Burmese (Myanmar) amber taxa, on-line checklist v.2017.3

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This taxonomic list is based on Ross *et al* (2010) plus non-arthropod taxa and published papers up to the end of September 2017. It does not contain unpublished records or records from papers in press (including on-line proofs) or unsubstantiated on-line records. Often the final versions of papers were published on-line the year before they appeared in print, so the on-line published year is accepted and referred to accordingly. Note, the authorship of species does not necessarily correspond to the full authorship of papers where they were described.

The latest high level classification is used where possible though in some cases conflicts were encountered, usually due to cladistic studies, so in these cases an older classification was adopted for convenience. The classification for Hexapoda follows Nicholson *et al*. (2015), plus subsequent papers. † denotes extinct orders and families.

New additions or taxonomic changes to the previous list (v.2017.2) are marked in blue, corrections are marked in red.

The list now comprises 34 classes (or similar rank), 91 orders (or similar rank), 412 families, 639 genera and 819 species. This includes 6 classes, 57 orders, 373 families, 584 genera and 757 species of arthropods.

Some previously recorded families have since been synonymised or relegated to subfamily level- these are included in parentheses in the main list below. The following families are no longer recognised or not accepted as occurring in Burmese amber due to previously included taxa being moved to other families or *incertae sedis*, families being erected to superfamilies, subfamilies being erected to families, specimens being re-identified, families recorded in error or not valid-

Hexapoda
- Bibionidae
- †Eadiidae
- †Ectinothripidae (*nomen nudum*)
- Eriocraniidae
- Hilarimorphidae
- Leptoceridae
- Neanuridae
- Piesmatidae
- Pompilidae
- Prosopistomatidae
- Psyllipsocidae
- †Raphidiomimidae
- Rhinotermitidae
- Telephlebiidae
- Termopsidae
- Therevidae
- Trigonalidae

Arachnida
- †Archaeobuthidae
- ~~Deinopidae~~
- Dictynidae
- Erythraeidae
- Linyphiidae
- Liphistidae
- Nephilidae
- Ochyroceratidae
- Olpiidae
- Pisauridae
- †Salticoididae
- Sironidae

Plantae
- Hypnodendraceae

The list by Guo *et al*. (2017) has proved useful in providing a species I previously missed, a spelling mistake and a few additional references. However, some species were listed in the families where they were originally described rather than where they have been subsequently moved to, so in these cases their classification is not followed here. They included five species: *Jordansegestria detruneo* (No. 109), *Archaelagonops alavensis* (No. 127), *Xiphos vani* (No. 275), *Dorotheus guidensis* (No. 402) and *Haidoterminus cippus* (No. 576) that were described from other ambers or fossil deposits and have not been recorded from Burmese amber.

The word ‘Birmite’ has been used for Burmese amber, but this is incorrect. Birmite is a 19th Century trade name for a man-made resin (urea formaldehyde), so should not be used. Burmite is the correct mineral name.

The Bibliography lists papers on Burmese amber published since 1995, including those that discuss species already described (list is not comprehensive) and papers that contain other information, such as about the geology, chemistry and ecology. See the reference lists in Ross & York (2000) and Zherikhin & Ross (2000) for papers published before 1995.

At the end of the Bibliography is a separate list of papers in press. Data from these will be added to the taxonomic list when they are published.

Many thanks to everyone who has supplied pdfs of their papers. So that I can keep the list up-to-date please continue to send me your pdfs and let me know of any corrections required (particularly due to taxonomic changes) and references of papers in press. This list will be periodically updated and made available on-line via webpage and Research Gate.

I welcome collaboration on future papers using this data, which will give me the incentive to keep the list up-to-date.

If you find this list useful to your research please cite it as follows-

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HEXAPODA (2c., 34o., 290f., 462g., 538sp.)

Entognatha (4o., 6f., 13g., 14sp.)

Diplura (1f.)
- Campodeidae

Entomobryomorpha (3f., 8g., 9sp.)
- Isotomidae
  - *Burmisotoma lamellifera* Christiansen & Nascimbene, 2006
  - *Proisotoma pettersonae* Christiansen & Nascimbene, 2006
  - *Propachyotoma conica* Christiansen & Nascimbene, 2006
  - *Protodesoria granda* Christiansen & Nascimbene, 2006
  - *Protoisotoma burma* Christiansen & Nascimbene, 2006
  - *Villusisotoma brevis* Christiansen & Nascimbene, 2006
  - *Villusisotoma longa* Christiansen & Nascimbene, 2006
- †Praentomobryidae
  - *Cretacentomobrya burma* Christiansen & Nascimbene, 2006
  - *Praentomobrya avita* Christiansen & Nascimbene, 2006
- Tomoceridae

Poduromorpha (1f., 1g., 1sp.)
- Odontellidae
  - *Protodontella minicornis* Christiansen & Nascimbene, 2006

Symphypleona (1f., 4g., 4sp.)
- Sminthuridae
  - *Grinnellia ventis* Christiansen & Nascimbene, 2006
  - *Mucrovirga incompleta* Christiansen & Nascimbene, 2006
  - *Sminthurconus grimaldi* Christiansen & Nascimbene, 2006
  - *Sminthuricinus deceptus* Christiansen & Nascimbene, 2006

Insecta (30o., 284f., 449g., 524sp., excluding copal)

Archaeognatha (2f., 5g., 6sp.)
- Machilidae
- Meinertellidae
  - *Cretaceobrevibusantennis hookensis* Chen & Su, 2017
  - *Cretaceobrevibusantennis thornis* Chen & Su, 2017
  - *Cretaceomachilis longa* Zhang, Li, Shih, Zhang & Ren, 2017
  - ?*Macropsontus* sp.
  - *Nullmeinertellus wenxuani* Zhang, Li, Shih, Zhang & Ren, 2017
  - *Unimeinertellus abundus* Zhang, Li, Shih, Zhang & Ren, 2017
  - *Unimeinertellus bellus* Zhang, Li, Shih, Zhang & Ren, 2017

Zygentoma (1f., 3g., 3sp.)
- Lepismatidae
  - *Allacrotelsa burmiticus* (Cockerell, 1917)
  - *Burmalepisma cretacicum* Mendes & Poinar, 2008
  - *Cretalepisma kachinicum* Mendes & Wunderlich, 2013

Ephemeroptera (2f., 3g., 3sp.)
- †Australiphemeridae
  - *Nanophemera myanmarensis* McCafferty & Santiago-Blay, 2009
- Baetidae
  - *Vetuformosa buckleyi* Poinar, 2011
- Family *incertae sedis*
  - *Myanmarella rossi* Sinitshenkova, 2000

Odonata (11f., 18g., 21sp.)
- †Burmaeshnidae
  - *Angustaeschna magnifica* Huang, Cai & Nel, 2017
  - *Burmaeshna azari* Huang, Cai, Nel, & Bechly, 2017
  - *Cretaeshna lini* Zheng, Chang, Jarzembowski & Wang, 2016
- †Burmagomphidae
  - *Burmagomphides electronica* Zheng, Nel & Wang, 2017
- †Burmaphlebiidae
  - *Burmaphlebia reifi* Bechly & Poinar, 2013
- Dysagrionidae
  - *Burmadysagrion zhangi* Zheng, Wang & Nel, 2016
  - *Electrodysagrion lini* Zheng, Nel & Wang, 2017
  - *Palaeodysagrion cretacicus* Zheng, Zhang, Nel, Jarzembowski, Zhou, Chang & Wang, 2016
- Gomphaeschnidae
  - *Cretagomphaeschnaoides jarzembowskae* Zheng, Jarzembowski, Chang & Wang, 2016
- Gomphidae
  - *Burmalindenia imperfecta* Schädel & Bechly, 2016
- Hemiphlebiidae
  - *Burmahemiphlebia zhangi* Zheng, Zhang, Nel, Jarzembowski, Zhou, Chang & Wang, 2016
- †Mesomegaloprepidae
  - *Mesomegaloprepus magnificus* Huang, Azar, Cai, Maksoud, Nel, & Bechly, 2017
- Perilestidae
  - *Palaeoperilestes electronicus* Zheng, Wang, Jarzembowski, Chang & Nel, 2016
- Platycnemididae
  - *Cretadisparoneura hongi* Huang, Azar, Cai & Nel, 2015
  - *Palaeodisparoneura burmanica* Poinar, Bechly & Buckley, 2010
  - *Palaeodisparoneura cretacica* Zheng, Wang & Chang, 2016
  - *Yijenplatycnemis huangi* Zheng, Nel, Jarzembowski, Chang, Zhang, Xia, Liu & Wang, 2017
- Platystictidae

Mesosticta davidattenboroughi Zheng, Wang, Nel, Jarzembowski, Zhang & Chang, 2017
Mesosticta burmatica Huang, Azar, Cai & Nel, 2015
Mesosticta electronica Zheng, Zhang, Chang & Wang, 2016
~~Telephlebiidae~~
~~*Cretaeshna lini* Zheng, Chang, Jarzembowski & Wang, 2016~~
Family *incertae sedis*
Burmagrion marijanmatoki Möstel, Schorr & Bechly, 2017

†Aethiocarenodea (1f., 1g., 1sp.)
†Aethiocarenidae
Aethiocarenus burmanicus Poinar & Brown, 2016

†Alienoptera (1f., 1g., 1sp.)
†Alienopteridae
Alienopterus brachyelytrus Bai, Beutel, Klass, Wipfler & Zhang, 2016

