

A contribution to the knowledge of amber Dermestidae (Coleoptera: Bostrichoidea) with a list of all known fossil species

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Abstract. The species *Attagenus coziki* sp. nov. from Burmese amber and *Ranolus hrdlickai* sp. nov. from Baltic amber are described, illustrated and compared with similar species. The second known specimen of *Trogoderma larvalis* Háva, Prokop & Herrmann, 2006 from Baltic amber is illustrated. The species *Attagenus gedanicissimus* Bukejs, Háva & Alekseev, 2020 is newly combined as *Ranolus gedanicissimus* (Bukejs, Háva & Alekseev, 2020 comb. nov.) and transferred to the subfamily Orphilinae. The female genitalia of *Cretodermestes palpalis* Deng, Ślipiński, Ren et Pang, 2017 is firstly illustrated. A list of known fossil species is added.

INTRODUCTION

The beetle family Dermestidae (Coleoptera) currently contains 1865 species and subspecies worldwide (Háva 2023). The fossil species were recently studied by the author and other colleagues and were published in the years 2015-2023 (eg. Bukejs & Háva 2018, Bukejs et al. 2020, Háva 2021, 2022, Li et al. 2022).

The present article summarizes new specimens deposited in the author's collection, the collection of the Kaliningrad Regional Amber Museum and the private collection of Artur Michalski and includes descriptions of two new species from Baltic and Burmese ambers.

MATERIAL AND METHODS

Mentioned materials are deposited in:

AMPC Artur Michalski, private collection, Wrocław, Poland;

JHAC Jiří Háva, Private Entomological Laboratory and Collection, Únětice u Prahy, Prague-west, Czech Republic;

KRAM Kaliningrad Regional Amber Museum, Kaliningrad, Russia.

Specimens of the species described here are provided with red, printed labels with text as follows: „HOLOTYPE *species name* sp. nov. Jiří Háva det. 2023.”

RESULTS

BALTIC AMBER

Subfamily Attageninae Tribe Attagenini

Attagenus hoffeinsorum Háva, Prokop & Herrmann, 2006

Material examined: 1 spec., Russia, Yantarnyi, Kaliningrad Region, No. KAM 4418/94, J. Háva det., (KRAM). Complete beetle is included in transparent amber piece.

Remarks. This species is known from Poland and Russia.

Subfamily Megatominae Tribe Anthrenini

Anthrenus sp. larva

Material examined: 1 larva, Russia, Yantarnyi, Kaliningrad Region, No. KAM 5634, J. Háva det., (KRAM). Complete beetle is included in transparent amber piece.

Remarks. Four species of *Anthrenus* from Baltic amber are known. The larva examined was not assigned to a species.

Tribe Megatomini

Globicornis (Hadrotoma) ambericus Háva, Prokop & Herrmann, 2006

Material examined: 1 ♀, Baltic amber (7714), Poland, Gdansk, wyspa Sobieszewska, J. Háva det., (JHAC). Complete beetle is included in transparent amber piece.

Remarks. Syninclusion consist of numerous small to minute organic particles. This species is known from Poland and Russia.

Megatoma electra Zhantiev, 2006

Material examined: 1 ♀, Russia, Yantarnyi, Kaliningrad Region, No. KAM 4897, J. Háva det., (KRAM). Complete beetle is included in transparent amber piece.

Remarks. This species is known from Poland and Russia.

Trogoderma larvalis Háva, Prokop & Herrmann, 2006 (Figs. 1-2)

Material examined: 1 larva, Russia, Yantarnyi, Kaliningrad Region, NO. JDC9692, J. Háva det., (JHAC).

Remarks. Second known specimen. Body length 2.8 mm. This species is known from Russia: Kaliningrad Region.



Figs. 1-2. *Trogoderma larvalis* Háva, Prokop & Herrmann, 2006: 1- habitus, latero-ventral aspect; 2- body, dorsal aspect.

Subfamily Orphilinae
Tribe Ranolini

***Ranolus hrdlickai* sp. nov.**
(Figs. 3-4)

Type material. Holotype (unsexed): Russia, Yantarnyi, Kaliningrad Region, NO. JH1_23, J. Háva det., (JHAC). Syninclusions consist of numerous small to minute organic particles and two Diptera species.

