

Burmese (Myanmar) amber taxa, on-line supplement v.2025.1

Andrew J. Ross

10/09/2025

Department of Natural Sciences, National Museum of Scotland, Chambers St., Edinburgh EH1 1JF, UK.
a.ross@nms.ac.uk

This taxonomic list is a supplement to Ross (2025). It includes taxa described or recorded from Burmese amber (Kachin, Hkamti and Tilin ambers) from the beginning of January 2025 up to the end of August 2025, plus one species that was described in 2021 that was missed. Please note that only higher taxa which include new taxa or changed/corrected records are listed below.

New additions or changes are marked **in blue**. As per the previous on-line checklists, in the bibliography, page numbers have been added (in blue) to those papers that were published on-line previously without page numbers. For *Cretaceous Research*, volumes 168-175 were completed and published from January to August 2025.

The total numbers of taxa described or recorded from Kachin amber up to the end of August 2025 (excluding trace fossils and marine encrusters) are: 51 classes (or similar rank), 132 orders (or similar rank), 739 families, 1932 genera and 3117 species. This includes 8 classes, 66 orders, 660 families, 1795 genera and 2916 species of arthropods. The totals for Hkamti amber are: 6 classes, 15 orders, 18 families, 24 genera and 25 species, and for Tilin amber: 3 classes, 9 orders, 15 families, 5 genera and 2 species. In addition there are 32 insect species from locality unknown.

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).

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

Ross, A.J. 2025. *Burmese (Myanmar) amber taxa, on-line supplement v.2025.1*. 24pp.
<https://www.nms.ac.uk/profile/dr-andrew-ross>

Kachin amber

HEXAPODA (2 classes, 31 orders, 498 families, 1512 genera, 2351 species)

Insecta (27o., 489f., 1497g., 2335sp.)

Palaeoptera (2o., 31f., 50g., 66sp.)

Ephemeroptera (11f., 13g., 18sp.)

Baetidae

Zhoucloeon changfai Chen, Zheng & Jiang, 2025

Heptageniidae

~~*Burmaheptagenia zhouchangfai* Chen & Zheng, 2023~~

Vietnamellidae

Burmella clypeata Godunko, Martynov & Staniczek, 2021

Burmella inconspicua Godunko & Staniczek, 2025

Burmella zhouchangfai (Chen & Zheng, 2023)

Odonata s.l. (20f., 37g., 48sp.)

†Burmacoenagrionidae

Electrocoenagrion rarissimum Liu, Ren & Yang, 2025

Polyneoptera (8o., 61f., 203g., 270sp.)

Dictyoptera (including †Aethiocarenodea, †Alienoptera, Blattodea, Isoptera, Mantodea) (28f., 95g., 120sp.)

†Arceotermitidae

Arceotermes bellator Jouault, Smith & Engel, 2025

†Blattulidae

Elisama kacerovae Sendi, 2025

†Liberiblattinidae

Compostus supremus Vršanský, 2025

†Umenocoleidae

Chunxiangus shii Luo, Xiao & Luo, 2025

Family *incertae sedis*

Burmavenator ornatus Shcherbakov & Minaev, 2025

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

†Zygogrylloblattidae

Zygogrylloblatta longipalpa Peng, Engel, Boderau, Legendre, Liu, Nyunt, Wang & Nel, 2025

Orthoptera (10f., 41g., 50sp.)

†Burmecaelidae

Burmecaelinus yungyenwangae Schall, Cumming, Lian & Husemann, 2025

†Elcanidae

Adelphellca zhengi (Gu, Tian & Ren, 2022)

Ellca oblica Li, Wu, Nel & Xu, 2025

Kachinelcana elongata Li, Wu, Nel & Xu, 2025

Pseudopanorpidium maculosum (Zhou Xu, Jarzembowski & Xiao, 2022) 2022).

Pseudoprobaiselcana oculata (Hu & He, 2023)

Mogoplistidae

Protomogoplistes inflatus Ji, Nel, Xu, Zhou & Xiao, 2025

Ripterygidae

Yakkhapteryx gracilis (Gu, Zheng, Cao & Yue, 2022)

Yakkhapteryx mirus (Gu, Zheng, Cao & Yue, 2022)

Family incertae sedis

Fortigryllus xiangrui Ji, Nel, Xiao, Gorochoy, Jarzembowski, Ma & Xu, 2025

Plecoptera (6f., 22g., 36sp.)

†Crossoperlidae

Crossoperla teslenkoae Chen, 2025

Peltoperlidae (=†Petroperlidae)

Branchioperla ianstewarti Sroka & Staniczek, 2019

Graciloperla bulbosa Chen, Sroka, Kamp & Staniczek, 2025

Graciloperla stylata Chen, Sroka, Kamp & Staniczek, 2025

Lapisperla keithrichardsi Sroka, Staniczek & Kondratieff, 2018

Ovaloperla staniczeki Chen & Xu, 2022

Petroperla mickjaggeri Sroka, Staniczek & Kondratieff, 2018

Perlidae

Largusoperla vena Chen & Figueroa, 2025

†Petroperlidae

~~*Branchioperla ianstewarti* Sroka & Staniczek, 2019~~

~~*Lapisperla keithrichardsi* Sroka, Staniczek & Kondratieff, 2018~~

~~*Ovaloperla staniczeki* Chen & Xu, 2022~~

~~*Petroperla mickjaggeri* Sroka, Staniczek & Kondratieff, 2018~~

Paraneoptera (4o., 100f., 236g., 335sp.)

Hemiptera (81f., 198g., 266sp.)

Aradidae

Cretozemira gregori Heiss, 2025

Shaykayatcoris michalskii Kóbor & Szabó, 2025

Blissidae

Prostoblissus primigenius Boderau, Nel & Engel, 2025

†Dinglidae

~~*Allocopterus anomeotarsus* Poinar & Brown, 2020~~

~~*Dingla shagria* Szwedo & Drohojowska, 2020~~

†Liadopsyllidae

Amecephala micra Drohojowska, Hakim, Huang & Szwedo, 2025

†~~Malmopsyllidae~~

~~*Burmala liaoyaoi* Liu, Wang, Zhuo & Chen, 2021~~

~~*Mirala burmanica* Burckhardt & Poinar, 2019~~

†Mimarachnidae

Trichotomus zhuowenxii Wang, Zhuo, Luo & Chen, 2025

Trichotomus zhuoyuanshengi Wang, Zhuo, Luo & Chen, 2025

Miralidae (=†Dinglidae)

Alloeopterus anomeotarsus Poinar & Brown, 2020

Burmala liaoyaoi Liu, Wang, Zhuo & Chen, 2021

Dingla shagria Szwedo & Drohojowska, 2020

Mirala burmanica Burckhardt & Poinar, 2019

Pictala scorpioides Ivanov, Vorontsov & Shcherbakov, 2025

†Progonocimicidae

Awanis clarus You, Jiang, Guan, Bieszczad & Szwedo, 2025

Saldidae

Exornatum sulcatum Zhang, Ren & Yao, 2025

Tingidae

Majusculispinatus alirostratus Mu, Ren & Yao, 2025

Majusculispinatus dorsolongispinus Mu, Ren & Yao, 2025

Psocodea (11f., 22g., 40sp.)

Psyllipsocidae

Concavapsocus valvaculeiformis Yang, Li, Ren & Yao, 2025

Psyllipsocus mili Weingardt, Liang & Yoshizawa, 2025

Holometabola (11o., 294f., 1000g., 1655sp.)

Coleoptera (112f., 397g., 626sp.)