Blattodea (incl. Isoptera) (9f., 11g., 12sp.)
†Archeorhinotermitidae
Archeorhinotermes rossi Krishna & Grimaldi, 2003
Blattidae
Balatronis cretacea Smídová & Lei, 2017
†Caloblattinidae
Raphidiomimula burmitica Grimaldi & Ross, 2004
Corydiidae (=Polyphagidae)
Ectobiidae (=Blattellidae)
Hodotermitidae?
Kalotermitidae
Kachinitermopsis burmensis (Poinar, 2009)
Proelectrotermes holmgreni Engel, Grimaldi & Krishna, 2007
Proelectrotermes swinhoei (Cockerell, 1916)
Termitidae?
†Umenocoleidae (=Ponopterixidae)
Family *incertae sedis*
Dharmatermes avernalis Engel, Grimaldi & Krishna, 2007
Ginormotermes rex (Engel, Barden & Grimaldi, 2016)
Kachinitermes tristis (Cockerell, 1917)
Krishnatermes yoddha Engel, Barden & Grimaldi, 2016
Mylacrotermes cordatus Engel, Grimaldi & Krishna, 2007
Tanytermes anawrahtai Engel, Grimaldi & Krishna, 2007

Dermaptera (4f., 8g., 8sp.)
Anisolabididae?
Toxolabis zigrasi Engel & Grimaldi, 2014
Diplatyidae
Tytthodiplatys mecynocercus Engel, 2011
Labiduridae

Myrrholabia electrina (Cockerell, 1920)
Zigrasolabis speciosa Engel & Grimaldi, 2014
Pygidicranidae
Astreptolabis ethirosomatia Engel, 2011
Burmapygia resinata Engel & Grimaldi, 2004
Gracilipygia canaliculata Ren, Zhang, Shih & Ren, 2017
Stonychopygia leptocerca Engel & Huang, 2016

Embioptera (4f., 4g., 4sp.)
Clothodidae
Atmetoclothoda orthotenes Engel & Huang, 2016
Oligotomidae
Litoclostes delicatus Engel & Huang, 2016
Notoligotomidae (=Burmitembiidae)
Burmitembia venosa Cockerell, 1919
†Sorellembiidae
Sorellembia estherae Engel & Grimaldi, 2006

Grylloblattodea (1g., 1sp.)
Family *incertae sedis*
Sylvalitoralis cheni Zhang, Bai & Yang, 2016

Mantodea (1f., 1g., 3sp.)
†Gryllomantidae
Burmantis asiatica Grimaldi, 2003
Burmantis burmitica (Grimaldi, 2003)
Burmantis zherikhini Delclòs, Peñalver, Arillo, Engel, Nel, Azar & Ross, 2015

Orthoptera (6f., 5g., 5sp.)
†Elcanidae
Burmelcana longirostris Peñalver & Grimaldi, 2010
Longioculus burmensis Poinar, Gorochov & Buckley, 2007
Gryllidae
Mogoplistidae
Protomogoplistes asquamosus Gorochov, 2010
Tetrigidae
Tettigonidae
Tridactylidae
Birmitoxya intermedia Gorochov, 2010
Burmadactylus grimaldii Heads, 2009

Phasmatodea (2f., 2g., 3sp.)
†Archipseudophasmatidae
Pseudoperla leptoclada Chen, Zhang, Shih & Ren, 2017
Pseudoperla scapiforma Chen, Zhang, Shih & Ren, 2017
Phasmatidae

Echinosomiscus primoticus Engel & Wang, 2016

Plecoptera

Zoraptera (1f., 2g., 4sp.)
- Zorotypidae
  - *Zorotypus acanthothorax* Engel & Grimaldi, 2002
  - *Zorotypus cretatus* Engel & Grimaldi, 2002
  - *Zorotypus nascimbenei* Engel & Grimaldi, 2002
  - *Xenozorotypus burmiticus* Engel & Grimaldi, 2002

Hemiptera (37f., 47g., 53sp.)
- Achilidae
  - *Niryasaburnia burmitina* (Cockerell, 1917)
- †Albicoccidae
  - *Albicoccus dimai* Koteja, 2004
- Aleyrodidae
  - '*Aleurodicus*' *burmiticus* Cockerell, 1919
  - *Burmoselis evelynae* Shcherbakov, 2000
- Aphrophoridae
- Aradidae
  - *Aradoleptus birmanus* Heiss, 2016
  - *Archearadus burmensis* Heiss & Grimaldi, 2001
  - *Archearadus elongatus* Heiss, 2016
  - *Calisiomorpha yuripopovi* Heiss, 2016
  - *Cretopiesma suukyiae* Grimaldi & Engel, 2008
  - *Ellenbergeria oviventris* Heiss, 2016
  - *Kachinocoris brevipennis* Heiss, 2012
  - *Microaradus anticus* Heiss & Poinar, 2012
  - *Myanmezira longicornis* Heiss & Poinar, 2012
- †Burmacoccidae
  - *Burmacoccus danyi* Koteja, 2004
- †Burmitaphidae
  - *Burmitaphis prolatum* Poinar & Brown, 2005
  - *Caulinus burmitis* Poinar & Brown, 2005
- Cicadellidae
- Cicadidae
  - *Burmacicada protera* Poinar & Kritsky, 2011
- Cimicidae
  - *Quasicimex eilapinastes* Engel, 2008
- Cixiidae
  - *Plecophlebus nebulosus* Cockerell, 1917
- Coccidae
  - *Rosahendersonia prisca* Vea & Grimaldi, 2015
- Coreidae
- Cydnidae

Dipsocoridae
Enicocephalidae
- *Disphaerocephalus constrictus* Cockerell, 1917
- *Disphaerocephalus macropterus* Cockerell, 1917
- *Disphaerocephalus swinhoei* (Cockerell, 1917)
- *Paenicotechys fossilis* (Cockerell, 1916)

Fulgoridae?
Gelastocoridae
- *Gelastocoris curiosus* Poinar & Brown, 2016
- *Nerthra bichelata* Poinar & Brown, 2016

Hydrometridae
- *Burmametra macrocarinata* Huang, Garrouste, Azar, Engel & Nel, 2014
- *Carinametra burmensis* Andersen & Grimaldi 2001

†Isolitaphidae
- *Isolitaphis prolatantennus* Poinar, 2017

†Kozariidae
- *Kozarius achronus* Vea & Grimaldi, 2015
- *Kozarius perpetuus* Vea & Grimaldi, 2015

Leptopodidae
- *Grimaldinia pronotalis* Popov & Heiss, 2014
- *Leptosaldinea cobbeni* Popov & Heiss, 2016

Miridae
Naucoridae
Ochteridae
Ortheziidae
- *Burmorthezia kotejai* Vea & Grimaldi, 2012
- *Burmorthezia insolita* Vea & Grimaldi, 2012
- *Wathondara kotejai* Simon, Szwedo & Xia, 2015

†Palaeoleptidae
- *Palaeoleptus burmanicus* Poinar & Buckley, 2009

†Parvaverrucosidae (=Verrucosidae)
- *Parvaverrucosa annulata* (Poinar & Brown, 2005)

†Perforissidae
- *Foveopsis fennahi* Shcherbakov, 2007
- *Foveopsis heteroidea* Zhang, Ren & Yao, 2017

†Protopsyllidiidae
- *Postopsyllidium rebeccae* Grimaldi, 2003

Pseudococcidae
- *Gilderius eukrinops* Vea & Grimaldi, 2015

Reduvidae
Schizopteridae
- *Hexaphlebia burmanica* Poinar, 2015
- *Lumatibialis burmitis* Poinar, 2015
- *Tanaia burmitica* Perrichot, Nel, & Néraudeau, 2007

†Tajmyraphididae
Tingidae

Burmacader multivenosus Heiss & Guilbert, 2013
Spinitingis ellenbergeri Heiss & Guilbert, 2013
Tingiometra burmanica Heiss, Golub & Popov, 2015
†Weitschatidae
Pseudoweitschatus audebertis Vea & Grimaldi, 2015
Xylococcidae?
Family *incertae sedis*
Alacrena peculiaris Vea & Grimaldi, 2015
Magnilens glaesaria Vea & Grimaldi, 2015
Marmyan barbarae Koteja, 2004
Pedicellicoccus marginatus Vea & Grimaldi, 2015

†Permopsocida (1f., 3g., 3sp.)
†Archipsyllidae
Burmopsylla maculata Liang, Zhang & Liu, 2016.
Mydiognathus eviohlhoffae Yoshizawa & Lienhard, 2016
Psocorrhyncha burmitica Huang, Bechly, Nel, Engel, Prokop, Azar, Cai, Kamp, Staniczek, Garrouste, Krogmann, Santos Rolo, Baumbach, Ohlhoff, Shmakov, Bourgoin & Nel, 2016.

Psocoptera (7f., 8g., 12sp.)
†Archaeatropidae
Archaeatropos perantiqua (Cockerell, 1919)
Compsocidae
Burmacompsocus banksi (Cockerell, 1916)
Burmacompsocus perreaui Nel & Waller, 2007
Paraelectrentomopsis chenyangcaii Azar, Hakim & Huang, 2016
Liposcelididae
Cretoscelis burmitica Grimaldi & Engel, 2005
Manicapsocidae
Palaeomanicapsocus fouadi Azar, Hakim, Huang, Cai & Nel, 2016
Palaeomanicapsocus margoae Azar, Hakim, Huang, Cai & Nel, 2016
Pachytroctidae
Atapinella garroustei Azar, Huang, Cai & Nel, 2014
Burmipachytrocta singularis Azar, Huang, Cai & Nel, 2014
Prionoglaridídae
Palaeosiamoglaris burmica Azar, Huang &Nel, 2017
Palaeosiamoglaris inexpectata Azar, Huang &Nel, 2017
Palaeosiamoglaris leinhardi Azar, Huang &Nel, 2017
Trogiidae

Thysanoptera (2f.)
Aeolothripidae
Thripidae

Coleoptera (61f., 87g., 95sp.)

