

## Tribe Alurnini Chapuis 1875

- Alurnites Chapuis 1875: 292. Handlirsch 1925: 666 (classification); Bouchard et al. 2001: 510 (nomenclature).
- Alurnini Chapuis. Staines 2002a: 744 (genera); Bouchard et al. 2001: 510 (nomenclature); Liao et al. 2015: 162 (host plants).
- Alurnini Weise 1910a: 69. Weise 1911a: 12 (catalog), 1911b: 17 (catalog); Fischer 1935: 258 (revision); Uhmann 1940g: 119 (claws); Monrós & Viana 1947: 140 (Argentina species); Papp 1953: 30 (catalog); Uhmann 1957b: 34 (catalog), 1959d: 8 (scutellum), 1964a: 406 (catalog), 1964b: 5 (faunal list); Buck 1958: 146 (museum list); Wilcox 1975: 138 (catalog); Seeno & Wilcox 1982: 159 (catalog); Chen et al. 1986: 596 (China species); Jolivet 1988b: 13 (host plants), 1989b: 303 (host plants); Jolivet & Hawkeswood 1995: 144 (host plants); Cox 1996a: 167 (pupae); Staines 2002a: 742 (generic revision); Roig-Juñent 2004: 115 (faunal list); Chaboo 2007: 170 (phylogeny); Bouchard et al. 2011: 78, 510 (nomenclature).
- Alurninae. Guérin 1953: 99 (faunal list).
- Sphaeropalpites Chapuis 1875:359. Handlirsch 1925: 666 (classification); Bouchard et al. 2001: 510 (nomenclature).
- Type genus: *Alurnus* Fabricius.

### *Adalurnus* Maulik 1936

- Adalurnus* Maulik 1936: 392. Type species: *Adalurnus rotundatus* Maulik 1936, by monotypy. Blackwelder 1946: 721 (catalog); Uhmann 1957b: 40 (catalog); Staines 2002a: 744 (generic revision).

### *Adalurnus rotundatus* Maulik 1936

- Adalurnus rotundatus* Maulik 1936: 394 (type: Brazil, Para, Santarem, BMNH). Blackwelder 1946: 721 (catalog); Papp 1953: 34 (catalog); Uhmann 1957b: 40 (catalog).

**Distribution.** Brazil (Para).

**Food plant.** Unknown.

### *Alurnus* Fabricius 1775

- Alurnus* Fabricius 1775: 94. Type species: *Alurnus grossus* Fabricius, by monotypy. Fabricius 1787: 66 (noted), 1792: 51 (noted), 1801b: 25 (noted); Linnaeus 1788: 1666 (noted); Latreille 1802: 231 (description), 1807: 49 (description), 1829: 142 (description), 1836: 127 (description); Illiger 1804a: 130 (redescription); Voet 1806: 38 (illustration); Schönherr 1808: 342 (species list); Dejean 1821: 115 (collection list), 1837: 387 (collection list); Duméril 1823: 196 (noted); Voigt 1839: 323 (noted); d'Orbigny 1841: 314 (redescription); Guérin-Méneville 1844a: 266 (noted), 1855: 602 (faunal list);

Blanchard 1845: 181 (description), 1849: 508 (noted); Lacordaire 1845: XLII (larva); Chevrolat 1849: 359 (noted); Baly 1858: 24 (redescription), 1885: 5 (Central America species); Chenu & Desmarest 1870: 341 (noted); Crotch 1870: 45 (noted); Girard 1873: 784 (noted); Chapuis 1875: 293 (redescription); Gemminger & Harold 1876: 3605 (catalog); Chenu 1884: 341 (noted); Weise 1893: 1059 (noted), 1910a: 102 (redescription), 1911a: 12 (catalog), 1911b: 18 (catalog); Donckier 1899: 557 (catalog); Jacobson 1899: 247 (revision), 1900: x (noted); Berg 1900: 252 (noted); Gahan 1900: 438 (stridulation); Gestro 1901b: 435 (noted), 1903: 157 (noted); Heyne & Taschenberg 1908: 252 (noted); Bruch 1915: 375 (faunal list); Bondar 1925a: 208 (noted), 1940c: 44 (noted); Fischer 1935: 264 (revision); Bryant 1942: 205 (faunal list); Blackwelder 1946: 721 (catalog), 1947: 55 (nomenclature); Guérin 1953: 99 (faunal list); Papp 1953: 30 (catalog); Lima 1955: 203 (faunal list); Uhmman 1957b: 35 (catalog), 1964a: 406 (catalog); Wilcox 1975: 138 (catalog); Jolivet 1989b: 298 (noted), 1997: 12, 82 (noted); Mariau 1994: 254 (noted); Suzuki 1994: 340 (hind wing venation); Jolivet & Hawkeswood 1995: 144 (host plants); Staines 1996(1997): 7 (Nicaragua species), 1997b: 412 (Uhmman species list), 2002a: 744 (genera), 2004a: 309 (host plants), 2013a: 3 (revision); Farrell 1998: 557 (phylogeny); Staines & Staines 1999: 522 (Baly species list); Farrell & Sequeira 2004: 180 (evolution); Chaboo 2007: 21 (noted); Flowers & Chaboo 2009: 6 (noted).

*Poecilalurnus* Jacobson 1899: 247. Type species: *Hispa bipunctatus* Olivier, by original designation. Weise 1910a: 103 (synonymy), 1911a: 12 (catalog), 1911b: 18 (catalog); Fischer 1935: 264 (revision).

### ***Alurnus batesii* Baly 1864c**

*Alurnus batesii* Baly 1864c: 334 (type: Brazil, Ega, BMNH). Baly 1869b: 367 (noted); Waterhouse 1881: 264 (distribution); Weise 1910a: 103 (key), 1911a: 12 (catalog), 1911b: 19 (catalog); Fischer 1935: 266 (revision); Uhmman 1957b: 36 (catalog); Staines & Staines 1999: 522 (Baly species list); Staines 2013a: 5 (revision).

*Alurnus batesi* Baly. Gemminger & Harold 1876: 3605 (catalog); Donckier 1899: 557 (catalog); Jacobson 1899: 251 (revision); Blackwelder 1946: 721 (faunal list); Guérin 1953: 99 (faunal list); Papp 1953: 31 (catalog).

*Alurnus batesi triangularis* Jacobson 1899: 251 (type: Ecuador, depository unknown). Weise 1911a: 13 (catalog), 1911b: 19 (catalog); Fischer 1935: 266 (revision); Papp 1953: 31 (catalog).

**Distribution.** Brazil (Amazonas), Ecuador, Peru.

**Food plant.** Unknown.

### ***Alurnus bicolor* Staines 2013a**

*Alurnus bicolor* Staines 2013a: 6 (type: Colombia, Buena Vista, USNM).

**Distribution.** Colombia, Panama.

**Food plant.** *Chamaedorea* sp. (Arecaceae) (Staines 2013a).

## ***Alurnus bipunctatus* Olivier 1792**

*Hispa bipunctatus* Olivier 1792: 96 (type: French Guyana, Suriname, MNHN?). Olivier 1808: 760 (noted).

*Alurnus bipunctatus* (Olivier). Dejean 1837: 387 (collection list); Guérin-Méneville 1840b: 332 (noted); Baly 1858: 29 (noted); Gemminger & Harold 1876: 3605 (catalog); Donckier 1899: 557 (catalog); Jacobson 1899: 249 (revision); Weise 1910a: 103 (key), 1911a: 13 (catalog), 1911b: 19 (catalog); Uhmann 1932a: 36 (museum list), 1953d: 48 (faunal list), 1957b: 36 (catalog); Fischer 1935: 272 (revision); Blackwelder 1946: 721 (faunal list); Guérin 1953: 99 (faunal list); Papp 1953: 31 (catalog); Haitlinger 1989: 286 (mites); Santiago-Blay & Fain 1994: 410 (mites); Chaboo 2007: 150 (phylogeny); Staines 2013a: 7 (revision).

*Alurnus apicalis* Blanchard (not Guérin-Méneville) 1843a: 211 (type: Bolivia, depository unknown). Papp 1953: 30 (catalog); Haitlinger 1989: 286 (mites).

*Alurnus apicalis* Guérin-Méneville 1840b: 332 (type: Cayenne, depository unknown). Jacobson 1899: 249 (revision); Weise 1910a: 103 (key), 1921b: 175 (noted); Uhmann 1966d: 270 (types).

*Alurnus bipunctatus deficiens* Jacobson 1899: 249 (type: locality not specified, depository unknown). Weise 1911a: 13 (catalog), 1911b: 19 (catalog); Fischer 1935: 272 (revision). *Alurnus bipunctatus apicalis* Guérin-Méneville. Baly 1858: 29 (noted); Gemminger & Harold 1876: 3605 (catalog); Donckier 1899: 557 (catalog); Jacobson 1899: 249 (revision); Weise 1911a: 12 (catalog), 1911b: 19 (catalog); Fischer 1935: 273 (revision).

*Alurnus bipunctatus* Baly (in part) (not Olivier) 1858: 29. Jacobson 1899: 250 (revision).

*Alurnus cupido* Thomson 1856: 117 (type: Amazonas, depository unknown). Baly 1858: 29 (synonymy), 1869b: 367 (status); Gemminger & Harold 1876: 3605 (catalog); Donckier 1899: 558 (catalog).

