

Burmese (Myanmar) amber taxa, on-line checklist v.2017.4

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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 December 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 It does not contain unpublished records or records from papers in press (including on-line proofs) or unsubstantiated on-line records.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.2017.3) are marked in **blue**, corrections are marked in **red**.

The list comprises 35 classes (or similar rank), 91 orders (or similar rank), 429 families, 668 genera and 870 species. This includes 7 classes, 57 orders, 389 families, 612 genera and 805 species of arthropods.

In this version, for the non-parasitiform mites I have reverted from the 2 order (Sarcoptiformes and Trombidiformes) to 1 order (Acariformes) classification following the recent review of Burmese amber arachnids by Selden & Ren (2017).

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
- Dictynidae
- Erythraeidae
- Linyphiidae
- Liphistidae
- Nephilidae
- ~~Oehyroceratidae~~
- Olpiidae
- Pisauridae
- †Salticoididae
- Sironidae
- Thomisidae

Plantae

- Hypnodendraceae

The list by Guo *et al.* (2017) includes additional information on type specimens. However, 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., 300f., 487g., 580sp.)

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

Diplura (1f.)

Campodeidae

Entomobryomorpha (3f., 8g., 9sp.)

Isotomidae

Burmisotoma lamellifera Christiansen & Nascimbene, 2006

Proisotoma petterssonae 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

Symphyleona (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., 294f., 474g., 566sp., 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 (3f., 4g., 4sp.)

†Australiphemeridae

Nanophemera myanmarensis McCafferty & Santiago-Blay, 2009

Baetidae

Vetuformosa buckleyi Poinar, 2011

Prosopistomatidae

Proximicorneus rectivenius Lin, Shih & Ren, 2017

Family *incertae sedis*

Myanmarella rossi Sinitshenkova, 2000

Odonata (13f., 22g., 27sp.)

†Burmacoenagrionidae

Burmachistigma cheni Zheng, Nel, Zhang, Chang, Jarzembowski, Zhuo & Wang, 2017

Burmacoenagrion pretiosus Zheng, Nel, Zhang, Chang, Jarzembowski, Zhuo & Wang, 2017

Burmagrion marijanmatoki Möstel, Schorr & Bechly, 2017

Electrocoenagrion elongatum Zheng, Nel, Zhang, Chang, Jarzembowski, Zhuo & Wang, 2017

Electrocoenagrion forficatum Zheng, Nel, Zhang, Chang, Jarzembowski, Zhuo & Wang, 2017

†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

Palaeodysagrion youlini Zheng, Chang & Chang, 2017

Gomphaeschnidae

Cretagomphaeschnaoides jarzembowskiae Zheng, Jarzembowski, Chang & Wang, 2016

Gomphidae

Burmalindenia imperfecta Schädel & Bechly, 2016

Hemiphlebiidae

Burmahemiphlebia zhang Zheng, Zhang, Nel, Jarzembowski, Zhou, Chang & Wang, 2016

†Mesomegaloprepidae

Mesomegaloprepus magnificus Huang, Azar, Cai, Maksoud, Nel, & Bechly, 2017

†Paracoryphagrionidae

Paracoryphagrion deltoides Zheng, Nel & Wang, 2017

Perilestidae

Palaeoperilestes electronicus Zheng, Wang, Jarzembowski, Chang & Nel, 2016

Platycnemididae

*Cretadisparoneura hong*i Huang, Azar, Cai & Nel, 2015

Palaeodisparoneura burmanica Poinar, Bechly & Buckley, 2010

Palaeodisparoneura cretacea 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 burmanica Huang, Azar, Cai & Nel, 2015

Mesosticta electronica Zheng, Zhang, Chang & Wang, 2016

~~Family incertae sedis~~

~~*Burmagrion marijanmatoki* Möstel, Schorr & Bechly, 2017~~

†Aethiocarenodea (1f., 1g., 1sp.)

†Aethiocarenidae

Aethiocarenum burmanicus Poinar & Brown, 2016

†Alienoptera (1f., 1g., 1sp.)