Bostrichidae

Burmostrichus brunneus Háva & Zahradník, 2025

Cantharidae

~~*Poinarelelectronmiles cuaroni* (Bramanti & Fanti, 2022)~~

~~*Poinarelelectronmiles ellenbergeri* (Fanti & Damgaard, 2020)~~

Sanaungulus angustipennis (Yang, Zhao & Liu, 2024)

Sanaungulus dentatus (Yang, Zhao & Liu, 2024)

~~*Sanaungulus dominikiweissbachi* (Fanti & P. Müller, 2022)~~

~~*Sanaungulus kachinensis* (Fanti & P. Müller, 2022)~~

~~*Sanaungulus lethi* (Fanti & Damgaard, 2020)~~

Sanaungulus recticollis (Yang, Zhao & Liu, 2024)

Sanaungulus ‘ruficollis’ Yang, Liu & Zhao, 2022

~~*Sanaungulus strungei* (Fanti & Damgaard, 2019)~~

‘Sanaungulus’ undecimus Yang, Zhao & Liu, 2024

Cerophytidae

Amberophytum burmitica (Molino-Olmedo, 2024)

Dermestidae

- Attagenus motykai* Háva, 2025
- Dermestes lawrencei* Ślipiński, Ren & Zhou, 2025
- Globicornis burmanicus* Háva, 2025
- Nothattagenus burmiticus* (Cai, Háva & Huang, 2016)
- Nothattagenus secundus* (Deng, Ślipiński, Ren & Pang, 2017)

Elateridae

- Cretoathous serratus* Zhao, Ślipiński & Wang., 2025

Endomychidae

- Cretostenotarsus elongatus* Hsiao & Tomaszewska, 2025

Eucnemidae

- Euryptychus grandinotalis* (Li, Tihelka & Cai, 2020)
- Euryptychus pusillus* (Muona, 2020)
- ~~*Sieglindea antiqua* Muona, 2020~~
- Xanrofeurya tomaszewskae* Li, Huang & Cai, 2025
- Yallmoleia arriagavarelai* Li, Huang & Cai, 2025

Histeridae

- Yethiha lackneri* Simon-Pražák & Háva, 2025

Leiodidae

- Burmaphagus yamamotoae* Yamamoto & Perreau, 2025

Lycidae

- Dostaliella filiformis* Motyka, Kusy & Bocak, 2025

†Mysteriomorphidae

- Mysteriomorphus longelytrum* (Qu, Jarzembowski & Luo, 2023)

Nitidulidae

- Vetunitidula mandibulata* Zhao, Engel, Huang & Cai, 2025

Ptinidae

- ~~*Benemerita burmitica* Molino-Olmedo, 2024~~
- Costatomorphus cretaceus* Háva & Zahradník, 2025
- Granulobium perkovskyi* A. Legalov, 2025
- Toxesbium kundratai* Li, Philips & Cai, 2025

Rhipiphoridae

- Derinilipia alekseevi* Li, Huang & Cai, 2025

Scirtidae

- Serracyphon philipsi* Li, Ruta, Huang & Cai, 2025

Schizopodidae

- Cretadystaxia burmanica* Legalov, 2025

Staphylinidae

- Ochtheophilus wui* Chen, Newton, Huang, Lü & Cai, 2025
- Prosolierius qizhihaoi* Liu, Gao, Huang & Cai, 2025

Trogossitidae

- Rutrizoma donoghuei* Li & Cai, 2025
- Rutrizoma pisanii* Li & Cai, 2025

Family incertae sedis

- Crassiungula lawrencei* Li, Huang & Cai, 2025

Diptera (53f., 173g., 278sp.)

Asilidae

Burmatriclis spinosus Miquel, Jouault, Huang & Nel, 2025

Bibionidae

Penthetria tenue Skartveit, Nel, Kundura & Ševčík, 2025

Penthetria tipuloides Skartveit, Nel, Kundura & Ševčík, 2025

Protopenthetria bicoloripes Skartveit, Nel, Kundura & Ševčík, 2025

Protopenthetria coronata Skartveit, Nel, Kundura & Ševčík, 2025

Protopenthetria crassitarsalis Skartveit, Nel, Kundura & Ševčík, 2025

Protopenthetria globistylus Skartveit, Nel, Kundura & Ševčík, 2025

Protopenthetria longicornis Skartveit, Nel, Kundura & Ševčík, 2025

Protopenthetria pallipes Skartveit, Nel, Kundura & Ševčík, 2025

Protopenthetria rectangula Skartveit, Nel, Kundura & Ševčík, 2025

Dolichopodidae

Microphorites complanipedis Zhang & Wang, 2025

Microphorites curtipedis Zhang & Wang, 2025

Microphorites hamataculeus Zhang & Wang, 2025

Psychodidae

Palaeoglaesum skibinskae Kaczmarek, Krzemiński & Soszyńska, 2025

Hymenoptera (72f., 230g., 413sp.)

Anaxyelidae

Deresyntexis bethouxi Oyama, Jouault & Mita, 2025

Bethylidae

Aplatopsenella engeli Jouault & Huang, 2025

Holopsenelliscus bilobatus Jouault & Huang, 2025

Chrysididae

Cenomanisega krombeini Lucena & Melo, 2025

Cretamisega mandibularis Lucena & Melo, 2025

Miracorium amica Lucena & Melo, 2025

Protognathosega depilis Lucena & Melo, 2025

Telistosega intermedia Lucena & Melo, 2025

Diapriidae

Eoaclista exquisita Brazidec, 2025

†Falsiformicidae

Siccibythus aristovi Wang, Rasnitsyn, Perkovsky & Vilhelmsen, 2025

Siccibythus robustus Wang, Rasnitsyn, Perkovsky & Vilhelmsen, 2025

Formicidae

Gerontoformica priapos Zhuang, Boudinot & Perrichot, 2025

Zigrasimecia bellator Zhuang, Jouault, Perichot, Wang, Liu & Zhang, 2025

Zigrasimecia sinusoidal Zhuang, Jouault, Perichot, Wang, Liu & Zhang, 2025

†Holopsenellidae

Typhopsenella obscura Lepeco & Melo, 2025

†Maimetshidae

Crucimaimetscha nigra Li, Kopylov & Rasnitsyn, 2025

Guyotemaimetscha concava (Perrichot, 2013)

Guyotemaimetsha ortegoblancoi Li, Kopylov & Rasnitsyn, 2025
Guyotemaimetsha perrichoti Li, Kopylov & Rasnitsyn, 2025
Maimetshasia engeli Li, Kopylov & Rasnitsyn, 2025
Maimetshasia nova Li, Kopylov & Rasnitsyn, 2025

Megalyridae

Megacoxa brazideci Vilhelmsen, Wu, Wang, Gao & Ren, 2025
Megacoxa gungner Vilhelmsen, Wu, Wang, Gao & Ren, 2025
Megacoxa miscea Jouault, 2025
Megacoxa mjoelner Vilhelmsen, Wu, Wang, Gao & Ren, 2025

†Ohlhoffiidae

Ohlhoffia minuta Jouault, 2025

†Praeaulacidae

Coronaulacus cancan Wang, Vilhelmsen, Ren & Gao, 2025

†Sirenobethylidae

Sirenobethylus charybdis Wu, Vilhelmsen & Gao, 2025

Spathiopterygidae

Karaweik splendida Álvarez-Parra & Jouault, 2025

Stephanidae

Tumidistephanus epimetheus Ge & Tan, 2025

Family incertae sedis

Cretovelona orussopteryx Vilhelmsen, Nakamine & Yamamoto, 2025

Neuroptera (21f., 139g., 202sp.)

Berothidae

Rhynchoberotha biyi Wang, Li, Zhuo, Xu & Liu, 2025
Rhynchoberotha zhangae Wang, Li, Zhuo, Xu & Liu, 2025

Ithonidae

Phyllithone dongshengi Liu, Lu, Wang, Xu & Zhuo, 2025

Rhachiberothidae

Stygioberotha groehni Makarkin, 2025

Family incertae sedis

Fiaponeura maculipennis Assmar, Machado, Liu & Gillung, 2025

CHELICERATA (1c, 12o., 134f., 254g., 534sp.)

Arachnida (12o., 134f., 254g., 534sp.)

Acariformes (29f., 16g., 16sp.)

Autognetidae

Autogneta sp.

Chyzeriidae

Cretachyzeria macroseta Liu, Fan & Ren, 2025
Punkochyzeria khoyi Kolesnikov, Turbanov & Vorontsov, 2025
Punkochyzeria makolae Kolesnikov, Turbanov & Vorontsov, 2025

Punkochyzeria minaei Kolesnikov, Turbanov & Vorontsov, 2025

Nanorchestidae

Oppiidae

Pediculochelidae

Paralycus primus Kolesnikov, Vorontsov, Norton & Klimov, 2025

Tenuipalpidae?

Trochometridiidae

Trochometridium sp.

Uropodidae

Pseudoscorpiones (13f., 12g., 14sp.)