*Alurnus bipunctatus olivieri* Jacobson 1899: 249 (type: locality not specified, depository unknown). Weise 1911a: 13 (catalog), 1911b: 19 (catalog); Fischer 1935: 273 (revision); Blackwelder 1946: 721 (faunal list); Papp 1953: 31 (catalog); Uhmann 1957b: 35 (catalog), 1957f: 305 (distribution), 1964a: 407 (catalog).

*Alurnus bipunctatus* var. B. Olivier 1808: plate 1, fig. 2. Baly 1858: 29 (noted); Uhmann 1953b: 47 (museum list).

*Alurnus apicalis* var. A. Guérin-Méneville 1840b: 332 (type: Bolivia, depository unknown). Fischer 1935: 273 (revision); Uhmann 1953d: 47 (faunal list), 1966d: 270 (types).

*Alurnus apicalis guerini* Jacobson 1899: 250 (type: locality not specified, depository unknown). Weise 1911a: 12 (catalog), 1911b: 19 (catalog); Fischer 1935: 273 (revision); Papp 1953: 31 (catalog).

**Distribution.** Bolivia, Brazil, Colombia, French Guyana, Guyana, Peru, Suriname, Venezuela.

**Food plant.** Unknown.

### ***Alurnus boucardi* Rosenberg 1898**

*Alurnus boucardi* Rosenberg 1898: 94 (type: Colombia, MCZC). Donckier 1899: 613 (catalog); Weise 1910a: 103 (key), 1911a: 13 (catalog), 1911b: 20 (catalog); Fischer 1935: 276 (revision); Blackwelder 1946:721 (faunal list); Papp 1953: 31 (catalog); Uhmman 1957b: 37 (catalog); Staines 2013a: 8 (revision).

*Alurnus boucardi* Rosenberg. Haitlinger 1989: 286 (lapsus calami, mites); Santiago-Blay & Fain 1994: 410 (mites).

**Distribution.** Colombia, Panama.

**Food plant.** Unknown.

### ***Alurnus chapuisi* Uhmman & Jolivet 1952**

*Alurnus chapuisi* Uhmman & Jolivet 1952: 2 (type: Colombia, Al. Wallisi, N. Grenade, ISNB). Uhmman 1957b: 37 (catalog); Staines 1997b: 412 (Uhmman species list), 2013a: 9 (revision).

**Distribution.** Colombia.

**Food plant.** Unknown.

### ***Alurnus costalis* Rosenberg 1898**

*Alurnus costalis* Rosenberg 1898: 93 (type: Colombia, Juntas, Rio Dagua, MCZC). Donckier 1899: 613 (catalog); Weise 1910a: 103 (key), 1911a: 13 (catalog), 1911b: 19 (catalog); Campos 1921: 96 (faunal list); Fischer 1935: 268 (revision); Blackwelder 1946: 721 (faunal list); Papp 1953: 31 (catalog); Uhmman 1957b: 37 (catalog); Staines 2013<sup>a</sup>: 9 (revision).

*Alurnus costalis bipartita* Pic 1926c: 9 (type: Ecuador, NMNH?). Pic 1934d: 8 (noted); Fischer 1935: 268 (revision); Blackwelder 1946: 721 (faunal list); Uhmman 1957b: 37 (catalog); Descarpentries & Villiers 1959a: 142 (types).

*Alurnus costalis niger* Pic. Zoological Record 1926: 238 [nomen nudum]; Blackwelder 1946:721 (faunal list).

**Distribution.** Colombia, Ecuador.

**Food plant.** Unknown.

### ***Alurnus crenatus* Staines 2013a**

*Alurnus crenatus* Staines 2013a: 10 (type: Bolivia, Rio Bopi, USNM).

**Distribution.** Bolivia.

**Food plant.** Unknown.

### ***Alurnus dallieri* Pic 1926c**

*Alurnus costalis dallieri* Pic 1926c: 9 (type: not specified, depository unknown). Fischer 1935: 268 (revision); Blackwelder 1946:721 (faunal list); Uhmman 1957b: 37 (catalog); Descarpentries & Villiers 1959a: 142 (types).

*Alurnus dallieri* Pic. Staines 2013a: 11 (revision).

**Distribution.** Ecuador.

**Food plant.** Unknown.

### ***Alurnus eckardtae* Günther 1936**

*Alurnus eckardtae* Günther 1936: 275 (type: Brazil, São Paulo d'Oliveira, depository unknown). Günther 1940: 467 (noted); Blackwelder 1946: 721 (faunal list); Papp 1953: 32 (catalog); Uhmman 1957b: 37 (catalog); Staines 2013a: 11 (revision).

**Distribution.** Brazil (São Paulo), Peru.

**Food plant.** Unknown.

### ***Alurnus elysianus* Thomson 1856**

*Alurnus elysianus* Thomson 1856: 481 (type: Amazonas, depository unknown). Baly 1858: 30 (noted); Gemminger & Harold 1876: 3605 (catalog); Donckier 1899: 558 (catalog); Jacobson 1899: 249 (revision); Weise 1910a: 103 (key), 1911a: 13 (catalog), 1911b: 19 (catalog); Fischer 1935: 273 (revision); Günther 1940: 467 (noted); Blackwelder 1946: 721 (faunal list); Guérin 1953: 99 (faunal list); Papp 1953: 32 (catalog); Uhmman 1957b: 37 (catalog), 1964a: 407 (catalog); Haitlinger 1989: 284 (mites); Santiago-Blay & Fain 1994: 409 (mites); Staines 2013a: 12 (revision).

*Alurnus lydiae* Uhmman 1928d: 289 (type: Brazil, Amazonas, Teffe, DEI). Uhmman 1932c: 265 (synonymy); Gaedike & Döbler 1971: 353 (types); Staines 1997b: 412 (Uhmman species list).

**Distribution.** Brazil (Amazonas), Guyana.

**Food plant.** Unknown.

### ***Alurnus grossus* Fabricius 1775**

*Alurnus grossus* Fabricius 1775: 94 (type: Indiis, ZMUC). Fabricius 1781: 115 (noted), 1787: 66 (noted), 1792: 51 (noted), 1801a: 25 (noted); Olivier 1792: 96 (noted), 1808: 759 (noted); Linnaeus 1788: 1666 (noted); Latreille 1802: 231 (noted), 1807: 49 (noted), 1810: 432 (catalog); Illiger 1804a: 130 (noted); Schönherr 1808: 342 (species list); Duméril 1823: plate 20, figure 12 (illustration); Dejean 1821: 115 (collection list), 1837: 387 (collection list); Castelnau 1840: 511 (noted); Guérin-Méneville 1840b: 331 (noted); Baly 1858: 27 (noted); Chenu & Desmarest 1870: 341 (noted); Gemminger & Harold 1876: 3605 (catalog); Donckier 1899: 558 (catalog); Jacobson 1899: 251 (revision); Weise 1910a: 103 (key), 1911a: 13 (catalog), 1911b: 19 (catalog); Fischer 1935: 274 (revision);

Blackwelder 1946: 721 (faunal list); Guérin 1953: 99 (faunal list); Papp 1953: 32 (catalog); Uhmman 1957b: 37 (catalog), 1964a: 407 (catalog); Monrós 1959: 26 (illustration); Zimsen 1964: 118 (types); Staines 2013a: 12 (revision).

*Hispa grossus* (Fabricius). Berge 1844: 87 (noted).

*Cistela curvipes* Panzer 1798: 25 (type: locality not stated, depository unknown). Gemminger & Harold 1876: 3605 (synonymy).

*Crioceris indica* Voet 1806: 37 (type: locality not specified, depository unknown). Baly 1858: 27 (synonymy).

*Alurnus tricolor* Olivier 1789: 127 (type: “Indes orientales”, depository unknown). Jacobson 1899: 251 (synonymy); Gaedike & Döbler 1971: 361 (types).

*Alurnus grossus nigricans* Jacobson 1899: 252 (type: locality not specified, depository unknown). Weise 1911a: 13 (catalog), 1911b: 19 (catalog); Fischer 1935: 274 (revision); Papp 1953: 32 (catalog).

**Distribution.** Brazil, Ecuador, French Guyana, Peru, Suriname.

**Food plant.** Unknown.

### ***Alurnus horni* Uhmman 1935e**

*Alurnus horni* Uhmman 1935e: 90 (replacement name for *Alurnus tricolor* Uhmman). Fischer 1935: 268 (revision); Blackwelder 1946: 721 (faunal list); Papp 1953: 32 (catalog); Uhmman 1957b: 38 (catalog); Staines 1997b: 412 (Uhmman species list), 2013a: 13 (revision).

*Alurnus tricolor* Uhmman (not Olivier) 1927c: 134 (type: Ecuador, DEI). Gaedike & Döbler 1971: 361 (types); Staines 1997b: 412 (Uhmman species list).

**Distribution.** Ecuador.

**Food plant.** Unknown.

### ***Alurnus humeralis* Rosenberg 1898**

*Alurnus humeralis* Rosenberg 1898: 94 (types: N.W. Ecuador, Low Country, River Cachabí, Cachabí, OXUM, MCZC). Donckier 1899: 613 (catalog); Gestro 1900c: 468 (nomenclature); Weise 1910a: 103 (key), 1911a: 13 (catalog), 1911b: 20 (catalog); Campos 1921: 96 (faunal list); Fischer 1935: 276 (revision); Blackwelder 1946: 721 (faunal list); Papp 1953: 32 (catalog); Uhmman 1957b: 38 (catalog); Merino & Vasquez 1963: 6 (biology); Hartley 1965: 363 (noted); Anonymous 1968: 111 (host plant); Santos 1968: 115 (biology), 1968b: 159 (biology); Gentry et al. 1978: 330 (biology); Mariau 1988: 459 (parasites), 1999: 233 (noted), 2001: 132 (noted); Angel 1989: 81 (museum list); Couturier & Kahn 1992: 720 (host plants); Howard & Abad 2001: 100 (biology); Staines 2002c: 12 (noted); Chávez & Rivadeneira 2003: 62 (biology); Chaboo 2007: 49 (noted); Verheye 2010: 15 (noted); Palma et al. 2011: 1 (pathogen); Staines 2013a: 14 (revision).