Aderidae
Anthicidae
‘*Eurygenius*’ *wickhami* Cockerell, 1917
Buprestidae
Cantharidae
Archaeomalthodes rosetta Hsiao, Ślipiński & Pang, 2016
Myamalycocerus vitalii Fanti & Ellenberger, 2016
Ornatomalthinus elvirae Poinar & Fanti, 2016
Carabidae
Oodes kachinensis Liu 2014
Caridae
Cerambycidae
Qitianniu zhihaoi Lin & Bai, 2017
Chrysomelidae
Ciidae (=Cisidae)
Cleridae
Cucujidae
Cupedidae
Barbaticupes combertiae Jarzembowski, Wang & Zheng, 2017
Mallecupes qingqingae Jarzembowski, Wang & Zheng, 2016
‘*Notocupe*s’ sp.
Tetraphalerus lindae Jarzembowski, Wang & Zheng, 2017
Curculionidae (=Platypodidae, Scolytidae)
Anchineus dolichobothris Poinar & Brown, 2009
Cryphalites rugosissimus Cockerell, 1917
Microborus inertus Cognato & Grimaldi, 2009
Palaeocryptorhynchus burmanus Poinar, 2009
Dermestidae
Attagenus burmiticus Cai, Háva & Huang, 2016
Attagenus secundus Deng, Ślipiński, Ren & Pang, 2017
Cretodermestes palpalis Deng, Ślipiński, Ren & Pang, 2017
Dermestes larvalis Cockerell, 1917
Megatoma atypica Deng, Ślipiński, Ren & Pang, 2017
Elateridae
‘*Acmaeodera*’ *burmitina* Cockerell, 1917
‘*Elater*’ *burmitinus* Cockerell, 1917
Endomychidae
Eucinetidae
Eucnemidae
Geotrupidae
Amberathyreus beuteli Bai & Zhang, 2016
Histeridae
Cretonthophilus tuberculatus Caterino, Wolf-Schwenninger & Bechly, 2015
Pantostictus burmanicus Poinar & Brown, 2009
Hybosoridae
Hybosorus ocampoi Bai & Zhang, 2015

Hydraenidae
Archaeodraena cretacea Jäch & Yamamoto, 2017
Hydrophilidae
Cretocrenis burmanicus Fikáček, Minoshima, Komarek, Short, Huang & Cai, 2017
Ithyceridae (=Eccoptarthridae)
Habropezus plaisiommus Poinar, Brown & Legalov, 2016
Mekorhamphus gyralommus Poinar, Brown & Legalov, 2016
Mesophyletis calhouni Poinar, 2006
Jacobsoniidae
Derolathrus abyssus Yamamoto & Parker, 2017
Sarothrias cretaceus Cai, Ślipiński, Leschen, Yin, Zhuo & Huang, 2017
Lampyridae
Protoluciola albertalleni Kazantsev, 2015
Latridiidae (=Lathridiidae)
Leiodidae
Colonellus burmiticus Cai & Huang, 2017
Cretagyrtodes glabratus Cai & Huang, 2017
Lepiceridae (=Haplochelidae)
Lepicerus georissoides (Kirejtshuk & Poinar, 2006)
Lepicerus mumia Jałoszyński & Yamamoto, 2017
Lepicerus pretiosus (Kirejtshuk & Poinar, 2013)
Lucanidae
Electraesalopsis beuteli Bai, Zhang & Qiu, 2017 (in Qui *et al*. 2017)
Protonicagus tani Cai, Yin, Liu & Huang, 2017
Lymexylidae
Melandryidae
Meloidae
Microentomus epibatus Poinar, 2015
Melyridae
Monotomidae
Cretakarenni birmanicus Peris & Declòs, 2015
Mordellidae
Nemonychidae
Aepyceratus hyperochus Poinar, Brown & Legalov, 2017
Burmonyx zigrasi Davis & Engel, 2014
Nitidulidae
Oedemeridae
Ommatidae
Brochocoleus caseyi Jarzembowski, Wang & Zheng, 2016
Brochocoleus zhiyuani Liu, Tan, Ślipinski, Jarzembowski, Wang, Ren & Pang, 2017
Omma lii Jarzembowski, Wang & Zheng, 2016
Paraodontomma burmitica Yamamoto, 2017
Stegocoleus caii Jarzembowski & Wang, 2016
Passalidae
†Passalopalpidae
Passalopalpus cheni Boucher, Bai & Zhang, 2016

Prostomidae
Vetuprostomis consimilis Engel & Grimaldi, 2008
Ptiliidae
Ptinidae (=Anobiidae)
Ptilodactylidae
Aphebodactyla rhetine Chatzimanolis, Cashion, Engel & Falin, 2012
Ripiphoridae (=Rhipiphoridae)
Cretaceoripidius burmiticus (Cockerell, 1917)
Flabellotoma heidiae Batelka, Prokop & Engel, 2016
Paleoripiphorus cf. *deploegi* Perrichot, Nel & Neraudeau, 2004 (in Batelka *et al.*, 2016)
Salpingidae
Scarabaeidae
Scirtidae (=Helodidae)
Mesernobius anawrahtai Engel, 2010
Scraptiidae
Silphidae
Nicrophorus sp.
Silvanidae
Pleuroceratos burmiticus Poinar & Kirejtshuk, 2008
Smicripidae
Mesosmicrips cretacea (Cai & Huang, 2016)
Sphaeriusidae (=Microsporidae)
Burmasporum rossi Kirejtshuk, 2009
Staphylinidae (=Pselaphidae, Scydmaenidae)
Boreotethys arctopteryx Parker, 2016
Boreotethys grimaldii Parker, 2016
Cascomastigus monstrabilis Yin & Cai, 2017
Cenomaniola carinata Jałoszyński & Yamamoto, 2017
Cenomaniola macrophthalma Jałoszyński & Yamamoto, 2017
Clidicostigus arachnipes Jałoszyński, Brunke & Bai, 2017
Cretobythus excavatus Yin, Parker & Cai, 2017
Cretodeinopsis aenigmatica Cai & Huang, 2014
Cretoleptochromus archaicus Cai & Huang, 2016
Cretoleptochromus burmiticus Yin, Cai, Huang & Li, 2017
Cretotrichopsenius burmiticus Cai, Huang, Newton, Eldredge & Engel, 2017
Ektatotricha paradoxa Chatzimanolis, Engel & Newton, 2010
Electroatopos castaneus Chatzimanolis, Engel & Newton, 2010
Festenus gracilis Żyła, Yamamoto, Wolf-Schwenninger & Solodovnikov, 2017
Festenus robustus Żyła, Yamamoto, Wolf-Schwenninger & Solodovnikov, 2017
Hapsomela burmitis Poinar & Brown, 2004
Kachinus antennatus Chatzimanolis, Engel & Newton, 2010
Megalopinus extinctus Yamamoto & Solodovnikov, 2016
Mesallotrochus longiantennatus Cai & Huang, 2014
Mesosymbion compactus Yamamoto, Maruyama & Parker, 2016
Octavius electrospinosus Clarke & Chatzimanolis, 2009
Oxyporus cretaceous Yamamoto, 2017

Prajna tianmiaoae Lü, Cai & Huang, 2016
Procileoporus burmiticus Yamamoto, 2016
Prosolierius crassicornis Thayer, Newton & Chatzimanolis, 2011
Prosolierius mixticornis Thayer, Newton & Chatzimanolis, 2011
Prosolierius tenuicornis Thayer, Newton & Chatzimanolis, 2011
Protodasycerus aenigmaticus Yamamoto, 2016
Protopeplus cretaceus Cai & Huang, 2014
Protrichonyx rafifrons Parker, 2016
Scydmobisetia vetutissima Jałoszyński & Yamamoto, 2016
Vetuproteinus cretaceus Cai, Newton & Thayer, 2016

Tetratomidae
Cretosynstrophus archaicus Cai, Hsiao & Huang, 2016
Thescelostrophus cretaceus Yu, Hsiao, Ślipinski, Jin, Ren & Pang, 2016

Throscidae
Trogidae
Trogossitidae
Zopheridae (=Colydiidae)
Cretomysteria burmanica Deng, Ślipiński, Ren & Pang, 2017
Paleoendeitoma antennata Deng, Ślipiński, Ren & Pang, 2017
Paleoendeitoma minuta Deng, Ślipiński, Ren & Pang, 2017

Diptera (45f., 95g., 121sp.)
Acroceridae
Schlingeromyia minuta Grimaldi & Hauser, 2011

Anisopodidae
Apsilocephalidae
Burmapsilocephala cockerelli Gaimari & Mostovski, 2000
Burmapsilocephala evocoa Grimaldi, 2016
Kumaromyia burmitica Grimaldi & Hauser, 2011

Apystomyiidae
Hilarimorphites cummingi Grimaldi, 2016
Hilarimorphites burmanica Grimaldi & Cumming, 2011

Asilidae
Burmapogon bruckschi Dikow & Grimaldi, 2014

Atelestidae
Meghyperus? sp.