Description. Body (Figs. 3-4) length 2.9 mm (measured anterior margin of pronotum to elytral apex). Body oval, slightly convex dorsally; black throughout entire body; dorsal surface with dense, recumbent brown setae; setae on ventral side thinner than those on dorsal side. Head, pronotum, and elytra with uniform, fine, dense punctures.

Head markedly narrower than anterior pronotal width, hypognathous, slightly declined. Eyes protruding laterally, entire, rounded, coarsely faceted, and widely separated. Single median ocellus located frontally, between eyes. Antenna brown with 11 antennomeres, short; apical three antennomeres forming a distinct club (Fig. 3). Mandibles and palpi dark brown.

Pronotum broad, anterior margin of pronotum arcuate, posterior margin bisinuate; posterior pronotal angle rounded. Posterior part without very short brown setae. Base of prothorax slightly narrower than elytral base.

Prosternum not forming a 'collar. Prosternal process short and narrowed gradually toward apex, rounded apically.

Scutellum large, setose, triangular, with acute apex.

Elytron entire, covering entire abdomen posteriorly. Epipleuron anteriorly broad, well developed, not reaching the apex of the elytron. Elytra in anterior parts slightly deformed by the desiccation process. Each elytron with small humeral bump.

Metasternum with large punctures.

Legs short, brown. Metacoxae strongly transverse, reaching elytral margins laterally. Tarsal formula 5-5-5, simple.

Abdomen with five visible abdominal ventrites; intercoxal process of ventrite 1 below posterior metaventral margin. Ventrite 1 longest; ventrites 2-4 successively shortened; ventrite 5 slightly longer than ventrite 4, rounded at apex.



Figs. 3-4. *Ranolus hrdlickai* sp. nov.: 3- habitus, ventral aspect; 4- holotype in amber inclusion.

Differential diagnosis. The new species is similar to *Ranolus gedanicissimus* (Bukejs, Háva & Alekseev, 2020) (= *Attagenus*) **comb. nov.** (the species newly combined according to the same characters), but differs from it by the very broad epipleura, structure of antennae and form of body.

Etymology. Patronymic, dedicated to my very good friend Jan Hrdlička (Babice u Říčan, Czech Republic).

Subfamily Trinodinae
Tribe Trinodini

***Trinodes* sp. larva**

Material examined: 1 larva, Russia, Yantarnyi, Kaliningrad Region, No. KAM 4418/79, J. Háva det., (KRAM).

Remarks. The larva not assigned to a species, but only one species is described from Baltic amber *Trinodes puetzi* Háva & Prokop, 2006.

BURMESE AMBER

Subfamily Attageninae
Tribe Attagenini

***Attagenus secundus* Deng, Ślipiński, Ren & Pang, 2017**

Material examined: 1 spec., Myanmar, Hukawng Valley, lowermost Cenomanian, J. Háva det., (JHAC); 1 spec., Myanmar, Hukawng Valley, lowermost Cenomanian, J. Háva det., (JHAC).

Remarks. Syninclusions consist of numerous small to minute organic particles. This species is known from Burmese amber.

***Attagenus coziki* sp. nov.**
(Figs. 5-7)

Type material. Holotype (♀): Myanmar, Hukawng Valley, lowermost Cenomanian, (JHAC).

Remarks. Syninclusions consist of numerous small to minute organic particles.

Description. Body (Figs. 5-7) length 2.9 mm (measured anterior margin of pronotum to elytral apex). Body oval, slightly convex dorsally; black throughout entire body; dorsal surface with dense, recumbent black setae; setae on ventral surface thinner than those on dorsal surface. Head, pronotum, and elytra with uniform, fine, dense punctures.

Head markedly narrower than anterior pronotal width, hypognathous, slightly declined. Eyes protruding laterally, entire, rounded, coarsely faceted, and widely separated. Single median ocellus located frontally, between eyes. Antenna brown with 11 antennomeres, short; apical three antennomeres forming a distinct club (Fig. 5). Mandibles and palpi dark brown.

Pronotum broad, anterior margin of pronotum arcuate, posterior margin bisinuate; posterior pronotal angle rounded. Posterior part without very short brown setae. Base of prothorax slightly narrower than elytral base. Dorsally slightly deformed.