*Alurnus umeralis* Rosenberg. Silva et al. 1985: 36 (lapsus calami).

*Alurnus forticornis* Weise 1910a: 104 (type: Ecuador, Llanos, DEI). Weise 1911a: 13 (catalog), 1911b: 19 (catalog); Fischer 1935: 276 (synonymy); Papp 1953: 32 (catalog); Gaedike & Döbler 1971: 348 (types).

*Alurnus maximus* Jacobson 1899: 255 (type: Ecuador, Cachabi, depository unknown). Gestro 1900: 552 (synonymy), 1901b: 439 (noted), 1901c: 468 (synonymy).

*Alurnus d'orbignyi humeralis* Rosenberg. Weise 1911a: 14 (catalog), Weise 1911b: 20 (catalog); Fischer 1935: 276 (synonymy).

*Alurnus saundersii humeralis* Jacobson 1899: 247 (type: Ecuador, depository unknown). Weise 1910a: 105 (noted); Fischer 1935: 276 (synonymy).

*Alurnus orbignyi humeralis* (Guérin). Blackwelder 1946: 721 (faunal list); Papp 1953: 33 (catalog).

**Distribution.** Bolivia, Colombia, Ecuador, Peru.

**Food plants.** *Cocos nucifera* L., *Elaeis guineensis* Jacq. (Merino & Vasquez 1963); *Astrocaryum chonta* Martius (Couturier & Kahn 1992) (Arecaceae).

### ***Alurnus lansbergei* Sallé 1849**

*Alurnus lansbergei* Sallé 1849: 432 (type: Venezuela, Caracas, depository unknown). Fairmaire 1851: 549 (noted); Baly 1858: 28 (noted); Chenu & Desmarest 1870: 341 (noted);

Gemminger & Harold 1876: 3605 (catalog); Donckier 1899: 558 (catalog); Jacobson 1899: 251 (revision); Heyne & Taschenberg 1908: 252 (noted); Weise 1910a: 103 (key), 1911a: 13 (catalog), 1911b: 19 (catalog); Fischer 1935: 266 (revision); Bryant 1942: 205 (faunal list); Blackwelder 1946: 721 (faunal list); Uhmman 1957b: 38 (catalog); Descarpentires & Villiers 1959: 142 (types); Staines 2013a: 16 (revision).

*Alurnus landsbergi* Sallé. Papp 1953: 32 [lapsus calami, catalog].

*Alurnus lansbergei juncta* Pic 1934b: 155 (type: Colonie Tovar, MNHN?). Fischer 1935: 267 (revision); Descarpentries & Villiers 1959a: 142 (types).

*Alurnus lansbergei junctus* Pic. Blackwelder 1946: 721 (faunal list).

**Distribution.** Brazil, Colombia, Venezuela.

**Food plant.** Unknown.

### ***Alurnus mutabilis* Waterhouse 1881**

*Alurnus mutabilis* Waterhouse 1881: 265 (type: Ecuador, Sarayacu, BMNH). Donckier 1899: 558 (catalog); Jacobson 1899: 248 (revision); Weise 1910a: 103 (key), 1911a: 13 (catalog), 1911b: 19 (catalog); Fischer 1935: 267 (revision); Blackwelder 1946: 721 (faunal list); Papp 1953: 33 (catalog); Uhmman 1957b: 39 (catalog); Staines 2013a: 17 (revision).

*Alurnus mutabilis confluens* Jacobson 1899: 248 (type: Ecuador, depository unknown). Weise 1911a: 13 (catalog), 1911b: 19 (catalog); Fischer 1935: 268 (revision).

**Distribution.** Ecuador.

**Food plant.** Unknown.

### ***Alurnus obliquus* Uhmann 1961b**

*Alurnus obliquus* Uhmann 1961b: 6 (type: Bolivia, Yugas de la Paz, DEI). Uhmann 1964a: 407 (catalog); Gaedike & Döbler 1971: 356 (types); Staines 1997b: 412 (Uhmann species list), 2013a: 17 (revision).

*Alurnus obliquus epipleuralis* Uhmann 1961b: 8 (type: Peru, La Marée de Chanchamayo, DEI?). Uhmann 1964a: 407 (catalog); Staines 1997b: 412 (Uhmann species list).

**Distribution.** Bolivia, Peru.

**Food plant.** Unknown.

### ***Alurnus octopunctatus* Fairmaire 1851**

*Alurnus octopunctatus* Fairmaire 1851: 349 [type: Venezuela, MNHN?]. Baly 1858: 164 (noted); Gemminger & Harold 1876: 3605 (catalog); Donckier 1899: 558 (catalog); Jacobson 1899: 248 (revision); Weise 1910a: 103 (key), 1911a: 13 (catalog), 1911b: 19 (catalog); Fischer 1935: 269 (revision); Bryant 1942: 205 (faunal list); Blackwelder 1946: 721 (faunal list); Papp 1953: 33 (catalog); Uhmann 1957b: 39 (catalog); Staines 2013a: 18 (revision).

*Alurnus dryas* Thomson 1857a: 127 [type: Colombia, BMNH]. Baly 1858: 30 (synonymy).

*Alurnus octopunctatus fairmairei* Jacobson 1899: 248 (type: locality not specified, depository unknown). Weise 1911a: 13 (catalog), 1911b: 19 (catalog); Fischer 1935: 269 (revision); Blackwelder 1946: 721 (faunal list); Papp 1953: 33 (catalog).

*Alurnus octopunctatus marginicollis* Jacobson 1899: 249 (type: locality not specified, depository unknown). Weise 1911a: 13 (catalog), 1911b: 19 (catalog); Fischer 1935: 269 (revision); Blackwelder 1946: 721 (faunal list); Papp 1953: 33 (catalog).

**Distribution.** Colombia, Venezuela.

**Food plant.** Unknown.

### ***Alurnus orbigny* Guérin-Méneville 1840b**

*Alurnus d'orbigny* Guérin-Méneville 1840b: 331 (type: Bolivia, Santa Cruz, depository unknown). Blanchard 1843a: 211 (noted), 1846: plate 23, figure 6 (illustration); Guérin-Méneville 1855: 602 (faunal list); Thomson 1856: 118 (comparative note); Baly 1858: 28 (redescription); Berg 1900: 252 (faunal list); Weise 1910a: 103 (key), Campos 1921: 96 (faunal list); Fischer 1935: 274 (revision); Günther 1940: 467 (noted); Blackwelder 1936: 721 (faunal list); Monrós & Viana 1947: 174 (Argentina species); Uhmann 1964a: 407 (catalog), 1966d: 270 (types); Staines 2013a: 19 (revision).

*Alurnus orbigny* Guérin-Méneville. Blanchard 1843b: 211 (noted); Gemminger & Harold 1876: 3605 (catalog); Donckier 1899: 558 (catalog); Jacobson 1899: 248 (revision); Weise 1905f: 336 (noted), 1911a: 13 (catalog), 1911b: 19 (catalog); Bruch 1915: 375 (faunal list), 1928b: 202 (faunal list); Papp 1953: 33 (catalog); Uhmann 1964a: 407 (catalog).

*Alurnus iheringi* var. A Weise 1910a: 103 (type: Bolivia, Sara, Santa Cruz, ZMHB?). Fischer 1935: 275 (revision); Papp 1953: 32 (catalog).



*Alurnus orbignyi balyi* Jacobson 1899: 247 (type: locality not specified, depository unknown).  
 Weise 1911a: 14 (catalog), 1911b: 20 (catalog); Fischer 1935: 276 (revision);  
 Blackwelder 1946: 721 (faunal list); Papp 1953: 33 (catalog).

*Alurnus saundersii* Baly 1858: 28 (type: Peru, BMNH). Baly 1869b: 367 (noted); Gemminger &  
 Harold 1876: 3605 (catalog); Waterhouse 1881: 265 (distribution); Jacobson 1899: 247  
 (revision); Staines & Staines 1999: 522 (Baly species list).

*Alurnus saundersi* Baly. Donckier 1899: 559 (catalog); Weise 1905f: 336 (synonymy).

*Alurnus orbignyi saundersii* Baly. Waterhouse 1881: 265 (noted); Jacobson 1899: 247 (revision);  
 Weise 1905f: 336 (noted), 1911a: 13 (catalog), 1911b: 20 (catalog); Fischer 1935: 275  
 (revision); Blackwelder 1946: 721 (faunal list); Papp 1953: 33 (catalog).

*Alurnus iheringi* Weise 1910a: 103 (type: Brazil, Amazonas, Rio Jurua, ZMHB?). Weise 1911a:  
 13 (catalog), 1911b: 19 (catalog); Fischer 1935: 275 (synonymy); Blackwelder 1946: 721  
 (faunal list).

