalosoma gorgyra* Engel, 2008**

*Eorhopalosoma gorgyra* Engel, 2008b: 171.

Type specimen(s). H (♂): Bu-222 (AMNH).

**Family Pompilidae Latreille, 1804**

**Subfamily Pompilinae Latreille, 1805**

**Tribe Bryopompilini Engel & Grimaldi, 2006**

**3.461 Genus *Bryopompilus* Engel & Grimaldi, 2006**

*Bryopompilus* Engel & Grimaldi, 2006b: 365. Type species: *Bryopompilus interfector* Engel & Grimaldi, 2006.

**569) *Bryopompilus interfector* Engel & Grimaldi, 2006**

*Bryopompilus interfector* Engel & Grimaldi, 2006b: 365.

Type specimen(s). H (♀): Bu-051 (AMNH).

**Family Formicidae Latreille, 1802**

**Subfamily *incertae sedis***

**3.462 Genus *Burmomyrmex* Dlussky, 1996**

*Burmomyrmex* Dlussky, 1996: 453. Type species: *Burmomyrma rossi* Dlussky, 1996.

**570) *Burmomyrma rossi* Dlussky, 1996**

*Burmomyrma rossi* Dlussky, 1996: 453.

Type specimen(s). H: NHML. 19125 (NHML).

**3.463 Genus *Camelomecia* Barden & Grimaldi, 2016**

*Camelomecia* Barden & Grimaldi, 2016: 537. Type species: *Camelomecia janovitzii* Barden & Grimaldi, 2016.

**571) *Camelomecia janovitzii* Barden & Grimaldi, 2016**

*Camelomecia janovitzii* Barden & Grimaldi, 2016: 537.

Type specimen(s). H (♀): AMNH Bu-TJ003 (AMNH).

**3.464 Genus *Myanmyrma* Engel & Grimaldi, 2005**

*Myanmyrma* Engel & Grimaldi, 2005: 13. Type species: *Myanmyrma gracilis* Engel & Grimaldi, 2005.

**572) *Myanmyrma gracilis* Engel & Grimaldi, 2005**

*Myanmyrma gracilis* Engel & Grimaldi, 2005: 14.

Type specimen(s). H: AMNH Bu-014 (AMNH).

Additional materials. AMNH Bu-225, AMNH Bu-1509 (AMNH).

**Subfamily Sphecomyrminae Wilson & Brown, 1967**

**Tribe Sphecomyrmini Wilson & Brown, 1967**

**3.465 Genus *Zigrasimecia* Barden & Grimaldi, 2013**

*Zigrasimecia* Barden & Grimaldi, 2013: 407. Type species: *Zigrasimecia tonsora* Barden & Grimaldi, 2013.

**573) *Zigrasimecia ferox* Perrichot, 2014**

*Zigrasimecia ferox* Perrichot, 2014: 166.

Type specimen(s). H (♀): JWJ-Bu18a (JWJ). P (5♀): JWJ-Bu17, JWJ-Bu18b, JWJ-Bu18c, JWJ-Bu18d, JWJ-Bu23 (JWJ).

**574) *Zigrasimecia tonsora* Barden & Grimaldi, 2013**

*Zigrasimecia tonsora* Barden & Grimaldi, 2013: 407.

Type specimen(s). H (♀): JZC Bu-159 (JZC).

**Tribe Haidomyrmecini Bolton, 2003**

**3.466 Genus *Ceratomyrmex* Perrichot, Wang & Engel, 2016**

*Ceratomyrmex* Perrichot, Wang & Engel, 2016: 1468. Type species: *Ceratomyrmex ellenbergeri* Perrichot, Wang & Engel, 2016.

**575) *Ceratomyrmex ellenbergeri* Perrichot, Wang & Engel, 2016**

*Ceratomyrmex ellenbergeri* Perrichot, Wang & Engel, 2016: 1468.

Type specimen(s). H: NIGP164022 (NIGP). P (?): IGR. BU-002 (GDUR).

Additional materials. Specimen SEC-BU39.003, Specimen SEC-BU39.004(PCSE).

**3.467 Genus *Haidoterminus* McKellar, Glasier & Engel, 2013**

*Haidoterminus* McKellar, Glasier & Engel, 2013: 457. Type species: *Haidoterminus cippus* McKellar, Glasier & Engel, 2013.

**576) *Haidoterminus cippus* McKellar, Glasier & Engel, 2013**

*Haidoterminus cippus* McKellar, Glasier & Engel, 2013: 4578.

Type specimen(s). H (♀): UASM 332546 (UASM).

**Tribe *incertae sedis***

**3.468 Genus *Gerontofornica* Nel & Perrault, 2004**

*Gerontofornica* Nel & Perrault, 2004: 24. Type species: *Gerontofornica cretacica* Nel & Perrault, 2004.

