

From: **AN ELECTRONIC CHECKLIST OF THE NEW WORLD CHAFERS
(COLEOPTERA: SCARABAEIDAE: MELOLONTHINAE)**

Version 2

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Tribe SERICINI Kirby, 1837

Keys to genera: Martínez, 1967: 331; Frey, 1973b: 315

note: see Machatschke (1959: 741) and Ahrens (2006) for analyses of the relationships of the sericine and melolonthine scarabs.

Genus ASTAENA Erichson

Astaena Erichson, 1847a: 101. Type species *Astaena tridentata* Erichson, by monotypy.

Synonym: *Temnostoma* Blanchard, 1850: 84. Type species *Temnostoma sulcatipennis* Blanchard, by monotypy.

Keys to species: Frey, 1973b: 325

***Astaena abaca* Saylor**

Astaena abaca Saylor, 1946d: 223

Distribution: Colombia

***Astaena abcora* Saylor**

Astaena abcora Saylor, 1946d: 224

Distribution: Colombia

***Astaena acuticollis* Frey**

Astaena acuticollis Frey, 1973b: 350

Distribution: Colombia

***Astaena aequatorialis* Kirsch**

Astaena aequatorialis Kirsch, 1885: 213

Distribution: Ecuador

***Astaena andicola* Frey**

Astaena andicola Frey, 1973b: 354

Distribution: Peru

***Astaena andina* Frey**

Astaena andina Frey, 1973b: 345

Distribution: Ecuador

***Astaena apolinarmaria* Saylor**

Astaena apolinar-maria Saylor, 1946d: 225
Distribution: Colombia

***Astaena argentina* Moser**

Astaena argentina Moser, 1921b: 133
Distribution: Argentina

***Astaena bahiana* Moser**

Astaena bahiana Moser, 1918c: 326
Distribution: Brazil

***Astaena baroni* Moser**

Astaena baroni Moser, 1918c: 324
Distribution: Ecuador

***Astaena biciliata* Saylor**

Astaena biciliata Saylor 1946d: 219
Distribution: Peru

***Astaena bogotana* Saylor**

Astaena bogotana Saylor, 1946d: 228
Distribution: Colombia

***Astaena boliviana* Frey**

Astaena boliviana Frey, 1974b: 132
Distribution: Bolivia

***Astaena boliviensis* Moser**

Astaena boliviensis Moser, 1918c: 319
Distribution: Bolivia

***Astaena brasiliana* Moser**

Astaena brasiliana Moser, 1918c: 325
Distribution: Brazil

***Astaena brasiliensis* (Blanchard)**

Serica brasiliensis Blanchard, 1850: 82
Astaena brasiliensis (Blanchard); Frey, 1973b: 339
Distribution: Brazil