Blephariceridae
Bombyliidae
Endymiomyia quadra Grimaldi, 2016
Nealimyia evenhuisi Grimaldi, 2016
Pioneeria bombylia Grimaldi, 2016
Procrocidium minutum Grimaldi, 2016

†Cascopleciidae
Cascoplecia insolitis Poinar, 2010

Cecidomyiidae
Ganseriella pankowskiorum Fedotova & Perkovsky, 2017

Winnertzia burmitica (Cockerell, 1917)

Ceratopogonidae

Archiaustroconops gracilis Szadziewski & Poinar, 2005

Archiaustroconops kotejai Szadziewski & Poinar, 2005

Archiculicoides andersoni Szadziewski, Ross & Giłka, 2014

Archiculicoides burmiticus (Szadziewski & Poinar, 2005)

Austroconops asiaticus Szadziewski, 2004

Leptoconops burmiticus Szadziewski, 2004

Leptoconops ellenbergeri Szadziewski, Giłka & Urbanek, 2015

Leptoconops myanmaricus Szadziewski, 2004

Leptoconops nosopheris Poinar, 2008

Leptoconops rossi Szadziewski, 2004

Leptoconops subrossicus Szadziewski & Poinar, 2005

Protoculicoides swinhoei (Cockerell, 1919)

Chaoboridae

Chaoburmus breviusculus Lukashevitch, 2000

?*Chaoburmus victimaartis* Lukashevitch, 2000

†Chimeromyiidae

Chimeromyia burmitica Grimaldi & Cumming, 2009

Chironomidae

Furcobuchonomyia saetheri Baranov, Góral & Ross, 2017

Corethrellidae

Corethrella andersoni Poinar & Szadziewski, 2007

Culicidae

Burmaculex antiquus Borkent & Grimaldi, 2004

Diadocidiidae

Docidiadia burmitica Blagoderov & Grimaldi, 2004

Dolichopodidae

Empididae

Burmitempis halteralis Cockerel, 1917

Cretoplatypalpus? sp.

~~*Electrocyrtoma burmanicum* Cockerell, 1917~~

†Eremochaetidae

Zhenia xiai Zhang, Zhang, Feng, Zhang & Wang, 2015

†Eucaudomyiidae

Eucaudomyia longicerci Grimaldi, 2016

Hybotidae

Alavesia sp.

Electrocyrtoma burmanicum Cockerell, 1917

Keroplatidae

Burmacrocera petiolata Cockerell, 1917

Limoniidae

?*Antocha lapra* Podenas & Poinar, 2009

Austrolimnophila joana Podenas & Poinar, 2009

Burmoptera azu Podenas & Poinar, 2009

Drinosa prisca Podenas & Poinar, 2009

Dicranoptycha burmitica Kania & Szwedo, 2014
Dicranoptycha fragmentata Krzeminski, 2004
Dicranoptycha plicativa Gao, Shih & Ren, 2015
Gonomyia sp.
Helius krzeminskii Ribeiro, 2003
Lebania scomax Podenas & Poinar, 2009
Limnophila bora Podenas & Poinar, 2009
Rhabdomastix jarzembowskii Krzeminski, 2004
Trentepohlia dzeura Podenas & Poinar, 2009

Lygistorrhinidae
Archaeognoriste primitiva Blagoderov & Grimaldi, 2004
Leptognoriste davisi Blagoderov & Grimaldi, 2004
Leptognoriste microstoma Blagoderov & Grimaldi, 2004
Protognoriste goeleti Blagoderov & Grimaldi, 2004
Protognoriste nascifoa Blagoderov & Grimaldi, 2004

Mycetophilidae
Alavamanota burmitina Blagoderov & Grimaldi, 2004
Allocotocera burmitica Blagoderov & Grimaldi, 2004
Disparoleia cristata Blagoderov & Grimaldi, 2004
Gaalomyia carolinae Blagoderov & Grimaldi, 2004
Hemolia glabra Blagoderov & Grimaldi, 2004
Hemolia matilei Blagoderov & Grimaldi, 2004
Protragoneura platycera Blagoderov & Grimaldi, 2004
Pseudomanota perplexa Blagoderov & Grimaldi, 2004
'*Sciara*' *burmitina* Cockerell, 1917
Temaleia birmitica Blagoderov & Grimaldi, 2004
Zeliinia orientalis Blagoderov & Grimaldi, 2004

Mythicomyiidae
Microburmyia analvena Grimaldi & Cumming, 2011
Microburmyia veanalvena Grimaldi & Cumming, 2011

†Mysteromyiidae
Mysteromyia plumosa Grimaldi, 2016

Nemestrinidae
Hirmoneura caudiprima Grimaldi, 2016
Hirmoneura aff. *richterae* Mostovski & Delclòs, 2000 (in Grimaldi, 2016)
Hirmoneura zigrasi Grimaldi, 2016
Mesonemestrius caii Zhang, Zhang & Wang, 2017

Phoridae (=Sciadoceridae)
Prioriphora sp.

Platypezidae

Psychodidae (=Phlebotomidae)
Axenotrichomyia boisteli Azar, Huang, Cai & Nel, 2015
Bamara groehni Stebner, Solórzano Kraemer, Ibáñez-Bernal & Wagner, 2015
Dacochile microsoma Poinar & Brown, 2004
Datzia bispina Stebner, Solórzano Kraemer, Ibáñez-Bernal & Wagner, 2015
Datzia setosa Stebner, Solórzano Kraemer, Ibáñez-Bernal & Wagner, 2015

Eophlebotomus connectens Cockerell, 1920
Mandalayia beumersorum Stebner, Solórzano Kraemer, Ibáñez-Bernal & Wagner, 2015
Nemopalpus quadrispiculatus Stebner, Solórzano Kraemer, Ibáñez-Bernal & Wagner, 2015
Nemopalpus velteni Wagner, 2012
Palaeomyia burmitis Poinar, 2004
Palaeoparasycorax globosus Stebner, Solórzano Kraemer, Ibáñez-Bernal & Wagner, 2015
Palaeoparasycorax suppus Stebner, Solórzano Kraemer, Ibáñez-Bernal & Wagner, 2015
Parasycorax simplex Stebner, Solórzano Kraemer, Ibáñez-Bernal & Wagner, 2015
Phlebotomites aphoe Stebner, Solórzano Kraemer, Ibáñez-Bernal & Wagner, 2015
Phlebotomites burmaticus Malak, Salamé & Azar, 2013
Phlebotomites grimaldii Malak, Salamé & Azar, 2013
Phlebotomites neli Malak, Salamé & Azar, 2013
Phlebotomus vetus Stebner, Solórzano Kraemer, Ibáñez-Bernal & Wagner, 2015
'*Trichomyia*' *swinhoei* Cockerell, 1917

Ptychopteridae (=Eoptychopteridae)
Leptychoptera calva Lukashevich, 2004
Leptychoptera reburra Lukashevich, 2004

†Rhagionemestriidae
Jurassinemestrinus eurema Grimaldi, 2016

Rhagionidae

Scatopsidae

Sciaridae (=Archizelmiridae)
Burmazelmira aristica Grimaldi, Amorim & Blagoderov, 2003

Stratiomyidae
Lysistrata burmensis Liu, Cai & Huang, 2016
Narcissomyia bella Grimaldi, 2016
Normyia longistyli Grimaldi, 2016
Normyia telescopica Grimaldi, 2016
Normyia woodleyi Grimaldi, 2016

Tabanidae
Cratotabanus asiaticus Grimaldi, 2016
Tabanipriscus transitivus Grimaldi, 2016

Tanyderidae
Similinannotanyderus lii Dong, Shih & Ren, 2015

†Tethepomyiidae
Tethepomyia coxa Grimaldi, 2016
Tethepomyia zigrasi Grimaldi & Arillo, 2011

Tipulidae

Valeseguyidae
Cretoseguya burmitica Amorim & Grimaldi, 2006

Xylomyidae
Archosolva biceps Grimaldi, 2016
Archosolva sulcata Grimaldi, 2016
Cretasolva burmitica Grimaldi, 2016

†Zhangsolvidae
Cratomyia mimetica Grimaldi, 2016
Linguatormyia teletacta Grimaldi, 2015
Family *incertae sedis*
Atherhagiox ambiguum Grimaldi, 2016
Atherhagiox simulans Grimaldi, 2016
Burmacyrtus rusmithi Grimaldi & Hauser, 2011
Galloatherix completus Grimaldi, 2016
Gracilomyia wit Grimaldi, 2016
Myanmyia asteiformia Grimaldi, 2011
Palaepangonius glossa Grimaldi, 2016
Pseudorhagio zhangi Zhang, Zhang & Wang, 2016
Psilocephala electrella Cockerell, 1920

Hymenoptera (40f., 72g., 87sp.)
Ampulicidae
Apodolichurus diaphanus Antropov, 2000
Apodolichurus sphaerocephalus Antropov, 2000
Cretampulex gracilis Antropov, 2000
Mendampulex monilicularis Antropov, 2000
†Aptenoperissidae
Aptenoperissus burmanicus Rasnitsyn & Poinar, 2016
Aulacidae
Archeofoenus tartaricus Engel, 2017
Electrofoenops diminuta Engel, 2017
Electrofoenus gracilipes Cockerell, 1917
Protofoenus swinhoei Cockerell, 1917
Bethylidae
Apenesia electriphila Cockerell, 1917
Bethylitella cylindrella Cockerell, 1917
Epyris atavellus Cockerell, 1920
Sclerodermus quadridentatum Cockerell, 1917
Braconidae
Archaeorhyssalus subsolanus Engel, 2016
Rhetinorhyssalus morticinus Engel, 2016
†Bryopompilidae
Bryopompilus interfector Engel & Grimaldi, 2006
Chalcididae
Crabronidae
Burmastatus triangularis Antropov, 2000
Cretospilomena familiaris Antropov, 2000
Prolemistus apiformis Antropov, 2000
Diapriidae
Dryinidae
Burmadryinus cenomanianus Olmi, Xu & Guglielmino, 2014
Burmanteon olmii Engel, 2003