*Sphecomyrmodus* Engel & Grimaldi, 2005: 5. Type species: *Sphecomyrmodus orientalis* Engel & Grimaldi, 2005.

**577) *Gerontofornica contegus* (Barden & Grimaldi, 2014)**

*Sphecomyrmodus contegus* Barden & Grimaldi, 2014: 2.

*Gerontofornica contegus*: Barden & Grimaldi, 2016: 4.

Type specimen(s). H (♀): JZC Bu300A (JZC). P (?): JZC Bu115-A (JZC).

**578) *Gerontofornica gracilis* (Barden & Grimaldi, 2014)**

*Sphecomyrmodus gracilis* Barden & Grimaldi, 2014: 4.

*Gerontofornica gracilis*: Barden & Grimaldi, 2016: 4.

Type specimen(s). H (♀): JZC Bu324A (JZC). P (?): JZC Bu324B (JZC).

**579) *Gerontofornica magnus* (Barden & Grimaldi, 2014)**

*Sphecomyrmodus magnus* Barden & Grimaldi, 2014: 7.

*Gerontofornica magnus*: Barden & Grimaldi, 2016: 4.

Type specimen(s). H (♀): JZC Bu108A (JZC). P (?): JZC Bu114, JZC Bu343 (JZC).

**580) *Gerontofornica maraudera* Barden & Grimaldi, 2016**

*Gerontofornica maraudera* Barden & Grimaldi, 2016: 4.

Type specimen(s). H (♀): JCZ Bu1846 (AMNH).



**581) *Gerontoformica orientalis* (Engel & Grimaldi, 2005)***Sphecomyrmodes orientalis* Engel & Grimaldi, 2005: 5.*Gerontoformica orientalis*: Barden & Grimaldi, 2016: 4.

Type specimen(s). H: AMNH Bu-351 (AMNH).

**582) *Gerontoformica pilosus* (Barden & Grimaldi, 2014)***Sphecomyrmodes pilosus* Barden & Grimaldi, 2014: 10.*Gerontoformica pilosus*: Barden & Grimaldi, 2016: 4.

Type specimen(s). H (♀): JZC Bu225 (JZC).

**583) *Gerontoformica robustus* (Barden & Grimaldi, 2014)***Sphecomyrmodes robustus* Barden & Grimaldi, 2014: 12.*Gerontoformica robustus*: Barden & Grimaldi, 2016: 4.

Type specimen(s). H (♀): JZC Bu223A (JZC). P (??): JZC Bu106, JZC Bu223B (JZC).

**584) *Gerontoformica rugosus* (Barden & Grimaldi, 2014)***Sphecomyrmodes rugosus* Barden & Grimaldi, 2014: 15.*Gerontoformica rugosus*: Barden & Grimaldi, 2016: 4.

Type specimen(s). H (♀): JZC Bu1648 (JZC).

**585) *Gerontoformica spiralis* (Barden & Grimaldi, 2014)***Sphecomyrmodes spiralis* Barden & Grimaldi, 2014: 16.*Gerontoformica spiralis*: Barden & Grimaldi, 2016: 4.

Type specimen(s). H (♀): JZC Bu222A (JZC). P (6??): JZC Bu224, JZC Bu111, JZC Bu301, JZC Bu112, JZC Bu105-A, JZC Bu302-A (JZC).

**586) *Gerontoformica subcuspidis* (Barden & Grimaldi, 2014)***Sphecomyrmodes subcuspidis* Barden & Grimaldi, 2014: 17.*Gerontoformica subcuspidis*: Barden & Grimaldi, 2016: 4.

Type specimen(s). H (♀): JZC Bu304 (JZC). P (??): JZC Bu305, JZC Bu121A (JZC).

**587) *Gerontoformica tendir* (Barden & Grimaldi, 2014)***Sphecomyrmodes tendir* Barden & Grimaldi, 2014: 17.*Gerontoformica tendir*: Barden & Grimaldi, 2016: 4.

Type specimen(s). H (♀): JZC Bu303A (JZC). P (?): JZC Bu303B (JZC).

**3.469 Genus *Haidomyrmex* Dlussky, 1996***Haidomyrmex* Dlussky, 1996: 449. Type Species: *Haidomyrmex cerberus* Dlussky, 1996.**588) *Haidomyrmex cerberus* Dlussky, 1996***Haidomyrmex cerberus* Dlussky, 1996: 452.

Type specimen(s). H (♀): NHML. 20182 (NHML).

**589) *Haidomyrmex scimitarus* Barden & Grimaldi, 2012***Haidomyrmex scimitarus* Barden & Grimaldi, 2012: 4.

Type specimen(s). H (♀): AMNH #Bu-FB80 (AMNH).