Amblyolpiidae

Amblyolpium burmiticum (Cockerell, 1920)

Cheliferidae

Echinochelifer curvatus Feng, Guo & Jouault, 2025

Chthoniidae

Lechytia finniae Hagen, Kotthoff, Harms & Loria, 2025

~~Garypinidae~~

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

Pseudochiridiidae

Palaeochiridium insolitum Turbanov, Kolesnikov, Vorontsov, Shadrin, Vasilenko & Perkovsky, 2025

Scorpiones (9f., 18g., 54sp.)

Ananteridae

Archaeoananteroides carusoi Lourenço, 2025

Archaeoananteroides maderai Lourenço, 2016

Buthidae

~~*Archaeoananteroides maderai* Lourenço, 2016~~

Palaeobutheolus andreschmidt Lourenço, 2025

†Chaerilobuthidae

~~*Chaeriloiurus brigittemueller* Lourenço, 2020~~

Serratochaerilobuthus barbarae Lourenço & Velten, 2025

†Palaeoburmesebuthidae

Palaeoburmesebuthus sarahmeyerae Lourenço, 2025

†Palaeoescorpiidae

Burmesescorpiops wunpawng Lourenço, Dan & Zawgyi, 2025 (in Dan *et al.*, 2025)

†Palaeotrilineatidae

Paratrilineatus schmidt Lourenço, 2025

†Protoischnuridae

Cretaceoushormiops petersi Lourenço, 2025

Family incertae sedis

Chaeriloiurus brigittemueller Lourenço, 2020

Thelyphonida (=Uropygi) (1f., 3g., 4sp.)

Thelyphonidae

Mesothelyphonus xiaoae Wu, Dunlop, Klimov, Mai, Peng, & Liu, 2025

MYRIAPODA (3c., 18o., 21f., 18g., 22sp.)

Diplopoda (13o., 15f., 14g., 19sp.)

Siphonophorida (2f., 3g., 4sp.)

Siphonophoridae

Siphonophora globosa (Su, Cai & Huang, 2024)

Siphonorhinidae

Protosiphonorhinus patrickmuelleri Moritz, Wipfler & Wesener, 2025

~~*Siphonorhinus globosus* Su, Cai & Huang, 2024~~

'Siphonorhinus' peculiaris Su, Cai & Huang, 2024

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

Cambalopsidae

Laeviglyphiulus patrickmuelleri Wesener & Rühr, 2025

PLANTAE (9c., 23o., 30f., 55g., 95sp.)

Bryopsida (2o., 1f., 3g., 9sp.)

Dicranales (s.l.) (1f., 2g., 4sp.)

Calymperaceae

Calymperites burmensis Heinrichs, Schäf.-Verw., Hedenäs, Ignatov
& A.R. Schmidt, 2014

Calymperites chenianus Y.Li, 2025 (in Tan *et al.*, 2025)

Calymperites proboscideus Y.Li, 2025 (in Tan *et al.*, 2025)

Family *incertae sedis*

~~*Calymperites burmensis* Heinrichs, Schäf.-Verw., Hedenäs, Ignatov
& A.R. Schmidt, 2014~~

Ditrichites aristatus Y.Li, 2025 (in Tan *et al.*, 2025)

Jungermannniopsida (1o., 3f., 4g., 11sp.)

Porellales (3f., 4g., 11sp.)

Radulaceae

Radula kachinensis X.B. Song, W. Ye & Z.-X. Wang, 2025

Polypodiopsida (=Pteridopsida) (5o., 8f., 13g., 17sp.)

Polypodiales (5f., 8g., 10sp.)

Dennstaedtiaceae

Krameropteris calophyllum C.X. Li, 2025

FUNGI (4c., 6o., 7f., 15g., 17sp.)

Sordariomycetes (2o., 3f., 5g., 7sp.)

Hypocreales (2f., 4g., 6sp.)

Ophiocordycipitaceae

Paleoophiocordyceps gerontoformicae Y. Zhuang, J.P.M. Araújo, Haelew., C. Luo & D. Tang, 2025

Paleoophiocordyceps ironomyiae Y. Zhuang, J.P.M. Araújo, Haelew., C. Luo & D. Tang, 2025

MARINE ENCRUSTERS OR FOSSILS STUCK ON THE SURFACE OF THE AMBER (6c., 5o., 5f., 4g., 1sp.)

BRYOZOA (1c., 1o.)

Gymnolaemata (1o.)

Cheilostomata

Hkamti (Khamti) amber

HEXAPODA (1c., 10o., 14f., 22g., 21sp.)

Insecta (10o., 14f., 22g., 21sp.)

Coleoptera (4f., 10g., 8sp.)

Family Colonidae

Colonellus hkamtiensis Yamamoto, 2025

Family Hydraenidae

Family Staphylinidae

Cretochirus elongatus Yamamoto, 2025

Ektatotricha sp.

Hapsomela cf. *burmitis* Poinar & Brown, 2004

Mesallotrochus sp.

Procileoporus sp.
Prosolierius antennatus Yamamoto, 2025

Burmese amber: locality unknown

HEXAPODA (1c., 3o., 7f., 21g., 32sp.)

Insecta (3o., 7f., 21g., 32sp.)

Orthoptera (3f., 9g., 11sp.)

†Elcanidae

Adelphelca simplicissima Schall, Kotthoff & Husemann, 2025

Elcanodentes alatus Willmott, Schall, Kotthoff & Husemann, 2025

Elcanodentes cretaceus Willmott, Schall, Kotthoff & Husemann, 2025

Elcanodentes thanatos Schall, Willmott, Kotthoff & Husemann, 2025

Kolymbelcana phantasma Schall, Kotthoff & Husemann, 2025

Eumastacidae?

Burmeumastax lexiae Husemann, Schall, Uchida & Kotthoff, 2025

Ripterygidae

Ciconipteryx bidactylus Schall, Cao & Husemann, 2025

Ozymandipteryx campana Schall, Cao & Husemann, 2025

Papers published on Burmese amber from January to August 2025, or missed previously

- Álvarez-Parra, S., Jouault, C., Hakim, M., Azar, D. & Huang, D. 2025 (on-line). A new genus of the family Spathiopterygidae (Hymenoptera: Diaprioidea) from mid-Cretaceous Kachin amber. *Paläontologische Zeitschrift*, <https://doi.org/10.1007/s12542-025-00737-w>
- Arce, S.I., Braig, F., Linhart, S.J., Cadre, J.L., Salvamoser, O., Müller, P., Haug, C. & Haug, J.T. 2025. Morphological variation of long-legged velvet mite larvae in deep time. *Rivista Italiana di Paleontologia e Stratigrafia*, **131**(2), 331-351. <https://doi.org/10.54103/2039-4942/23134>
- Assmar, A.C., Machado, R.J.P., Liu, X.-Y. & Gillung, J.P. 2025. A new species and the first description of the female of *Fiaponeura* Lu *et al.* (Neuroptera: Psychopsoidea) from Cretaceous Kachin amber. *Palaeoentomology*, **8**(1), 1-4. <https://doi.org/10.11646/palaeoentomology.8.1.1>
- Beurel, S., Bachelier, J.B., Coiffard, C., Schmidt, A.R. & Sadowski, E.-M. 2025. Placing *Nothophyllica piloburmensis* from Cretaceous amber into the angiosperm phylogeny. *Taxon*, **74**(4), 933-937. <https://doi.org/10.1002/tax.13350>
- Boderau, M., Nel, A. & Engel, M.S. 2025. The earliest chinch bug (Hemiptera, Blissidae): A new genus from mid-Cretaceous Kachin amber. *Zoosystema*, **47**(9), 133-138. <https://doi.org/10.5252/zoosystema2025v47a9>
- Brazidec, M. 2025. A new genus of diapriid wasp (Hymenoptera: Diaprioidea) from mid-Cretaceous Kachin amber with plesiomorphic fore wing venation. *Palaeoentomology*, **8**(4), 447-458. <https://doi.org/10.11646/palaeoentomology.8.4.12>
- Buchner, L., Linhart, S., Braig, F., Haug, G.T., Weiterschan, T., Haug, C. & Haug, J.T. 2025. New data indicate larger decline in morphological diversity in split-footed lacewing larvae than previously estimated. *Insects*, **16**(2), 125, 1-30. <https://doi.org/10.3390/insects16020125>
- Cadre, J.L., Gauweiler, J., Haug, J.T., Arce, S.I., Baranov, V., Hammel, J.U., Haug, C., Kaulfuss, U., Kiesmüller, C., McKellar, R.C., Müller, P., Hörnig, M.K. & Zippel, A. 2025. New amber fossils indicate that larvae of Dermestidae had longer defensive structures in the past. *Insects*, **16**(7), 710, 1-61. <https://doi.org/10.3390/insects16070710>
- Cai, C., Johnson, K.P., Fu, Y., Gustafsson, D.R., Azar, D., Su, Y., Xuan, Q., Engel, M.S. & Huang, D. 2025. Cretaceous chewing-louse eggs on enantiornithine birds. *National Science Review*, **12**(2), nwae479, 1-4. <https://doi.org/10.1093/nsr/nwae479>