***Astaena bruchi* Moser**

Astaena bruchi Moser, 1924a: 120
Distribution: Argentina

***Astaena callosipygus* Frey**

Astaena callosipygus Frey, 1973b: 332

Distribution: Bolivia

***Astaena capillata* Moser**

Astaena capillata Moser, 1918c: 311

Distribution: Bolivia

***Astaena castanea* Moser**

Astaena castanea Moser, 1918c: 313

Distribution: Colombia

***Astaena catharinensis* Frey**

Astaena catharinensis Frey, 1973b: 347

Distribution: Brazil

***Astaena clypealis* Moser**

Astaena clypealis Moser, 1921b: 135

Distribution: Ecuador

***Astaena cochabamba* Frey**

Astaena cochabamba Frey, 1973b: 333

Distribution: Bolivia

***Astaena cognata* Burmeister**

Astaena cognata Burmeister, 1855: 129

Distribution: Colombia

***Astaena columbiana* (Blanchard)**

Serica columbiana Blanchard, 1850: 82

Serica columbica [sic] (Blanchard); Brenske, 1902: 33

Astaena columbiana (Blanchard); Frey, 1973b: 354

Distribution: Colombia

Synonym: *Astaena norrisi* Burmeister, 1855: 128

***Astaena columbiensis* Moser**

Astaena columbiensis Moser, 1918c: 318

Distribution: Colombia

***Astaena conformis* Blanchard**

Astaena conformis Blanchard, 1850: 84

Distribution: Paraguay

***Astaena cordobana* Moser**

Astaena cordobana Moser, 1921b: 133

Distribution: Argentina, Bolivia

***Astaena corumbana* Moser**

Astaena corumbana Moser, 1921b: 135

Distribution: Brazil

***Astaena crassitarsis* Frey**

Astaena crassitarsis Frey, 1973b: 357

Distribution: Brazil

***Astaena crinicollis* Frey**

Astaena crinicollis Frey, 1973b: 346

Distribution: Colombia

***Astaena cuyabana* Moser**

Astaena cuyabana Moser, 1918c: 317

Astaena cuyabana [sic] Moser; Frey, 1973b: 336

Distribution: Brazil, Paraguay

Synonym: *Astaena rufobrunnea* Moser, 1921b: 133

***Astaena divergens* Frey**

Astaena divergens Frey, 1973b: 357

Distribution: Brazil

***Astaena elongata* Burmeister**

Astaena elongata Burmeister, 1855: 129

Distribution: Brazil

***Astaena excisicollis* Frey**

Astaena excisicollis Frey, 1973b: 343

Distribution: Ecuador

***Astaena excisipes* Saylor**

Astaena excisipes Saylor, 1947b: 433

Distribution: Ecuador

***Astaena explaniceps* Saylor**

Astaena explaniceps Saylor, 1947b: 436

Distribution: Argentina

***Astaena exquisita* Frey**

Astaena exquisita Frey, 1973b: 363

Distribution: Peru

***Astaena fassli* Moser**

Astaena fassli Moser, 1918c: 327

Distribution: Colombia

***Astaena ferrugata* Blanchard**

Serica ferrugata Blanchard, 1850: 82

Astaena ferrugata (Blanchard); Frey, 1973b: 364

Distribution: Bolivia

***Astaena ferruginea* Moser**

Astaena ferruginea Moser, 1918c: 312

Distribution: Colombia

***Astaena forsteri* Frey**

Astaena forsteri Frey, 1974e: 280

Distribution: Bolivia

***Astaena foveicollis* Kirsch**

Astaena foveicollis Kirsch, 1885: 212

Distribution: Colombia

***Astaena fusagona* Saylor**

Astaena fusagona Saylor, 1946d: 221

Distribution: Colombia

***Astaena glabroclypealis* Frey**

Astaena glabroclypealis Frey, 1974b: 134

Distribution: Argentina, Peru

***Astaena guanabarae* Frey**

Astaena guanabarae Frey, 1973b: 349

Distribution: Brazil

***Astaena heterophylla* Moser**

Astaena heterophylla Moser, 1921b: 137

Distribution: Bolivia

***Astaena hiekei* Frey**

Astaena hiekei Frey, 1973b: 331

Distribution: Costa Rica

***Astaena hirsuta* Frey**

Astaena hirsuta Frey, 1973b: 328

Distribution: Ecuador

***Astaena hirtella* Frey**

Astaena hirtella Frey, 1973b: 360

Distribution: Bolivia

***Astaena incachaca* Saylor**

Astaena incachaca Saylor, 1946d: 215

Distribution: Bolivia

***Astaena insulana* Moser**

Astaena insulana Moser, 1918c: 328

Distribution: Trinidad

***Astaena insularis* Moser**

Astaena insularis Moser, 1918c: 328

Distribution: Trinidad, Venezuela

***Astaena iridescens* Frey**

Astaena iridescens Frey, 1974b: 131

Distribution: Brasil

***Astaena kuehnelti* Frey**

Astaena kuehnelti Frey, 1973b: 361

Distribution: Venezuela

***Astaena kuntzeni* Moser**

Astaena kuntzeni Moser, 1921b:134

Distribution: Bolivia

***Astaena leechi* Frey**

Astaena leechi Frey, 1973b: 340

Distribution: Argentina

***Astaena lojana* Frey**

Astaena lojana Frey, 1973b: 334

Distribution: Ecuador

***Astaena longicornis* Frey**

Astaena longicornis Frey, 1975c: 259

Distribution: Venezuela

***Astaena longula* Moser**

Astaena longula Moser, 1921a: 53

Distribution: Bolivia

***Astaena lurida* Moser**

Astaena lurida Moser, 1918c: 310

Distribution: Bolivia

***Astaena macilenta* Bates**

Astaena macilenta Bates, 1887: 136

Distribution: Costa Rica, Honduras

***Astaena maqueta* Saylor**

Astaena maqueta Saylor, 1947b: 434

Distribution: Argentina

***Astaena marginicollis* Frey**

Astaena marginicollis Frey, 1973b: 325

Distribution: Argentina

***Astaena marginithorax* Frey**

Astaena marginithorax Frey, 1973b: 341

Distribution: Ecuador