*Alurnus (Poecilalurnus) orbignyi* Guérin-Méneville. Jacobson 1899: 248 (revision); Berg 1900:  
 252 (faunal list).

**Distribution.** Argentina, Bolivia, Brazil, Ecuador, Peru, Venezuela.  
**Food plant.** *Aroides* sp. (Araceae) (Campos 1921).

### ***Alurnus ornatus* Baly 1869a**

*Alurnus ornatus* Baly 1869a: 87 (type: Nicaragua, BMNH). Gemminger & Harold 1876: 3605  
 (catalog); Baly 1885: 5 (Central America species); Donckier 1899: 558 (catalog);  
 Jacobson 1899: 247 (revision); Weise 1910a: 103 (key), 1911a: 14 (catalog), 1911b: 19  
 (catalog); Uhmman 1930e: 237 (faunal list), 1957b: 40 (catalog), 1964a: 407 (catalog);  
 Fischer 1935: 269 (revision); Blackwelder 1946: 721 (faunal list); Jeannel & Paulian  
 1949: 965 (noted); Papp 1953: 33 (catalog); Wilcox 1975: 138 (catalog); Maes & Staines  
 1991: 35 (faunal list); Staines 1996(1997): 7 (Nicaragua species), 2011b: 48 (faunal list),  
 2013a: 20 (revision); Maes 1998: 1015 (faunal list); Staines & Staines 1999: 522 (Baly  
 species list); McKenna & Farrell 2005: 121 (phylogeny).

**Distribution.** Colombia, Costa Rica, Nicaragua, Panama.  
**Food plant.** *Chamaedorea* sp. (Arecaceae) (Staines 2011b).

### ***Alurnus salvini* Baly 1885**

*Alurnus salvini* Baly 1885: 5 (types: Costa Rica, BMNH; Panama, Chiriquí, BMNH; Bugabá,  
 Panamá, BMNH; Bugabá, BMNH). Donckier 1899: 558 (catalog); Jacobson 1899: 250  
 (revision); Weise 1910a: 103 (key), 1911a: 14 (catalog), 1911b: 19 (catalog); Uhmman  
 1930e: 237 (faunal list), 1957b: 40 (catalog); Fischer 1935: 270 (revision); Blackwelder  
 1946: 721 (faunal list); Papp 1953: 33 (catalog); Wilcox 1975: 138 (catalog); Hsaio &  
 Windsor 1999: 43 (phylogeny); Staines & Staines 1999: 522 (Baly species list); Staines  
 2011b: 48 (faunal list), 2013a: 21 (revision).

*Alurnus salvini fallax* Jacobson 1899: 249 (type: locality not specified, depository unknown).  
Weise 1911a: 14 (catalog), 1911b: 19 (catalog); Fischer 1935: 270 (revision);  
Blackwelder 1946: 721 (faunal list); Papp 1953: 33 (catalog).

*Alurnus salvini panamensis* Pic 1922a: 27 (type: Panamá, MNHN?). Fischer 1935: 270  
(revision); Blackwelder 1946: 721 (faunal list); Papp 1953: 34 (catalog); Descarpentries  
& Villiers 1959a: 142 (types).

**Distribution.** Colombia, Costa Rica, Panama, Venezuela.

**Food plant.** *Chamaedorea* sp. (Staines 2011b); *Bactris gasaeipes* H.B.K. (Arecaceae)  
(Staines 2013a).

### ***Alurnus secernendus* Uhmman 1932c**

*Alurnus secernendus* Uhmman 1932c: 264 (type: Ecuador, Macas, DEI). Fischer 1935: 271  
(revision); Blackwelder 1946: 721 (faunal list); Papp 1953: 34 (catalog); Uhmman 1957b:  
40 (catalog); Gaedike & Döbler 1971: 359 (types); Staines 1997b: 412 (Uhmman species  
list), 2013a: 22 (revision).

**Distribution.** Ecuador.

**Food plant.** Unknown.

### ***Alurnus sexguttatus* Rosenberg 1898**

*Alurnus sexguttatus* Rosenberg 1898: 95 (type: Ecuador, Cachabí to Paramba, MCZC). Donckier  
1899: 613 (catalog); Weise 1910a: 103 (key), 1911a: 14 (catalog), 1911b: 19 (catalog);  
Campos 1921: 96 (faunal list); Fischer 1935: 271 (revision); Blackwelder 1946: 721  
(faunal list); Papp 1953: 34 (catalog); Uhmman 1957b: 40 (catalog); Staines 2013a: 23  
(revision).

**Distribution.** Ecuador.

**Food plant.** Unknown.

### ***Alurnus undatus* Brême 1844**

*Alurnus undatus* Brême 1844: 311 (type: Colombia, depository unknown). Donckier 1899: 559  
(catalog); Jacobson 1899: 250 (revision); Weise 1910a: 103 (key), 1911a: 14 (catalog),  
1911b: 20 (catalog); Fischer 1935: 270 (revision); Blackwelder 1946: 721 (faunal list);  
Papp 1953: 34 (catalog); Uhmman 1957b: 40 (catalog); Staines 2013a: 23 (revision).

**Distribution.** Colombia, Panama.

**Food plant.** Unknown.

## ***Coraliomela* Jacobson 1899**

*Coraliomela* Jacobson 1899: 253. Type species: *Alurnus brunneus* Thunberg, designated by Fischer (1935). Gestro 1903: 157 (noted); Weise 1911a: 14 (catalog), 1911b: 20 (catalog); Bruch 1914: 375 (faunal list); Fischer 1935: 279 (revision); Blackwelder 1946: 722 (catalog); Monrós & Viana 1947: 176 (key, Argentina); Guérin 1953: 99 (faunal list); Lima 1955: 203 (faunal list); Uhmman 1957b: 42 (catalog), 1964a: 407 (catalog); Buck 1958: 146 (museum list); Staines 1991(1992): 248 (type species), 2002b: 744 (key, genera); Jolivet 1989b: 304 (host plant); Jolivet & Hawkeswood 1995: 145 (host plants); Zorzenon et al. 1999: 143 (host plants); Chaboo 2007: 170 (phylogeny).

*Silurnus* Weise 1900b: 218. Type species: *Silurnus consanguineus* Weise, by monotypy.

*Psilurnus* Weise 1910a: 103. Type species: *Alurnus aeneoplagiata* Lucas, designated by Fischer (1935). Weise 1911a: 15 (catalog), 1911b: 21 (catalog); Fischer 1935: 280 (synonymy).

### ***Coraliomela aeneoplagiata* (Lucas 1859)**

*Alurnus aeneoplagiata* Lucas 1859: 193 (type: Brazil, Goyaz, depository unknown). Lucas 1887: CX (noted); Gemminger & Harold 1876: 3605 (catalog); Donckier 1899: 557 (catalog).

*Mecistomela* (*Coraliomela*) *quadrimaculata aeneoplagiata* (Lucas). Jacobson 1899: 235 (revision).

*Psilurnus aeneoplagiata* (Lucas). Weise 1905g: 57 (noted), 1911a:15 (catalog), 1911b:21 (catalog); Blackwelder 1946: 722 (catalog).

*Alurnus nigripes aeneoplagiata* Lucas. Heyne & Taschenberg 1908: 39 (noted).

*Coraliomela aeneoplagiata* (Lucas). Fischer 1935: 287 (revision); Lima 1936: 326 (faunal list), 1955: 203 (faunal list); Mendes 1938: 489 (host plant); Brandão 1942: 66 (noted); Lepesme 1947: 530 (host plants); Guérin 1953: 99 (faunal list); Uhmman 1957b: 43 (catalog); Buck 1958: 146 (museum list); Monrós 1959: 26 (illustration); Silva et al. 1968: 446 (faunal list); Toledo Piza 1968: 37 (noted); Zorzenon et al. 1999: 143 (host plants).

*Alurnus aeneocephala* Gemminger & Harold 1876: 3605 (lapsus). Lucas 1887: CX (noted); Donckier 1899: 557 (catalog).

*Mecistomela* (*Coraliomela*) *aeneocephala* (Gemminger & Harold). Jacobson 1899: 253 (revision); Weise 1911a: 15 (synonymy), 1911b: 21 (catalog); Papp 1953: 35 (catalog).

*Psilurnus bicoloripes* Pic 1922a: 27 (type: Brazil, NMNH?). Fischer 1935: 288 (synonymy); Descarpentries & Villiers 1959a: 142 (types).

*Silurnus consanguinea* Weise 1900b: 218 (type: Brazil, Sao Paulo, ZMHB?). Weise 1905g: 57 (noted), 1911a: 15 (catalog), 1911b:21 (catalog); Fischer 1935: 288 (synonymy); Papp 1953: 35 (catalog).

*Psilurnus donckieri* Weise 1905g: 57 (type: Brazil, Goyaz, Jatahy, NMNH). Weise 1911a:15 (catalog), 1911b:21 (catalog); Fischer 1935: 288 (synonymy); Descarpentries & Villiers 1959a: 142 (types).

*Mecistomela* (*Coraliomela*) *quadrimaculata lucasi* Jacobson 1899: 253 (type: type locality not specified, depository unknown).

*Psilurnus aeneoplagiatus lucasi* (Jacobson). Weise 1911a: 15 (catalog), 1911b:21 (catalog); Fischer 1935: 288 (synonymy).

**Distribution.** Brazil (Goyaz, São Paulo).

**Food plants.** Feeds on various palms (Fischer 1935); *Euterpe edulis* Mart., *E. oleracea* Mart. (Zorzenon et al. 1999) (Arecaceae).