- Cao, H.-J., Liu, Y.-W. & Liu, H.-Y. 2025. Taxonomic notes on †*Clidicostigus arachnipes* Jałoszyński, Brunke & Bai, 2017, a predominant ant-like stone beetle in the mid-Cretaceous Burmese amber. *Zootaxa*, **5621**(4), 493-500.
<https://doi.org/10.11646/zootaxa.5621.4.8>
- Chen, X.-H., Newton, A.F., Huang, D., Lü, L. & Cai, C. 2025. The first Mesozoic record of *Ochtheophilus* (Coleoptera: Staphylinidae: Oxytelinae) from mid-Cretaceous Burmese amber. *Insect Systematics & Evolution*, **56**, 223-234.
<https://doi.org/10.1163/1876312X-bja10071>
- Chen, Z.-T. 2025. Taxonomy and evolutionary implications of a new fossil stonefly family (Insecta, Plecoptera) from middle Cretaceous Kachin amber of northern Myanmar. *Palaeoworld*, **34**(1), 100854, 1-7.
<https://doi.org/10.1016/j.palwor.2024.06.002>
- Chen, Z.-T. & Figueroa, J.M.T.de 2025. Female-above copulation in Cretaceous stoneflies: Early mating strategies of Plecoptera. *Annales Zoologici*, **75**(2), 475-488.
<https://doi.org/10.3161/00034541ANZ2025.75.2.005>
- Chen, Z.T., Sroka, P., Kamp, T.van de & Staniczek, A.H. 2025 (on-line). Revision of mid-Cretaceous Peltoperlidae (Insecta: Plecoptera) from Burmese amber, with description of two new species in a new genus. *Cretaceous Research*, **177**, 106206, 1-14.
<https://doi.org/10.1016/j.cretres.2025.106206>
- Chen, Z.-T., Zheng, X. & Jiang, C. 2025 (on-line). *Zhoucloeon* gen. nov., (Ephemeroptera, Baetidae), a new mayfly from the mid-Cretaceous Kachin amber. *Palaeontographica A*
<https://doi.org/10.1127/pala/0168>
- Chitimia-Dobler, L., Handschuh, S., Dunlop, J.A., Pienaar, R. & Mans, B.J. 2024 on-line. Nuttalliellidae in Burmese amber: implications for tick evolution. *Parasitology*, **151**, Special Issue 9, 891-907.
<https://doi.org/10.1017/S0031182024000477>
- Dan, Z., Zawgyi, K. & Lourenço, W.R. 2025. An unusual new species of *Burmesescorpiops* Lourenço, 2016 from Cretaceous Burmese amber (Scorpiones: Palaeoscorpionidae: Archaeoscorpioninae). *Faunitaxys*, **13**(20), 1-6.
[https://doi.org/10.57800/faunitaxys-13\(20\)](https://doi.org/10.57800/faunitaxys-13(20))
- Drohojowska, J., Hakim, M., Huang, D. & Szwed, J. 2025. A new species *Amecephala micra* sp. nov. (Hemiptera: Liadopsyllidae) from Mid-Cretaceous Myanmar Amber. *Insects*, **16**(3), 302, 1-14.
<https://doi.org/10.3390/insects16030302>
- Fanti, F. 2025. Updated catalog of world fossil Cantharidae, with description of two new species, plus taxonomic information. *Historia Naturalis Bulgarica*, **47**(5), 107-124.
<https://doi.org/10.48027/hnb.47.053>

- Feng, C., Guo, X., Zhuang, Y., Zhang, Q., Jouault, C., Jarzembowski, E.A. & Liu, Y. 2025 (on-line). The first Cheliferidae (Pseudoscorpiones: Cheliferoidea) from mid-Cretaceous Kachin amber. *Journal of Systematics and Evolution*, <https://doi.org/10.1111/jse.70018>
- Ge, S.-X., Ren, L.-L. & Tan, J.-L. 2025. The mid-Cretaceous crown wasp genus †*Tumidistephanus* Ge & Tan: discovery of the first male and a new species (Hymenoptera, Stephanidae). *ZooKeys*, **1248**, 53-59. <https://doi.org/10.3897/zookeys.1248.157257>
- Gerbe, A., Haug, C., Briag, F., Müller, P., Haug, J.T., Porto, A.O. & Arce, S.I. 2025 (on-line). Quantitative morphological comparison of rake-legged mites over the last 100 million years and the first fossil larva of Caeculidae. *Palaeobiodiversity & Palaeoenvironments*, <https://doi.org/10.1007/s12549-025-00654-5>
- Godunko, R.J., Benhadji, N., Martynov, A., Chen, Z.-T., Zheng, X. & Staniczek, A.H. 2025. A new species and new generic synonymy in the family Vietnamellidae (Insecta: Ephemeroptera) from mid-Cretaceous Burmese amber with notes on ancient dispersal across East Gondwana. *PeerJ*, **13**, e19048, 1-44. <https://doi.org/10.7717/peerj.19048>
- Hagan, M., Kotthoff, U., Harms, D. & Loria, S.F. 2025. New species of *Lechytia* Balzan, 1892 (Arachnida: Pseudoscorpiones) from Burmese amber highlights 99 million years of morphological stasis. *Cretaceous Research*, **172**, 106120, 1-9. <https://doi.org/10.1016/j.cretres.2025.106120>
- Haug, C., Braig, F., Linhart, S.J., Briggs, D.E.G., Melzer, R.R., Caballero, A., Fu, Y., Haug, G.T., Hörnig, M.K. & Haug, J.T. 2025 (on-line). Cretaceous lacewing larvae with binocular vision demonstrate the convergent evolution of sophisticated simple eyes. *Insect Science*, <https://doi.org/10.1111/1744-7917.13509>
- Haug, J.T., Müller, P. & Haug, C. 2025. A new wireworm-like larva (Coleoptera, Elateridae incertae sedis) from about 100 million year-old Kachin amber with a very stout antenna. *Palaeoentomology*, **8**(3), 290-298. <https://doi.org/10.11646/palaeoentomology.8.3.5>
- Háva, J. 2025a. Additional contribution to the knowledge of Dermestidae (Coleoptera: Bostrichoidea) from Baltic and Burmese ambers. *Studies & Reports Taxonomical Series*, **21**(1), 35-40.
- Háva, J. 2025b. *Globicornis (Globicornis) burmanicus* sp. nov., a new species from mid-Cretaceous Burmese amber (Coleoptera: Dermestidae: Megatominae). *Folia Heyrovskyana*, Ser. A, **33**(1), 1-4.
- Háva, J. & Zahradník, P. 2025a. *Burmostrichus brunneus* gen. nov., sp. nov. from mid-Cretaceous Burmese amber, with other taxonomic notes on the family Bostrichidae (Coleoptera). *Natura Somogyiensis* **45**, 5-10.