†Alienopteridae

Alienopterus brachyelytrus Bai, Beutel, Klass, Wipfler & Zhang, 2016

Blattodea (incl. Isoptera) (10f., 12g., 13sp.)

†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)

†Olidae

Ol xiai Vršanský & Wang, 2017

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., 6sp.)
 Zorotypidae
 Zorotypus acanthothorax Engel & Grimaldi, 2002
 Zorotypus cenomanianus Yin, Cai & Huang, 2017
 Zorotypus cretatus Engel & Grimaldi, 2002
 Zorotypus denticulatus Yin, Cai & Huang, 2017
 Zorotypus nascimbenei Engel & Grimaldi, 2002
 Xenozorotypus burmiticus Engel & Grimaldi, 2002

 Hemiptera (38f., 51g., 57sp.)
 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 (=Burmitaphididae)
Burmitaphis prolatum Poinar & Brown, 2005
Caulinus burmitis Poinar & Brown, 2005
Tanyaulus caudisetula Poinar, 2017
Cicadellidae
Priscacutius denticulatus Poinar & Brown, 2017
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 prolataantennus* Poinar, 2017~~
†Juraphididae (=Isolitaphidae)
Isolitaphis prolataantennus Poinar, 2017
Prolavexillaphis munditia Liu, Qiao & Yao, 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

- Burmorthesia kotejai* Vea & Grimaldi, 2012
- Burmorthesia insolita* Vea & Grimaldi, 2012
- Wathondara kotejai* Simon, Szwedó & 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

- Protopsyllidium rebecca* Grimaldi, 2003

Pseudococcidae

- Gilderius eukrinops* Vea & Grimaldi, 2015

Reduviidae

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

Velocipedidae

- Aphrastomedes anthocoroides* Yamada & Yamamoto, 2017

†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, Bourgoïn & Nel, 2016.

Psocoptera (8f., 9g., 14sp.)

†Archaeatropidae

Archaeatropos perantiqua (Cockerell, 1919)
 Compsocidae
Burmacompsocus banksi (Cockerell, 1916)
Burmacompsocus perreaui Nel & Waller, 2007
Paraelectrentomopsis chenyangcai 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
 Prionoglarididae
Palaeosiamoglaris burmica Azar, Huang & Nel, 2017
Palaeosiamoglaris inexpectata Azar, Huang & Nel, 2017
Palaeosiamoglaris leinhardi Azar, Huang & Nel, 2017
 Psyllipsocidae
Annulipsyllipsocus andreneli Hakim, Azar, Maksoud, Huang & Azar, 2017
Annulipsyllipsocus inexpectatus Hakim, Azar, Maksoud, Huang & Azar, 2017
 Trogiidae

 Thysanoptera (2f.)
 Aeolothripidae
 Thripidae

 Coleoptera (62f., 94g., 105sp.)
 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 clevelyi Jarzembowski, Wang & Zheng, 2017
Mallecupes qingqingae Jarzembowski, Wang & Zheng, 2016
 ‘*Notocupes*’ sp.
Tetraphalerus lindae Jarzembowski, Wang & Zheng, 2017
 Curculionidae (=Platypodidae, Scolytidae)
Anchineus dolichobothris Poinar & Brown, 2009
Burmorhinus georgei Legalov, 2017
Cryphalites rugosissimus Cockerell, 1917
Microborus inertus Cognato & Grimaldi, 2009
Palaeocryptorhynchus burmanus Poinar, 2009
 Dermestidae
Attagenus burmiticus Cai, Háva & Huang, 2016
Attagenus lundi Háva & Damgaard, 2017
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 gyalommmus Poinar, Brown & Legalov, 2016
Mesophyletis calhouni Poinar, 2006
 Jacobsoniidae
Derolathrus abyssus Yamamoto & Parker, 2017
Sarothrias cretaceus Cai, Ślipiński, Leschen, Yin, Zhuo & Huang, 2017
 Kateretidae
Furcalabratum burmanicum Poinar & Brown, 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
Clessidromma palmeri Jarzembowski, Wang & Zheng, 2017
Omma lii Jarzembowski, Wang & Zheng, 2016
Paraodontomma burmitica Yamamoto, 2017
Stegocoleus caii Jarzembowski & Wang, 2016