**590) *Haidomyrmex zigrasi* Barden & Grimaldi, 2012**

*Haidomyrmex zigrasi* Barden & Grimaldi, 2012: 11.

Type specimen(s). H (♀): Specimen number not assigned (JZC).

**Superfamily Ceraphronoidea Haliday, 1833**

**Family Stigmaphronidae Kozlov, 1975**

**3.470 Genus *Burmaphron* Engel & Grimaldi, 2009**

*Burmaphron* Engel & Grimaldi, 2009: 59. Type species: *Burmaphron tridentatum* Engel & Grimaldi, 2009.

**591) *Burmaphron prolatum* Engel & Grimaldi, 2009**

*Burmaphron prolatum* Engel & Grimaldi, 2009: 60.

Type specimen(s). H: AMNH Bu-671 (AMNH).

**592) *Burmaphron tridentatum* Engel & Grimaldi, 2009**

Stigmaphronidae sp. Grimaldi *et al.*, 2002: 50.

*Burmaphron tridentatum* Engel & Grimaldi, 2009: 60.

Type specimen(s). H: AMNH Bu-677 (AMNH).

**Superfamily Chalcidoidea Latreille, 1817**

**Family Mymaridae Haliday, 1833**

**3.471 Genus *Myanmymar* Huber, 2011**

*Myanmymar* Huber, 2011: 462. Type species: *Myanmymar aresconoides* Huber, 2011.

**593) *Myanmymar aresconoides* Huber, 2011**

*Myanmymar aresconoides* Huber, 2011: 464.

Type specimen(s). H (♀): Specimen number not assigned (PACO).

**Superfamily Evanioidea Latreille, 1802**

**Family Aulacidae Hedicke, 1939**

**3.472 Genus *Hyptiogastrites* Cockerell, 1917**

*Hyptiogastrites* Cockerell, 1917e: 19. Type species: *Hyptiogastrites electrinus* Cockerell, 1917.

**594) *Hyptiogastrites electrinus* Cockerell, 1917**

*Hyptiogastrites electrinus* Cockerell, 1917e: 20.

Type specimen(s). H: In. 19098 (NHML).

**Family Gasteruptiidae Ashmead, 1900**

**3.473 Genus *Electrofoenus* Cockerell, 1917**

*Electrofoenus* Cockerell, 1917a: 364. Type species: *Electrofoenus gracilipes* Cockerell, 1917.

**595) *Electrofoenus gracilipes* Cockerell, 1917**

*Electrofoenus gracilipes* Cockerell, 1917a: 365.

Type specimen(s). H: NHML In.19117 (NHML).

**3.474 Genus *Protofoenus* Cockerell, 1917**

*Protofoenus* Cockerell, 1917e: 18. Type species: *Protofoenus swinhoei* Cockerell, 1917.

**596) *Protofoenus swinhoei* Cockerell, 1917**

*Protofoenus swinhoei* Cockerell, 1917e: 18.

Type specimen(s). H: NHML In.19091 (NHML).

**Subfamily Hypselogastrinae Engel, 2016****3.475 Genus *Hypselogastrion* Engel, 2016**

*Hypselogastrion* Engel, 2016a: 179. Type species: *Hypselogastrion simplex* Engel & Wang, 2016.

**597) *Hypselogastrion simplex* Engel & Wang, 2016**

*Hypselogastrion simplex* Engel & Wang, 2016a: 179.

Type specimen(s). H (♂): NIGP 163537 (NIGP).

**Family Praeaulacidae Rasnitsyn, 1972****Subfamily Praeaulacinae Rasnitsyn, 1972****3.476 Genus *Habraulacus* Li, Rasnitsyn, Shih & Ren, 2015**

*Habraulacus* Li, Rasnitsyn, Shih & Ren, 2015: 21. Type species: *Habraulacus zhaoi* Li, Rasnitsyn, Shih & Ren, 2015.

**598) *Habraulacus zhaoi* Li, Rasnitsyn, Shih & Ren, 2015**

*Habraulacus zhaoi* Li, Rasnitsyn, Shih & Ren, 2015: 21.

Type specimen(s). H (♂): CNU-HYM-MA-2014001 (CNU).

**Family Othniodellithidae Engel & Huang, 2016****3.477 Genus *Othniodellitha* Engel & Huang, 2016**

*Othniodellitha* Engel & Huang, 2016g: 124. Type species: *Othniodellitha mantichora* Engel & Huang, 2016.

**599) *Othniodellitha mantichora* Engel & Huang, 2016**

*Othniodellitha mantichora* Engel & Huang, 2016g: 124.

Type specimen(s). H (♀): NIGP 163254 (NIGP).

