

Subfamily: Trinodinae Casey, 1900

Tribe: Cretonodini Kirejtshuk & Azar in Kirejtshuk et al., 2009:121

Type genus: *Cretonodes* Kirejtshuk & Azar in Kirejtshuk et al., 2009:121

12. Genus: *Cretonodes* Kirejtshuk & Azar in Kirejtshuk et al., 2009:121 [NT 1]

Type species: *Cretonodes antounazari* Kirejtshuk & Azar in Kirejtshuk et al., 2009:121

List of species

†*Cretonodes antounazari* Kirejtshuk & Azar in Kirejtshuk et al., 2009:121 [MNHN]

Syn.: *Cretonodes antounazari*: Maksoud et al., 2022:738

Distribution: **AS**: Lebanon (fossil: Lebanese amber)

Tribe: Thylodriini Semenov-Tian-Shanskiy, 1909:25

Type genus: *Thylotrias* Motschulsky, 1839:75

Syn.: Thelydriini Semenov-Tian-Shanskiy, 1913:498

Cyphonoidea: Forbes, 1926:114

Thylotriinae Winkler, 1926:675

Thylotriadinae Mroczkowski, 1954c:10

Thylotriini Beal, 1959a:99

Thylotrioidea Franciscolo, 1975:144

Thylotriidae Franciscolo, 1975:144

Thylotriadinae [sic!]: Shin & Kim, 2002:1

Thylotriadini [sic!]: Háva, 2004h:152

Thylotriini: Lawrence & Ślipiński, 2005:250

Thylotriadini [sic!]: Alonso, 2014:448

13. Genus *Thylotrias* Motschulsky, 1839:75 [NT 1]

Type species: *Thylotrias contractus* Motschulsky, 1839:76

Syn.: *Thelodrias* Agassiz & Erichson, 1848:161 - Type species: *Thylotrias contractus*
Motschulsky, 1839:76

Thelydrias Agassiz, 1846:368 - Type species: *Thylotrias contractus* Motschulsky, 1839:76

Thelydrias [sic!]: Reitter, 1894b:1

Ignotus Slosson, 1903:187 - Type species: *Ignotus aenigmaticus* Slosson, 1903:187

Thelydrias [sic!]: Reitter, 1906:297

Hospitopterus Pic, 1921a:54 - Type species: *Hospitopterus efflatouni* Pic, 1921a:54

Thylotrias [sic!]: Pierce, 1960:47

List of species

Thylotrias contractus Motschulsky, 1839:76 [ZMUM]

Syn.: *Thelydrias* [sic!] *contractus*: Reitter, 1894b:7

Ignotus aenigmaticus Slosson, 1903:187 [CUIC]

Thelydrias [sic!] *contractus*: Reitter, 1906:297

Hospitopterus efflatouni Pic, 1921a:54 [MNHN]

Hospitopterus efflatouni: Pic, 1931c:135 (female)

Thelydrias [sic!] *contractus*: Pic, 1931c:136

Thylotrias contractus: Obenberger, 1933:244

Thylotrias contractus: Barber, 1947:344

Thylotrias contractus: Barber, 1948:478

Thelydrias [sic!] *contractus*: Gussakovskiy, 1949:332

Thylotrias contractus: Franciscolo, 1975:142

Thylotrias contractus: Mertins, 1981:576

Thylodrias contractus: Shin & Kim, 2002:1
Thilodrias [sic!] *contractus*: Pokorný et al. 2009:37
Thylodrias contractus: Jiang et al., 2012:16

Thylodrias contractus: Kekkey & VanRyckeghem, 2016:60

Larva: Korschefsky 1944b:147; Rack, 1962:352; Kiselyova & McHugh, 2006:473

Distribution: **EU**; **AF**: Algeria; Egypt; Tunisia; Morocco; **AS**: „Caucasus“; China; Iran;
Japan; Kazakhstan; South Korea (intr.); Kyrgyzstan; Russia; Turkmenistan;
AMN (intr.): Canada; Hawaiian Is.; U.S.A.; **AM** (intr.): Brazil; Venezuela;
AU (intr.): Australia

Tribe Trichelodini Peacock, 1978:344

Type genus: *Trichelodes* Carter, 1935:189

Syn.: Trichelodini Peacock, 1978:344
Trichelodina Zhantiev, 2000:307
Trichelodini: Háva, 2004h:152
Trichelodini: Lawrence & Ślipiński, 2005:250

14. Genus *Hexanodes* Blair, 1941:15

[NT 1]