***Astaena micans* Frey**

Astaena micans Frey, 1973b: 356

Distribution: Brazil

***Astaena montivaga* Frey**

Astaena montivaga Frey, 1973b: 358

Distribution: Bolivia

***Astaena moseri* Frey**

Astaena moseri Frey, 1973b: 354

Distribution: Peru

***Astaena neglecta* Frey**

Astaena neglecta Frey, 1976b: 376

Distribution: Brazil

***Astaena negligens* Frey**

Astaena negligens Frey, 1973b: 349

Distribution: Peru

***Astaena nigroana* Saylor**

Astaena nigroana Saylor, 1947b: 435

Distribution: Colombia

***Astaena nitens* Frey**

Astaena nitens Frey, 1976b: 375

Distribution: Brazil

***Astaena nitidula* Moser**

Astaena nitidula Moser, 1918c: 314

Distribution: Colombia

***Astaena oblonga* Moser**

Astaena oblonga Moser, 1918c: 323

Distribution: Colombia

***Astaena obscurata* Moser**

Astaena obscurata Moser, 1918c: 321

Distribution: Colombia

***Astaena obscurifrons* Moser**

Astaena obscurifrons Moser, 1921b: 135

Distribution: Bolivia

***Astaena ohausi* Moser**

Astaena ohausi Moser, 1921b: 136

Distribution: Brazil

***Astaena opaca* Frey**

Astaena opaca Frey, 1973b: 327

Distribution: Ecuador

***Astaena opalicauda* Bates**

Astaena opalicauda Bates, 1887: 136

Astaena opalicaudata [sic] Bates; Frey, 1973b: 331

Distribution: Nicaragua

***Astaena opalipennis* Frey**

Astaena opalipennis Frey, 1973b: 355

Distribution: Brazil

***Astaena pauloensis* Frey**

Astaena pauloensis Frey, 1973b: 348

Distribution: Brazil

***Astaena pectoralis* Moser**

Astaena pectoralis Moser, 1918c: 309

Distribution: Brazil

***Astaena penai* Frey**

Astaena penai Frey, 1973b: 345

Distribution: Peru

***Astaena peruana* Moser**

Astaena peruana Moser, 1918c: 315

Distribution: Peru

***Astaena peruensis* Frey**

Astaena peruensis Frey, 1973b: 354
Distribution: Peru

***Astaena pilicollis* Frey**

Astaena pilicollis Frey, 1973b: 342
Distribution: Colombia

***Astaena pilosa* Moser**

Astaena pilosa Moser, 1921b: 136
Distribution: Argentina

***Astaena pilosella* Kirsch**

Astaena pilosella Kirsch, 1885: 213
Distribution: Colombia

***Astaena pinguis* Burmeister**

Astaena pinguis Burmeister, 1855: 128
Distribution: Colombia

***Astaena plaumanni* Frey**

Astaena plaumanni Frey, 1973b: 331
Distribution: Brazil

***Astaena postnodata* Frey**

Astaena postnodata Frey, 1973b: 339
Distribution: Brazil

***Astaena pottsi* Saylor**

Astaena pottsi Saylor, 1946d: 217
Distribution: Peru

***Astaena producta* Bates**

Astaena producta Bates, 1891: 26
Distribution: Ecuador

***Astaena pruinosa* Moser**

Astaena pruinosa Moser, 1918c: 320
Distribution: Venezuela

***Astaena pubescens* Burmeister**

Astaena pubescens Burmeister, 1855: 126
Distribution: Brazil

***Astaena pusilla* Frey**

Astaena pusilla Frey, 1973b: 355
Distribution: Panama

***Astaena pygidia* Saylor**

Astaena pygidia Saylor, 1946c: 230

Distribution: Peru

***Astaena pygidialis* Kirsch**

Astaena pygidialis Kirsch, 1885: 214

Distribution: Colombia

***Astaena robusta* Buremister**

Astaena robusta Buremister, 1855: 127

Distribution: Brazil

***Astaena rockefelleri* Frey**

Astaena rockefelleri Frey, 1973b: 336

Distribution: Colombia

***Astaena rosettae* Frey**

Astaena rosettae Frey, 1973b: 334

Distribution: Brazil

***Astaena rotundiceps* Frey**

Astaena rotundiceps Frey, 1973b: 357

Distribution: Brazil

***Astaena rufa* Moser**

Astaena rufa Moser, 1921b: 134

Distribution: Brazil

***Astaena rufescens* Frey**

Astaena rufescens Frey, 1973b: 351

Distribution: Brazil

***Astaena ruficollis* Moser**

Astaena ruficollis Moser, 1926: 202

Distribution: Argentina

***Astaena rugithorax* Saylor**

Astaena rugithorax Saylor, 1946d: 222

Distribution: Colombia

***Astaena salta* Saylor**

Astaena salta Saylor, 1946d: 231

Distribution: Argentina

***Astaena santaecrucis* Frey**

Astaena santaecrucis Frey, 1973b: 327
Distribution: Brazil

***Astaena saylori* Frey**

Astaena saylori Frey, 1973b: 335
Distribution: Argentina

***Astaena schereri* Frey**

Astaena schereri Frey, 1973b: 363
Distribution: Bolivia

***Astaena schneblei* Frey**

Astaena schneblei Frey, 1973b: 340, 354
Distribution: Colombia

***Astaena semiopaca* Frey**

Astaena semiopaca Frey, 1973b: 361
Distribution: Ecuador

***Astaena sericea* Frey**

Astaena sericea Frey, 1973b: 352
Distribution: Argentina

***Astaena setosa* Frey**

Astaena setosa Frey, 1973b: 329
Distribution: Peru

***Astaena simulatrix* Frey**

Astaena simulatrix Frey, 1974b: 133
Distribution: Bolivia

***Astaena sparsesetosa* Frey**

Astaena sparsesetosa Frey, 1976b: 375
Distribution: Brazil

***Astaena splendens* Frey**

Astaena splendens Frey, 1973b: 351
Distribution: Brazil

***Astaena sulcatipennis* (Blanchard)**

Temnostoma sulcatipennis Blanchard, 1850: 84
Symmela sulcatipennis (Blanchard); Lacordaire, 1856: 208
Astaena sulcatipennis (Blanchard); Harold, 1869a: 1127
Distribution: Brazil