**Family Evaniidae Latreille, 1802****3.478 Genus *Cretevania* Rasnitsyn, 1975**

*Cretevania* Rasnitsyn, 1975: 24. Type species: *Cretevania minor* Rasnitsyn, 1975.

**600) *Cretevania bechlyi* Jennings, Krogmann & Mew, 2013**

*Cretevania bechlyi* Jennings, Krogmann & Mew, 2013: 92.

Type specimen(s). H (♀): SMNS BU-2 (SMNS).

**3.479 Genus *Mesevania* Basibuyuk & Rasnitsyn, 2000**

*Mesevania* Basibuyuk & Rasnitsyn, 2000: 54. Type species: *Mesevania swinhoei* Basibuyuk & Rasnitsyn, 2000.

**601) *Mesevania swinhoei* Basibuyuk & Rasnitsyn, 2000**

*Mesevania swinhoei* Basibuyuk & Rasnitsyn, 2000: 55.

Type specimen(s). H (♀): NHM In. 20192 (NHML).

**3.480 Genus *Sorellevania* Engel, 2006**

*Sorellevania* Engel, 2006: 446. Type species: *Sorellevania deansi* Engel, 2006.

**602) *Sorellevania deansi* Engel, 2006**

*Sorellevania deansi* Engel, 2006: 447.

Type specimen(s). H (♀): KU-NHM-ENT, Bu-058 (KUC).

**Superfamily Ichneumonoidea Latreille, 1802**

**Family Braconidae Nees, 1811**

**Subfamily *incertae sedis***

**3.481 Genus *Rhetinorhyssalus* Engel, 2016**

*Rhetinorhyssalus* Engel, 2016a: 3. Type species: *Rhetinorhyssalus morticinus* Engel, 2016.

**603) *Rhetinorhyssalus morticinus* Engel, 2016**

*Rhetinorhyssalus morticinus* Engel, 2016a: 5.

Type specimen(s). H (♂): AMNH Bu-1424 (AMNH).

**Subfamily Protorhyssalinae Basibuyuk *et al.*, 1999**

**3.482 Genus *Archaeorhyssalus* Engel, 2016**

*Archaeorhyssalus* Engel, 2016: 30. Type species: *Archaeorhyssalus subsolanus* Engel, 2016.

**604) *Archaeorhyssalus subsolanus* Engel, 2016**

*Archaeorhyssalus subsolanus* Engel, 2016: 30.

Type specimen(s). H (♀): NIGP 163432 (NIGP).

**Superfamily Megalyroidea Schletterer, 1889**

**Family Maimetshidae Rasnitsyn, 1975**

**3.483 Genus *Burmaimetsha* Perrichot, 2013**

*Burmaimetsha* Perrichot, 2013: 69. Type species: *Burmaimetsha concava* Perrichot, 2013.

**605) *Burmaimetsha concava* Perrichot, 2013**

*Burmaimetsha concava* Perrichot, 2013: 70.

Type specimen(s). H (♂): JV-Bu-Hym01 (SMNS). P (♀): JV-Bu-Hym02 (SMNS).

**3.484 Genus *Maimetshasia* Perrichot, 2013**

*Maimetshasia* Perrichot, 2013: 73. Type species: *Maimetshasia kachinensis* Perrichot, 2013.

**606) *Maimetshasia kachinensis* Perrichot, 2013**

*Maimetshasia kachinensis* Perrichot, 2013: 73.

Type specimen(s). H (♂): JWJ-Bu-Hym37 (SMNS).

**Superfamily Mymarommaioidea Debauche, 1948**

**Family Mymarommatidae Debauche, 1948****3.485 Genus *Archaeromma* Yoshimolo, 1975**

*Archaeromma* Yoshimolo, 1975: 503. Type species: *Ooctonus minutissimus* Brues, 1937= [*Archaeromma minutissima* (Brues, 1937)].

**607) *Archaeromma gibsoni* Engel & Grimaldi, 2007**

*Archaeromma gibsoni* Engel & Grimaldi, 2007: 165.

Type specimen(s). H (♂): Bu-997 (AMNH). P (3♂): Bu-479, Bu-184 (AMNH), SEMC-KU Bu-024 (KUC).

**Family Gallorommutidae Gibson *et al.*, 2007****3.486 Genus *Galloromma* Schlüter, 1978**

*Galloromma* Schlüter, 1978: 74. Type species: *Galloromma bezonnaisensis* Schlüter, 1978.

**608) *Galloromma kachinensis* Engel & Grimaldi, 2007**

Mymarommatidae sp. Grimaldi *et al.*, 2002:11

*Galloromma* sp.: Gibson *et al.*, 2007: 142.

*Galloromma kachinensis* Engel & Grimaldi, 2007: 166.