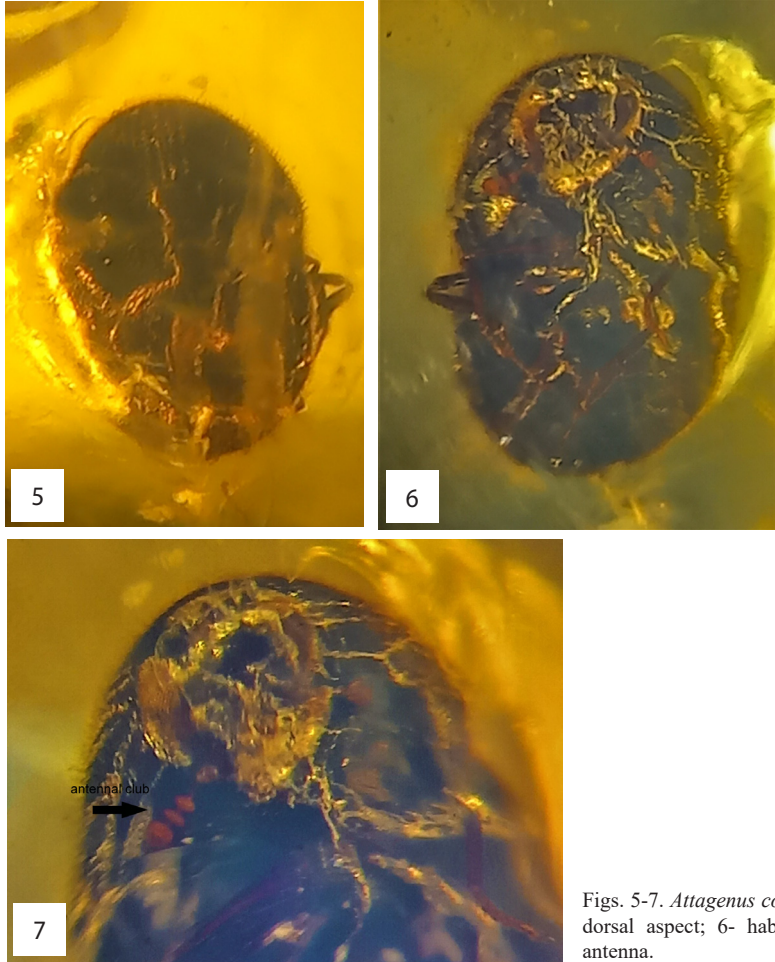
Prosternum not forming a 'collar'. Prosternal process short and narrow, gradually toward apex, rounded apically.

Scutellum small, triangular, with acute apex.

Elytron entire, covering entire abdomen posteriorly. Elytra slightly deformed. Epipleuron well developed, not reaching the apex of the elytron.

Legs short, brown. Tarsal formula 5-5-5, simple.

Abdomen with five visible abdominal ventrites; filely punctate, covered by short black setation.



Figs. 5-7. *Attagenus coziki* sp. nov.: 5- habitus, dorsal aspect; 6- habitus, ventral aspect; 7- antenna.

Differential diagnosis. The genus *Attagenus* Latreille, 1802 from Burmese amber is represented by two known species *Attagenus secundus* Deng, Ślipiński, Ren et Pang, 2017 and *Attagenus lundi* Háva & Damgaard, 2017. The new species differs from the two known species by the characters in following key.

- 1(2) pronotum with very long setation on posterior parts; body length 2.8 mm *Attagenus lundi* Háva & Damgaard, 2017
 2(1) pronotum with short setation on posterior parts
 3(4) median ocellus not clearly visible; body length 2.0-2.2 mm *Attagenus secundus* Deng, Šlipiński, Ren & Pang, 2017
 4(3) median ocellus large and visible; body length 2.9 mm *Attagenus coziki* sp. nov.

Etymology. The new species is dedicated to my friend, František Čožík (Benešov, Czech Republic), specialist in amber inclusions.

Tribe Cretodermestini Deng, Šlipiński, Ren et Pang, 2017

***Cretodermestes palpalis* Deng, Šlipiński, Ren et Pang, 2017**

(Fig. 8)

Material examined: 1 ♀, no. JH/CP/2, Myanmar, Hukawng Valley, lowermost Cenomanian, J. Háva det., (JHAC).