Hybristodryinus resinicolus Engel, 2005
Ponomarenkoa ellenbergeri Olmi, Xu & He, 2013
Pseudodryinus burmensis Olmi, Xu & Guglielmino, 2014
Embolemidae
Ampulicomorpha janzeni Olmi, Rasnitsyn, Brothers & Guglielmino, 2014
Evaniidae
Cretevania bechlyi Jennings, Krogmann & Mew, 2013
Mesevania swinhoei Basibuyuk & Rasnitsyn, 2000
Sorellevania deansi Engel, 2006
†Falsiformicidae
Formicidae
Baikuris sp.
Burmomyrma rossi Dlussky, 1996
Camelomecia janovitzi Barden & Grimaldi, 2016
Ceratomyrmex ellenbergeri Perrichot, Wang & Engel, 2016
Haidomyrmex cerberus Dlussky, 1996
Haidomyrmex scimitarus Barden & Grimaldi, 2012
Haidomyrmex zigrasi Barden & Grimaldi, 2012
Myanmyrma gracilis Engel & Grimaldi, 2005
Gerontoformica contegus (Barden & Grimaldi, 2014)
Gerontoformica gracilis (Barden & Grimaldi, 2014)
Gerontoformica magnus (Barden & Grimaldi, 2014)
Gerontoformica maraudera Barden & Grimaldi, 2016
Gerontoformica orientalis (Engel & Grimaldi, 2005)
Gerontoformica pilosus (Barden & Grimaldi, 2014)
Gerontoformica robustus (Barden & Grimaldi, 2014)
Gerontoformica rugosus (Barden & Grimaldi, 2014)
Gerontoformica spiralis (Barden & Grimaldi, 2014)
Gerontoformica subcuspis (Barden & Grimaldi, 2014)
Gerontoformica tendir (Barden & Grimaldi, 2014)
Linguamyrmex vladi Barden & Grimaldi, 2017
Zigrasimecia ferox Perrichot, 2014
Zigrasimecia tonsora Barden & Grimaldi, 2013
†Gallorommatidae
Galloromma kachinensis Engel & Grimaldi, 2007
Gasteruptiidae
Hypselogastrion simplex Engel & Wang, 2016
Hyptiogastrites electrinus Cockerell, 1917
Ichneumonidae
Caloichneumon perrarus Li, Kopylov, Shih & Ren, 2016
Novichneumon longus Li, Kopylov, Shih & Ren, 2016
†Maimetshidae
Burmaimetsha concava Perrichot, 2013
Maimetshasia kachinensis Perrichot, 2013
Megalyridae
Megaspilidae

†Melittosphecidae
Melittosphex burmensis Poinar & Danforth, 2006
Mymaridae
Myanmymar aresconoides Huber, 2011
Mymarommatidae
Archaeromma gibsoni Engel & Grimaldi, 2007
†Othniodellithidae
Othniodellitha mantichora Engel & Huang, 2016
Xenodellitha preta Engel, 2017
Pelecinidae
Abropelecinus tytthus Guo, Shih & Ren, 2016
Brachypelecinus euthyntus Guo, Shih & Ren, 2016
Zoropelecinus periosus Guo, Shih & Ren, 2016
Zoropelecinus zigrasi Engel & Grimaldi, 2013
Platygastridae
Cascoscelio incassus Poinar & Buckley, 2011
†Praeaulacidae
Habraulacus zhaoi Li, Rasnitsyn, Shih & Ren, 2015
Rhopalosomatidae
Eorhopalosoma gorgyra Engel, 2008
Sapygidae
Cretosapyga resinicola Bennett & Engel, 2005
Scelionidae
Geoscelio mckellari Engel & Huang, 2016
Scolebythidae
Cursoribythus silvestris Cockx & McKellar, 2016
Siccibythus musculosus Cockx & McKellar, 2016
†Serphitidae
Serphites sp.
Sierolomorphidae
†Spathiopterygidae
Diaspathion ortegai Engel & Huang, 2015
Sphecidae
Stephanidae
Kronostephanus zigrasi Engel & Grimaldi, 2013
Lagenostephanus lii Li, Rasnitsyn, Shih & Ren, 2017
Phoriostephanus exilis Engel & Huang, 2016
†Stigmaphronidae
Burmaphron tridentatum Engel & Grimaldi, 2009
Burmaphron prolatum Engel & Grimaldi, 2009
†Syspastoxyelidae
Syspastoxyela rhaphidia Engel & Huang, 2016
Tiphiidae
Thanatotiphia nyx Engel, Ortega-Blanco & Bennett, 2009
Vespidae
Curiosivespa striata Perrard & Carpenter, 2017

Curiosivespa zigrasi Perrard & Carpenter, 2017
Protovespa haxairei Perrard & Carpenter, 2017
Family *incertae sedis*
Archaeoteleia astropulvis Talamas, 2016
Cirrosphex admirabilis Antropov, 2000
Proteroscelio nexus Talamas, 2016
Trigampulex pervetus (Cockerell, 1917)

Lepidoptera (3f., 1g., 3sp.)
Gelechiidae
Gracillariidae
Micropterigidae (=Micropterygidae)
Sabatinca cretacea Zhang, Wang, Shih & Ren, 2017
Sabatinca limula Zhang, Wang, Shih & Ren, 2017
Sabatinca perveta (Cockerell, 1919)

Mecoptera (3f., 3g., 5sp.)
Bittacidae
Burmobittacus jarzembowskii Zhao, Bashkuev, Chen & Wang, 2016
Meropeidae
Burmomerope clara Zhao & Wang, 2016
Burmomerope eureka Grimaldi & Engel, 2013
†Pseudopolycentropodidae
Parapolycentropus burmiticus Grimaldi & Rasnitsyn, 2005
Parapolycentropus paraburmiticus Grimaldi & Rasnitsyn, 2005

Megaloptera (1f., 1g., 1sp.)
Sialidae
Haplosialodes liui Huang, Azar, Engel, Cai, Garrouste & Nel, 2016

Neuroptera (21f., 39g., 43sp.)
Ascalaphidae
†Babinskaiidae
Burmobabinskaia tenuis Lu, Zhang & Liu, 2016
Electrobabinskaia burmana Lu, Zhang & Liu, 2016
Pseudobabinskaia martinsnetoi (Lu, Zhang & Liu, 2016)
Berothidae
Dasyberotha eucharis Engel & Grimaldi, 2008
Ethiroberotha elongata Engel & Grimaldi, 2008
Haploberotha persephone Engel & Grimaldi, 2008
Iceloberotha kachinensis Engel & Grimaldi, 2008
Iceloberotha simulatrix Engel & Grimaldi, 2008
Jersiberotha myanmarensis Engel & Grimaldi, 2008
Jersiberotha tauberorum Engel & Grimaldi, 2008
Maculaberotha nervosa Yuan, Ren & Wang, 2016
Magniberotha recurrens Yuan, Ren & Wang, 2016

Systenoberotha magillae Engel & Grimaldi, 2008
Telistoberotha libitina Engel & Grimaldi, 2008
Chrysopidae
Coniopterygidae
Achlyoconis heptatrichia Engel, 2016
Cretaconiopteryx grandis Liu & Lu, 2017
Glaesoconis baliopteryx Engel, 2004
Paranimboa litotes Engel, 2016
Phthanoconis burmitica Engel, 2004
†Corydasialidae
Megalopteroneura chenxingi Liu, Lu & Zhang, 2016
Dilaridae
Cretadilar olei Makarkin, 2016
Cretodilar burmanus Liu & Zhang, 2017
Cretanallachius magnificus Huang, Azar, Cai, Garrouste & Nel, 2015
Dilar cretaceus Liu & Zhang, 2017
Fiaponeura penghiani Lu, Zhang & Liu, 2016
Burmopsychops groehni Makarkin, 2016
Burmopsychops limoae Lu, Zhang & Liu, 2016
†Dipteromantispidae
Burmodipteromantispa jiaxiaoae Liu, Lu & Zhang, 2016
Halteriomantispa grimaldii Liu, Lu & Zhang, 2016
Mantispidipterella longissima Liu, Lu & Zhang, 2016
Hemerobiidae
Ithonidae
Burmithone pennyi Lu, Zhang, Ohl & Liu, 2017
Kalligrammatidae
Mantispidae?
Doratomantispa burmanica Poinar, 2010
†Mesochrysopidae
Pedanoptera arachnophila Liu, Zhang, Winterton, Breitkreuz & Engel, 2016
Myrmeleontidae (=Araripeneuridae)
Burmaneura minuta Huang, Azar, Engel, Garrouste, Cai & Nel, 2016
Nemopteridae
Nevrorthidae
Cretarophalis patrickmuelleri Wichard, 2017
Nymphidae
Elenchonymphes electrica Engel & Grimaldi, 2008
Osmylidae
Burmaleon magnificus Myskowiak, Huang, Azar, Cai, Garrouste & Nel, 2016
Psychopsidae
Litopsychopsis burmitica Engel & Grimaldi, 2008
Rachiberothidae
Creagroparaberotha groehni Makarkin, 2015
Eorhachiberotha burmitica Engel, 2004
Micromantispa cristata Shi, Ohl, Wunderlich & Ren, 2014

Scoloberotha necatrix Engel & Grimaldi, 2008
Sisyridae
Paradoxosisyra groehni Makarkin, 2016