Type specimen(s). H (♀): Bu-0107 (AMNH). P (2♂): Bu - 0107, Bu-160 (AMNH).

**Superfamily Platygastroidea Haliday, 1833****Family Platygastriidae Haliday, 1833****3.487 Genus *Cascoscelio* Poinar, 2012**

*Cascoscelio* Poinar, 2012: 521. Type species: *Cascoscelio incassus* Poinar, 2012.

**609) *Cascoscelio incassus* Poinar, 2012**

*Cascoscelio incassus* Poinar, 2012: 521.

Type specimen(s). H (♂): E-2 (RBAC).

**Superfamily Proctotrupoidea Latreille, 1802****Family Pelecinidae Haliday, 1840****3.488 Genus *Abropelecinus* Feng, Shih, Ren & Liu, 2010**

*Abropelecinus* Feng, Shih, Ren & Liu, 2010: 464. Type species: *Abropelecinus annulatus* Feng, Shih, Ren & Liu, 2010.

**610) *Abropelecinus tythus* Guo, Shih & Ren, 2016**

*Abropelecinus tythus* Guo, Shih & Ren, 2016: 86.

Type specimen(s). H (♂): No. CNU-HYM-MA2016002 (CNU).

**3.489 Genus *Brachypelecinus* Guo, Shih & Ren, 2016**

*Brachypelecinus* Guo, Shih & Ren, 2016: 85. Type species: *Brachypelecinus euthyntus* Guo, Shih & Ren, 2016.

**611) *Brachypelecinus euthyntus* Guo, Shih & Ren, 2016**

*Brachypelecinus euthyntus* Guo, Shih & Ren, 2016: 85.

Type specimen(s). H (♂): No. CNU-HYM-MA2016001 (CNU).

**3.490 Genus *Zoropelecinus* Engel & Grimaldi, 2013**

*Zoropelecinus* Engel & Grimaldi, 2013: 4. Type species: *Zoropelecinus zigrasi* Engel & Grimaldi, 2013.

**612) *Zoropelecinus periosus* Guo, Shih & Ren, 2016**

*Zoropelecinus periosus* Guo, Shih & Ren, 2016: 88.

Type specimen(s). H (♀): No. CNU-HYM-MA2016003 (CNU).

**613) *Zoropelecinus zigrasi* Engel & Grimaldi, 2013**

*Zoropelecinus zigrasi* Engel & Grimaldi, 2013: 5.

Type specimen(s). H (♀): JZC-Bu229 (JZC).

**Family Spathiapterygidae Engel & Ortega-Blanco, 2013**

**3.491 Genus *Diaspathion* Engel & Huang, 2015**

*Diaspathion* Engel & Huang, 2015: 98. Type species: *Diaspathion ortegai* Engel & Huang, 2015.

**614) *Diaspathion ortegai* Engel & Huang, 2015**

*Diaspathion ortegai* Engel & Huang, 2015: 99.

Type specimen(s). H (♂): NIGP160526 (NIGP).

**Superfamily Stephanoidea Leach, 1815**

**Family Stephanidae Leach, 1815**

**Subfamily Schlettereriinae Orfila, 1949**

**3.492 Genus *Kronostephanus* Engel & Grimaldi, 2013**

*Kronostephanus* Engel & Grimaldi, 2013: 247. Type species: *Kronostephanus zigrasi* Engel & Grimaldi, 2016.

**615) *Kronostephanus zigrasi* Engel & Grimaldi, 2013**

*Kronostephanus zigrasi* Engel & Grimaldi, 2013: 247.

Type specimen(s). H (♀): JZC-Bu230 (JZC).

**Phylum Onychophora Grube, 1853**

**Family Peripatidae Evans, 1901**

**3.493 Genus *Cretoperipatus* Engel & Grimaldi, 2002**

*Cretoperipatus* Engel & Grimaldi, 2002: 24. Type species: *Cretoperipatus burmiticus* Engel & Grimaldi, 2002.

**616) *Cretoperipatus burmiticus* Engel & Grimaldi, 2002**

*Cretoperipatus burmiticus* Engel & Grimaldi, 2002: 27.

Type specimen(s). H: AMNH Bu218 (AMNH).

Additional materials. BU-001467, BU-001468, ZZZ0066.

**Phylum Chordata Haeckel, 1874**

**Class Reptilia Laurenti, 1768**

**Order Squamata Opper, 1811**

**Suborder Gekkota Cuvier, 1817**

**Family Gekkonidae? Opper, 1811**

**3.494 Genus *Cretaceogekko* Arnold & Poinar, 2008**

*Cretaceogekko* Arnold & Poinar, 2008: 62. Type species: *Cretaceogekko burmae* Arnold & Poinar, 2008.