Remarks. The species is known from the holotype (♂) and one additional ♂ specimen (Háva 2020). This is the first time female genitalia of this species are illustrated.

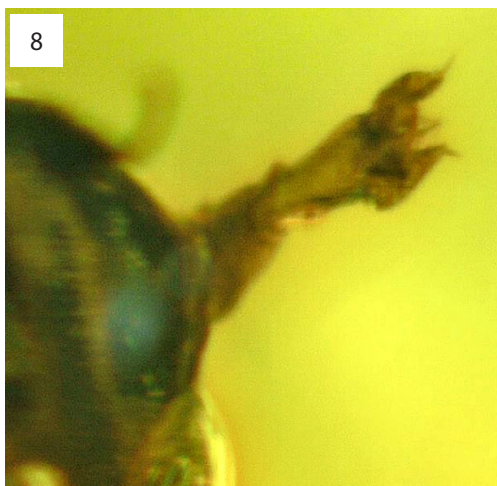


Fig. 8. *Cretodermestes palpalis* Deng, Šlipiński, Ren et Pang, 2017: 8- female genitalia.

Subfamily Megatominae

Tribe Anthrenini

***Anthrenus (Nathrenus) larvalis* (Cockerell, 1917)**

Material examined: 1 larva, No.B2.la, Myanmar, Hukawng Valley, lowermost Cenomanian, (JHAC); 1 larva, No.B3.la, Myanmar, Hukawng Valley, lowermost Cenomanian, (JHAC); 1 larva, No.B4.la, Myanmar, Hukawng Valley, lowermost Cenomanian, (JHAC); 1 larva, Myanmar, Hukawng Valley, lowermost Cenomanian, (AMPC).

Remarks. This species is known only from larvae from Burmese amber.

Tribe Megatomini

Cretomegatoma atypica (Deng, Slipinski, Ren & Pang, 2017)

Material examined: 1 spec. no. JH/AT/2, Myanmar, Hukawng Valley, lowermost Cenomanian, J. Háva det., (JHAC); 1 spec., no. JH/AT/3, Myanmar, Hukawng Valley, lowermost Cenomanian, J. Háva det., (JHAC); 1 spec., no. JH/AT/4, Myanmar, Hukawng Valley, lowermost Cenomanian, J. Háva det., (JHAC).

Remarks. Syninclusions consist of numerous small to minute organic particles. This species is known from Burmese amber (Háva 2021).

Trogoderma sp.

(Fig. 9)

Material examined: 1 spec. no. JH/TR/1, Myanmar, Hukawng Valley, lowermost Cenomanian, J. Háva det., (JHAC).



Fig. 9. Undescrbed *Trogoderma* larva: 10-habitus, dorsal aspect.

Remarks. The examined larva represents a new species from Burmese amber. Species here not detailed described. Because the head is missing, the species will not be described in this paper. Body length 2.0 mm.

DOMINICAN AMBER

Subfamily Megatomini
Tribe Megatomini

Cryptorhopalum sp.
(Figs. 10-11)

Material examined: 1 larva, Dominican Republic, Santiago, La Roca mines, J. Háva det., (JHAC).

Remarks. The larva cannot be assigned to the described species. Body length 5.2 mm. Syninclusions consist of numerous organic particles and one Diptera specimen.



Figs. 10-11. Undescribed *Cryptorhopalum* larva: 9- habitus, lateral aspect; 10- larva in amber inclusion.

LIST OF DERMESTIDAE FOSSIL SPECIES

Abbreviations:

AS	Asia
EU	Europe
AMN	north America
AM	central and south America
†	fossil

Subfamily Dermestinae
Tribe Dermestini

Genus *Dermestes* Linnaeus, 1758

- †*Dermestes* sp.: Larsson, 1978
Distribution: (fossil: Baltic amber)
- †*Dermestes* sp.: Spahr, 1981
Distribution: (fossil: Baltic amber)

Subgenus *Dermestes* Linnaeus, 1758

- †*Dermestes progenitor* Zhantiev, 2006
Distribution: EU: Russia (fossil: Baltic amber)
- †*Dermestes vetustus* Zhantiev, 2006
Distribution: EU: Ukraine (fossil: Rovno amber)

incertae sedis

- †*Dermestes pauper* Heer, 1847
Distribution: EU: Germany (fossil: Early Miocene)
- †*Dermestes tertarius* Wickham, 1912
Distribution: AMN: U.S.A.: Colorado (fossil: Early Oligocene: Florissant)