***Coraliomela brunnea* (Thunberg 1821) *Alurnus brunnea***

Thunberg 1821: 200 (type: Brazil, depository unknown).

*Coraliomela brunnea* (Thunberg). Fischer 1935: 282 (type designation); Lima 1936: 236 (faunal list), 1955: 203 (faunal list); Bondar 1940a: 93 (biology), 1940h: 611 (biology), 1942a: 72 (noted); Brandão 1942: 66 (noted); Bosq 1943: 40 (faunal list); Macedo 1943: 37 (biology); Schlottfeldt 1944b: 110 (host plants); Blackwelder 1946: 722 (catalog); Gonçalves 1946: 156 (host plant); Monrós & Viana 1947: 179 (Argentina species); Guérin 1953: 99 (faunal list); Speyer 1954: 366 (host plants); Buck 1958: 146 (museum list); Sefer 1961: 44, 45 (host plant); Mariconi 1963: 469 (control); Uhmman 1964a: 407 (catalog), 1964b: 5 (faunal list); Silva et al. 1968: 447 (faunal list); Toledo Piza 1968: 37 (noted); Gallo et al. 1978: 66, 402 (biology); Howard & Abad 2001: 101 (biology); Ferreira & Morin 1984a: 23 (biology), 1984b: 256 (control); Mariau 1988: 459 (parasites), 1999: 233 (noted), 2001: 132 (noted); Ferreira et al. 1998: 193 (biology); Zorzenon et al. 1999: 143 (host plants); Roig-Juñent 2004: 115 (faunal list); Silva et al. 2004: 16 (noted); Moreira & Tupinambá 2006: 1 (biology); Alves & Rosa 2007: 545 (zootherapy); Cunha et al. 2008: 293 (pathogen).

*Coraliomela brunnea* [sic] (Thunberg). Miranda 1948: 48 (lapsus calami, biology); Vieira 1952: 27 (host plant); Uhmman 1957b: 43 (catalog); Silva et al. 1985: 37 (museum list).

*Coraliomela brunnea* (Thunberg). Jung & Monné 2006: 377 (morphology).

*Coraliomela aeneoplagiata* Heyne & Taschenberg 1908: 252 (not Lucas) (misidentification).

*Alurnus alternans* Gistel 1831: 309 (type: locality not specified, depository unknown). Monrós & Bechyné 1956: 1135 (nomenclature).

*Alurnus coccineus* Vigors 1837: 387 (Nomen Nudum). Guérin-Méneville 1840b: 331 (noted).

*Alurnus coccinea* var. A. Guérin-Méneville 1840b: 331 (noted); Weise 1911a: 14 (synonymy), 1911b: 20 (catalog).

*Alurnus coccinea* var. B. Guérin-Méneville 1840b: 331 (noted).

*Alurnus coccinea* Guérin-Méneville 1840b: 331 (not Vigors) (misidentification) Baly 1858: 26 (correction); Weise 1911a: 14 (catalog), 1911b: 20 (catalog).

*Alurnus collaris* Guérin-Méneville 1840b: 331 (type: Brazil, depository unknown). Jacobson 1899: 254 (revision); Fischer 1935: 280 (synonymy); Uhmman 1957b: 44 (catalog), 1966d: 270 (types).

*Mecistomela* (*Coraliomela*) *corallina collaris* Guérin-Méneville. Jacobson 1899: 254 (revision); Weise 1911a: 14 (catalog), 1911b: 20 (catalog); Bruch 1915: 375 (faunal list); Fischer 1935: 280 (synonymy); Monrós & Viana 1947: 179 (Argentina species).

*Coraliomela brunnea collaris* (Guérin-Méneville). Fischer 1935: 280 (revision); Blackwelder 1946: 722 (catalog); Monrós & Viana 1947: 179 (Argentina species); Uhmman 1957b: 44 (catalog).

*Alurnus corallinus* Vigors 1826: 240 (type: Brazil, depository unknown). Gistl 1831: 309 (comparative note); Baly 1858: 26 (noted); Gemminger & Harold 1876: 3605 (catalog); Donckier 1899: 557 (catalog); Bondar 1913: 52 (noted), 1915: 441 (noted); Jacobson 1924: 241 (synonymy).

*Alurnus corallina* Vigors. Guérin-Ménéville 1844: 266; (noted) Donckier 1899: 557 (catalog).

*Mecistomela (Coraliomela) corallina* (Vigors). Jacobson 1899: 254 (revision), 1924: 241 (synonymy); Berg 1900: 256 (faunal list); Weise 1910a: 105 (noted), 1911a: 14 (catalog), 1911b: 20 (catalog); Bruch 1915: 375 (faunal list), 1928b: 202 (faunal list); Lima 1921: 122 (noted), 1922: 111 (faunal list), 1928: 189 (faunal list); Moreira 1921a: 69 (biology), 1921b: 471 (noted), 1929:82 (noted); Azevedo 1923: 152 (noted); Andrade 1928: 450 (faunal list); Bosq 1935: 344 (faunal list); Fischer 1935: 280 (synonymy); Lepesme 1947: 530 (host plants); Risbec 1950a: 379 (host plant); Papp 1953: 35 (catalog).

*Mecistomela corallina* (Vigors). Bondar 1922: 48 (biology), 1925a: 34 (biology), 1931b: 136 (biology), 1953: 55 (noted), 1954: 9 (noted); Andrade 1926: 71 (host plant), 1928: 450 (host plant); Speyer 1932: 223 (noted); Carvalho & Carvalho 1939: 55 (faunal list); Freitas 1947: 206 (pest status); Vieira 1952: 27 (host plant); Bondar 1954: 9 (noted); Speyer 1954: 367 (host plants).

*Alurnus coralinus* Vigors. Bondar 1938b: 10 (noted).

*Coraliomela corallina* Thunberg. Monrós & Bechyné 1956: 1135 (transfer, nomenclature).

*Mecistomela corallinus* (Vigors). Ihering 1968: 129 (noted).

*Mecistomela (Coraliomela) coralina* [sic] (Vigors). Lima 1930: 68 (faunal list).

*Mecistomela corallina bijuncta* Pic 1922a: 27 (type: Brazil, NMNH?). Fischer 1935: 283 (synonymy); Descarpentries & Villiers 1959a: 142 (types).

*Mecistomela (Coraliomela) bijuncta* (Pic). Papp 1953: 34 (catalog).

*Mecistomela (Coraliomela) corallina maculata* Jacobson. Weise 1911a: 14 (catalog), 1911b: 20 (catalog); Bruch 1915: 375 (faunal list); Fischer 1935: 283 (synonymy).

*Mecistomela (Coraliomela) corallina nigerrima* Jacobson 1899: 254 (type: type locality not specified, depository unknown). Weise 1911a: 14 (catalog), 1911b: 20 (catalog); Bruch 1915: 376 (faunal list); Fischer 1935: 284 (revision); Papp 1953: 36 (catalog).

*Mecistomela (Coraliomela) thoracica nigerrima* Jacobson. Fischer 1935: 285 (synonymy).

*Coraliomela brunnea nigerrima* Jacobson. Blackwelder 1946: 722 (catalog); Guérin 1953: 99 (faunal list).

*Alurnus cruentatus* Dejean 1837: 387 (Nomem Nudum). Guérin-Ménéville 1840b: 330 (noted); Weise 1911a: 14 (catalog), 1911b: 20 (synonymy); Fischer 1935: 283 (synonymy).

*Alurnus nigripes* Guérin-Ménéville 1840b: 331 (type: Argentina, Corrientes, Chiquitos, depository unknown). Guérin-Ménéville 1855: 602 (faunal list); Baly 1858: 27 (noted); Gemminger & Harold 1876: 3605 (catalog); Donckier 1899: 558 (catalog); Gahan & Arrow 1904: 249 (faunal list); Heyne & Taschenberg 1908: 252 (noted); Uhmman 1966d: 270 (types); Mann & Crowson 1996: 301 (internal sac).

*Mecistomela nigripes* (Guérin-Ménéville). Berg 1900: 255 (faunal list); Spaeth 1937a: 144 (faunal list); Haitlinger 1989: 288 (mites).

*Mecistomela (Coraliomela) nigripes* (Guérin-Ménéville). Jacobson 1899: 253 (revision); Berg 1900: 254 (faunal list); Weise 1910a: 106 (key), 1911b: 14 (revision); Bruch 1915: 376 (faunal list), 1928b: 202 (faunal list); Papp 1953: 36 (catalog).

*Coraliomela brunnea nigripes* (Guérin-Ménéville). Fischer 1935: 282 (revision); Blackwelder 1946: 722 (catalog); Monrós & Viana 1947: 179 (Argentina species); Uhmman 1957a: 2 (faunal list), 1957b: 45 (catalog); Buck 1958: 146 (museum list); Santiago-Blay & Fain 1994: 409 (mites); Zorzenon et al. 1999: 143 (host plants).

*Coraliomela nigripes* (Guérin-Ménéville). Guérin 1953: 99 (faunal list).

*Mecistomela nigripes* Gmer. Haitlinger 1989: 288 (mites).

*Alurnus okeni* Gistel 1837: 401 (nomen nudum). Monrós & Bechyné 1956: 1135 (nomenclature).

*Mecistomela (Coraliomela) ruficollis* Jacobson 1899: 254 (type: type locality not specified, depository unknown). Weise 1911a: 14 (catalog), 1911b: 20 (synonymy).