Passalidae

Ceracyclus jirouxi Boucher, Bai & Montreuil, 2017
Ceracyclus lotus Boucher, Bai & Montreuil, 2017

†Passalopalpidae

Passalopalpus cheni Boucher, Bai & Zhang, 2016

Prostomidae

Vetuprostomis consimilis Engel & Grimaldi, 2008

Ptiliidae

Ptinidae (=Anobiidae)

Ptilodactylidae

Aphobodactyla rhetine Chatzimanolis, Cashion, Engel & Falin, 2012

Rhipiphoridae (=Rhipiphoridae)

Cretaceoripidius burmiticus (Cockerell, 1917)
Flabellotoma heidia Batelka, Prokop & Engel, 2016
Paleoripiphorus cf. *deploegi* Perrichot, Nel & Neraudeau, 2004 (in Batelka *et al.*, 2016)
Spinotoma ruicheni Hsiao & Huang, 2017

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
 Kuafu borealis Yin, Cai & Huang, 2017
 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 tianmiaoe 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
 Scydmbisetia vetutissima Jałoszyński & Yamamoto, 2016

- Vetudasycerus burmiticus* Cai, Thayer, Newton, Yin & Huang, 2017
Vetuproteinus cretaceus Cai, Newton & Thayer, 2016
- Tetratomidae
Cretosynstrophus archaicus Cai, Hsiao & Huang, 2016
Thescelostrophus cretaceus Yu, Hsiao, Ślipiński, 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., 97g., 124sp.)
- Acroceridae
Schlingeromyia minuta Grimaldi & Hauser, 2011
- Anisopodidae
- Apsilocephalidae
Burmapsilocephala cockerelli Gaimari & Mostovski, 2000
Burmapsilocephala evocoa Grimaldi, 2016
Irwinimyia spinosa Zhang, Li, Wang & Yeates, 2017
Kumaromyia burmitica Grimaldi & Hauser, 2011
Myanmarpsilocephala grimaldii Zhang, Li, Wang & Yeates, 2017
- 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 & Gilka, 2014
Archiculicoides burmiticus (Szadziewski & Poinar, 2005)

- Austroconops asiaticus* Szadziewski, 2004
Leptoconops burmiticus Szadziewski, 2004
Leptoconops ellenbergeri Szadziewski, Gilka & 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 brevisculus* Lukasevitch, 2000
 ?*Chaoburmus victimaartis* Lukasevitch, 2000
- †Chimeromyiidae
- Chimeromyia burmitica* Grimaldi & Cumming, 2009
- Chironomidae
- Furcobuchonomyia pankowskii* Gilka & Zakrzewska, 2017
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* Cockerell, 1917
Cretoplatypalpus? sp.
- †Eremochaetidae
- Zhenia xiai* Zhang, Zhang, Feng, Zhang & Wang, 2015
- †Eucaudomyiidae
- Eucaudomyia longicerci* Grimaldi, 2016
- Hybotidae
- Alavesia* sp.
Electrocyrtona burmanicum Cockerell, 1917
- Keroplastidae
- 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 & Szewdo, 2014
Dicranoptycha fragmentata Krzeminski, 2004
Dicranoptycha plicativa Gao, Shih & Ren, 2015
Gonomyia sp.
Heliopsis 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 davisii 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. *richterai* 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 zhangii Zhang, Zhang & Wang, 2016
Psilocephala electrella Cockerell, 1920

Hymenoptera (41f., 73g., 93sp.)