Synonym: *Astaena fuscipennis* Burmeister, 1855: 130

***Astaena suturalis* (Kirsch)**

Symmela suturalis Kirsch, 1865: 50

Astaena suturalis (Kirsch); Frey, 1973b: 346

Distribution: Colombia

***Astaena tarsalis* Moser**

Astaena tarsalis Moser, 1918c: 322

Distribution: Colombia

***Astaena tenella* Burmeister**

Astaena tenella Burmeister, 1855: 131

Distribution: Brazil

Synonym: *Astaena variolata* Burmeister, 1855: 128

***Astaena tenellula* Moser**

Astaena tenellula Moser, 1918c: 316

Distribution: Brazil, Paraguay

***Astaena tomentosa* Frey**

Astaena tomentosa Frey, 1973b: 335

Distribution: Ecuador

***Astaena tridentata* Erichson**

Astaena tridentata Erichson, 1847a: 101

Distribution: Ecuador, Peru

***Astaena truncaticeps* Moser**

Astaena truncaticeps Moser, 1924a: 120

Distribution: Brazil

***Astaena tucumana* Frey**

Astaena tucumana Frey, 1974b: 134

Distribution: Argentina

***Astaena tumidiceps* Frey**

Astaena tumidiceps Frey, 1974b: 132

Distribution: Brazil

***Astaena valida* Burmeister**

Astaena valida Burmeister, 1855: 127

Distribution: Colombia

***Astanea vicina* Frey**

Astanea vicina Frey, 1973b: 343

Distribution: Ecuador

***Astaena yungasa* Saylor**

Astaena yungasa Saylor, 1946d: 217

Distribution: Bolivia

***Astaena zischkai* Frey**

Astanea zischkai Frey, 1973b: 359

Distribution: Bolivia

***Astaena zyrota* Saylor**

Astaena zyrota Saylor, 1946d: 232

Distribution: Guyana

Genus *ATHLIA* Erichson

Athlia Erichson, 1835: 266. Type species *Athlia rustica* Erichson, by monotypy.

Synonym: *Rivera* Germain, 1903a: 392. Type species *Athlia plebeja* Burmeister, by monotypy.

Subgenus: *Dihymenonyx* Gutiérrez, 1949:16 (as genus). Type species *Dihymenonyx herrerae* Gutiérrez, by original designation.

Keys to species: Saylor, 1946b: 21; Gutiérrez, 1949: 13; Martínez, 1967: 337; 1974: 352

***Athlia bollei* Martínez**

Athlia bollei Martínez, 1955: 418

Athlia (*Athlia*) *bollei* Martínez; Martínez, 1974: 345

Distribution: Argentina

***Athlia brasilica* Saylor**

Athlia brasilica Saylor, 1946b: 23

Athlia (*Athlia*) *brasilica* Saylor; Gutiérrez, 1949: 14

Distribution: Brazil

***Athlia bruchi* Moser**

Athlia bruchi Moser, 1924a: 121

Athlia (*Athlia*) *bruchi* Moser; Martínez, 1974: 345

Distribution: Argentina

***Athlia freyi* Martínez**

Athlia (*Athlia*) *freyi* Martínez, 1974: 347

Distribution: Brazil

***Athlia gii* Martínez**

Athlia gii Martínez, 1959a: 23

Athlia (Athlia) gii Martínez; Martínez, 1974: 345
Distribution: Argentina

***Athlia herrerae* (Gutiérrez)**

Dihymenonyx herrerae Gutiérrez, 1949: 16
Athlia (Dihymenonyx) herrerae (Gutiérrez); Martínez, 1974: 345
Distribution: Chile

***Athlia parvissima* Saylor**

Athlia parvissima Saylor, 1946b: 24
Athlia (Athlia) parvissima Saylor; Martínez, 1974: 345
Distribution: Argentina

***Athlia plebeja* Burmeister**

Athlia plebeja Burmeister, 1855: 125
Rivera plebeja (Burmeister); Germain, 1903a: 392
Athlia (Athlia) plebeja Burmeister; Martínez, 1974: 345
Distribution: Chile

Synonym: *Athlia rivera* Saylor, 1946a: 23

***Athlia problematica* Gutiérrez**

Athlia problematica Gutiérrez, 1950: 270
Athlia (Athlia) problematica Gutiérrez; Martínez, 1974: 345
Distribution: Chile

***Athlia rotundata* Gutiérrez**

Athlia rotundata Gutiérrez, 1949: 12
Athlia (Athlia) rotundata Gutiérrez; Martínez, 1974: 345
Distribution: Chile

***Athlia rustica* Erichson**

Athlia rustica Erichson, 1835: 267
Athlia (Athlia) rustica Erichson; Martínez, 1974: 345
Distribution: Chile

Genus MALADERA Mulsant and Rey

Maladera Mulsant and Rey, 1871: 343. Type species *Serica holosericea* (Scopoli), by monotypy.

Synonym: *Aserica* Lewis, 1895: 394. Type species *Autoserica secreta* Brenske, by subsequent designation (Arrow, 1927: 69; 1933a: 71; see Pope, 1961: 550).

Synonym: *Autoserica* Brenske, 1897: 377. Type species *Serica piceorufa* Fairmaire, by subsequent designation (Arrow, 1927: 69; see Pope, 1961: 550).

***Maladera castanea* (Arrow)**

Autoserica castanea Arrow, 1913a: 398

Aserica castanea (Arrow); Arrow, 1927: 70

Maladera castanea (Arrow); Pope, 1961: 545

Distribution: United States [Japan]

Genus *NIPPONOSERICA* Nomura

Nipponoserica Nomura, 1973: 139. Type species *Serica similis* Lewis, by original designation.

***Nipponoserica peregrina* (Chapin)**

Serica peregrina Chapin, 1938a: 68

Nipponoserica peregrina (Chapin); Nomura, 1976: 188

Distribution: United States [Japan]

Genus *MIOTEMNA* Lacordaire

Miotemna Lacordaire, 1856: 210. Type species *Octotemna singularis* Blanchard, by monotypy (for Blanchard, 1850: 84).