*Mecistomela (Coraliomela) thoracica ruficollis* Jacobson 1899: 254 (type: locality not specified, depository unknown). Berg 1900: 255 (faunal list); Weise 1911a: 14 (catalog), 1911b: 20 (catalog).

*Alurnus sanguineus* Dejean 1837: 387 (Nomen Nudum).

*Alurnus sanguineus* Guérin-Ménéville 1840b: 331 (type: Brazil, depository unknown). Jacobson 1899: 255 (revision); Weise 1911a: 14 (synonymy), 1911b:20 (catalog); Fischer 1935: 280 (synonymy); Uhmman 1957b: 45 (catalog), 1966d: 270 (types).

*Mecistomela (Coraliomela) corallina sanguinea* (Guérin-Ménéville). Jacobson 1899: 255 (revision); Weise 1911a: 14 (catalog), 1911b:20 (catalog); Fischer 1935: 280 (synonymy).

*Mecistomela (Coraliomela) thoracica phenax* Jacobson 1899: 254 (type: type locality not specified, depository unknown). Weise 1911a: 14 (catalog), 1911b: 20 (synonymy); Fischer 1935: 281 (synonymy).

*Alurnus thoracicus* Perty 1832: 99 (type: Brazil, depository unknown). Guérin-Ménéville 1840b: 330 (noted); Baly 1858: 25 (noted); Gemminger & Harold 1876: 3605 (catalog); Donckier 1899: 559 (catalog); Gahan & Arrow 1904: 249 (faunal list); Mann & Crowson 1996: 301 (internal sac).

*Mecistomela (Coraliomela) thoracica* (Perty). Jacobson 1899: 254 (revision); Berg 1900: 254 (faunal list).

*Mecistomela (Coraliomela) corallina thoracica* (Perty). Weise 1911a: 14 (catalog), 1911b: 20 (catalog); Bruch 1915: 375 (faunal list); Papp 1953: 35 (catalog).

*Mecistomela (Coraliomela) thoracica maculata* Jacobson 1899: 254 (type: locality not specified, depository unknown). Weise 1911a: 14 (catalog), 1911b: 20 (catalog); Fischer 1935: 283 (synonymy).

*Mecistomela (Coraliomela) thoracica nigerrima* Jacobson 1899: 254 (type: locality not specified, depository unknown).

*Coraliomela brunnea thoracica* (Perty). Fischer 1935: 283; (revision); Blackwelder 1946: 722 (catalog); Uhmman 1957b: 46 (catalog); Buck 1958: 146.

*Coraliomela thoracica* (Perty). Monrós & Viana 1947: 180 (Argentina species).

*Alurnus thoracicus* var. A. Baly 1858: 26 (noted).

*Alurnus thoracicus* var. D. Baly 1858: 26 (noted); Fischer 1935: 284 (synonymy).

*Coraliomela brunnea thoracica* (Perty). Guérin 1953: 99 (faunal list).

*Mecistomela (Coraliomela) thoracica trinotata* Berg 1900: 255 (type: Paraguay, MACN). Fischer 1935: 286 (revision); Bruch 1937: 43 (noted); Bachmann & Cabrera 2010: 73 (types).

*Mecistomela* (*Coraliomela*) *thoracica quinquenotata* Berg 1900: 255 (type: Argentina, Misiones; Paraguay; MACN). Deautier 1928: 39 (elytra); Fischer 1935: 286 (synonymy); Bachmann & Cabrera 2010: 70 (types).

*Mecistomela* (*C.*) *corallina quinquenotata* Berg. Bruch 1915: 376 (faunal list), 1937: 43 (synonymy).

*Coraliomela quadrimaculata quinquenotata* Berg. Fischer 1935: 286 (revision).

*Mecistomela quadrimaculata quinquenotata* (Berg). Blackwelder 1946: 721 (catalog).

*Coraliomela thoracica quinquenotata* (Berg). Monrós & Viana 1947: 181 (Argentina species).

*Coraliomela brunnea thoracica quinquenotata* Berg. Buck 1958: 146 (museum list).

*Coraliomela thoracica trinotata* Berg. Monrós & Viana 1947: 180 (Argentina species).

*Coraliomela quadrimaculata trinotata* Berg. Fischer 1935: 286 (revision); Zorzenon et al. 1999: 143 (host plants).

*Mecistomela quadrimaculata trinotata* Blackwelder 1946: 722 (catalog).

*Alurnus vigorsii* Dejean 1837: 387 (Nomen Nudum).

*Alurnus vigorsii* Guérin-Méneville 1840b: 331 (type: Brazil, depository unknown). Guérin-Méneville 1844a: 266 (noted); Baly 1858: 26; Girard 1873: 784 (noted); Uhmman 1966d: 270 (types).

*Alurnus corallinus vigorsi* Guérin-Méneville. Donckier 1899: 557 (catalog); Mann & Crowson 1996: 301 (internal sac).

*Coraliomela brunnea vigorsi* (Guérin-Méneville). Fischer 1935: 282 (revision); Blackwelder 1946: 722 (catalog); Buck 1958: 146 (museum list); Uhmman 1957b: 47 (catalog); Zorzenon et al. 1999: 143 (host plants).

*Mecistomela* (*Coraliomela*) *corallina vigorsi* (Guérin-Méneville). Jacobson 1889: 254 (revision); Weise 1911a: 14 (catalog), 1911b: 20 (catalog); Bruch 1915: 375 (faunal list); Fischer 1935: 283 (revision).

*Coraliomela vigorsi* (Guérin-Méneville). Guérin 1953: 99 (faunal list).

**Distribution.** Argentina, Bolivia, Brazil (Amazonas, Bahia, Goiás, Maranhão, Minas Gerais, Mato Grosso, Pará, Paraíba, Pernambuco, Piauí, Rio Grande do Norte, Rio Grande do Sul, Rio de Janeiro, Rondonia, Sao Paulo, Sergipe), Paraguay.

**Food plants.** *Cocos nucifera* L., *Syagrus romanzoffiana* (Cham.) Glassman, *S. schizophylla* (Mart.) Glassman, *S. coronata* Becc. (Bondar 1922, 1931b); *S. vagans* (Bondar) A. D. Hawkes, *Allagoptera arenaria* Kuntze, *Phoenix dactylifera* L. (Andrade 1926); *Copernicia cerifera* Martius (Gonçalves 1946); *Arecastrum romanzoffianum* (Cham.) Becc. (Schlotfeldt 1944b); *Euterpe edulis* Mart., *E. oleracea* Mart. (Zorzenon et al. 1999); *Elaeis guineensis* (Sefer 1961); *Cocos coronata* Mart., *C. schizophylla* Mart., *C. vagans* Bond., *Diplothemium maritimum* Mart., *D. caudescens* Mart. (Bondar 1940a) (Arecaceae).

### ***Coraliomela quadrimaculata* (Guérin-Méneville 1840b)**

*Alurnus quadrimaculatus* Dejean 1837: 387 (Nomen Nudum).

*Alurnus quadrimaculatus* Guérin-Méneville 1840b: 330 (type: Argentina, Corrientes; Paraguay, depository unknown). Blanchard 1843: 211 (noted); Baly 1858: 26 (noted); Gemminger & Harold 1876: 3605 (catalog); Donckier 1899: 558 (catalog); Bondar 1915a: 23 (biology); Uhmman 1966d: 270 (types).

*Mecistomela (Coraliomela) quadrimaculata* (Guérin-Méneville). Jacobson 1899: 253 (revision); Berg 1900: 253 (faunal list); Weise 1910a: 105 (key), 1911b: 14 (catalog), 1913: 21; Bondar 1913: 52 (noted), 1915b: 441 (noted), 1922: 53 (noted), 1931b: 137 (noted), 1940a: 97 (noted), 1940h: 613 (biology); Bruch 1915: 376 (faunal list), 1928b: 202 (faunal list), 1937: 42 (noted); Lima 1922: 190 (faunal list), 1928: 189 (faunal list), 1936: 327 (faunal list); Bosq 1935: 344 (faunal list), 1943: 40 (faunal list); Fischer 1935: 284 (revision); Bruch 1937: 37 (faunal list); Lepesme 1947: 531 (host plants); Monrós & Viana 1947: 182 (Argentina species); Uhmman 1948b: 74 (museum list), 1957b: 47 (catalog), 1964a: 408 (catalog); Risbec 1950a: 379 (host plant); Papp 1953: 36 (catalog); Buck 1958: 146 (museum list).

*Mecistomela quadrimaculata* (Guérin-Méneville). Lima 1955: 203 (faunal list); Gomes Costa 1958: 216 (biology).

*Alurnus* var. A. Guérin-Méneville 1840b: 330 (noted); Fischer 1935: 285 (synonymy).

*Alurnus silbermanni* Guérin-Méneville 1840b: 330 (type: locality not specified, depository unknown). Uhmman 1966d: 271 (types).

*Mecistomela (Coraliomela) quadrimaculata silbermanni* (Guérin-Méneville). Jacobson 1899: 253 (revision); Weise 1905f: 336 (noted), 1911b: 14 (catalog); Bruch 1915: 376 (faunal list); Fischer 1935: 285 (revision); Papp 1953: 36 (catalog).

*Mecistomela marginata quadrimaculata* (Guérin-Méneville). Blackwelder 1946: 721 (catalog).