<https://doi.org/10.24394/NatSom.2025.45.5>

- Háva, J. & Zahradník, P. 2025b. *Costatomorphus cretaceus* gen. et sp. nov. (Coleoptera: Ptinidae: Eucradinae), a new genus and species from mid-Cretaceous Burmese amber. *Folia Heyrovskyana*, Ser A, **33**(1), 8-11.
- Heiss, E. 2025. A new large-sized flat bug from mid-Cretaceous Burmese amber: *Cretozemira gregori* sp. nov. (Hemiptera, Heteroptera, Aradidae). *Mesozoic*, **2**(1), 1-3.
<https://doi.org/10.11646/mesozoic.2.1.1>
- Hsiao, Y. & Tomaszewska, W. 2025. Diversity dynamics of handsome fungus beetles (Coleoptera: Coccinelloidea: Endomychidae) during the Meso-Cenozoic period. *Paläontologische Zeitschrift*, **99**(2), 139-150.
<https://doi.org/10.1007/s12542-025-00722-3>
- Husemann, M., Schall, O.-K.O., Uchida, K. & Kotthoff, U. 2025. The first Cretaceous Eumastacoidea (Orthoptera, Caelifera) from Burmese amber. *Journal of Orthoptera Research*, **34**(1), 151-157.
<https://doi.org/10.3897/jor.34.134361>
- Ivanov, G.A., Vorontsov, D.D. & Shcherbakov, D.E. 2025. A remarkable psyllomorph family from Cretaceous Burmese amber, Miralidae stat. nov. (= Dinglidae syn. nov.; Hemiptera: Sternorrhyncha). *Cretaceous Research*, **168**, 106069, 1-15.
<https://doi.org/10.1016/j.cretres.2024.106069>
- Izquierdo-López, A., Kiesmüller, C., Gröhn, C., Haug, J.T., Haug, C. & Hörnig, M.K. 2024 on-line. Patterns of morphological evolution in the raptorial appendages of praying mantises. *Insect Science*, **32**(3), 1061-1079.
<https://doi.org/10.1111/1744-7917.13423>
- Ji, X., Nel, A., Xiao, C., Gorochoy, A.V., Jarzembowski, E.A., Ma, Z. & Xu, C. 2025. A new weird cricket (Orthoptera, Gryllidea) from mid-Cretaceous Kachin amber in northern Myanmar. *Fossil Record*, **28**(2), 219-230.
<https://doi.org/10.3897/fr.28.162805>
- Ji, X., Nel, A., Xu, C., Zhou, Y. & Xiao, C. 2025. New scaly crickets (Orthoptera: Mogoplistidae) from mid-Cretaceous Kachin amber in northern Myanmar. *Palaeontographica*, **330**(1-6), 1-12.
<https://doi.org/10.1127/pala/2025/0160>
- Jouault, C. 2025a. Taxonomic additions to the genus †*Megacoxa* Brazidec *et al.*, 2024 (Hymenoptera: Megalyridae) from Kachin amber. *Mesozoic*, **2**(1), 33-41.
<https://doi.org/10.11646/mesozoic.2.1.5>
- Jouault, C. 2025b. On two rare wasps (Hymenoptera: Ohlhoffiidae; Panguidae) from mid-Cretaceous Kachin amber. *Mesozoic*, **2**(2), 163-173.
<https://doi.org/10.11646/mesozoic.2.2.6>

- Jouault C. & Huang, D. 2025. Two new stem flat wasp species (Bethylidae: Cretabythinae) from mid-Cretaceous Kachin amber. *Palaeontographica, A*, **331**(1-3), 15-29.
<https://doi.org/10.1127/pala/0163>
- Jouault, C., Smith, R. & Engel, M.S. 2025. A new arceotermitid species from mid-Cretaceous Kachin amber (Isoptera: Teletisoptera). *Palaeoentomology*, **8**(3), 329-337.
<https://doi.org/10.11646/palaeoentomology.8.3.9>
- Kaczmarek, S., Krzemiński, W. & Soszyńska, A. 2025. Another species of *Palaeoglaesum* (Diptera, Psychodidae, Bruchomyiinae) from mid-Cretaceous Kachin amber. *Palaeoentomology*, **8**(4), 355-358.
<https://doi.org/10.11646/palaeoentomology.8.4.2>
- Kóbor, P. & Szabó, M. 2025. A new fossil plesiomorphic flat bug (Aradidae) suggests widespread flower visiting in Heteroptera during the Mesozoic. *Scientific Reports*, **15**, 30282, 1-10.
<https://doi.org/10.1038/s41598-025-15559-8>
- Kolesnikov, V.B., Turbanov, I.S. & Vorontsov, D.D. 2025. Punk's not dead? *Punkochyzeria* gen. nov. (Acari: Chyzeriidae) from Cretaceous Myanmar amber. *Zootaxa*, **5686**(4), 451-484.
<https://doi.org/10.11646/zootaxa.5686.4.1>
- Kolesnikov, V.B., Vorontsov, D.D., Norton, R.A. & Klimov, P.B. 2025. First fossil evidence of pediculochelid mites: two new species from Middle Cretaceous and Late Eocene amber revealing morphological stasis over at least 99 million years. *Acarologia*, **65**(1), 67-90.
<https://doi.org/10.24349/uxz4-s4sq>
- Kundrata, R., Rosa, S.P., Triskova, K., Packova, G., Hoffmannova, J. & Brus, J. 2025. Click beetle larvae from Cretaceous Burmese amber represent an ancient Gondwanan lineage. *Scientific Reports*, **15**, 1125, 1-14.
<https://doi.org/10.1038/s41598-024-80950-w>
- Legalov, A.A. 2025. First record of the family Schizopodidae (Coleoptera) from Cretaceous Kachin amber. *Ecologica Montenegrina*, **82**, 74-79.
<https://doi.org/10.37828/em.2025.82.4>
- Legalov, A.A. & Legalov, V.A. 2025. A new species of the genus *Granulobium* Li *et al.*, 2023 (Coleoptera: Ptinidae) from Cretaceous Kachin amber. *Ecologica Montenegrina*, **82**, 69-73.
<https://doi.org/10.37828/em.2025.82.3>
- Lepeco, A. & Melo, G.A.R. 2025. A new genus of the extinct family †Holopsenellidae (Hymenoptera, Aculeata) from the mid-Cretaceous Burmese amber. *Palaeoentomology*, **8**(2), 138-146.
<https://doi.org/10.11646/palaeoentomology.8.2.4>
- Li, C. & Meng, F. 2025. A new species of *Krameropteris* (Dennstaedtiaceae) from mid-Cretaceous Myanmar amber. *Taxonomy*, **5**(3), 1-10.
<https://doi.org/10.3390/taxonomy5010003>

- Li, H., Zhuo, D., Wang, B., Nakamine, H., Yamamoto, S., Zhang, W., Jepson, J.E., Ohl, M., Aspöck, U., Aspöck, H., Nyunt, T.T., Engel, M.S., Benton, M.J., Donoghue, P. & Liu, X. 2024 on-line. A Double-edged sword: Evolutionary novelty along deep-time diversity oscillation in an iconic group of predatory insects (Neuroptera: Mantispidae). *Systematic Biology*, **74**(3), 395-420.
<https://doi.org/10.1093/sysbio/syae068>
- Li, L., Kopylov, D.S., Rasnitsyn, A.P., Yang, J., Shih, C. & Ren, D. 2025. New wasps of Maimetshidae (Hymenoptera: Ceraphronoidea) from the mid-Cretaceous Myanmar amber. *Insects*, **16**(3), 237, 1-18.
<https://doi.org/10.3390/insects16030237>
- Li, L., Wu, Z., Nel, A. & Xu, C. 2025. Two new Elcanidae from the mid-Cretaceous Kachin amber (Orthoptera). *Palaeontographica, A*, **330**(1-6), 13-22.
<https://doi.org/10.1127/pala/2025/0161>
- Li, Y.-D., Huang, D. & Cai, C. 2025a. A contribution to the taxonomy of Eucnemidae from mid-Cretaceous Kachin amber (Coleoptera: Elateroidea). *Mesozoic*, **2**(1), 10-20.
<https://doi.org/10.11646/mesozoic.2.1.3>
- Li, Y.-D., Huang, D. & Cai, C. 2025b. *Crassiungula* gen. nov., an enigmatic genus of scarabaeoids from mid-Cretaceous Kachin amber (Coleoptera: Scarabaeoidea). *Annales Zoologici*, **75**(1), 43-51.
<https://doi.org/10.3161/00034541ANZ2025.75.1.004>
- Li, Y.-D., Huang, D. & Cai, C. 2025c. *Derinilipia*, a new genus of Ripidiini from mid-Cretaceous amber of northern Myanmar (Coleoptera: Ripiphoridae). *Bulletin of Geosciences*, **100**(1), 87-94.
<https://doi.org/10.3140/bull.geosci.1911>
- Li, Y.-D., Leschen, R.A.B., Kolibáč, J., Engel, M.S., Zhang, Z.-Q., Yu, Y., Huang, D. & Cai, C. 2025. Specialized bark-gnawing beetles reveal phragmotic defence and subcortical ecology in the Cretaceous. *Proceedings of the Royal Society B*, **292**, 20251004, 1-12.
<https://doi.org/10.1098/rspb.2025.1004>
- Li, Y.-D., Philips, T.K., Huang, D.-Y. & Cai, C.-Y. 2025. *Toxesbium* gen. nov., the first definitive member of Ernobiinae from mid-Cretaceous amber of northern Myanmar (Coleoptera: Ptinidae). *Paläontologische Zeitschrift*, **99**(1), 25-33.
<https://doi.org/10.1007/s12542-025-00715-2>
- Li, Y.-D., Ruta, R., Huang, D.-Y. & Cai, C.-Y. 2025 (on-line). Revised phylogenomic analysis and Cretaceous fossil evidence reveal new insights into evolution of Scirtinae (Coleoptera: Scirtidae). *Journal of Systematics & Evolution*,
<https://doi.org/10.1111/jse.13182>
- Linhart, S.J., Zippel, A., Haug, G.T., Müller, P., Haug, C., Haug, J.T. & Braig, F. 2025. New predatory beetle larvae from about 100 million years ago and possible niche differentiation effects in the Kachin amber forest. *Swiss Journal of Palaeontology*, **144**(54), 1-23.
<https://doi.org/10.1186/s13358-025-00393-2>