Tribe Paradermestini

†Genus *Paradermestes* Deng, Ślipiński, Ren & Pang, 2017

- †*Paradermestes jurassicus* Deng, Ślipiński, Ren & Pang, 2017
Distribution: AS: China: Inner Mongolia (fossil: Middle Jurassic)

Subfamily Orphilinae
Tribe Orphilini

Genus *Orphilus* Erichson, 1846

- †*Orphilus dubius* Wickham, 1912
Distribution: AMN: U.S.A.: Colorado (fossil: Early Oligocene: Florissant)

***Orphilus* larvae**

- †*Orphilus* sp. Peñalver et al. 2023
Distribution: EU: Spain (fossil: Cretaceous)

Tribe Ranolini

Genus *Ranolus* Blair, 1929

Syn.: *Nothattagenus* Li & Cai, 2022

†*Ranolus burmiticus* (Cai, Háva & Huang, 2017)

Syn.: *Attagenus burmiticus* Cai, Háva & Huang, 2017

Nothattagenus burmiticus: Li et al., 2022

Nothattagenus burmiticus: Ross, 2023

Distribution: AS: Myanmar (fossil: Cretaceous: Burmese amber)

†*Ranolus gedanicissimus* (Bukejs, Háva & Alekseev, 2020) **comb. nov.**

Syn.: *Attagenus gedanicissimus* Bukejs, Háva & Alekseev, 2020

Distribution: EU: Russia (fossil: Baltic amber);

Ukraine (fossil: Rovno amber)

†*Ranolus hrdlickai* **sp. nov.**

Distribution: EU: Russia (fossil: Baltic amber);

Subfamily Trinodinae Tribe Cretonodini

†**Genus *Cretonodes* Kirejtshuk & Azar in Kirejtshuk et al., 2009**

†*Cretonodes antounazari* Kirejtshuk & Azar in Kirejtshuk et al., 2009

Distribution: AS: Lebanon (fossil: Lebanese amber)

Tribe Trinodini

Genus *Evorinea* Beal, 1961

†*Evorinea amberica* Háva, Prokop & Herrmann, 2008

Distribution: EU: Russia: Kaliningrad (fossil: Baltic amber)

†**Genus *Oisenodes* Kirejtshuk, Háva & Nel, 2010**

†*Oisenodes azari* Kirejtshuk, Háva & Nel, 2010

Distribution: EU: France (fossil: French amber)

†*Oisenodes clavatus* Kirejtshuk, Háva & Nel, 2010

Distribution: EU: France (fossil: French amber)

†*Oisenodes gallicus* Kirejtshuk, Háva & Nel, 2010

Distribution: EU: France (fossil: French amber)

†*Oisenodes metasternalis* Kirejtshuk, Háva & Nel, 2010

Distribution: EU: France (fossil: French amber)

†*Oisenodes oisensis* Kirejtshuk, Háva & Nel, 2010

Distribution: EU: France (fossil: French amber)

†*Oisenodes transversus* Kirejtshuk, Háva & Nel, 2010
Distribution: EU: France (fossil: French amber)

Genus *Trinodes* Dejean, 1821

†*Trinodes* sp.: Larsson, 1978
Distribution: (fossil: Baltic amber)

†*Trinodes* sp.: Spahr, 1981
Distribution: (fossil: Baltic amber)

†*Trinodes puetzi* Háva & Prokop, 2006
Distribution: EU: Russia: Kaliningrad (fossil: Baltic amber)

Trinodinae larvae

†*Apsectus* sp.: Poinar & Háva, 2015
Distribution: AM: Dominican Republic (fossil: Dominican amber)

†*Trinodes* larva sp.: Kadej & Háva, 2011
Distribution: EU: Poland (fossil: Baltic amber)

†*Trinodes* larva sp.: Háva & Bukejs, 2018
Distribution: EU: Russia (fossil: Baltic amber)