*Coraliomela quadrimaculata silbermanni* (Guérin-Méneville). Fischer 1935: 284 (revision); Uhmman 1957b: 48 (catalog); Buck 1958: 146 (museum list).

*Alurnus quadrimaculata silbermanni* Guérin-Méneville. Uhmman 1958d: 6 (nomenclature).

*Mecistomela quadrimaculata* (Guérin-Méneville). Bondar 1931b: 137 (noted), 1940a: 97 (noted); Lima 1955: 203 (faunal list).

*Coraliomela quadrimaculata* (Guérin-Méneville). Fischer 1935: 284 (revision); Lima 1936: 327 (faunal list); Bruch 1937: 37 (biology); Brandão 1942: 66 (noted); Gomes Costa 1942: 483 (host plant); Bosq 1943: 40 (faunal list); Monrós & Viana 1947: 177 (Argentina species); Biezanko 1949 (host plant); Guérin 1953: 99 (faunal list); Uhmman 1948b: 74 (noted), 1957b: 45 (catalog); Grandi 1951: 841 (noted); Buck 1958: 146 (museum list); Cox 1996a: 167 (pupa); Samuelson 1996: 290 (morphology); Mariau 1999: 233 (noted), 2001: 132 (noted); Roig-Juñent 2004: 115 (faunal list).

*Mecistomela (Coraliomela) quadrimaculata bimaculata* Weise 1905f: 336 (type: Brazil, Theresopolis, ZMHB). Weise 1911b: 14 (catalog); Bruch 1915: 376 (faunal list); Papp 1953: 36 (catalog).

*Mecistomela quarimaculata bimaculata* (Weise). Blackwelder 1946: 721 (catalog).

*Coraliomela quadrimaculata bimaculata* (Weise). Fischer 1935: 286 (revision); Monrós & Viana 1947: 183 (Argentina species); Buck 1958: 146 (museum list); Silva et al. 1968: 147 (faunal list).

**Distribution.** Argentina, Brazil, and Paraguay.

**Food plants.** *Cocos ramanzoffiana* Cham. (Bondar 1940a); *C. eriospatha* Mart. (Biezanko et al. 1949); *Phoenix* sp. (Bruch 1937); *Attalea concentrista* Bondar, *Cocos coronata* Becc., *Euterpe edulis* Mart., *Phoenix dactylifera* L. (Vieira 1952); *Cocos nucifera* L. (Lepesme 1947) (Arecaceae).



### ***Coraliomela vicina* (Guérin-Méneville 1840b)**

- Alurnus vicinus* Guérin-Méneville 1840b: 331 (type: Bolivia, Chiquitos, depository unknown).  
Baly 1858: 27 (noted); Gemminger & Harold 1876: 3605 (catalog).
- Alurnus vicina* Guérin-Méneville. Donckier 1899: 559 (catalog); Uhmann 1966d: 271 (types).  
Donckier 1899: 559 (catalog); Uhmann 1966d: 271 (types).
- Mecistomela (Coraliomela) vicina* (Guérin-Méneville). Jacobson 1899: 254 (revision); Weise  
1910a: 105 (key), 1911a: 15 (catalog), 1911b: 21 (catalog); Papp 1953: 36 (catalog).
- Mecistomela vicina* (Guérin-Méneville). Blackwelder 1946: 721 (catalog).
- Coraliomela vicina* (Guérin-Méneville). Fischer 1935: 280 (revision); Guérin 1953: 99 (faunal  
list); Uhmann 1957b: 48 (catalog).
- Mecistomela (Coraliomela) var. bisignata* Berg 1900: 257 (type: Bolivia, MACN). Bachmann &  
Cabrera 2010: 60 (types).
- Coraliomela vicina bisignata* (Berg). Fischer 1935: 287 (revision).
- Mecistomela vicina bisignata* (Berg). Blackwelder 1946: 721 (catalog).

**Distribution.** Bolivia, Brazil.

**Food plants.** Unknown.

### ***Mecistomela* Jacobson 1899**

- Mecistomela* Jacobson 1899: 246. Type species: *Alurnus marginata* Thunberg, by monotypy.  
Gestro 1903: 157 (noted); Weise 1910a: 105 (key), 1911a: 13 (catalog), 1911b: 20  
(catalog); Bruch 1915: 375 (faunal list); Fischer 1935: 277 (revision); Lepesme 1947: 530  
(host plants); Monrós & Viana 1947: 175 (Argentina species); Guérin 1953: 99 (faunal  
list); Papp 1953: 34 (catalog); Lima 1955: 203 (faunal list); Uhmann 1957b: 41 (catalog);  
Buck 1958: 146 (museum list); Ihering 1968: 129 (noted); Cox 1994b: 448 (parasites);  
Jolivet 1989b: 303 (host plant); Jolivet & Hawkeswood 1995: 144 (host plants); Staines  
2002a: 745 (key, genera); Chaboo 2007: 170 (phylogeny).

### ***Mecistomela marginata* (Thunberg 1821)**

- Alurnus marginata* Thunberg 1821: 200 (type: locality not specified, depository unknown).  
Lacordaire 1830: 146 (noted); Perty 1832: 17 (noted); Kempers 1922: 35 (noted).
- Alurnus marginatus* Thunberg. Latreille 1817a: 188 (noted), 1817b: plate 13 (illustration);  
Dejean 1821: 115 (collection list), 1837: 387 (collection list); Duncan 1835: 260 (noted);  
Guérin-Méneville 1840b: 330 (noted); Gemminger & Harold 1876: 3605 (catalog); Göldi  
1887: 584 (biology), 1894: 52 (noted); Donckier 1899: 558 (catalog); Heyne &  
Taschenberg 1908: 252 (noted); Bondar 1915a: 439 (biology).
- Hispa bordée* Latreille 1829: 142 (description).
- Alurnus marginatus* Latreille. Baly 1858: 25 (noted).
- Hispa (Alurnus) marginata* Thunberg. Voigt 1839: 324 (noted).
- Mecistomela marginata* (Latreille). Jacobson 1899: 246 (revision).

*Mecistomela marginata* (Thunberg). Weise 1911a: 14 (catalog), 1911b: 20 (catalog); Bondar 1922: 48 (biology), 1925b: 203 (noted), 1931b: 137 (biology), 1940a: 97 (biology), 1940b: 27 (biology), 1940h: 613 (biology), 1953: 614 (noted); Moreira 1921: 70 (noted), 1929: 82 (noted); Lima 1922: 190 (faunal list), 1928: 189 (faunal list), 1936: 327 (faunal list), 1955: 203 (faunal list); Uhmman 1932a: 36 (museum list), 1957b: 41 (catalog), 1964a: 407 (catalog); Fischer 1935: 278 (revision); Fonseca 1936: 286 (noted); Maulik 1937: 133 (host plants); Brandão 1942: 66 (noted); Gomes Costa 1942: 483 (host plant), 1958: 215 (biology); Schlottfeldt 1944: 110 (host plants); Lepage & Figueiredo 1945: 41 (host plant); Lepesme 1947: 532 (host plants); Blackwelder 1946: 721 (catalog); Monrós & Viana 1947: 175 (Argentina species); Risbec 1950a: 379 (host plant); Fonseca 1953: 11 (biology); Guérin 1953: 99 (faunal list); Papp 1953: 34 (catalog); Robbs 1953: 69 (host plant); Buck 1958: 146 (museum list); Roobs 1960: 88 (control); Sefer 1961: 45, 46 (host plant); Mariconi 1963: 469 (control); Ihering 1968: 129 (noted); Gallo et al. 1978: 66, 402 (biology); Silva et al. 1985: 39 (museum list); Macedo et al. 1990: 647 (parasite), 1994: 567 (biology); Santiago-Blay & Fain 1994: 409, 410 (mites); Ferreira et al. 1998: 195 (noted); Howard & Abad 2001: 101 (biology); Grenha et al. 2004: 225 (biology), 2008: 320 (biology); Roig-Juñent 2004: 116 (faunal list); Chaboo 2007: 20 (noted); Hansson 2009: 7 (parasite); Oliveira Araujo et al. 2009 : 84 (noted) ; Clark & Belo Neto 2010: 384 (noted).

*Alurnus marginata* var. A. Baly 1858:25 (noted); Jacobson 1899: 252 (revision), 1924: 240 (synonymy).

*Mecistomela marginatus*. Haitlinger 1989: 290 (mites).

*Coraliomela marginata* (Latreille). Mariau 1999: 233 (noted), 2001: 132 (noted).

*Mecistomela marginata brevenotata* Pic 1922a: 27 (type: Brazil, NMNH?). Fischer 1935: 279 (synonymy); Monrós & Viana 1947: 176 (Argentina species); Papp 1953: 34 (catalog); Descarpentries & Villiers 1959a: 142 (types).

*Mecistomela marginata corallina* Pic. Blackwelder 1946: 721 (catalog).

*Mecistomela marginata dissecta* Jacobson 1899: 252 (type: locality not specified, depository unknown). Weise 1911a: 14 (catalog), 1911b: 20 (catalog); Fischer 1935: 279 (synonymy); Jacobson 1924: 240 (noted); Lepesme 1947: 533 (host plants); Papp 1935: 34 (catalog).

*Mecistomela marginata reducta* Pic 1922a: 27 (type: Brazil, NMNH?). Fischer 1935: 279 (synonymy); Monrós & Viana 1947: 176 (Argentina species); Papp 1953: 34 (catalog); Descarpentries & Villiers 1959a:142 (types).