Ampulicidae

Apodolichurus diaphanus Antropov, 2000
Apodolichurus sphaerocephalus Antropov, 2000
Cretampulex gracilis Antropov, 2000
Mendampulex monilicularis Antropov, 2000

†Aptenoperissidae

Aptenoperissus amabilis Zhang & Rasnitsyn, 2017
Aptenoperissus burmanicus Rasnitsyn & Poinar, 2016
Aptenoperissus delicatus Zhang & Rasnitsyn, 2017
Aptenoperissus formosus Zhang & Rasnitsyn, 2017

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 janovitzii Barden & Grimaldi, 2016

Ceratomyrmex ellenbergeri Perrichot, Wang & Engel, 2016

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 subcuspidis (Barden & Grimaldi, 2014)

Gerontoformica tendir (Barden & Grimaldi, 2014)

Haidomyrmex cerberus Dlussky, 1996

Haidomyrmex scimitarus Barden & Grimaldi, 2012

Haidomyrmex zigrasi Barden & Grimaldi, 2012

Linguamyrmex vladi Barden & Grimaldi, 2017

Myanmyrma gracilis Engel & Grimaldi, 2005

Zigrasimecia ferox Perrichot, 2014

Zigrasimecia tonsora Barden & Grimaldi, 2013

†Gallorommatidae

Galloromma kachinensis Engel & Grimaldi, 2007

Gasteruptionidae

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

Burmainetsha concava Perrichot, 2013

Maimetshasia kachinensis Perrichot, 2013

Megalyridae

Megaspilidae

†Melittosphecidae

Melittosphecx burmensis Poinar & Danforth, 2006

†Myanmarinidae

Myanmarina kachin Zhang & Rasnitsyn, 2017
Myanmarina lahu Zhang & Rasnitsyn, 2017
Myanmarina lisu Zhang & Rasnitsyn, 2017
Mymaridae
 Myanmymar aresconoides Huber, 2011
Mymarommatidae
 Archaeromma gibsoni Engel & Grimaldi, 2007
†Othniodellithidae
 Othniodellitha mantichora Engel & Huang, 2016
 Xenodellitha preta Engel, 2017
Pelecinidae
 Abropelecinus tythus 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
 Phoriestephanus exilis Engel & Huang, 2016
†Stigmaphronidae
 Burmaphron tridentatum Engel & Grimaldi, 2009
 Burmaphron prolatum Engel & Grimaldi, 2009
†Syspastroxyelidae
 Syspastroxyela raphidia Engel & Huang, 2016
Tiphidae
 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 (4f., 2g., 4sp.)

Douglasiidae

Tanyglossus orectometopus Poinar, 2017

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., 40g., 44sp.)

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

Jersiberothera tauberorum Engel & Grimaldi, 2008
Maculaberothera nervosa Yuan, Ren & Wang, 2016
Magniberothera recurrens Yuan, Ren & Wang, 2016
Systemoberothera magillae Engel & Grimaldi, 2008
Telistoberothera libitina Engel & Grimaldi, 2008

Chrysopidae

Coniopterygidae

Achlyoconis heptatrachia 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
~~*Cretanallaeus 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 jiaxiaoe 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

Rachiberotheridae

Creagroparaberotha groehni Makarkin, 2015
Eorhachiberotha burmitica Engel, 2004
Micromantispa cristata Shi, Ohl, Wunderlich & Ren, 2014
Scoloberothes necatrix Engel & Grimaldi, 2008

Sisyridae

Paradoxosisyra groehni Makarkin, 2016

Family incertae sedis

Burmopsyrops groehni Makarkin, 2016
Burmopsyrops limoae Lu, Zhang & Liu, 2016
Cretanallachus magnificus Huang, Azar, Cai, Garrouste & Nel, 2015
Oligopsyropsis penniformis Chang, Fang, Shih, Ren & Wang, 2017

Raphidioptera (1f., 4g., 5sp.)