Type species: *Hexanodes hudsoni* Blair, 1941:15

Syn.: *Hexanodes*: Peacock, 1978:346
Hexanodes: Lawrence & Ślipiński, 2005:250

List of species

Hexanodes vulgata (Broun, 1880:342)

Syn.: *Ochina vulgata* Broun, 1880:342 [BMNH]
Hexanodes hudsoni Blair, 1941:15 [BMNH]
Trichelodes vulgata: Peacock, 1978:346
Hexanodes vulgata: Lawrence & Ślipiński, 2005:250

Larva: Blair, 1941:16

Distribution: **AU**: New Zealand

15. Genus *Trichelodes* Carter, 1935:189

[NT 2]

Type species: *Trichelodes delicatula* Carter, 1935:189

Syn.: *Trichelodes*: Peacock, 1978:346
Trichelodes: Lawrence & Ślipiński, 2005:250

List of species

Trichelodes caledonicus Háva, 2019i:325

Distribution: **AU**: New Caledonia

[MNHN]

Trichelodes delicatula Carter, 1935:189

Syn.: *Trichelodes delicatula*: Háva, 2019i:324
Distribution: **AU**: Australia: New South Wales, Queensland

[MAMU]

16. Genus *Trichodryas* Lawrence & Ślipiński, 2005:242

[NT 3]

Type species: *Trichodryas esoterica* Lawrence & Ślipiński, 2005:246

Syn.: *Prothylodrias* Lawrence et al. 1999a (nn) [only figures of habitus]

List of species

- Trichodryas esoterica* Lawrence & Ślipiński, 2005:246 [ANIC]
 Distribution: **AS**: Brunei; Indonesia: Borneo; Malaysia: Pahang, Sarawak; Singapore
- Trichodryas lawrencei* Háva, 2008e:58 [NMPC]
 Distribution: **AS**: Malaysia: Sabah
- Trichodryas slipinskii* Lin & Yang, 2012:68 [CAIZ]
 Distribution: **AS**: China: Yunnan
- Tribe**: Trinodini Casey, 1900:140
- Syn.: Trinodina Zhantiev, 2000:307
 Trinodini: Háva, 2004h:151
 Trinodini: Lawrence & Ślipiński, 2005:250
- 17. Genus *Apsectus* LeConte, 1854:107** [NT 10]
- Type species: *Syncalypta hispida* Melsheimer, 1844:117
- Syn.: *Aspectus* [sic!]: Beal, 1959b:132
- List of species
- Apsectus araneorum* Beal, 1959b:135 [USNM]
 Larva: Beal, 1959b:135; Beal, 1991b:436; Kiselyova & McHugh, 2006:473
 Distribution: **AMN**: U.S.A.: Arizona, Florida, Utah
- Apsectus brunneus* Háva & Solervicens, 2013:70 [MNNC]
 Distribution: **AM**: Chile
- Apsectus centralis* Sharp, 1902:669 [BMNH]
 Syn.: *Apsectus centralis*: Háva, 2012k:562
 Distribution: **AM**: Costa Rica; Guatemala; Panama
- Apsectus dichromus* Beal, 1959b:136 [USNM]
 Syn.: *Apsectus dichroma* [sic!]: Beal, 1959b:135
 Distribution: **AM**: Panama; Trinidad
- Apsectus hispidus* (Melsheimer, 1844:117) [MCZC]
 Syn.: *Syncalypta hispida* Melsheimer, 1844:117
Apsectus hispidus: LeConte, 1854:113
 Larva: Böving & Craighead, 1931:266; Rees, 1943:6; Beal, 1959b:134;
 Kiselyova & McHugh, 2006:473
 Distribution: **AMN**: U.S.A.: Florida, Maryland, Texas
- Apsectus hystrix* Sharp, 1902:668 [BMNH]
 Syn.: *Apsectus hystrix*: Háva, 2012k:562
 Larva: Kadej, 2012c:127
 Distribution: **AMN**: Mexico
- Apsectus kaliki* Háva, 2012k:562 [BMNH]
 Distribution: **AM**: Guyana
- Apsectus mexicanus* (Reitter, 1881a:60) [?]
 Syn.: *Trinodes mexicanus* Reitter, 1881a:60
Apsectus mexicanus: Arrow, 1915b:449
Apsectus hystrix: Arrow, 1915b:449
Apsectus mexicanus: Beal, 1959b:136