**617) *Cretaceogekko* Arnold & Poinar, 2008**

*Cretaceogekko burmae* Arnold & Poinar, 2008: 62.

Type specimen(s). H: accession # B-V-4 (PACO).

**Kingdom Fungi**

**3.495 Genus *Palaeoagaracites* Poinar & Buckley, 2007**

*Palaeoagaracites* Poinar & Buckley, 2007: 504. Type species: *Palaeoagaracites antiquus* Poinar & Buckley, 2007.

**618) *Palaeoagaracites antiquus* Poinar & Buckley, 2007**

*Palaeoagaracites antiquus* Poinar & Buckley, 2007: 504.

Type specimen(s). H: AB 368 (RBAC).

**3.496 Genus *Mycetophagites* Poinar & Buckley, 2007**

*Mycetophagites* Poinar & Buckley, 2007: 504. Type species: *Mycetophagites atrebora* Poinar & Buckley, 2007.

**619) *Mycetophagites atrebora* Poinar & Buckley, 2007**

*Mycetophagites atrebora* Poinar & Buckley, 2007: 504.

Type specimen(s). H: AB 368 (RBAC).

**3.497 Genus *Entropezites* Poinar & Buckley, 2007**

*Entropezites* Poinar & Buckley, 2007: 504. Type species: *Entropezites patricii* Poinar & Buckley, 2007.

**620) *Entropezites patricii* Poinar & Buckley, 2007**

*Entropezites patricii* Poinar & Buckley, 2007: 505.

Type specimen(s). H: AB 368 (RBAC).

**Phylum Basidiomycota Moore, 1980**

**Family Paleoclavariaceae Poinar & Brown, 2003**

**3.498 Genus *Palaeoclavaria* Poinar & Brown, 2003**

*Palaeoclavaria* Poinar & Brown, 2003b: 765. Type species: *Palaeoclavaria burmitis* Poinar & Brown, 2003.

**621) *Palaeoclavaria burmitis* Poinar & Brown, 2003**

*Palaeoclavaria burmitis* Poinar & Brown, 2003b: 765.

Type specimen(s). H: B-P-1 (PACO).

**Class Agaricomycetes Doweld, 2001**

**Subclass Agaricomycetidae Doweld, 2001**

**Order Boletales Gilbert, 1931**

**Suborder Sclerodermatineae Manfr. Binder & Bresinsky, 2002**

**Family Sclerodermatineae Corda, 1842**

**3.499 Genus *Palaeogaster* Poinar, Alfredo & Baseia, 2014**

*Palaeogaster* Poinar, Alfredo & Baseia, 2014: 140. Type species: *Palaeogaster micromorpha* Poinar, Alfredo & Baseia, 2014.

**622) *Palaeogaster micromorpha* Poinar, Alfredo & Baseia, 2014**

*Palaeogaster micromorpha* Poinar, Alfredo & Baseia, 2014: 140.

Type specimen(s). H: B-F-1 (PACO).

**Phylum Ascomycota Cavalier-Smith, 1998**

**Class Sordariomycetes Eriksson & Winka, 1997**

**Order Hypocreales Lindau, *in*: Engler & Prantl, 1897**

**Family Clavicipitaceae (Lindau) Earle ex Rogerson, 1971**

**3.500 Genus *Palaeoclaviceps* Poinar, Alderman & Wunderlich, 2015**

*Palaeoclaviceps* Poinar, Alderman & Wunderlich, 2015: 14. Type species: *Palaeoclaviceps parasiticus* Poinar, Alderman & Wunderlich, 2015.

**623) *Palaeoclaviceps parasiticus* Poinar, Alderman & Wunderlich, 2015**

*Palaeoclaviceps parasiticus* Poinar, Alderman & Wunderlich, 2015: 14.

Type specimen(s). H: F26481BUIC (SMRI).

**Family Ophiocordycipitaceae**

**3.501 Genus *Palaeoophiocordyceps* Sung, Poinar & Spatafora, 2008**

*Palaeoophiocordyceps* Sung, Poinar & Spatafora, 2008: 4. Type species: *Palaeoophiocordyceps coccophagus* Sung, Poinar & Spatafora, 2008.

**624) *Palaeoophiocordyceps coccophagus* Sung, Poinar & Spatafora, 2008**

*Palaeoophiocordyceps coccophagus* Sung, Poinar & Spatafora, 2008: 4.

Type specimen(s). H: B-Sy-18-holotype (PACO).

**Kingdom Planta**

**Phylum Bryophyta Schimper, 1879**

**Class Jungermanniopsida Stotler & Crandall-Stotler, 1977 emend. 2000**

**Order Porellales Schljakov, 1972**

**Family Frullaniaceae Lorch, 1914**

**3.502 Genus *Frullania* Raddi, 1818**

*Frullania* Raddi, 1818: 9. Type species: unknown.