†Mesoraphidiidae

Burmoraphidia reni Liu, Lu & Zhang, 2016
Dolichoraphidia aspoeki 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, Müller & Wang, 2017
Kinitocelis divisonotata Mey, Wichard, Müller & Wang, 2017
Kinitocelis hennigi Mey, Wichard, Müller & Wang, 2017
Tarachocelis microlepidoptera Mey, Wichard, Müller & Wang, 2017

Trichoptera (6f., 7g., 12sp.)

†Dysoneuridae

Burmopsyche comosa Wichard, Neumann, Müller & Wang, 2017
Burmopsyche palpifurcata Wichard, Neumann, Müller & Wang, 2017
Cretapsyche circula Wichard, Neumann, Müller & Wang, 2017
Cretapsyche elegans Wichard, Neumann, Müller & Wang, 2017
Cretapsyche insueta Wichard, Neumann, Müller & Wang, 2017

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, 12o., 81f., 120g., 219sp.)

Arachnida (12o., 81f., 120g., 219sp.)

Acariformes (15f., 2g., 2sp.)

Anystidae
Archaeorchestidae
Bdellidae
Caeculidae
Cheyletidae
Cheyletus burmiticus Cockerell, 1917
Enantioppiidae?
Eremaeidae
Erythraeidae
Eupodidae
Gymnodameidae
Malaconothridae?

Neoliodidae
Oribatellidae
Oribotritiidae?
Resinacaridae

Protoresinacarus brevipedis Khaustov & Poinar, 2010
Tuckerellidae

Amblypygi (1g., 3sp.)

Family *incertae sedis*

Kronocharon engeli Wunderlich, 2015
Kronocharon longicalcaris Wunderlich, 2015
Kronocharon prendinii Engel & Grimaldi, 2014

Araneae (37f., 87g., 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
?Eomysmauchenius longissipes (Wunderlich, 2015)
Planarchaea kopp Wunderlich, 2015
Planarchaea oblonga Wunderlich, 2017
Planarchaea ovata Wunderlich, 2017
?Planarchaea paucidentata (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
 Cethegoides patricki Wunderlich, 2017
 Phyxioschemoides collembola Wunderlich, 2015
 †Eopsilodercidae
 Eopsilodermes filiformis (Wunderlich, 2012)
 Eopsilodermes loxosceloides Wunderlich, 2008
 Eopsilodermes serenitas Wunderlich, 2015
 Loxodermes curvatus Wunderlich, 2017
 Loxodermes longicymbium Wunderlich, 2017
 Loxodermes 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
 Cymbiolagonops 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
- †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?
- Ochyroceratidae
- Oecobiidae
Retroecobius chomskyi Wunderlich, 2015
'Retroecobius' 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
Parvithete muelleri Wunderlich, 2017
Parvithete spinipes Wunderlich, 2017
Pulvillothete haupti Wunderlich, 2017
- †Pholcochyroceridae
Automiana hirsutipes Wunderlich, 2015
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~~
Biapophysys 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
Proterpsilodermes longisetae Wunderlich, 2015

Segestriidae

Denticulsegestia rugosa Wunderlich, 2015
Myansegestia caederens Wunderlich, 2015
Myansegestia 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

Telemidae

?*Telemofila crassifemoralis* Wunderlich, 2017

Tetramblemmidae

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

Opiliones (4f., 4g., 5sp.)

Epedanidae

Petrobunoides sharmai Selden, Dunlop, Giribet, Zhang & Ren, 2016

†Halithersidae

Halitherses grimaldii Giribet & Dunlop, 2005

†[Monooculricinuleidae](#)

Monooculricinuleus incisus Wunderlich, 2017
Monooculricinuleus semiglobosus Wunderlich, 2017

Stylocellidae

Palaeosiro burmanicum Poinar, 2008

Palpigradi (1f., 1g., 1sp.)

Eukoeneriidae

Electrokoeneria yaksha Engel & Huang, 2016

Parasitiformes (5f., 5g., 5sp.)