- Apsectus mexicanus*: Háva, 2012k:563
Distribution: **AMN**: Mexico
- Apsectus minutus* Sharp, 1902:669 [BMNH]
Distribution: **AMN**: Mexico
- Apsectus obscurus* Sharp, 1902:669 [BMNH]
Distribution: **AMN**: Mexico
- 18. Genus *Evorinea* Beal, 1961:118** [NT 16]
- Type species: *Apsectus iota* Arrow, 1915b:449
- Syn.: *Evorinea* Beal, 1959:132 (not valid description - type species not designated)
- List of species
- Evorinea afghana* Háva, 2016f:75 [JHAC]
Distribution: **AS**: Afghanistan
- †*Evorinea amberica* Háva, Prokop & Herrmann, 2008:152 [GPIH]
Distribution: **EU**: Russia: Kaliningrad (fossil: Baltic amber)
- Evorinea bicolorata* (Pic, 1939a:144) [MNHN]
Syn.: *Trinodes bicoloratus* Pic, 1939a:144
Trinodes bicoloratus: Shaumar et al., 1990:26
Evorinea bicolorata: Háva, 2003e:50
Distribution: **AF**: Egypt
- Evorinea curta* (Pic, 1894d:119) [MNHN]
Syn.: *Trinodes curtus* Pic, 1894a:19 (nn)
Trinodes curtus Pic, 1894d:119
Evorinea curta: Háva, 2003e:50
Distribution: **AF**: Algeria
- Evorinea flava* (Motschulsky, 1863:433) [ZMUM]
Syn.: *Trinodes flavus* Motschulsky, 1863:433
Evorinea flava: Háva, 2007c:57
Trinodes dilutus Reitter (un): Háva, 2007ch:167
Larva: Priesner, 1940:3
Distribution: **AF**: Egypt; Eritrea; Sudan; Tchad; Tunisia; **AS**: Israel; Syria
- Evorinea hirtella* (Walker, 1858:207) [BMNH]
Syn.: *Trinodes hirtellus* Walker, 1858:207
Evorinea hirtella: Beal, 1961:118
Distribution: **AS**: India: Kerala; Malaysia; Nepal; Sri Lanka
- Evorinea indica* (Arrow, 1915b:450) [BMNH]
Syn.: *Apsectus indicus* Arrow, 1915b:450
Evorinea indica: Beal, 1961:118
Evorinea hisamatsui Ohbayashi, 1977:357 [EUMJ]
Evorinea indica: Veer & Rao, 2000:294
Evorinea hisamatsui [sic!]: Yan et al., 2010:214
Larva: Veer & Rao, 2000:295
Distribution: **AS**: China: Guangdong, Hong Kong; India: Goa, Karnataka, Madhya Pradesh, Maharashtra, Rajasthan, Sikkim, Uttar Pradesh; Nepal; Pakistan; Japan; Taiwan
- Evorinea iota* (Arrow, 1915b:449) [BMNH]
Syn.: *Apsectus iota* Arrow, 1915b:449 [MNHN]
Trinodes minor Pic, 1922:6