**625) *Frullania cretacea* Hentschel, Schmidt & Heinrichs, 2009**

*Frullania cretacea* Hentschel, Schmidt & Heinrichs, 2009: 326.

Type specimen(s). H: AMNH B-011 (AMNH).

**Family Lepidolaenaceae Nakai, 1943**

**3.503 Genus *Gackstroemia* Trevisan, 1877**

*Gackstroemia* Trevisan, 1877: 397. Type species: Unknown.

**626) *Gackstroemia cretacea* Heinrichs, Schäfer-Verwimp, Feldberg & Schmidt, 2014**

*Gackstroemia cretacea* Heinrichs, Schäfer-Verwimp, Feldberg & Schmidt, 2014b: 49.

Type specimen(s). H: AMNHBU ASJH-1 (AMNH).

**Class Bryopsida McClatchie, 1897**

**Subclass Bryidae Engler, 1892**



**Order Hypnodendrales Bell, Newton & Quandt, 2007****3.504 Genus *Vetiplanaxis* Bell, 2007**

*Vetiplanaxis* Bell, 2007: 518. Type species: *Vetiplanaxis pyrrohobryoides* Bell, 2007.

**627) *Vetiplanaxis espinosus* Hedenäs, Heinrichs & Schmidt, 2014**

*Vetiplanaxis espinosus* Hedenäs, Heinrichs & Schmidt, 2014: 8.

Type specimen(s). H: AMNH Bu-951 (AMNH). P: AMNH Bu-1285 (AMNH).

**628) *Vetiplanaxis longiacuminatus* Hedenäs, Heinrichs & Schmidt, 2014**

*Vetiplanaxis longiacuminatus* Hedenäs, Heinrichs & Schmidt, 2014: 7.

Type specimen(s). H: AMNH Bu-1096b (AMNH).

**629) *Vetiplanaxis oblongus* Hedenäs, Heinrichs & Schmidt, 2014**

*Vetiplanaxis oblongus* Hedenäs, Heinrichs & Schmidt, 2014: 6.

Type specimen(s). H: AMNH Bu-181 (AMNH).

**630) *Vetiplanaxis pyrrohobryoides* Bell, 2007**

*Vetiplanaxis pyrrohobryoides* Bell, 2007: 518.

Type specimen(s). H: NHML V. 15536 (NHML).

**Subclass Dicranidae Doweld, 2001****Order Dicranales Fleischer, 1920****Family *incertae sedis*****3.505 Genus *Calymperites* Ignatov & Perkovsky, 2013**

*Calymperites* Ignatov & Perkovsky, 2013: 90. Type species: *Calymperites ucrainicus* Ignatov & Perkovsky, 2013.

**631) *Calymperites burmensis* Heinrichs, Schäf.-Verw., Hedenäs, Ignatov & A.R. Schmidt, 2014**

*Calymperites burmensis* Heinrichs, Schäf.-Verw., Hedenäs, Ignatov & A.R. Schmidt, 2014a: 261.

Type specimen(s). H: AMNH Bu ASJH-2 (AMNH).

**Phylum Tracheophyta Sinnott, 1935 ex Cavalier-Smith (1998)****Infraphylum Moniliformopses Kenrick & Crane, 1997, nom. inval.****Class Polypodiopsida Cronquist, Takhtajan & Zimmermann, 1966****Order Polypodiales Link, 1833****3.506 Genus *Cretacifilix* Poinar & Buckley, 2016**

*Cretacifilix* Poinar & Buckley, 2016a: 1176. Type species: *Cretacifilix fungiformis* Poinar & Buckley, 2016.

**632) *Cretacifilix fungiformis* Poinar & Buckley, 2016**

*Cretacifilix fungiformis* Poinar & Buckley, 2016a: 1176.

Type specimen(s). H: # B-11 (DEI).

**Family Denntstaedtiaceae Lotsy, 1909****3.507 Genus *Krameropteris* Schneid, Schmidt & Heinrichs, 2016**

*Krameropteris* Schneid, Schmidt & Heinrichs, 2016: 74. Type species: *Krameropteris resinatus* Schneid, Schmidt & Heinrichs, 2016.

**633) *Krameropteris resinatus* Schneid, Schmidt & Heinrichs, 2016**

*Krameropteris resinatus* Schneid, Schmidt & Heinrichs, 2016: 74.

Type specimen(s). H: AMNH Bu-ASJH-3 (AMNH).

Additional materials. AMNH-Bu-342, AMNH-Bu-731, AMNH-Bu-1612, AMNH-Bu-158b, AMNH-Bu-119 (AMNH); Beate Stolz Amber Collection (Bremen, Germany), sine numero; Carsten Gröhn Amber Collection, no. 11039.