- Liu, N., Gao, L., Huang, D. & Cai, C. 2025. *Prosolierius qizhihaoi* sp. nov., a new species of solieriine rove beetles from mid-Cretaceous Kachin amber (Coleoptera: Staphylinidae). *Journal of Asia-Pacific Entomology*, **28**(2), 102405, 1-6.
<https://doi.org/10.1016/j.aspen.2025.102405>
- Liu, X.-Y., Lu, X.-M., Wang, J.-L., Xu, C.-P. & Zhuo, D. 2025. A new moth lacewing genus (Insecta: Neuroptera: Ithonidae) with proliferated and specialized wing venation from the mid-Cretaceous of northern Myanmar. *Palaeoentomology*, **8**(1), 36-46.
<https://doi.org/10.11646/palaeoentomology.8.1.6>
- Liu, Y., Song, Z., Xu, L. & Xiao, C. 2025. First discovery of the male of the genus *Paradoxoconis* (Neuroptera: Coniopterygidae) from the Cretaceous Burmese amber. *Palaeontographica*, A, **331**(1-3), 9-14.
<https://doi.org/10.1127/pala/0166>
- Liu, Y., Fan, Q.-H. & Ren, D. 2025. A Cretaceous mite with ultra-long setae possibly reveals the early survival strategy of Chyzeriidae. *Fossil Record*, **28**(2), 241-248.
<https://doi.org/10.3897/fr.28.158587>
- Liu, Y.-X., Li, R., Oestman, M., Shi, C.-F., Ren, D., Yang, Q. 2025. New damselflies (Odonata: Zygoptera: Burmacoenagrionidae) from mid-Cretaceous Myanmar amber. *Palaeoentomology*, **8**(2), 157-165.
<https://doi.org/10.11646/palaeoentomology.8.2.6>
- Lourenço, W.R. & Velten, J. 2025a. One more new species for the genus *Cretaceoushormiops* Lourenço, 2018 from Cretaceous Burmite (Scorpiones: Protoischnuridae). *Faunitaxys*, **13**(2), 1-6.
[https://doi.org/10.57800/faunitaxys-13\(02\)](https://doi.org/10.57800/faunitaxys-13(02))
- Lourenço, W.R. & Velten, J. 2025b. A new species for the genus *Archaeoananteroides* Lourenço, 2016, fossil scorpion from Burmite (Scorpiones: Buthoidea: Ananteridae). *Faunitaxys*, **13**(3), 1-6.
[https://doi.org/10.57800/faunitaxys-13\(03\)](https://doi.org/10.57800/faunitaxys-13(03))
- Lourenço, W.R. & Velten, J. 2025c. Description of a second species for the genus *Serratochaerilobuthus* Lourenço, 2024 (Scorpiones: Chaerilobuthidae). *Faunitaxys*, **13**(10), 1-6.
[https://doi.org/10.57800/faunitaxys-13\(10\)](https://doi.org/10.57800/faunitaxys-13(10))
- Lourenço, W.R. & Velten, J. 2025d. New considerations on the taxonomic status of the family Palaeotrilineatidae Lourenço, 2012 and description of a new genus and new species (Scorpiones: Buthoidea). *Faunitaxys*, **13**(25), 1-6.
[https://doi.org/10.57800/faunitaxys-13\(25\)](https://doi.org/10.57800/faunitaxys-13(25))
- Lourenço, W.R. & Velten, J. 2025e. One more remarkable new genus and species of fossil scorpion from Burmese Cretaceous amber associated to the extant family Buthidae (Scorpiones: Buthoidea). *Faunitaxys*, **13**(35), 1-6.

[https://doi.org/10.57800/faunitaxys-13\(35\)](https://doi.org/10.57800/faunitaxys-13(35))

Lourenço, W.R. & Velten, J. 2025f. A particular new species for the genus *Palaeoburmesebuthus* Lourenço, 2002 from Burmite (Scorpiones: Palaeoburmesebuthidae). *Faunitaxys*, **13**(37), 1-5.
[https://doi.org/10.57800/faunitaxys-13\(37\)](https://doi.org/10.57800/faunitaxys-13(37))

Lourenço, W.R. & Velten, J. 2025g. A particular new species for the genus *Palaeoburmesebuthus* Lourenço, 2002 from Burmite (Scorpiones: Palaeoburmesebuthidae). *Faunitaxys*, **13**(38), 1-4.
[https://doi.org/10.57800/faunitaxys-13\(38\)](https://doi.org/10.57800/faunitaxys-13(38))

Lucena, D.A.A. & Melo, G.A. 2025. Expanding the Amiseginae: remarkable new Cretaceous-age fossils shed light on the early diversification of a highly specialized clade of cuckoo wasps (Hymenoptera: Chrysididae). *Zoological Journal of the Linnean Society*, **204**, zlaf054, 1-20.
<https://doi.org/10.1093/zoolinnean/zlaf054>

Luo, D., Xiao, C. & Luo, C. 2025. *Chunxiangus shii* gen. et sp. nov., a new genus and species of Umenocoleidae (Dictyoptera) from mid-Cretaceous Kachin amber. *Palaeontologia Electronica*, **28**(2), a31, 1-10.
<https://doi.org/10.26879/1568>

Makarkin, V.N. 2025. A new species of Paraberothinae (Neuroptera: Berothidae) from mid-Cretaceous Kachin amber, with discussion of family affinity of the subfamily. *Palaeoentomology*, **8**(1), 96-106.
<https://doi.org/10.11646/palaeoentomology.8.1.11>

Miquel, M., Jouault, C., Huang, D. & Nel, A. 2025. The third Asilidae (Diptera: Asiloidea) from mid-Cretaceous Kachin amber. *Annales de la Société entomologique de France*, **61**(3), 1-7.
<https://doi.org/10.1080/00379271.2025.2494648>

Moritz, L., Wipfler, B. & Wesener, T. 2025. *Protosiphonorhinus patrickmuelleri* gen. et sp. nov., the first fossil member of the sucking millipede family Siphonorhinidae (Colobognatha, Siphonophorida) described from Cretaceous Myanmar amber. *Evolutionary Systematics*, **9**, 77-86.
<https://doi.org/10.3897/evolsyst.9.147291>

Motyka, M., Kusy, D. & Bocak, L. 2025. An erotine net-winged beetle from Cenomanian Burmese amber confirms the Mesozoic origins of subfamilies (Coleoptera: Elateroidea: Lycidae: Erotinae). *Palaeoentomology*, **8**(1), 107-119.
<https://doi.org/10.11646/palaeoentomology.8.1.12>

Mu, C., Ma, Y., Ren, D. & Yao, Y. 2025 (on-line). A new genus and two new species of lace bugs (Tingidae, Tinginae, Phatnomatini) from Late Cretaceous Burmese amber. *Alcheringa*,
<https://doi.org/10.1080/03115518.2025.2496509>

Oyama, N., Jouault, C. & Mita, T. 2025. Discovery of a new anaxyelid wasp (Hymenoptera: Anaxyelidae) in mid-Cretaceous Kachin amber. *Palaeoentomology*, **8**(1), 89-95.