- Trinodes niger* Matsumura & Yokoyama, 1928b:53 [YOKC]
Aspectus [sic!] *minor*: Kalík, 1954:369
Evorinea iota: Beal, 1961:112
Trinodes cf. *minor*: Vinson, 1967:327
Evorinea minor: Mroczkowski, 1968:157
Evorinea iota: Háva, 2004h:159
Evorinea iota: Háva & Herrmann, 2009b:21
Evorinea iota: Háva, 2019i:324
Distribution: **AF**: Kenya; Reunion; **AS**: Bali; Cambodia; Japan; Java; Malaysia: Pahang, Sarawak; Myanmar; Philippines; Sri Lanka; Sulawesi; Sumatra; Taiwan; Thailand; Vietnam; **AU**: Australia: Queensland; Caroline Is.; Cook Is.; Kiribati (Gilbert Is.); Mariana Is.; Palau; Papua New Guinea; Ponape; Tanimbar Is.; Tonga; Truk; West Papua
- Evorinea luzonica* Háva, 2016f:75 [JHAC]
Distribution: **AS**: Philippines: Luzon
- Evorinea madagascariensis* Háva, 2002e:32 [JHAC]
Distribution: **AF**: Madagascar; Mauritius
- Evorinea marie* Háva, 2005i:79 [JHAC]
Distribution: **AF**: Madagascar
- Evorinea nepalica* Háva, 2016f:77 [JHAC]
Distribution: **AS**: Nepal
- Evorinea paraindica* Háva, 2016f:76 [NMED]
Distribution: **AS**: India: Uttaranchal
- Evorinea rufotestacea* (Pic, 1952a:9) [MNHN]
Syn.: *Trinodes rufotestaceus* Pic, 1952a:9
Evorinea rufotestacea: Háva, 2003e:51
Distribution: **AF**: Congo; Gambia; Ghana; Guinea; Ivory Coast; Kenya; Namibia; Tchad ?
- Evorinea smetanai* Herrmann, Háva & Zhang, 2011:132 [CAIQ]
Syn.: *Evorinea smetanai*: Zhang et al., 2016:70
Distribution: **AS**: China: Yunnan
- Evorinea villosa* (Boheman, 1851:584) [NHRS]
Syn.: *Trinodes villosus* Boheman, 1851:584
Evorinea villosa: Háva, 2015e:1
Distribution: **AF**: South Africa: Natal
- 19. genus *Oisenodes* Kirejtshuk, Háva & Nel, 2010:55** [NT 6]
- Type species: *Oisenodes gallicus* Kirejtshuk, Háva & Nel, 2010:57
- List of species
- †*Oisenodes azari* Kirejtshuk, Háva & Nel, 2010:60 [MNHN]
Distribution: **EU**: France (fossil: French amber)
- †*Oisenodes clavatus* Kirejtshuk, Háva & Nel, 2010:61 [MNHN]
Distribution: **EU**: France (fossil: French amber)
- †*Oisenodes gallicus* Kirejtshuk, Háva & Nel, 2010:57 [MNHN]
Distribution: **EU**: France (fossil: French amber)
- †*Oisenodes metasternalis* Kirejtshuk, Háva & Nel, 2010:63 [MNHN]

- Distribution: **EU**: France (fossil: French amber)
- †*Oisenodes oisensis* Kirejtshuk, Háva & Nel, 2010:64 [MNHN]
 Distribution: **EU**: France (fossil: French amber)
- †*Oisenodes transversus* Kirejtshuk, Háva & Nel, 2010:67 [MNHN]
 Distribution: **EU**: France (fossil: French amber)
- 20. Genus *Trinodes* Dejean, 1821:47** [NT 24]
- Type species: *Nitidula hirta* Fabricius, 1781:93
- Syn.: *Trinodus* Gistel, 1856:363 - Type species: *Nitidula hirta* Fabricius, 1781:93
- List of species
- Trinodes albohirsutus* Kalík, 1965:222 [MRAC]
 Distribution: **AF**: Kenya; Tanzania
- Trinodes amamiensis* Ohbayashi, 1977:355 [KSMJ]
 Distribution: **AS**: Japan: Amami Is.; Taiwan
- Trinodes caneparii* Herrmann & Háva, 2013f:172 [AHEC]
 Distribution: **AF**: Kenya, Malawi; Tanzania
- Trinodes cechovskyi* Háva, 2019g:14 [JHAC]
 Distribution: **AS**: Malaysia
- Trinodes chadensis* Háva, 2019m:57 [MZHF]
 Distribution: **AF**: Chad
- Trinodes cinereohirtus* Motschulsky, 1863:433 [ZMUM]
 Distribution: **AS**: Sri Lanka
- Trinodes congoanus* Háva, 2019m:6 [HNHM]
 Distribution: **AF**: Congo
- Trinodes emarginatus* Arrow, 1915b:451 [BMNH]
 Syn.: *Trinodes guernei* Pic, 1915b:7 [MNHN]
Trinodes carinatus Pic, 1916c:17 [MNHN]
Trinodes emarginatus: Háva, 2005i:82
Trinodes carinatus: Háva, 2019g:13
 Distribution: **AS**: India; Sri Lanka
- Trinodes haucki* Háva, 2019g:16 [JHAC]
 Distribution: **AS**: Malaysia
- Trinodes hirtus* (Fabricius, 1781:93)
 Syn.: *Nitidula hirta* Fabricius, 1781:93 [ZMUC]
 (*pilosa* Herbst, 1783:39 not available as published without generic name)
Nitidula pilosa: Gmelin, 1790:1631
Anthrenus hirtus: Panzer 1793:16
Scymnus pilosus: Herbst, 1797:343
Trinodes hirtus: Dejean, 1821:47
Trinodes hirtus var. *ater* Dalla Torre, 1879:100 [?]
Trinodes hirtus var. *castanea* Dalla Torre, 1879:100 [?]
Trinodes hirtus var. *testacea* Dalla Torre, 1879:100 [?]
Trinoidea [sic!] *hirtus*: Pushkin, 2015a:139
 Larva: Donisthorpe, 1930:129; Korschefsky 1944b:148; Peacock, 1993:66
 Distribution: **EU**; **AF**: Algeria; S Nigeria (intr.) ?; Tunisia; **AS**: „Caucasus“; Israel;