Subfamily Attageninae Tribe Attagenini

Genus *Aetriostoma* Motschulsky, 1858

†*Aetriostoma turonianensis* (Peris & Háva, 2016)
Distribution: AMN: U.S.A.: New Jersey (fossil: Late Cretaceous: Turonian amber)

Genus *Attagenus* Latreille, 1802

†*Attagenus* sp.: Larsson, 1978
Distribution: (fossil: Baltic amber)

†*Attagenus* sp.: Spahr, 1981
Distribution: (fossil: Baltic amber)

†*Attagenus* sp.: Peris et al. 2016
Distribution: (fossil: Cretaceous)

†*Attagenus ambericus* Háva & Prokop, 2004
Distribution: AM: Dominican Republic (fossil: Dominican amber)

- †*Attagenus balticus* Háva, Prokop & Herrmann, 2008
 Syn.: *Attagenus balticus*: Háva & Alekseev, 2015
 Distribution: EU: Germany (fossil: Bitterfeld amber);
 Russia: Kaliningrad (fossil: Baltic amber)
- †*Attagenus coziki* **sp. nov.**
 Distributios: AS: Burma (fossil: Cretaceous: Burmese amber)
- †*Attagenus secundus* Deng, Ślipiński, Ren & Pang, 2017
 Distributios: AS: Burma (fossil: Cretaceous: Burmese amber)
- †*Attagenus electron* Poinar & Háva, 2015
 Distribution: AM: Dominican Republic (fossil: Dominican amber)
- †*Attagenus gorskii* Háva, 2014
 Syn.: *Attagenus gorskii*: Háva, 2022
Attagenus gorskii: Alekseev, 2022
 Distribution: EU: Poland: Gdańsk (fossil: Baltic amber);
 Russia: Kaliningrad (fossil: Baltic amber)
- †*Attagenus hoffeinsorum* Háva, Prokop & Herrmann, 2006
 Syn.: *Attagenus hoffeinsorum*: Háva, Prokop & Herrmann, 2008:156
Attagenus hoffeinsorum: Háva, 2014
Attagenus hoffeinsorum: Háva & Bukejs, 2018
Attagenus hoffeinsorum: Háva, 2022
 Distribution: EU: Poland: Gdańsk (fossil: Baltic amber);
 Russia: Kaliningrad (fossil: Baltic amber)
- †*Attagenus lundi* Háva & Damgaard, 2017
 Distribution: AS: Burma (fossil: Cretaceous: Burmese amber)
- †*Attagenus obesus* Háva, Prokop & Herrmann, 2008
 Distribution: EU: Russia: Kaliningrad (fossil: Baltic amber)
- †*Attagenus yantarnyi* Háva & Bukejs, 2012
 Distribution: EU: Russia: Kaliningrad (fossil: Baltic amber)

incertae sedis

- †*Attagenus aboriginalis* Wickham, 1913
 Distribution: AMN: U.S.A.: Colorado (fossil: Early Oligocene: Florissant)
- †*Attagenus extinctus* C. Heyden & L. Heyden, 1865
 Distribution: EU: Germany (fossil: Middle Miocene)
- †*Attagenus sopitus* Scudder, 1900
 Distribution: AMN: U.S.A.: Colorado (fossil: Early Oligocene: Florissant)

†Genus *Cretoattagenus* Háva, 2020

- †*Cretoattagenus coziki* Háva, 2020
 Distributios: AS: Burma (fossil: Cretaceous: Burmese amber)

Tribe Cretodermestini

†Genus *Cretodermestes* Deng, Ślipiński, Ren & Pang, 2017

- †*Cretodermestes palpalis* Deng, Ślipiński, Ren & Pang, 2017
Syn.: *Cretodermestes palpalis*: Háva, 2020
Distributios: AS: Burma (fossil: Cretaceous: Burmese amber)

Tribe Eckfeldattagenini

†Genus *Eckfeldattagenus* Háva & Wappler, 2014

- †*Eckfeldattagenus eocenicus* Háva & Wappler, 2014
Distribution: EU: Germany (fossil: Eocene: Eckfelder maar)

Subfamily Megatominiae

Tribe Anthrenini

Genus *Anthrenus* Gistel, 1848

- †*Anthrenus* sp.: Larsson, 1978
Distribution: (fossil: Baltic amber)
†*Anthrenus* sp.: Spahr, 1981
Distribution: (fossil: Baltic amber)
†*Anthrenus* sp.: Háva, 2022
Distribution: EU: Poland, Russia (fossil - larva: Baltic amber)