<https://doi.org/10.11646/palaeoentomology.8.1.10>

- Peng, A., Engel, M.S., Boderau, M., Legendre, F., Liu, Y., Nyunt, T.T., Wang, B. & Nel, A. 2025. Descending from trees: a Cretaceous winged ice-crawler illuminates the ecological shift and origin of Grylloblattidae. *Proceedings of the Royal Society B*, **292**, 20250557, 1-12.
<https://doi.org/10.1098/rspb.2025.0557>
- Perreau, M., Njunjić, I., Groot, M.D.de, Caenegen, W.V., Haelewaters, D. 2025. Redescription of the Cretaceous species *Archaeocerus uenoi* Perreau, 2019 based on synchrotron radiation micro-tomography and nano-tomography (Coleoptera, Leiodidae, Catopocerinae). *Subterranean Biology*, **52**, 187–200.
<https://doi.org/10.3897/subtbiol.52.154293>
- Ross, A.J. 2025. Supplement to the Burmese (Myanmar) amber checklist and bibliography, 2024. *Palaeoentomology*, **8**(1), 12-28.
<https://doi.org/10.11646/palaeoentomology.8.1.4>
- Schall, O.-K.O., Cao, C. & Husemann, M. 2025. 2025. New genera and species of Ripterygidae (Orthoptera, Tridactyloidea) from mid-Cretaceous Kachin amber. *Contributions to Entomology*, **75**(2), 253-262.
<https://doi.org/10.3897/contrib.entomol.75.e154529>
- Schall, O.-K.O., Cumming, R., Lian, Z. & Husemann, M. 2025. A new species of Burmecaelidae (Orthoptera: Caelifera) sheds light on the family's possible taxonomic placement. *Zootaxa*, **5636**(1), 174-182.
<https://doi.org/10.11646/zootaxa.5636.1.8>
- Schall, O.-K.O., Kotthoff, U. & Husemann, M. 2025. Two new genera and species of Elcaninae (Orthoptera, Elcanidae) from mid-Cretaceous Burmese amber. *Journal of Orthoptera Research*, **34**(1), 63-68.
<https://doi.org/10.3897/jor.34.130082>
- Sendi, H. 2025. A new species of *Elisama* Giebel, 1856 (Blattaria: Blattulidae) discovered in mid-Cretaceous Kachin amber of northern Myanmar. *Zootaxa*, **5590**(4), 579-586.
<https://doi.org/10.11646/zootaxa.5590.4.8>
- Shcherbakov, E. & Minaev, I. 2025. *Burmavenator ornatus* n. gen., n. sp., the first mantis (Insecta, Mantodea) from Burmese amber with complete wing venation. *Annales de la Société Entomologique de France*, **61**(4), 269-282.
<https://doi.org/10.1080/00379271.2025.2507672>
- Simon-Pražák, J., Háva, J. & Prokop, J. 2025. A new species of the Cretaceous clown beetle genus *Yethiha* (Coleoptera: Histeridae) with interpretation of the function of enlarged protibial spurs. *Zootaxa*, **5613**(1), 186-190.
<https://doi.org/10.11646/zootaxa.5613.1.10>

- Skartveit, J., Nel, A., Kundura, J.-P. & Ševčík, J. 2025. Bibionidae (Diptera) from mid-Cretaceous Myanmar amber: the genera *Protopenthetria* Li *et al.*, 2021 and *Penthetria* Meigen, 1803. *Zootaxa*, **5601**(1), 451-475.
<https://doi.org/10.11646/zootaxa.5601.3.3>
- Ślipiński, A., Ren, D. & Zhou, Y.-L. 2025. Cretaceous fossils of Dermestidae (Coleoptera) and their phylogenetic placement. *Annales Zoologici*, **75**(1), 153-166.
<https://doi.org/10.3161/00034541ANZ2025.75.1.010>
- Song, X., Ye, W. & Wang, Z. 2025. A New Species of *Radula* (Radulaceae, Porellales) From Mid-Cretaceous Kachin Amber. *Ecology & Evolution*, **15**, e72007, 1-10.
<https://doi.org/10.1002/ece3.72007>
- Tan, Z.-Z., Cui, Y.-M., Saing, L.M., Li, C.-X. & Li, 2025. Systematics and palaeoecology of three new acrocarpous mosses from the mid-Cretaceous of Kachin, Myanmar. *Plants*, **14**(2124), 1-14.
<https://doi.org/10.3390/plants14142124>
- Turbanov, I.S., Kolesnikov, V.B., Vorontsov, D.D., Shadrin, D.S., Vasilenko, D.V. & Perkovsky, E.E. 2025. Palaeochiridiinae subfam. nov. (Arachnida: Pseudoscorpiones: Pseudochiridiidae) from mid-Cretaceous Burmese amber, with a description of new genus and species. *Zootaxa*, **5686**(4), 536–554.
<https://doi.org/10.11646/zootaxa.5686.4.5>
- Vilhelmsen, L., Boudinot, B.E., Hammel, J.U., Nakamine, H. & Yamamoto, S. 2025. An insect †*Archaeopteryx*: Cretaceous amber fossil elucidates the evolution of complex host detection and ovipositor mechanisms in parasitoid woodwasps (Hymenoptera: Orussoidea). *Systematic Entomology*, **50**(3), 630-645.
<https://doi.org/10.1111/syen.12673>
- Vilhelmsen, L., Wu, Q., Wang, Z., Gao, T.-P. & Ren, D. 2025. Three new species of the long-tailed wasp genus †*Megacoxa* Brazidec *et al.*, 2024 (Hymenoptera: Megalyridae) from Kachin amber. *European Journal of Taxonomy*, **976**, 238-254.
<https://doi.org/10.5852/ejt.2025.976.2793>
- Vršanský, P. 2025. Family diagnosis and paleogeography extended by asymmetrically deformed burmite liberiblattinid. *Biologia*, **80**, 937-947.
<https://doi.org/10.1007/s11756-025-01883-x>
- Wang, J., Qiu, R., Chen, Q., Liu, D., Zhang, T., Li, Y., Zhang, X., Wang, B., Hu, D., Ren, D., Wang, X., Xia, X., Zhang, Y., Zhang, W. & Bai, M. 2025. The ultrastructure of the Cretaceous feathers highlights the evolution of the feather. *Science Bulletin*, **70**, 2431-2435.
<https://doi.org/10.1016/j.scib.2025.04.073>
- Wang, W., Zhuo, D., Zheng, Y., Cui, X., Luo, C. & Chen, J. 2025 (on-line). A new genus and two new species of planthopper (Hemiptera, Fulgoromorpha, Mimarachnidae) from the mid-Cretaceous Kachin amber of Myanmar. *Alcheringa*,

<https://doi.org/10.1080/03115518.2025.2466172>

- Wang, X., Yu, K., Selden, P.A., Ren, D. & Guo, X. 2024 on-line. New mid-Cretaceous macrothelids showing a similar living mode to extant Macrothelidae (Araneae: Mygalomorphae). *Journal of Systematics and Evolution*, **63**(3), 583-600.
<https://doi.org/10.1111/jse.13139>
- Wang, Y.-Q., Li, H.-Y., Zhuo, D., Xu, C.-P. & Liu, X.-Y. 2025. A new genus of beaded lacewings (Neuroptera, Berothidae) from the mid-Cretaceous Kachin amber, with implications on the evolution of mouthparts and genital sclerites. *Palaeoentomology*, **8**(4), 459-469.
<https://doi.org/10.11646/palaeoentomology.8.4.13>
- Wang, Z., Rasnitsyn, A.P., Perkovsky, E.E., Vilhelmsen, L. & Gao, T. 2025. New wasps of †Falsiformicidae from mid-Cretaceous Kachin amber. *Journal of Hymenoptera Research*, **98**, 1-18.
<https://doi.org/10.3897/jhr.98.136200>
- Wang, Z., Vilhelmsen, L., Ren, D. & Gao, T. 2025 (on-line). Unique morphological characters and possible mating behavior of a new species of †Praeaulacidae (Hymenoptera: Evanioidea) from Cretaceous Kachin amber. *Journal of Systematics & Evolution*,
<https://doi.org/10.1111/jse.13193>
- Weingardt, M., Liang, F., Boudinot, B.E., Hammel, J.U., Bock, B.L., Yoshizawa, K. & Beutel, R.G. 2025. The first detailed morphological treatment of a Cretaceous psocid and the character evolution of Trogiomorpha (Insecta: Psocodea). *Arthropod Structure & Development*, **85**, 101409, 1-45.
<https://doi.org/10.1016/j.asd.2025.101409>
- Wesener, T. & Rühr, P.T. 2025. Internal gonopod reconstruction in an amber-preserved millipede from the Cretaceous: *Laeviglyphiulus patrickmuelleri* n. gen., n. sp. (Diplopoda, Spirostreptida, Cambalopsidae). *Swiss Journal of Palaeontology*, **144**(16), 1-8.
<https://doi.org/10.1186/s13358-025-00353-w>
- Willmott, L.A., Schall, O.-K. O., Kotthoff, U. & Husemann, M. 2025. New species of Burmese amber Elcanidae (Insecta: Orthoptera) suggest Gondwanan origin and demonstrate ovipositor diversity. *Paläontologische Zeitschrift*, **99**(1), 35-51.
<https://doi.org/10.1007/s12542-025-00717-0>
- Wu, Q., Vilhelmsen, L., Li, X., Zhuo, D., Ren, D. & Gao, T. 2025. A cretaceous fly trap? remarkable abdominal modification in a fossil wasp. *BMC Biology*, **23**(81), 1-9.
<https://doi.org/10.1186/s12915-025-02190-2>
- Wu, Z., Dunlop, J.A., Klimov, P.B., Mai, H., Peng, A. & Liu, Y. 2025. A new whip scorpion (Arachnida: Thelyphonida) with a phoretic mite (Acariformes: Trochometridiidae) from Mid-Cretaceous Kachin amber. *BMC Ecology & Evolution*, **25**(55), 1-10.
<https://doi.org/10.1186/s12862-025-02392-w>