Synonym: *Octotemna* Blanchard, 1850: 84 (preoccupied). Type species: *Octotemna singularis* Blanchard, by monotypy.

***Miotemna singularis* (Blanchard)**

Octotemna singularis Blanchard, 1850: 84

Miotemna singularis (Blanchard); Lacordaire, 1856: 210

Distribution: Bolivia

Genus *RAYSYMMELA* Saylor

Raysymmela Saylor 1947a: 161. Type species *Symmela bruchi* Moser, by original designation.

Keys to species: Frey, 1973b: 32

***Raysymmela bruchi* (Moser)**

Symmela bruchi Moser, 1924a: 120

Raysymmela bruchi (Moser); Saylor, 1947a: 164

Distribution: Argentina

***Raysymmela curtula* (Erichson)**

Symmela curtula Erichson, 1835: 266

Raysymmela curtula (Erichson); Saylor, 1947a: 165

Distribution: Brazil

***Raysymmela huanuca* Saylor**

Raysymmela huanuca Saylor, 1947a: 162
Distribution: Peru

***Raysymmela pallipes* (Blanchard)**

Symmela pallipes Blanchard, 1850: 85
Raysymmela pallipes (Blanchard); Saylor, 1947a: 165
Distribution: Bolivia

Genus *SERICA* MacLeay

Serica MacLeay, 1819: 146. Type species *Melolontha brunnea* Linné, by monotypy.

Keys to species: Blatchley, 1910: 957; Lago et al., 1979: 24 (North Dakota); Hardy and Andrews, 1987: 175 (Nevada sand dunes); Ratcliffe, 1991: 159,162 (Nebraska); Harpootlian, 2001: 66 (South Carolina).

Synonym: *Camptorhina* Kirby, 1837: 128. Type species *Camptorhina atracapilla* Kirby, by monotypy.

Synonym: *Stilbolemma* Harris, 1827: 7. Type species *Melolontha sericea* Illiger, subsequent designation (Ahrens 1999: 207).

Synonym: *Paramaladera* Nikolajev, 1979: 191. Type species *Serica alternata* LeConte, original designation.

***Serica abdita* Dawson**

Serica abdita Dawson, 1921: 166
Distribution: United States

***Serica acicula* Dawson**

Serica acicula Dawson, 1932: 533
Distribution: United States

***Serica acontia* Dawson**

Serica acontia Dawson, 1933: 438
Distribution: United States

***Serica adversa* Dawson**

Serica adversa Dawson, 1967: 161
Distribution: United States

***Serica aemula* Dawson**

Serica aemula Dawson, 1947: 228
Distribution: United States

***Serica alabama* Dawson**

Serica alabama Dawson, 1967: 162

Distribution: United States

***Serica alleni* Saylor**

Serica alleni Saylor, 1939c: 457

Distribution: United States

Synonym: *Serica searli* Saylor, 1939c: 459

***Serica alternata alternata* LeConte**

Serica alternata LeConte, 1856: 276

Maladera (Paramaladera) alternata (LeConte); Nikolaev, 1979: 191

Distribution: México, United States

***Serica alternata exolita* Dawson**

Serica alternata exolita Dawson, 1933: 437

Distribution: United States

***Serica alternata patruela* Dawson**

Serica alternata patruela Dawson, 1933: 437

Distribution: United States

***Serica ammomenisco* Hardy**

Serica ammomenisco Hardy, 1987: 173

Distribution: United States

***Serica antediluviana* Wickham**

Serica antediluviana Wickham, 1912: 23

Distribution: United States

Remark: fossil species

***Serica anthracina* LeConte**

Serica anthracina LeConte, 1856: 276

Distribution: Canada, United States

Synonym: *Serica crassata* Walker, 1866: 323

Synonym: *Serica frontalis*, 1856: 276

Synonym: *Serica valida* Harold, 1869: 123 (for LeConte, 1856: 276)

Synonym: *Serica robusta* LeConte, 1856: 276 (not Blanchard, 1850: 79)