**Phylum Angiospermae**

**3.508 Genus *Antiquifloris* Poinar, Buckley & Chen, 2016**

*Antiquifloris* Poinar, Buckley & Chen, 2016: 156. Type Species: *Antiquifloris latifibris* Poinar, Buckley & Chen, 2016.

**634) *Antiquifloris latifibris* Poinar, Buckley & Chen, 2016**

*Antiquifloris latifibris* Poinar, Buckley & Chen, 2016: 156.

Type specimen(s). H: accession # ab 214 (RBAC)..

**3.509 Genus *Lachnociona* Poinar, Chambers & Buckley, 2008**

*Lachnociona* Poinar, Chambers & Buckley, 2008: 1184. Type species: *Lachnociona terriae* Poinar, Chambers & Buckley, 2008.

**635) *Lachnociona terriae* Poinar, Chambers & Buckley, 2008**

*Lachnociona terriae* Poinar, Chambers & Buckley, 2008: 1184.

Type specimen(s). H: accession no. Ab-294 (DEI).

**3.510 Genus *Micropetasos* Poinar, Chambers & Wunderlich, 2013**

*Micropetasos* Poinar, Chambers & Wunderlich, 2013: 746. Type Species: *Micropetasos burmensis* Poinar, Chambers & Wunderlich, 2013.

**636) *Micropetasos burmensis* Poinar, Chambers & Wunderlich, 2013**

*Micropetasos burmensis* Poinar, Chambers & Wunderlich, 2013: 746.

Type specimen(s). H: accession no. F2469/BU/CJW (SMRI).

**Class Dicotyledons**

**Order Laurales Jussieu ex Berchtold & Presl, 1820**

**Sister to Family Atherospermataceae + Gomortegaceae**

**3.511 Genus *Jamesrosea* Crepet *et al.*, 2016**

*Jamesrosea* Crepet *et al.*, 2016: 291. Type species: *Jamesrosea burmensis* Crepet *et al.*, 2016.

**637) *Jamesrosea burmensis* Crepet *et al.*, 2016**

*Jamesrosea burmensis* Crepet *et al.*, 2016: 291.

Type specimen(s). H (♂♀): AMNH JZ Bu-124 (AMNH).

**Family Monimiaceae Jussieu, 1809**

**3.512 Genus *Palaeoanthella* Poinar & Chambers, 2005**

*Palaeoanthella* Poinar & Chambers, 2005: 2088. Type species: *Palaeoanthella huangii* Poinar & Chambers, 2005.

**638) *Palaeoanthella huangii* Poinar & Chambers, 2005**

*Palaeoanthella huangii* Poinar & Chambers, 2005: 2088.

Type specimen(s). H (♂): Specimen number not assigned, Single staminate flower (PCGH).

**Order Oxalidales Berchtold & Presl, 1820**

**Family Cunoniaceae Brown, 1814**

**3.513 Genus *Tropidogyne* Chambers, Poinar & Buckley, 2010**

*Tropidogyne* Chambers, Poinar & Buckley, 2010: 23. Type species: *Tropidogyne pikei* Chambers, Poinar & Buckley, 2010.

**639) *Tropidogyne pikei* Chambers, Poinar & Buckley, 2010**

*Tropidogyne pikei* Chambers, Poinar & Buckley, 2010: 24.

Type specimen(s). H: T. Pike #ab 14 (RBAC).

**Order Cornales Dumort, 1829**

**Family Cornaceae Berchtold & Presl, 1825**

**3.514 Genus *Eoëpigynia* Poinar, Chambers & Buckley, 2007**

*Eoëpigynia* Poinar, Chambers & Buckley, 2007: 92. Type species: *Eoëpigynia burmensis* Poinar, Chambers & Buckley, 2007.

**640) *Eoëpigynia burmensis* Poinar, Chambers & Buckley, 2007**

*Eoëpigynia burmensis* Poinar, Chambers & Buckley, 2007: 92.

Type specimen(s). H (♂♀): perfect flower (accession # ab 214) (RBAC).

**Class Monocotyledones**

**Order Poales Small, 1903**

**3.515 Genus *Programinis* Poinar, 2004**

*Programinis* Poinar, 2004b: 499. Type species: *Programinis burmitis* Poinar, 2004.

**641) *Programinis burmitis* Poinar, 2004**

*Programinis burmitis* Poinar, 2004b: 499.

Type specimen(s). H: A spikelet with glumes, lemmas, paleas, accession#B-P-3A (PACO).

**642) *Programinis laminatus* Poinar, 2004**

*Programinis laminatus* Poinar, 2004b: 499.

Type specimen(s). H: A leaf fragment, accession#B-P-3B (PACO).

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