Russia; Turkmenistan

- Trinodes insulanus* Zhantiev, 1988:1422 [ZMUM]
Distribution: **AS**: Japan: Honshu I., Russia: Sakhalin
- Trinodes makak* Háva, 2019g:17 [JHAC]
Distribution: **AS**: Vietnam
- Trinodes malayensis* Herrmann & Háva, 2015b:406 [NMED]
Distribution: **AS**: Malaysia
- Trinodes minutus* Pic, 1915a:2 [MNHN]
Syn.: *Trinodes rotundus* Arrow, 1915b:451 [BMNH]
Trinodes rotundus: Pic, 1916a:3
Trinodes minutus: Háva, 2005i:82
Distribution: **AS**: Borneo, Kalimantan
- †*Trinodes puetzi* Háva & Prokop, 2006:277 [APEG]
Syn.: *Trinodes rufescens*: Háva, 2003:52
Distribution: **EU**: Russia: Kaliningrad (fossil: Baltic amber)
- Trinodes rihai* Háva, 2019g:14 [JHAC]
Distribution: **AS**: Laos; Thailand
- Trinodes rufescens* Reitter, 1877:376 [?]
Syn.: *Trinodes hirtus*: Kurosawa, 1937:185
Trinodes rufescens: Hinton, 1945b:303
Larva: Hinton, 1945b:250
Distribution: **AS**: China: Guangdong, Sichuan, Zhejiang; Japan; South Korea; Taiwan
- Trinodes rufithorax* Pic, 1926:4 [MNHN]
Distribution: **AS**: Philippines
- Trinodes sabahensis* Háva, 2019g:15 [JHAC]
Distribution: **AS**: Malaysia: Borneo
- Trinodes schawalleri* Háva, 2019m:5 [SMNS]
Distribution: **AF**: South Africa: Kwazulu-Natal
- Trinodes senegalensis* Pic, 1915a:2 [MNHN]
Distribution: **AF**: Gambia; Guinea Bissau; Senegal
- Trinodes sinensis* Fairmaire, 1886:319 [MNHN]
Distribution: **AS**: China: Jiangxi, Sichuan, Shaanxi, Yunnan
- Trinodes tonkineus* Pic, 1922:6 [MNHN]
Syn.: *Trinodes tonkineus*: Kadej & Háva, 2016c:592
Distribution: **AS**: Laos; Thailand; N Vietnam
- Trinodes tonkouiensis* Háva & Matsumoto, 2021b:39 [BMNH]
Distribution: **AF**: Ivory Coast

***Trinodes* fossil larvae**

- Trinodes* larva sp.: Kadej & Háva, 2011:18
Distribution: **EU**: Russia: Poland (fossil: Baltic amber)

species non genus *Trinodes*

- Trinodes pubescens* (Fabricius, 1787): Dahl, 1823:31 -non Dermestidae, recte Helodidae

Trinodes globosus MacLeay, 1871:171 -non Dermestidae, recte Byrrhidae apud Arrow, 1915b:450
Trinodes punctipennis MacLeay, 1871:171 -non Dermestidae, recte Byrrhidae apud Arrow, 1915b:450

species (nomen nudum)

Trinodes villosulus Dahl, 1823:31 (nn)

Tribe: Trinoparvini Háva in Kirejtshuk, Háva & Nel, 2010:56 **rev. nov.**

Type genus: *Trinoparvus* Háva, 2004h:155

Syn.: Trinoparvini Zhou et al., 2022:12

21. Genus *Trinoparvus* Háva, 2004h:155 [NT 4]

Type species: *Trinoparvus villosus* Háva, 2004h:156

List of species

Trinoparvus laboriosus Háva, 2004h:155 [JHAC]

Syn.: *Trinoparvus laboriosus*: Háva & Matsumoto, 2021c:10

Distribution: **AF**: Madagascar

Trinoparvus majeri Háva, 2014r:192 [NMPC]

Distribution: **AS**: Thailand

Trinoparvus suturalis Háva, 2019i:326 [QMBA]

Distribution: **AU**: Australia: Queensland

Trinoparvus villosus Háva, 2004h:156 [JHAC]

Syn.: *Trinoparvus villosus*: Háva, 2022d:68

Distribution: **AU**: New Caledonia