Subgenus *Nathrenus* Casey, 1900

- †*Anthrenus ambericus* Háva, Prokop & Herrmann, 2006
Syn.: *Anthrenus ambericus*: Háva & Alekseev, 2015
Anthrenus ambericus: Háva, 2022
Distribution: EU: Germany (fossil: Bitterfeld amber);
Russia: Kaliningrad (fossil: Baltic amber)
†*Anthrenus electron* Háva, Prokop & Kadej, 2006
Syn.: *Anthrenus electron*: Háva & Bukejs, 2018
Anthrenus electron: Kosmowska-Ceranowicz, 2001
Distribution: EU: Poland: Gdańsk (fossil: Baltic amber)
Russia: Kaliningrad (fossil: Baltic amber)
†*Anthrenus groehni* Háva, Prokop & Herrmann, 2006
Syn.: *Anthrenus groehni*: Háva & Alekseev, 2015
Anthrenus groehni: Háva, 2022
Distribution: EU: Poland: Gdańsk (fossil: Baltic amber)
Russia: Kaliningrad (fossil: Baltic amber)

- †*Anthrenus kerneggeri* Háva, Prokop & Herrmann, 2008
 Syn.: *Anthrenus kerneggeri*: Háva, 2022
 Distribution: EU: Poland: Gdańsk (fossil: Baltic amber)
 Russia: Kaliningrad (fossil: Baltic amber)
- †*Anthrenus larvalis* (Cockerell, 1917)
 Syn.: *Dermestes larvalis* Cockerell, 1917
Dermestes larvalis: Ross & York, 2000
Anthrenus larvalis: Háva, 2022
Anthrenus larvalis: Ross, 2023
 Distribution: AS: Myanmar (fossil - larva: Early Cretaceous: Burmese amber)

Tribe Megatomini

Genus *Cryptorhopalum* Guérin-Ménéville, 1838

- †*Cryptorhopalum ambericum* Háva & Prokop, 2004
 Distribution: AM: Dominican Republic (fossil: Dominican amber)
- †*Cryptorhopalum dominicanum* Háva & Prokop, 2004
 Distribution: AM: Dominican Republic (fossil: Dominican amber)
- †*Cryptorhopalum electron* Beal, 1972
 Distribution: AMN: Mexico: Chiapas (fossil: Mexican amber);
 AM: Dominican Republic (fossil: Dominican amber)
- †*Cryptorhopalum jantanicum* Háva & Prokop, 2004
 Distribution: AM: Dominican Republic (fossil: Dominican amber)
- †*Cryptorhopalum kaliki* Poinar & Háva, 2015
 Distribution: AM: Dominican Republic (fossil: Dominican amber)
- †*Cryptorhopalum macieji* Poinar & Háva, 2015
 Distribution: AM: Dominican Republic (fossil: Dominican amber)

Cryptorhopalum larvae

- †*Cryptorhopalum?* sp.: Grimaldi et al., 2018
 Distribution: AM: Alaska (fossil: Paleogene: Alaskan amber)

Genus *Miocryptorhopalum* Pierce, 1960

- †*Miocryptorhopalum kirkbyae* Pierce, 1960
 Distribution: AMN: U.S.A.: California (fossil: Miocene)

Genus *Orphinus* Motschulsky, 1858

- †*Orphinus* sp.: Larsson, 1978
 Distribution: (fossil: Baltic amber)

†*Orphinus* sp.: Spahr, 1981
Distribution: (fossil: Baltic amber)

Genus *Globicornis* Latreille in Cuvier, 1829

†*Globicornis* sp.: Larsson, 1978
Distribution: (fossil: Baltic amber)

†*Globicornis* sp.: Spahr, 1981
Distribution: (fossil: Baltic amber)

Subgenus *Globicornis* Latreille in Cuvier, 1829

†*Globicornis groehni* Bukejs & Háva, 2018
Distribution: EU: Russia: Kaliningrad (fossil: Baltic amber)

†*Globicornis rakovici* Háva, 2008
Distribution: EU: Russia: Kaliningrad (fossil: Baltic amber)