***Serica apatela* Dawson**

Serica apatela Dawson, 1922: 158

Distribution: United States

***Serica arkansana* Dawson**

Serica arkansana Dawson, 1947: 223

Distribution: United States

***Serica aspera* Dawson**

Serica aspera Dawson, 1922: 161

Distribution: United States

***Serica atracapilla* (Kirby)**

Camptorhina atracapilla Kirby, 1837: 129

Serica atricapilla [sic] (Kirby); Dawson, 1932: 542

Serica atracapilla (Kirby); Dawson, 1967: 162

Distribution: Canada, United States

Synonym: *Serica cucullata* Dawson, 1919a: 34

***Serica atratula atratula* LeConte**

Serica atratula LeConte, 1856: 274

Distribution: United States

***Serica atratula monita* Dawson**

Serica atratula monita Dawson, 1947: 226

Distribution: United States

***Serica aviceps* Dawson**

Serica aviceps Dawson, 1967: 162

Distribution: United States

***Serica barri* Dawson**

Serica barri Dawson, 1967: 163

Distribution: United States

***Serica blatchleyi* Dawson**

Serica trociformis blatchleyi Dawson, 1932: 545

Serica blatchleyi Dawson; Dawson, 1967: 163

Distribution: United States

***Serica bruneri* Dawson**

Serica bruneri Dawson, 1967: 164

Distribution: United States

***Serica calignosa* Dawson**

Serica calignosa Dawson, 1932: 532

Distribution: United States

***Serica campestris* Dawson**

Serica campestris Dawson, 1919a: 33
Distribution: United States

***Serica carolina* Dawson**

Serica carolina Dawson, 1920: 209
Distribution: United States

***Serica catalina* Dawson**

Serica catalina Dawson, 1947: 234
Distribution: United States

***Serica chaetosoma* Dawson**

Serica chaetosoma Dawson, 1932: 529
Distribution: United States

***Serica chicoensis* Saylor**

Serica chicoensis Saylor, 1939c: 458
Distribution: United States

***Serica coalinga* Dawson**

Serica coalinga Dawson, 1952: 65
Distribution: United States

***Serica cockerelli* Wickham**

Serica cockerelli Wickham, 1914: 262
Distribution: United States
Remark: fossil species

***Serica concinna* Dawson**

Serica concinna Dawson, 1947: 232
Distribution: United States

***Serica contorta* Dawson**

Serica contorta Dawson, 1947: 227
Distribution: United States

***Serica craighead* Saylor**

Serica craighead Saylor, 1939a: 55
Distribution: United States

Synonym: *Serica craigheadi* Dawson, 1952: 73 (unjustified emendation)

***Serica cruzi* Saylor**

Serica cruzi Saylor, 1939a: 55
Distribution: United States

***Serica curvata* LeConte**

Serica curvata LeConte, 1856: 276
Distribution: Canada, United States

***Serica cuyamaca* Saylor**

Serica cuyamaca Saylor, 1939c: 459
Distribution: United States

***Serica delicata* Dawson**

Serica delicata Dawson, 1922: 161
Distribution: United States

***Serica deserticola* Dawson**

Serica deserticola Dawson, 1952: 66
Distribution: United States

***Serica diablo* Dawson**

Serica diablo Dawson, 1967: 164
Distribution: United States

***Serica egregia* Dawson**

Serica egregia Dawson, 1921: 165
Distribution: United States

***Serica elmontea* Saylor**

Serica elmontea Saylor, 1939a: 56
Distribution: United States

***Serica elongata* Nonfried**

Serica elongata Nonfried, 1891: 261
Distribution: Honduras

Synonym: *Serica uniformis* Nonfried, 1891: 260

***Serica elongatula* Horn**

Serica elongatula Horn, 1870: 77
Distribution: United States

***Serica elusa* Dawson**

Serica elusa Dawson, 1919a: 36
Distribution: Canada, United States

***Serica ensinada* Saylor**

Serica ensinada Saylor, 1948a: 346
Distribution: México

***Serica evidens* Blatchley**

Serica evidens Blatchley, 1919: 153 (for Blatchley, 1910: 957)

Distribution: United States

Synonym: *Serica carinata* Blatchley, 1910: 957 (not Burmeister, 1855)

***Serica falcata* Dawson**

Serica falcata Dawson, 1933: 439

Distribution: United States

***Serica falli* Dawson**

Serica falli Dawson, 1932: 534

Distribution: United States

***Serica fimbriata* LeConte**

Serica fimbriata LeConte, 1856: 275

Distribution: México, United States

Synonym: *Serica michelbacheri* Saylor, 1948a: 345

***Serica floridana* Dawson**

Serica floridana Dawson, 1967: 165

Distribution: United States

***Serica frosti* Dawson**

Serica frosti Dawson, 1967: 166

Distribution: United States

***Serica georgiana georgiana* Leng**

Serica georgiana Leng, 1911: 214

Distribution: Canada, United States

***Serica georgiana lecontei* Dawson**

Serica lecontei Dawson, 1921: 160

Serica georgiana lecontei Dawson; Dawson, 1952: 70

Distribution: United States

***Serica heteracantha* Dawson**

Serica heteracantha Dawson, 1967: 166

Distribution: United States

***Serica howdeni* Dawson**

Serica howdeni Dawson, 1967: 167

Distribution: United States

***Serica humboldti* Gordon**

Serica humboldti Gordon, 1975: 173
Distribution: United States

***Serica imitans* Chapin**

Serica imitans Chapin, 1931: 5 (for Uhler, 1855: 415)
Distribution: United States

Synonym: *Omaloelia trogiformis* Uhler, 1855: 415 (not Burmeister, 1855: 179; see Dawson, 1932: 546)

***Serica intermixta* Blatchley**

Serica intermixta Blatchley, 1910: 957
Distribution: United States

***Serica iricolor* (Say)**

Melolontha iricolor Say, 1824: 246
Stilbolemma iricolor (Say); Harris, 1827: 7
Serica iricolor (Say); Burmeister, 1855: 178
Distribution: United States

***Serica kanakoffi* Pierce**

Serica kanakoffi Pierce 1946: 132
Distribution: United States
Remark: fossil species

***Serica laguna* Saylor**

Serica laguna Saylor, 1935a: 1
Distribution: United States

***Serica ligulata ligulata* Dawson**

Serica ligulata Dawson, 1932: 535
Distribution: United States

***Serica ligulata praetermissa* Dawson**

Serica praetermissa Dawson, 1932: 536
Serica ligulata praetermissa Dawson; Dawson, 1952: 71
Distribution: United States