Raphidioptera (1f., 4g., 5sp.)
†Mesoraphidiidae
Burmoraphidia reni Liu, Lu & Zhang, 2016
Dolichoraphidia aspoecki Liu, Lu & Zhang, 2016
Dolichoraphidia engeli Liu, Lu & Zhang, 2016
Nanoraphidia electroburmica Engel, 2002
Rhynchoraphidia burmana Liu, Lu & Zhang, 2016

Strepsiptera (4f., 3g., 3sp.)
†Cretostylopidae
Cretostylops engeli Grimaldi & Kathirithamby, 2005
†Kinzelbachillidae
Kinzelbachilla ellenbergeri Pohl & Beutel, 2016
†Mengeidae?
†Phthanoxenidae
Phthanoxenos nervosus Engel & Huang, 2016

†Tarachoptera (1f., 2g., 4sp.)
†Tarachocelidae
Kinitocelis brevicostata Mey, Wichard, Műller & Wang, 2017
Kinitocelis divisonotata Mey, Wichard, Műller & Wang, 2017
Kinitocelis hennigi Mey, Wichard, Műller & Wang, 2017
Tarachocelis microlepidopterella Mey, Wichard, Műller & Wang, 2017

Trichoptera (5f., 5g., 7sp.)
Hydroptilidae
Burminoptila bemeneha Botosaneanu, 1981
Odontoceridae
Palaeopsilotreta xiai Wichard & Wang, 2016
Philopotamidae
Wormaldia cretacea Wichard & Wang, 2016
Wormaldia myanmari Wichard & Poinar, 2005
Wormaldia resina Wichard & Wang, 2016
Polycentropodidae
Neureclipsis burmanica Wichard & Wang, 2016
Psychomyiidae
Palerasnitsynus ohlhoffi Wichard, Ross & Ross, 2011

Order *incertae sedis* (4f., 4g., 4sp.)
†Chresmodidae
Chresmoda chikuni Zhang & Ge, 2017
†Lophioneuridae

Burmacypha longicornis Zherikhin, 2000
†Manipulatoridae
Manipulator modificaputis Vršanský & Bechly, 2015
†Mantoblattidae
Mantoblatta mira Gorochov, 2006

Copal Insecta (1o., 1f., 1g., 2sp.)

Hymenoptera (1f., 1g., 2sp.)
Apidae
Trigona devicta (Cockerell, 1921)
Trigona iridipennis (Smith, 1854)

CHELICERATA (1c, 13o., 76f., 118g., 214sp.)

Arachnida (13o., 76f., 118g., 214sp.)

Amblypygi (1g., 3sp.)
Family *incertae sedis*
Kronocharon engeli Wunderlich, 2015
Kronocharon longicalcaris Wunderlich, 2015
Kronocharon prendinii Engel & Grimaldi, 2014

Araneae (37f., 88g., 167sp.)
Archaeidae
Burmesarchaea alissa Wunderlich, 2017
Burmesarchaea caudata Wunderlich, 2017
Burmesarchaea crassicaput Wunderlich, 2017
Burmesarchaea crassichelae Wunderlich, 2017
Burmesarchaea gibber Wunderlich, 2017
Burmesarchaea gibberoides Wunderlich, 2017
Burmesarchaea gibbosa Wunderlich, 2017
Burmesarchaea grimaldii (Penney, 2003)
Burmesarchaea longicollum Wunderlich, 2017
Burmesarchaea propinqua Wunderlich, 2017
Burmesarchaea pseudogibber Wunderlich, 2017
Burmesarchaea pustulata Wunderlich, 2017
Burmesarchaea quadrata Wunderlich, 2017
Burmesarchaea speciosa (Wunderlich, 2008)
Eomysmauchenius dubius Wunderlich, 2017
Eomysmauchenius septentrionalis Wunderlich, 2008
Lacunauchenius longissipes Wunderlich, 2015
Planarchaea kopp Wunderlich, 2015
Planarchaea oblonga Wunderlich, 2017

Planarchaea ovata Wunderlich, 2017
?*Planarchaea paucidentatus* (Wunderlich, 2008)
Planarchaea pilosa (Wunderlich, 2015)
†Burmadictynidae
Burmadictyna clava Wunderlich, 2015
Burmadictyna excavata Wunderlich, 2015
Burmadictyna pectin Wunderlich, 2008
Burmadictyna postcopula Wunderlich, 2017
Eodeinopis longipes Wunderlich, 2017
†Burmascutidae
Burmascutum aenigma Wunderlich, 2008
†Burmathelidae
Burmathele biseriata Wunderlich, 2017
Corinnidae (=Myrmeciidae)?
†Cretaceothelidae
Cretaceothele lata Wunderlich, 2015
Deinopidae?
Deinopedes tranquillus Wunderlich, 2017
Dipluridae
Phyxioschemoides collembola Wunderlich, 2015
Cethegoides patricki Wunderlich, 2017
†Eopsilodercidae
Eopsiloderces filiformis (Wunderlich, 2012)
Eopsiloderces loxosceloides Wunderlich, 2008
Eopsiloderces serenitas Wunderlich, 2015
Loxoderces curvatus Wunderlich, 2017
Loxoderces longicymbium Wunderlich, 2017
Loxoderces rectus Wunderlich, 2017
Praepholcus huberi Wunderlich, 2017
†Fossilcalcaridae
Fossilcalcar praeteritus Wunderlich, 2015
Hersiliidae (=Hersilidae)
Burmesiola cretacea Wunderlich, 2011
Burmesiola daviesi Wunderlich, 2015
Spinasilia dissoluta Wunderlich, 2015
Hexathelidae
Alioatrax incertus Wunderlich, 2017
†Lagonomegopidae
Albiburmops annulipes Wunderlich, 2017
Archaelagonops propinquus Wunderlich, 2015
Archaelagonops salticoides Wunderlich, 2012
Archaelagonops scorsum Wunderlich, 2015
Burlagonomegops eskovi Penney, 2005
Cymbiolaganops cymbiocalcar Wunderlich, 2015
Lagonoburmops plumosus Wunderlich, 2012
?*Lagonomegops tuber* Wunderlich, 2015

Lineaburmops beigeli Wunderlich, 2015
Lineaburmops hirsutipes Wunderlich, 2015
Lineaburmops maculatus Wunderlich, 2017
Myanlagonops gracilipes Wunderlich, 2012
?*Parviburmops bigibber* Wunderlich, 2017
Parviburmops brevipalpus Wunderlich, 2015
?*Paxillomegops brevipes* Wunderlich, 2015
?*Paxillomegops cornutus* Wunderlich, 2017
Paxillomegops longipes Wunderlich, 2015
Picturmegops signatus Wunderlich, 2015
Planimegops parvus Wunderlich, 2017

Leptonetidae

Palaeoleptoneta calcar Wunderlich, 2012
Palaeoleptoneta crus Wunderlich, 2017

~~Liphistidae~~

~~*Cretaceothele lata* Wunderlich, 2015~~

†Micropalpimanidae

Micropalpimanus poinari Wunderlich, 2008

†Mongolarachnidae

Longissipalpus cochlea Wunderlich, 2017
Longissipalpus magnus Wunderlich, 2015
Longissipalpus maior Wunderlich, 2015
Longissipalpus minor Wunderlich, 2015
Pedipalparaneus seldeni Wunderlich, 2015

Mysmenidae?

~~Nephilidae?~~

~~'*Nephila*' *burmanica* (Poinar & Buckley, 2012)~~

Oecobiidae

Retrooecobius chomskyi Wunderlich, 2015
'Retrooecobius' convexus Wunderlich, 2015
Zamilia aculeopectens Wunderlich, 2015
Zamilia antecessor Wunderlich, 2008
Zamilia quattuormammillae Wunderlich, 2015

Oonopidae

Burmorchestina (=*Bormorchestina*) *acuminata* Wunderlich, 2017
Burmorchestina biangulata Wunderlich, 2017
Burmorchestina plana Wunderlich, 2017
Burmorchestina pulcher Wunderlich, 2008
Burmorchestina pulcheroides Wunderlich, 2017
Burmorchestina tuberosa Wunderlich, 2017

Palpimanidae

†Parvithelidae

Parvithele muelleri Wunderlich, 2017
Parvithele spinipes Wunderlich, 2017
Pulvillothele haupti Wunderlich, 2017

†Pholcochyroceridae

Pholcochyrocer altipecten Wunderlich, 2017
?*Pholcochyrocer baculum* Wunderlich, 2012
Pholcochyrocer guttulaeque Wunderlich, 2008
Pholcochyrocer pecten Wunderlich, 2012
Spinicreber antiquus Wunderlich, 2015
Spinipalpus vetus Wunderlich, 2015

†Plumorsolidae
Burmorsolus nonplumosus Wunderlich, 2015
Pseudorsolus crassus (Wunderlich, 2015)

†Praearaneidae
Praearaneus bruckschi Wunderlich, 2017

†Praeterleptonetidae
Autotomiana hirsutipes Wunderlich, 2015
Biapophyses beate Wunderlich, 2015
Crassitibia longispina Wunderlich, 2015
Crassitibia tenuimana Wunderlich, 2015
Curvitibia curima Wunderlich, 2015
Groehnianus burmensis Wunderlich, 2015
Hypotheridiosoma falcata Wunderlich, 2015
Hypotheridiosoma paracymbium Wunderlich, 2012
Palaeohygropoda myanmarensis Penney, 2004
Parvispina tibialis (Wunderlich, 2011)
Praeterleptoneta spinipes Wunderlich, 2008
Spinipalpitibia maior Wunderlich, 2015