*Alurnus* sp. Bondar 1913: 52 (biology).

*Alurnus circumdata* Schönherr 1837: 317 (Nomen nudum).

*Alurnus circumdatus* Schönherr. Dejean 1821: 115 (collection list), 1837: 387 (collection list).

*Alurnus cruciata* Thunberg 1821: 201 (type: locality not specified, depository unknown).

Latreille 1817a: 188 (noted); Blanchard 1849: 508 (noted); Jacobson 1924: 240 (synonymy).

*Mecistomela marginata cruciata* (Thunberg). Jacobson 1924: 240 (noted).

**Distribution.** Brazil (Bahia, Distrito Federal, Goiás, Minas Gerais, Paraná, Rio de Janeiro, Santa Catarina, São Paulo).

**Food plants.** *Arecastrum romanoffianum* (Cham.) Becc. (Schlottfeldt 1944b); *Allagoptera arenaria* (Gomes) O'Ktze, *Cocos nucifera* L., *Diplothemium* sp., *Livistona* sp., *Copernicia* sp., *Elaeis guineensis* Jacq., *Phoenix* sp. (Jolivet & Hawkeswood 1995); *Livistona chinensis* R. Br. (Maulik 1937); *Cocos botyophora* Mart., *C. campestris* Mart. (Lepesme 1947) (Arecaceae).

## ***Platyauchenia* Sturm 1843**

*Platyauchenia* Sturm 1843: 358. Type species: *Cassida latreillei* Castelnau, by monotypy.  
Gemminger & Harold 1876: 3619 (catalog); Spaeth 1914: 4 (catalog), Spaeth 1917: 24 (nomenclatural noted); Maulik 1933b: 669 (immatures); Blackwelder 1946: 733 (catalog); Lepesme 1947: 529 (host plants); Lima 1955: 205 (faunal list); Uhmman 1957b: 48 (catalog); Crowson 1967: 154 (noted), 1981: 609 (noted); Jolivet 1988b: 13 (host plants), 1989b: 304 (host plants); Jolivet & Hawkeswood 1995: 145 (host plants); Staines 2002a: 745 (key to genera), 2007d: 1 (review); Chaboo 2007: 15 (noted).  
*Sphaeropalpus* Dejean 1837: 391 (Nomen Nudum).  
*Sphaeropalpus* Guérin-Méneville 1844a: 285. Type species: *Sphaeropalpus cincta* Guérin-Méneville, by monotypy. Boheman 1850: 6 (redescription); Chapuis 1875: 360 (redescription).

### ***Platyauchenia latreillei* (Castelnau, 1840)**

*Cassida latreillei* Castelnau 1840: 510 (type: Brazil, depository unknown).  
*Himatidium latreillei* (Castelnau). Spaeth 1914: 14 (catalog).  
*Imatidium latreillei* (Castelnau). Papp 1953: 125 (catalog).  
*Platyauchenia latreillei* (Castelnau). Spaeth 1917: 24 (noted), 1935a: 65 (status); Maulik 1933b: 669 (immatures), 1937: 133 (host plants), 1940: 256 (host plants); Bondar 1940a: 98 (biology), 1940b: 27 (biology), 1940c: 37 (biology), 1940d: 847 (biology), 1940h: 613 (biology); Blackwelder 1946: 733 (catalog); Lepesme 1947: 529 (host plants); Risbec 1950a: 379 (host plant); Lima 1955: 205 (faunal list); Monte 1955: 374 (noted); Uhmman 1957b: 48 (catalog); Godofredo d'Araújo e Silva et al. 1968: 450 (faunal list); Jolivet & Hawkeswood 1995: 145 (host plants); Mariau 1999: 233 (noted), 2001: 132 (noted), 2004: 605 (biology); Cox 1996a: 167 (pupa); Chaboo 2007: 39 (noted); Staines 2007d: 1 (review).  
*Sphaeropalpus cinctus* Dejean 1837: 391 (Nomen Nudum).  
*Sphaeropalpus cinctus* Guérin-Méneville 1844a: 285 (type: Brazil, depository unknown). Boheman 1850: 7 (synonym); Baly 1866: 7 (comparative note); Maulik 1933: 669 (noted); Uhmman 1966d: 270 (noted).  
*Sphaeropalpus deyrollei* Baly 1866 (1863): 6 (type: Brazil, BMNH). Spaeth 1914: 4 (catalog), 1935: 65 (nomenclatural noted); Maulik 1933: 669 (synonym); Lepesme 1947: 529 (biology).  
*Platyauchenia deyrollei* (Baly). Gemminger & Harold 1876: 3619 (catalog); Spaeth 1914: 4 (catalog); Pic 1921: 2 (comparative noted); Lima 1928: 188 (faunal list), 1936: 317

(faunal list); Blackwelder 1946: 733 (catalog); Lepesme 1947:529 (biology); Mariau 1999: 233 (noted), 2001: 132 (noted).

*Platyauchenia deyrollei* Guérin. Bondar 1924: 111 (biology), 1925: 48 (biology); Lima 1955: 205 (faunal list).

*Platyauchenia limbata* Strum 1843: 359 (type: Brazil, depository unknown). Boheman 1850: 7 (redescription); Gemminger & Harold 1876: 3619 (catalog); Spaeth 1914: 4 (catalog), 1917: 24 (synonymy); Maulik 1933: 669 (nomenclature).

*Platyauchenia titubans* Dohrn 1880: 153 (type: Brazil, depository unknown). Spaeth 1914: 5 (catalog), 1917: 24 (nomenclatural noted), 1935: 66 (synonym); Maulik 1933: 670 (nomenclature); Blackwelder 1946: 733 (catalog).

*Platyauchenia quinquemaculata* Pic 1921: 2 (type: Brazil, MNHN?). Blackwelder 1946: 733 (catalog); Uhmman 1957b: 49 (catalog); Staines 2007d: 2 (synonymy).

**Distribution.** Brazil.

**Food plants.** *Cocos nucifera* L., *Diplothemium caudescens* Mart. (Arecaceae) (Maulik 1933b, 1940; Bondar 1924); *Cocos botryophora* Mart. (Lepesme 1947). Noted that Maulik (1933, 1937) incorrectly listed the host plant as *Theobroma cacao* L.

### ***Platyauchenia ruficollis* Staines 2007d**

*Platyauchenia ruficollis* Staines 2007d: 5 (type: Brazil, Goyaz, Coiquina (?),USNM).

**Distribution.** Brazil.

**Food plants.** Unknown.

## ***Pseudocalaspidea* Jacobson 1899**

*Pseudocalaspidea* Jacobson 1899: 245. Type species: *Alurnus cassidea* Westwood, by monotypy. Weise 1910a: 102 (key), 1911a: 12 (catalog), 1911b: 18 (catalog); Uhmman 1957b: 35 (catalog), 1964a: 406 (catalog); Wilcox 1975: 138 (catalog); Staines 2002a: 745 (key, genera).

### ***Pseudocalaspidea cassidea* (Westwood 1842)**

*Alurnus cassidea* Westwood 1842: 204 (type: México, BMNH). Baly 1858: 165 (noted), 1869b: 367 (noted), 1885: 6 (distribution); Gemminger & Harold 1876: 3605 (catalog); Waterhouse 1881: 265 (faunal list).

*Alurnus cassideus* Westwood. Donckier 1899: 557 (catalog)

*Pseudocalaspidea cassidea* (Westwood). Jacobson 1899: 245 (revision); Csiki 1900b: 403 (museum list); Weise 1910a: 103 (noted), 1911a: 13 (catalog), 1911b: 18 (catalog); Fischer 1935: 263 (revision); Lima 1955: 203 (photo); Uhmman 1957b: 35 (catalog), 1964a: 406 (catalog); Wilcox 1975: 138 (catalog).

*Pseudocalaspidea atrocinctus* Pic 1934d: 8 (type: America Meridional, MNHN). Descarpentries & Villiers 1959a: 142 (types).

*Pseudocalaspidea cassidea atrocincta* (Pic). Fischer 1935: 264 (revision); Uhmman 1957b: 35 (catalog).

*Pseudocalaspidea atrocinctus disjuncta* Pic 1934d: 8 (type: America Meridional, MNHN). Descarpentries & Villiers 1959a: 142 (types).

*Pseudocalaspidea cassidea disjuncta* (Pic). Fischer 1935: 264 (revision); Uhmman 1957b: 35 (catalog).

*Alurnus divisus* Pic 1922a: 27 (type: Upper Amazonas, MNHN). Descarpentries & Villiers 1959a: 142 (types).

*Pseudocalaspidea cassidea divisa* (Pic). Fischer 1935: 264 (revision); Uhmman 1957b: 35 (catalog).

*Pseudocalaspidea cassidea jacobsoni* Csiki 1900b: 403 (type: Brazil, Amazonas, depository unknown). Fischer 1935: 264 (revision); Uhmman 1957b: 35 (catalog).

*Pseudocalaspidea cassidea waterhousei* Jacobson 1899: 246 (type: locality not specified, depository unknown). Fischer 1935: 264 (revision); Uhmman 1957b: 35 (catalog).

*Pseudocalaspidea cassidea westwoodi* Jacobson 1899: 246 (type: locality not specified, depository unknown). Fischer 1935: 264 (revision); Uhmman 1957b: 35 (catalog).

**Distribution.** Colombia, Ecuador, México?, Peru.

**Food plants.** Unknown.