Subgenus *Hadrotoma* Erichson, 1846

†*Globicornis ambericus* Háva, Prokop & Herrmann, 2006
Syn.: *Globicornis ambericus*: Háva & Bukejs, 2018
Distribution: EU: Poland: Gdańsk (fossil: Baltic amber)
Russia: Kaliningrad (fossil: Baltic amber)

†*Globicornis ingelehmannae* Háva & Damgaard, 2015
Distribution: EU: Russia: Kaliningrad (fossil: Baltic amber)

Genus *Cretomegatoma* Háva, 2021

†*Cretomegatoma atypica* (Deng, Slipinski, Ren & Pang, 2017)
Syn.: *Megatoma atypica* Deng, Slipinski, Ren & Pang, 2017
Cretomegatoma atypica: Háva, 2021
Distributios: AS: Burma (fossil: Cretaceous: Burmese amber)

Genus *Megatoma* Herbst, 1791

†*Megatoma* sp.: Hieke & Pietrzeniuk, 1984
Distribution: (fossil: Baltic amber)

Subgenus *Megatoma* Herbst, 1791

†*Megatoma electra* Zhantiev, 2006
Syn.: *Megatoma electra*: Háva & Alekseev, 2015
Megatoma electra: Háva & Bukejs, 2018
Megatoma electra: Háva, 2022

Distribution: EU: Poland: Gdańsk (fossil: Baltic amber)
Russia: Kaliningrad (fossil: Baltic amber)

Genus *Amberoderma* Háva & Prokop, 2004

†*Amberoderma beali* Háva & Prokop, 2004
Syn.: *Amberoderma beali*: Poinar & Háva, 2015
Distribution: AM: Dominican Republic (fossil: Dominican amber)

Genus *Caccoleptus* Sharp, 1902

Subgenus *Biccacoleptus* Háva, 2004

†*Caccoleptus prokopi* Poinar & Háva, 2015
Distribution: AM: Dominican Republic (fossil: Dominican amber)

Subgenus *Caccoleptus* Sharp, 1902

†*Caccoleptus electron* Poinar & Háva, 2015
Distribution: AM: Dominican Republic (fossil: Dominican amber)

Genus *Phradonoma* Jacquelin du Val, 1859

†*Phradonoma ambericum* Háva, Prokop & Herrmann, 2008
Syn.: *Phradonoma ambericum*: Háva, 2022
Distribution: EU: Poland: Gdańsk (fossil: Baltic amber)
Russia: Kaliningrad (fossil: Baltic amber)

Genus *Tuberphradonoma* Háva, 2021

†*Tuberphradonoima burmitica* Háva, 2021
Distribution: AS: Burma (fossil: Cretaceous: Burmese amber)
†*Tuberphradonoma secunda* Háva, 2022
Syn.: *Tuberphradonoma secunda*: Ross, 2023
Distribution: AS: Burma (fossil: Cretaceous: Burmese amber)

Genus *Trogoderma* Dejean, 1821

†*Trogoderma* sp.: Hieke & Pietrzeniuk, 1984
Distribution: (fossil: Baltic amber)
†*Trogoderma ainu* Perkovsky, Háva & Zaitsev, 2021
Distribution: EU: Russia: Sakhalin (fossil: Sakhalinian amber)

†*Trogoderma larvalis* Háva, Prokop & Herrmann, 2006
Distribution: EU: Russia: Kaliningrad (fossil: Baltic amber)

Megatominae larvae

- †Genus sp.: Poinar & Poinar, 2016
Distribution: AS: Myanmar (fossil: Cretaceous: Burmese amber)
- †Genus sp.: Poinar, 2019
Distribution: AS: Myanmar (fossil: Cretaceous: Burmese amber)
- †Genus sp.: Batelka et al., 2021
Distribution: AS: Myanmar (fossil: Cretaceous: Burmese amber)
- †Genus sp.: Peris & Rust, 2019
Distribution: AS: Myanmar (fossil: Cretaceous: Burmese amber)
- †*Trogoderma*-like sp.: Peñalver et al., 2017
Distribution: AS: Myanmar (fossil: Cretaceous: Burmese amber)
- †*Trogoderma*-like sp.: Schmidt et al., 2018
Distribution: AS: New Zealand (fossil: Miocene: New Zealand amber)

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