- Xing, L.-D., Jin, Y.-F., Huang, W.-J., Dochev, D., Ma, Z.-H. & McKellar, R. 2025. Newly discovered ammonites in mid-Cretaceous Burmese amber. *Palaeoentomology*, **8**(3), 338-350.
<https://doi.org/10.11646/palaeoentomology.8.3.10>
- Xuan, Q., Prendini, L., Engel, M.S., Cai, C. & Huang, D. 2025. Extinct scorpion family Chaerilobuthidae from mid-Cretaceous Burmese amber reinterpreted as subfamily of extant family Pseudochactidae (Chelicerata: Scorpiones). *Zoological Journal of the Linnean Society*, **203**(1), zlae169, 1-60.
<https://doi.org/10.1093/zoolinnean/zlae169>
- Yamamoto, S. 2025. Staphylinoid beetles in Lower Cretaceous Hkamti amber from northern Myanmar (Coleoptera: Polyphaga: Staphylinoidae): An overview. *Megataxa*, **17**(2), 291-342.
<https://doi.org/10.11646/megataxa.17.2.2>
- Yamamoto, S. & Perreau, M. 2025. *Burmaphagus yamamotoae*, a new genus and species of Ptomaphagini beetles from mid-Cretaceous Kachin amber (Coleoptera: Leiodidae: Cholevinae). *Revue Suisse de Zoologie*, **132**(1), 101-107.
<https://doi.org/10.35929/RSZ.0142>
- Yang, X.-Y., Li, S., Ren, D. & Yao, Y.-Z. 2025. New species of *Concavapsocus* (Psocodea: Psyllipsocidae) from the mid-Cretaceous amber of Myanmar. *Zootaxa*, **5637**(3), 594-600.
<https://doi.org/10.11646/zootaxa.5637.3.7>
- You, Y.-J., Jiang, T., Guan, X.-E., Bieszczad, B. & Szwed, J. 2025. A second progonocimicid (Hemiptera: Coleorrhyncha) from the middle Cretaceous Kachin amber of Myanmar. *Palaeoworld*, **34**(4), 200904, 1-13.
<https://doi.org/10.1016/j.palwor.2024.200904>
- Ythier, E. 2024. new high-altitude scorpion species of the genus *Ananteris* Thorell, 1891 (Scorpiones: Ananteridae) from the Pico da Neblina, Brazil. *Faunitaxys*, **12**(19), 1-9.
[https://doi.org/10.57800/faunitaxys-12\(19\)](https://doi.org/10.57800/faunitaxys-12(19))
- Zhang, H., Han, Y., Ren, D. & Wang, Y. 2025. Three new species of *Microphorites* (Diptera: Dolichopodidae *sensu lato*: Microphorinae) from mid-Cretaceous Burmese amber. *Zootaxa*, **5661**(1), 108-116.
<https://doi.org/10.11646/zootaxa.5661.1.5>
- Zhang, M., Ren, D. & Yao, Y.-Z. 2025. Evolutionary development revealed in discovery of the earliest Saldinae (Heteroptera: Leptopodomorpha: Saldidae) in Cretaceous amber from Myanmar. *Palaeoentomology*, **8**(3), 299-306.
<https://doi.org/10.11646/palaeoentomology.8.3.6>
- Zhang, Y., Labandeira, C.C., Yu, J., Shih, C., Ren, D. & Gao, T. 2024 on-line. Evolution and mandibular sexual dimorphism in mid-Cretaceous scorpionflies (Insecta: Mecoptera: Meropeidae). *Journal of Systematics and Evolution*, **63**(2), 359-368.

<https://doi.org/10.1111/jse.13121>

Zhang, Y.-Y., Ma, J.-Y. & Huang, D.-Y. 2025. Epibiont communities on mid-Cretaceous Burmese amber. *Palaeoentomology*, **8**(3), 235-242.
<https://doi.org/10.11646/palaeoentomology.8.3.1>

Zhang, Y.-Y., Tang, J.-W., Wang, Y. & Wang, S. 2025. Medulla-free barb rami highlight the morphological diversity of early feathers. *Zoological Research*, **46**(4), 773-787.
<https://doi.org/10.24272/j.issn.2095-8137.2024.435>

Zhao, Q., Engel, M.S., Huang, D. & Cai, C. 2025. A Cretaceous sap beetle with specialized mandibles (Coleoptera : Nitidulidae). *Royal Society Open Science*, **12**, 241761, 1-10.
<https://doi.org/10.1098/rsos.241761>

Zhao, W., Ślipinski, A., Ruan, Y., Ren, D. & Wang, Y. 2025. *Cretoathous* gen. nov., a new click beetle (Coleoptera: Elateridae: Dendrometrinae) from mid-Cretaceous Burmese amber. *Annales Zoologici*, **75**(2), 455-474.
<https://doi.org/10.3161/00034541ANZ2025.75.2.004>

Zhuang, Y., Jouault, C., Perichot, V., Wang, B., Liu, Y. & Zhang, Q. 2025. Unveiling the diversity of iron maiden ants: morphological insights from two new Cretaceous species. *Zoological Journal of the Linnean Society*, **204**, zlaf044, 1-10.
<https://doi.org/10.1093/zoolinnean/zlaf044>

Zhuang, Y., Luo, C., Tang, D., Araújo, J.P.M.de, Yu, H., Zhao, J., Haelewaters, D., Nyunt, T.T., Zhang, Q., Jarzembowski, E.A., Meng, G., Ran, H., Liu, Y. & Wang, B. 2025. Cretaceous entomopathogenic fungi illuminate the early evolution of insect–fungal associations. *Proceedings of the Royal Society B*, **292**, 20250407, 1-11.
<https://doi.org/10.1098/rspb.2025.0407>

Zhuang, Y., Perrichot, V., Li, J., Zhuo, D., Liu, Y., Wang, B., Zhang, Q. & Boudinot B.E. 2025. Systematics and early evolution of ants (Hymenoptera: Formicidae): the first male and worker-queen association for †*Gerontoformica*. *Myrmecological News*, **35**, 89-98.
https://doi.org/10.25849/myrmecol.news_035:089

In press (at 31/08/2025)

Haug, J.T., Zippel, A., Haug, G.T. & Haug, C. 2025. Possible fossil larvae of Staphylinidae from Kachin amber and a quantitative morphological comparison indicate that rove beetle larvae partly replaced lacewing larvae. *Insects*, **16**, 610, 1-34.
<https://doi.org/10.3390/insects16090910>

Pełczyńska, A., Blagoderov, V., Krzemiński, W. & Soszyńska, A. (in press). Long story of long antennae: Mesozoic origins of the subfamily Macrocerinae (Diptera: Keroplatidae). *Acta Geologica Sinica*,