***Serica lodingi* Dawson**

Serica lodingi Dawson, 1952: 66
Distribution: United States

***Serica loxia* Dawson**

Serica loxia Dawson, 1920: 208
Distribution: United States

***Serica mckenziei* Saylor**

Serica mckenziei Saylor, 1935a: 2

Distribution: United States

***Serica mixta* LeConte**

Serica mixta LeConte, 1856: 276

Distribution: United States

***Serica mystaca* Dawson**

Serica mystaca Dawson, 1922: 160

Distribution: United States

***Serica ochrosoma* Dawson**

Serica ochrosoma Dawson, 1919a: 38

Distribution: United States

***Serica oliver* Saylor**

Serica oliver Saylor, 1939a: 56

Distribution: United States

Synonym: *Serica joaquinella* Saylor, 1939a: 56

Synonym: *Serica oliveri* Dawson, 1952: 73 (unjustified emendation)

***Serica opposita* Dawson**

Serica opposita Dawson, 1921: 163

Distribution: United States

***Serica panda* Dawson**

Serica panda Dawson, 1952: 67

Distribution: United States

***Serica parallela* Casey**

Serica parallela Casey, 1885a: 176

Distribution: Canada, United States

***Serica parvula* Blanchard**

Serica parvula Blanchard, 1850: 82

Distribution: United States

***Serica pavonia* Dawson**

Serica pavonia Dawson, 1932: 533

Distribution: United States

***Serica peleca* Dawson**

Serica peleca Dawson, 1952: 68

Distribution: United States

***Serica perigonia eremicola* Dawson**

Serica perigonia eremicola Dawson, 1967: 168

Distribution: México

***Serica perigonia perigonia* Dawson**

Serica perigonia Dawson, 1920: 210

Distribution: United States

***Serica pilifera* Horn**

Serica pilifera Horn, 1894: 397

Distribution: México

***Serica porcula* Casey**

Serica porcula Casey, 1885a: 177

Serica perculla [sic] Casey; Nonfried, 1892b: 257

Distribution: United States

***Serica prava* Dawson**

Serica prava Dawson, 1933: 440

Distribution: México, United States

***Serica pruinpennis* Saylor**

Serica [sic] *pruinipennis* [sic] Saylor, 1936: 4 (for Saylor, 1935a: 2)

Serica pruinpennis Saylor; Saylor, 1940a: 30 (emendation)

Distribution: United States

Synonym: *Serica mendota* Saylor, 1939c: 457

Synonym: *Serica pruinosa* Saylor, 1935a: 2

***Serica psammobuna* Hardy**

Serica psammobunus Hardy, 1987: 174

Distribution: United States

***Serica pullata* Dawson**

Serica pullata Dawson, 1967: 170

Distribution: United States

***Serica pusilla* Dawson**

Serica pusilla Dawson, 1922: 162

Distribution: United States

Synonym: *Serica errans* Blatchley, 1929: 35

Serica pusilla errans Blatchley; Dawson, 1932: 538

***Serica repanda* Dawson**

Serica repanda Dawson, 1933: 439

Distribution: United States

***Serica rhypha* Dawson**

Serica rhypha Dawson, 1952: 68

Distribution: United States

***Serica rossi* Saylor**

Serica rossi Saylor, 1948a: 345

Distribution: United States

***Serica sandiegensis* Saylor**

Serica sandiegensis Saylor, 1939c: 458

Distribution: United States

***Serica satrapa* Dawson**

Serica satrapa Dawson, 1947: 231

Distribution: United States

***Serica scaphia* Dawson**

Serica scaphia Dawson, 1952: 69

Distribution: United States

***Serica sculptilis* Dawson**

Serica sculptilis Dawson, 1922: 162

Distribution: United States

***Serica senta* Dawson**

Serica senta Dawson, 1933: 440

Distribution: United States

***Serica serensia* Saylor**

Serica serensia Saylor, 1948a: 347

Distribution: México

***Serica sericea* (Illiger)**

Melolontha sericea Illiger, 1802: 75

Stilbolemma sericea (Illiger); Harris, 1827: 7

Omaloplia sericea (Illiger); Dejean, 1833: 182

Serica sericea (Illiger); Burmeister, 1855: 176

Distribution: Canada, United States

***Serica sericeoides* Dawson**

Serica sericeoides Dawson, 1967: 170

Distribution: United States

***Serica serotina* LeConte**

Serica serotina LeConte, 1856: 275

Camptorhina serotina (LeConte); LeConte, 1857: 40

Distribution: United States

***Serica solita* Dawson**

Serica solita Dawson, 1922: 163

Distribution: United States

***Serica spicula* Dawson**

Serica spicula Dawson, 1921: 162

Distribution: United States

***Serica sponsoa* Dawson**

Serica sponsoa Dawson, 1919b: 223

Distribution: Canada, United States

***Serica stygia* Dawson**

Serica stygia Dawson, 1933: 439

Distribution: United States

***Serica subnisa* Dawson**

Serica subnisa Dawson, 1947: 233

Distribution: United States

***Serica tantula* Dawson**

Serica tantula Dawson, 1922: 162

Distribution: United States

***Serica texana* LeConte**

Serica texana LeConte, 1856: 274

Distribution: United States

***Serica tristis* LeConte**

Serica tristis LeConte, 1850: 226

Distribution: Canada, United States

***Serica trociformis* Burmeister**

Serica trociformis Burmeister, 1855: 179

Distribution: United States

Synonym: *Melolontha aphodiina* Billberg, 1820: 386 (*nomen oblitum*)