Argasidae

†Deinocrotonidae

Deinocroton draculi Peñalver, Arillo, Anderson & Fuente, 2017

Ixodidae

Amblyomma biritum Chitimia-Dobler, Araujo, Ruthensteiner, Pfeffer & Dunlop, 2017

Compluriscutula vetulum Poinar & Buckley, 2008

Cornupalpatum burmanicum Poinar & Brown, 2003

Opilioacaridae

?*Opilioacarus groehni* Dunlop & Bernardi, 2014

Polyaspididae

Pseudoscorpiones (8f., 3g., 3sp.)

Atemnidae

Cheiridiidae

Electrobisium acutum Cockerell, 1917

Chernetidae

Chthoniidae

Feaellidae

Protofeaella peetersae Henderickx, 2016

Garypinidae

Amblyolpium burmiticum (Cockerell, 1920)

Hyidae

Ideoroncidae?

Ricinulei (3f., 3g., 5sp.)

†Hirsutisomidae

Hirsutisoma acutiformis Wunderlich, 2017

Hirsutisoma bruckschi Wunderlich, 2017

Hirsutisoma dentata Wunderlich, 2017

†~~Monoöculricinuleidae~~

~~*Monoöculricinuleus incisus* Wunderlich, 2017~~

~~*Monoöculricinuleus semiglobosus* Wunderlich, 2017~~

†Poliocheridae

?*Poliochera cretacea* Wunderlich, 2012

†Primoricinuleidae

Primoricinuleus pugio Wunderlich, 2015

Schizomida

Scorpiones (7f., 10g., 25sp.)

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 joergi Lourenço, 2017

Betaburmesebuthus kobberti Lourenço, 2015

Betaburmesebuthus larafleissnerae Lourenço, 2016

Betaburmesebuthus muelleri Lourenço, 2015

Palaeoburmesebuthus grimaldii Lourenço, 2002

Palaeoburmesebuthus longipalpis Lourenço, 2017

Palaeoburmesebuthus ohlhoffi Lourenço, 2015

Spinoburmesebuthus pohli Lourenço, 2017

†Palaeoscorpidae

Archaeoscorplops cretacicus Lourenço, 2015

Burmesescorplops 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

MYRIAPODA (3c., 9o., 6f., 4g., 5sp.)

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

Geophilomorpha (1f., 1g., 1sp.)

Geophilidae

Kachinophilus pereirai Bonato, Edgecombe & Minelli, 2014

Scolopendromorpha?

Scutigerozoa

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

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

Symphylida

Scolopendrellidae

Symphylella patrickmuelleri Moritz & Wesener, 2017

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., 8sp.)

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., 3sp.)

Mermithida (1f., 1g., 3sp.)

Mermithidae

Cretacimermis aphidophilus Poinar, 2017

Cretacimermis chironomae Poinar, 2011

Cretacimermis protus Poinar & Buckley, 2006

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

Oxyurida (1f., 1g., 1sp.)

Thelastomatidae

Paleothelastoma tipulae Poinar, 2011

Aphelenchida (1f., 1g., 1sp.)

Aphelenchoididae

Cretaciaphelenchoides burmensis 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.)
Devescovididae
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., 13f., 20g., 27sp.)

Angiospermae (4o., 4f., 9g., 11sp.)

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

Oxalidales (1f., 1g., 2sp.)

Cunoniaceae

Tropidogyne pentaptera Poinar & Chambers, 2017

Tropidogyne pikei Chambers, Poinar & Buckley, 2010

Laurales (2f., 3g., 3sp.)

Lauraceae

Cascolaurus burmitis Poinar, 2016

Monimiaceae?

Palaeoanthea 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, Vána & 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., 3f., 4g., 4sp.)

- Polypodiales (3f., 4g., 4sp.)
 Cystodiaceae
Cystodium sorbifolioides L.Regalado, A.R.Schmidt, H.Schneid., M.Krings & Heinrichs,
 2017
 Dennstaedtiaceae
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*

Entopezites patricii Poinar & Buckley, 2007

Mycetophagites atrebora Poinar & Buckley, 2007

Papers published on Burmese amber since 1995

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