Psilodercidae
Aculeatosoma pyritmutatio Wunderlich, 2017
Leclercera ellenbergeri Wunderlich, 2015
Leclercera longissipes Wunderlich, 2012
Leclercera sexaculeata Wunderlich, 2015
Leclercera spicula Wunderlich, 2012
Priscaleclercera brevispinae Wunderlich, 2017
Priscaleclercera paucispinae Wunderlich, 2017
Proterpsiloderces longisetae Wunderlich, 2015
~~?*Psiloderces filiformis* Wunderlich, 2012~~

~~†Salticoididae~~
~~*Burmadictyna clava* Wunderlich, 2015~~
~~*Burmadictyna excavata* Wunderlich, 2015~~
~~*Burmadictyna pectin* Wunderlich, 2008~~

Segestriidae
Denticulsegestria rugosa Wunderlich, 2015
Myansegestria caederens Wunderlich, 2015
Myansegestria engin Wunderlich, 2015
Parvosegestria longitibialis Wunderlich, 2015
Parvosegestria obscura Wunderlich, 2015
Parvosegestria pintgu Wunderlich, 2015
Parvosegestria triplex Wunderlich, 2015

Sparassidae (=Eusparassidae)?
†Spatiatoridae
Spatiator putescens Wunderlich, 2015
~~*Vetiator gracilipes* Wunderlich, 2015~~
Telemidae
?*Telemofila crassifemoralis* Wunderlich, 2017
Tetrablemmidae
Bicornoculus levis Wunderlich, 2015
Brignoliblemma bizarre Wunderlich, 2017
Brignoliblemma nala Wunderlich, 2017
Brignoliblemma paranala Wunderlich, 2017
Cymbioblemma corniger Wunderlich, 2017
Electroblemma bifida Selden, Zhang & Ren, 2016
?*Eogamasomorpha clara* Wunderlich, 2015
Eogamasomorpha hamata Wunderlich, 2017
Eogamasomorpha nubila Wunderlich, 2008
Eogamasomorpha ohlhoffi (Wunderlich, 2011)
?*Eogamasomorpha unicornis* Wunderlich, 2017
Furcembolus andersoni Wunderlich, 2008
Furcembolus armatura (Wunderlich, 2015)
Furcembolus biacuta (Wunderlich, 2015)
Furcembolus crassitibia Wunderlich, 2017
Furcembolus dissolata (Wunderlich, 2015)
Furcembolus equester (Wunderlich, 2015)
Furcembolus grossa Wunderlich, 2017
Furcembolus longior Wunderlich, 2017
Furcembolus tuberosa (Wunderlich, 2015)
Longissithorax myanmarensis Wunderlich, 2017
Longithorax furca Wunderlich, 2017
Palpalpaculla pulcher Wunderlich, 2017
Saetosoma filiembolus Wunderlich, 2012
Uniscutosoma aberrans Wunderlich, 2015
Tetragnathidae?
Thomisidae?
Theridiosomatidae
Leviunguis bruckschi Wunderlich, 2012
Theridiidae
Cretotheridion inopinatum Wunderlich, 2015
Uloboridae
Bicalamistrum mixtum Wunderlich, 2015
Burmuloborus antefixus Wunderlich, 2015
Burmuloborus parvus Wunderlich, 2008
?*Burmuloborus prolongatus* Wunderlich, 2015
Furculoborus patellaris Wunderlich, 2017
Kachin fruticosoides Wunderlich, 2017
Kachin fruticosus Wunderlich, 2017

Microuloborus birmanicus Wunderlich, 2015
Ocululoborus curvatus Wunderlich, 2012
Palaeomiagrammopes vesica Wunderlich, 2008
Paramiagrammopes cretaceus Wunderlich, 2008
Paramiagrammopes longiclypeus Wunderlich, 2015
Paramiagrammopes patellidens Wunderlich, 2015
Propterkachin magnoculus Wunderlich, 2017
†Vetiaroridae
Pekkachilus vesica Wunderlich, 2017
Vetiator gracilipes Wunderlich, 2015
~~Family *incertae sedis*~~
~~*Furcembolus andersoni* Wunderlich, 2008~~

Opiliones (3f., 3g., 3sp.)
Epedanidae
Petrobunoides sharmai Selden, Dunlop, Giribet, Zhang & Ren, 2016
†Halithersidae
Halitherses grimaldii Giribet & Dunlop, 2005
Stylocellidae
Palaeosiro burmanicum Poinar, 2008

Palpigradi (1f., 1g., 1sp.)
Eukoeneniidae
Electrokoenenia yaksha Engel & Huang, 2016

Pseudoscorpiones (4f., 3g., 3sp.)
Cheiridiidae
Electrobisium acutum Cockerell, 1917
Chernetidae
Feaellidae
Protofeaella peetersae Henderickx, 2016
Garypinidae
Amblyolpium burmiticum (Cockerell, 1920)

Ricinulei (4f., 4g., 6sp.)
†Hirsutisomidae
Hirsutisoma bruckschi Wunderlich, 2017
Hirsutisoma dentata Wunderlich, 2017
†Monooculricinuleidae
Monooculricinuleus incisus Wunderlich, 2017
Monooculricinuleus semiglobosus Wunderlich, 2017
Poliocheridae
?*Poliochera cretacea* Wunderlich, 2012
†Primoricinuleidae
Primoricinuleus pugio Wunderlich, 2015

Schizomida

Scorpiones (7f., 9g., 22sp.)
- Buthidae
  - *Archaeoananteroides maderai* Lourenço, 2016
- Chaerilidae
  - *Electrochaerilus buckleyi* Santiago-Blay, Fet, Solegrad & Anderson, 2004
- †Chaerilobuthidae
  - *Chaerilobuthus birmanicus* Lourenço, 2015
  - *Chaerilobuthus bruckschi* Lourenço, 2015
  - *Chaerilobuthus complexus* Lourenço & Beigel, 2011
  - *Chaerilobuthus enigmaticus* Lourenço, 2015
  - *Chaerilobuthus gigantosternum* Lourenço, 2016
  - *Chaerilobuthus longiaculeus* Lourenço, 2013
  - *Chaerilobuthus schwarzi* Lourenço, 2015
  - *Chaerilobuthus serratus* Lourenço, 2016
- †Palaeoburmesebuthidae
  - *Betaburmesebuthus bellus* Lourenço, 2016
  - *Betaburmesebuthus bidentatus* Lourenço, 2015
  - *Betaburmesebuthus fleissneri* Lourenço, 2016
  - *Betaburmesebuthus kobberti* Lourenço, 2015
  - *Betaburmesebuthus larafleissnerae* Lourenço, 2016
  - *Betaburmesebuthus muelleri* Lourenço, 2015
  - *Palaeoburmesebuthus grimaldii* Lourenço, 2002
  - *Palaeoburmesebuthus ohlhoffi* Lourenço, 2015
- †Palaeoeuscorpiidae
  - *Archaeoscorpiops cretacicus* Lourenço, 2015
  - *Burmesescorpiops groehni* Lourenço, 2016
- †Palaeotrilineatidae
  - *Palaeotrilineatus ellenbergeri* Lourenço, 2012
- †Sucinolourencoidae
  - *Sucinlourencous adrianae* Rossi, 2015

Solfugae (1g., 1sp.)
- Family *incertae sedis*
  - *Cushingia ellenbergeri* Dunlop, Bird, Brookhart & Bechly, 2015

Thelyphonida (1f., 2g., 2sp.)
- Thelyphonidae
  - *Mesothelyphonus parvus* Cai & Huang, 2016
- Family *incertae sedis*
  - *Burmathelyphonia prima* Wunderlich, 2015

Parasitiformes (4f., 4g., 4sp.)
- Argasidae
- Ixodidae

Amblyomma birmitum Chitimia-Dobler, Araujo, Ruthensteiner, Pfeffer & Dunlop, 2017
Compluriscutula vetulum Poinar & Buckley, 2008
Cornupalpatum burmanicum Poinar & Brown, 2003
Opilioacaridae
?*Opilioacarus groehni* Dunlop & Bernardi, 2014
Polyaspididae

Sarcoptiformes (8f.)
Archaeorchestidae
Enantioppiidae?
Eremaeidae
Gymnodameidae
Malaconothridae?
Neoliodidae
Oribatellidae
Oribotritiidae?

Trombidiformes (7f., 2g., 2sp.)
Anystidae
Bdellidae
Caeculidae
Cheyletidae
Cheyletus burmiticus Cockerell, 1917
Erythraeidae
Eupodidae
Resinacaridae
Protoresinacarus brevipedis Khaustov & Poinar, 2010
Tuckerellidae

MYRIAPODA (2c., 8o., 5f., 3g., 4sp.)

Chilopoda (3o., 1f., 1g., 1sp.)

Geophilomorpha (1f., 1g., 1sp.)
Geophilidae
Kachinophilus pereirai Bonato, Edgecombe & Minelli, 2014

Scolopendromorpha?

Scutigeromorpha

Diplopoda (5o., 4f., 2g., 3sp.)

Oniscomorpha

Polyxenida (1f., 1g., 1sp.)
Synxenidae
Phryssonotus burmiticus (Cockerell, 1917)

Polyzoniida (1f.)
Polyzoniidae

Siphoniulida (1f., 1g., 2sp.)
Siphoniulidae
Siphoniulus muelleri Liu, Rühr & Wesener, 2017
Siphoniulus preciosus Liu, Rühr & Wesener, 2017

Siphonophorida
Siphonophoridae

CRUSTACEA (1c., 2o., 2f., 1g., 1sp.)

Malacostraca (2o., 2f., 1g., 1sp.)

Decapoda

Isopoda (2f., 1g., 1sp.)
Styloniscidae?
Myanmariscus deboiseae Broly, Maillet & Ross, 2015
Tylidae

ONYCHOPHORA (1c., 1o., 1f., 1g., 1sp.)