***Serica ventura dorsalis* Dawson**

Serica ventura dorsalis Dawson, 1952: 69
Distribution: United States

***Serica ventura personata* Dawson**

Serica personata Dawson 1932: 531
Serica ventura personata Dawson; Dawson, 1952: 69
Distribution: United States

***Serica ventura ventura* Dawson**

Serica ventura Dawson, 1932: 530
Distribution: United States

***Serica vespertina accola* Dawson**

Serica vespertina accola Dawson, 1921: 164
Distribution: United States

***Serica vespertina vespertina* (Gyllenhal)**

Melolontha vespertina Gyllenhal, 1817: 180
Stilbolemma vespertina (Gyllenhal); Harris, 1827: 7
Serica vespertina (Gyllenhal); Dejean, 1833: 183
Omaloplia vespertina (Gyllenhal); Harris, 1841: 29
Distribution: United States

***Serica watson* Saylor**

Serica watson Saylor, 1939a: 58
Distribution: México, United States

Synonym: *Serica watsoni* Dawson, 1952: 73 (unjustified emendation)

Genus SYMMELA Erichson

Symmela Erichson, 1835: 261. Type species *Symmela instabilis* Erichson, subsequent designation (Evans 2003: 47).

Subgenus: *Sayloria* Frey, 1973b: 324 (as subgenus). Type species *Astaena bicoloripes* Saylor, by monotypy.

Keys to species: Frey, 1973b: 321

***Symmela angustula* Moser**

Symmela angustula Moser, 1919b: 7
Symmela (*Symmela*) *angustula* Moser; Frey, 1973b: 323
Distribution: Brazil

***Symmela bicoloripes* (Saylor)**

Astaena bicoloripes Saylor, 1946d: 226
Symmela (*Sayloria*) *bicoloripes* (Saylor); Frey, 1973b: 324

Distribution: Peru

***Symmela boliviensis* Moser**

Symmela boliviensis Moser, 1919b: 8

Symmela (Symmela) boliviensis Moser; Frey, 1973b: 322

Distribution: Bolivia

***Symmela brasiliensis* Moser**

Symmela brasiliensis Moser, 1919b: 8

Symmela (Symmela) brasiliensis Moser; Frey, 1973b: 323

Distribution: Brazil

***Symmela clypeata* Erichson**

Symmela clypeata Erichson, 1835: 264

Symmela (Symmela) clypeata Erichson; Frey, 1973b: 323

Distribution: Brazil

***Symmela corumbana* Moser**

Symmela corumbana Moser, 1921b: 137

Symmela (Symmela) corumbana Moser; Frey, 1973b: 323

Distribution: Brazil

***Symmela costaricensis* Moser**

Symmela costaricensis Moser, 1924a: 119

Symmela (Symmela) costaricensis Moser; Frey, 1973b: 322

Distribution: Costa Rica

***Symmela elegans* Erichson**

Symmela elegans Erichson, 1835: 263

Symmela (Symmela) elegans Erichson; Frey, 1973b: 322

Distribution: Brazil

***Symmela instabilis flavimana* Gory**

Symmela instabilis flavimana Gory, 1841: 98

Symmela instabilis flavimarogo [sic] Gory; Frey, 1973b: 321

Distribution: Brazil

***Symmela instabilis instabilis* Erichson**

Symmela instabilis Erichson, 1835: 262

Symmela (Symmela) instabilis Erichson; Frey, 1973b: 321

Distribution: Brazil

***Symmela jatahyensis* Frey**

Symmela (Symmela) jatahyensis Frey, 1973b: 323

Distribution: Brazil

***Symmela longula* Erichson**

Symmela longula Erichson, 1835: 265

Symmela (Symmela) longula Erichson, Frey, 1973b: 322

Distribution: Brazil

***Symmela mutabilis* Erichson**

Symmela mutabilis Erichson, 1835: 263

Symmela (Symmela) mutabilis Erichson; Frey, 1973b: 323

Distribution: Brazil

***Symmela nitida* Erichson**

Symmela nitida Erichson, 1835: 264

Symmela (Symmela) nitida Erichson; Frey, 1973b: 323

Distribution: Brazil

***Symmela nitidicollis* Burmeister**

Symmela nitidicollis Burmeister, 1855: 132

Symmela (Symmela) nitidicollis Burmeister; Frey, 1973b: 324

Distribution: Brazil

***Symmela opaca* Erichson**

Symmela opaca Erichson, 1835: 264

Symmela (Symmela) opaca Erichson; Frey, 1973b: 324

Distribution: Brazil

***Symmela seticollis* Moser**

Symmela seticollis Moser, 1921b: 137

Symmela (Symmela) seticollis Moser; Frey, 1973b: 321

Distribution: Brazil

***Symmela tarsalis* Moser**

Symmela tarsalis Moser, 1919b: 9

Symmela (Symmela) tarsalis Moser; Frey, 1973b: 322

Distribution: Brazil

***Symmela tenella* Erichson**

Symmela tenella Erichson, 1835: 265

Distribution: Brazil

***Symmela uniformis* Blanchard**

Symmela uniformis Blanchard, 1850: 85

Distribution: Bolivia

***Symmela varians* Erichson**

Symmela varians Erichson, 1847a: 102

Symmela (Symmela) varians Erichson; Frey, 1973b: 321

Distribution: Peru