Udeonychophora (1o., 1f., 1g., 1sp.)

Euonychophora (1f., 1g., 1sp.)
Peripatidae
Cretoperipatus burmiticus Grimaldi & Engel, 2002

MOLLUSCA (2c., 2o., 2f., 1g., 1sp.)

Bivalvia (1o., 1f., 1g., 1sp.)

Myoida (1f., 1g., 1sp.)
Pholadidae (crypts)
Palaeoclavaria burmitis Poinar & Brown, 2003

Gastropoda (1o., 1f.)

Panpulmonata (1f.)
Punctidae

NEMATODA (3c., 4o., 5f., 6g., 7sp.)

Chromadorea (1o., 2f., 3g., 3sp.)

Rhabditida (2f., 3g., 3sp.)
Cosmocercidae
Palaeocosmocerca burmanica Poinar, 2011
Heterorhabditidae Poinar, 1975
Proheterorhabditis burmanicus Poinar 2011
Family *incertae sedis*
Cretodiplogaster termitophilous Poinar, 2011

Enoplea (1o., 1f., 1g., 2sp.)

Mermithida (1f., 1g., 2sp.)
Mermithidae
Cretacimermis chironomae Poinar, 2011
Cretacimermis protus Poinar & Buckley, 2006
~~*Heleidomermis cataloniensis* Poinar & Monteys, 2008~~ [Recent]

Secernentea (2o., 2f., 2g., 2sp.)

Oxyurida (1f., 1g., 1sp.)
Thelastomatidae
Paleothelastoma tipulae Poinar, 2011

Aphelenchida (1f., 1g., 1sp.)
Aphelenchoididae
Cretaciaphelenchoides burmensis Poinar, 2011
~~*Cretodiplogaster termitophilous* Poinar, 2011~~

NEMATOMORPHA (1c., 1o., 1f., 1g., 1sp.)

Gordioidea (1f., 1g., 1sp.)
Chordodidae
Cretachordodes burmitis Poinar & Buckley, 2006

PLATYHELMINTHES (1c.)

Trematoda

VERTEBRATA (2c., 3o., 3f., 1g., 1sp.)

Amphibia (1o.)

Anura

Reptilia (2o., 3f., 1g., 1sp.)

Squamata (3f., 1g., 1sp.)
- Agamidae
- Chamaeleonidae
- Gekkonidae?
  - *Cretaceogekko burmae* Arnold & Poinar, 2008

Theropoda (incl. Aves, Enantiornithes)

PROTISTA (10c., 10o., 12f., 20g., 21sp.)

Aconoidasida (1o., 1f., 1g., 1sp.)

Haemosporida (1f., 1g., 1sp.)
- Plasmodiidae (=Plasmodidae)
  - *Paleohaemoproteus burmacis* Poinar & Telford, 2005

Alphaproteobacteria (1o., 1f., 1g., 1sp.)

Rickettsiales (1f., 1g., 1sp.)
- Rickettsiaceae
  - *Palaeorickettsia protera* Poinar, 2014

Amoebozoa

Anaeromonadea (1o., 2f., 6g., 7sp.)

Oxymonadida (2f., 6g., 7sp.)
- Oxymonadidae
  - *Microrhopalodites polynucleatis* Poinar, 2009

Oxymonas gigantea Poinar, 2009
Oxymonas protus Poinar, 2009
Oxymonites gerus Poinar, 2009
Sauromonites katatonis Poinar, 2009
Pyrsonymphidae
Dinenymphites spiris Poinar, 2009
Pyrsonymphites cordylinis Poinar, 2009

Conoidasida (1o., 1f., 1g., 1sp.)

Eugregarinorida (1f., 1g., 1sp.)
Monoductidae
Primigregarina burmanica Poinar, 2010

Kinetoplastida (1o., 1f., 2g., 2sp.)

Trypanosomatida (1f., 2g., 2sp.)
Trypanosomatidae
Paleoleishmania proterus Poinar & Poinar 2004
Paleotrypanosoma burmanicus Poinar, 2008

'Sarcodina' (1g., 1sp.)
Family *incertae sedis*
Endamoebites proterus Poinar, 2009

Mesomycetozoea (1o., 1f., 1g., 1sp.)

Eccrinales (1f., 1g., 1sp.)
Eccrinaceae
Paleocadus burmiticus Poinar, 2016

Trichomonadea (3o., 2f., 4g., 4sp.)

Cristamonadida (1f., 2g., 2sp.)
Devescovinidae
Devescovites proteus Poinar, 2009
Foainites icelus Poinar, 2009

Spirotrichonymphida (1f., 1g., 1sp.)
Holomastigotidae
Spiromastigites acanthodes Poinar, 2009

Trichomonadida (1g., 1sp.)
Family *incertae sedis*
Paleotrichomones burmanicus Poinar, 2009

Trichonymphea (1o., 3f., 3g., 3sp.)

Trichonymphida (3f., 3g., 3sp.)
†Burmanymphidae
Burmanymphus cretacea Poinar, 2009
Teranymphidae
Teranymphites rhabdotis Poinar, 2009
Trichonymphidae
Trichonymphites henis Poinar, 2009

PLANTAE (6c., 10o., 12f., 19g., 24sp.)

Angiospermae (4o., 4f., 9g., 10sp.)

Cornales (1f., 1g., 1sp.)
Cornaceae
Eoëpigynia burmensis Poinar, Chamber & Buckley, 2007

Oxalidales (1f., 1g., 1sp.)
Cunoniaceae?
Tropidogyne pikei Chambers, Poinar & Buckley, 2010

Laurales (2f., 3g., 3sp.)
Lauraceae
Cascolaurus burmitis Poinar, 2016
Monimiaceae?
Palaeoanthella huangii Poinar & Chambers, 2005
Family *incertae sedis*
Jamesrosea burmensis Crepet, Nixon, Grimaldi & Riccio, 2016

Poales (1g., 2sp.)
Family *incertae sedis*
Programinis burmitis Poinar, 2004
Programinis laminatus Poinar, 2004

Order *incertae sedis* (3g., 3sp.)
Family *incertae sedis*
Antiquifloris latifibris Poinar, Buckley & Chen, 2016
Lachnociona terriae Poinar, Chambers & Buckley, 2008

Micropetasos burmensis Poinar, Chambers & Wunderlich, 2013

Bryopsida (2o., 2g., 5sp.)

Dicranales (s.l.) (1g., 1sp.)
Family *incertae sedis*
Calymperites burmensis Heinrichs, Schäf.-Verw., Hedenäs, Ignatov & A.R. Schmidt, 2014.

Hypnodendrales (1g., 4sp.)
Family *incertae sedis*
Vetiplanaxis espinosus Hedenäs, Heinrichs & A.R. Schmidt, 2014
Vetiplanaxis longiacuminatus Hedenäs, Heinrichs & A.R. Schmidt, 2014
Vetiplanaxis oblongus Hedenäs, Heinrichs & A.R. Schmidt, 2014
Vetiplanaxis pyrrhobryoides N.E. Bell, 2007

Jungermanniopsida (1o., 3f., 4g., 6sp.)

Porellales (3f., 4g., 6sp.)
Frullaniaceae
Frullania baerlocheri Heinrichs, M.E. Reiner, Feldberg, von Konrat, Hentschel, Váňa & A.R. Schmidt, 2011
Frullania cretacea Hentschel, A.R. Schmidt & Heinrichs, 2009
Frullania pinnata Heinrichs, Feldberg, Schäf.-Verw. & Krings, 2017
Protofrullania cornigera Heinrichs, 2017
Lepidolaeanaceae
Gackstroemia cretacea Heinrichs, Schäf.-Verw., Feldberg, & A.R. Schmidt, 2014
Radulaceae
Radula cretacea Bechteler, M.A.M. Renner, Schäf.-Verw. & Heinrichs, 2017

Marchantiopsida (1o., 1f.)

Marchantiales (1f.)
Marchantiaceae?

Pinopsida (1o., 2f., 1g.)

Pinales (2f., 1g.)
Araucariaceae
Cupressaceae
Metasequoia sp.

Pteridopsida (1o., 2f., 3g., 3sp.)

Polypodiales (2f., 3g., 3sp.)
- Denntstaedtiaceae
  - *Krameropteris resinatus* H. Schneid., A.R. Schmidt & Heinrichs, 2016
- Lindsaeaceae
- Family *incertae sedis*
  - *Cretacifilix fungiformis* Poinar & Buckley, 2008
  - *Holttumopteris burmensis* L.Regalado, H.Schneid., M. Krings & Heinrichs, 2017

FUNGI (2c., 3o., 3f., 6g., 6sp.)

Agaricomycetes (2o., 1f., 2g., 2sp.)

Agaricales (1g., 1sp.)
- Family *incertae sedis*
  - *Palaeoagaracites antiquus* Poinar & Buckley, 2007

Boletales (1f., 1g., 1sp.)
- Sclerodermataceae
  - *Palaeogaster micromorpha* Poinar, Alfredo & Baseia, 2014

Sordariomycetes (1o., 2f., 4g., 4sp.)

Hypocreales (2f., 4g., 4sp.)
- Clavicipitaceae
  - *Palaeoclaviceps parasticus* Poinar, Alderman & Wunderlich, 2015
- Ophiocordycipitaceae
  - *Palaeoophiocordyceps coccophagus* Sung, Poinar & Spatafora, 2008
- Family *incertae sedis*
  - *Entropezites patricii* Poinar & Buckley, 2007
  - *Mycetophagites atrebora* Poinar & Buckley, 2007

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