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Catalog of World Eucharitidae

by

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Eucharidae; Walker, 1846: 21.

Eucharoidae; Förster, 1856: 19, 22, 42. Subsequent description.

Eucharidinae; Dalla Torre, 1898: 359.

Eucharidae; Ashmead, 1899[157]: 235-239. Subsequent description.

Eucharitinae Girault, 1928[422]: 451.

Eucharitidae; Girault, 1932[437]: 289.

Eucharitidae; Heraty, 1985: 63. Subsequent description.

Eucharitidae; Boucek, 1988: 513. Subsequent description.

Eucharitidae; Heraty, 1995: ???. Subsequent description.

CITATIONS: Andrieu1968 [Tre]; Ashmead1899[157] [Tke, Tnm, Tre, Dad]; Boucek1988 [Tre]; Burks1979 [Tct]; Camero1884 [Tkg, Tre]; Ceballos1942 [Tre]; Clause1923 [Lhi]; Clause1928 [Lhi]; Dahms1978anatomy; Graham1969 [Tsc]; Heraty1995anatomy; Muesebeck1951 [Tct]; Narendran1985b [Tkg]; Schmiegelow1909 [Tky, Tct].

KEYS: Boucek 1988: 514-516 (adult) [Australasian Region.]; Narendran 1985b: 186-187 (adult) [India]; Schemideknecht 1909: ?? (adult) [World.]; Ashmead 1899[157]: 239-242 (adult) [World.]; Ashmead 1888[45]: 186-187 (adult) [World.]; Cameron 1884: 101-102 (adult) [South America].

Subfamily Akapalinae

Akapalinae Boucek, 1988: 517. Type species: *Akapala astriaticeps*.

Akapala Girault

Akapala Girault, 1934[442]: 1[306]. Type species: *Akapala astriaticeps* Girault (= *Kapala astriaticeps* Girault), by monotypy.

CITATIONS: Boucek1988 [Tre]; Darlin1988 [Sae].

Akapala astriaticeps (Girault)

Kapala astriaticeps Girault, 1926[399]: 66-67. Type data: Australia: Queensland: Kingston, forest [published]. Holotype female (examined), by monotypy. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. T.8661. Described: female. Notes: Specimen in QMB labeled as this species has label stating "Tara, Feb. 12, 1924. Forest & brigalow." It is mentioned as an additional specimen of *Kapala astriaticeps* in Girault (1926) (see Dahms 1983: 61 and Boucek 1988: 518 for discussion of type status).

Akapala astriaticeps Girault, 1934[442]: 1[306]. Type data: Australia: Queensland, Kingston, forest. Unknown type status. Described: female. Synonymy by Boucek, 1988: 518. Notes: Probably a redescription of the same material under a different name (Boucek, 1988).

Akapala astriaticeps; Dahms, 1983: 60-61.

Akapala astriaticeps; Boucek, 1988: 518. Illust. Change of combination.

DISTRIBUTION: **Australasian**: Australia (Queensland [Girault1934442]).

Akapala rudis (Westwood)

Schizaspidia rudis Westwood, 1874: 152, pl. 28. Type data: Australia: South Australia, Angus [=Angas, Kangaroo Island]. Lectotype female, by subsequent designation Boucek, 1988: 518.

Type depository: Oxford: Hope Entomological Collections, University Museum, England; type no. 676. Described: female. Illust. Notes: Labels include "very rare 6 Ja. on *Melaleuca* " and "South Australia Angus 1863" (Boucek 1988).

Kapala rudis; Hedqvist, 1978: 240. Change of combination.

Akapala rudis; Boucek, 1988: 518. Illust. Change of combination.

DISTRIBUTION: **Australasian**: Australia (South Australia).

Subfamily Oraseminae

Oraseminae Burks, 1979: 876. Type species: *Orasema*.

Oraseminae; Heraty, 1985: 63. Subsequent description.

Oraseminae; Boucek, 1988: 513. Subsequent description.

Oraseminae; Heraty, 1994a: 20-21. Subsequent description.

Oraseminae; Heraty, 1995: xx-xx. Subsequent description. Notes: Costa Rica.

Oraseminae; Heraty, 1997: xx-xx. Subsequent description.

Oraseminae; Heraty, 2000: 384-387. Subsequent description. Notes: Phylogenetic analysis of genera and species groups.

Oraseminae; Heraty, 2002: 45-46. Subsequent description.

CITATIONS: Boucek1988anatomy; Burks1979anatomy; Heraty2002anatomy.

KEYS: Heraty 1994a: 31]; Boucek 1988: 518 [World.].

Indosema Husain and Agarwal

Indosema Husain and Agarwal, 1983: 104-106. Type species: *Indosema indica* Husain & Agarwal, by original designation.

Indosema; Heraty, 1994: 38-39. Subsequent description.

Indosema; Heraty, 2002: 46. Subsequent description. Notes: Brief diagnosis and catalog.

Indosema indica Husain & Agarwal

Indosema indica Husain & Agarwal, 1983: 104-106. Type data: India: Uttar Pradesh, Aligarh.

Holotype female, by original designation. Type depository: ZAMU. Described: female. Illust.

Indosema indica; Heraty, 1994: 39-40. Described: male. Illust. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: India (Delhi [Heraty1994a], Uttar Pradesh [Heraty1994a]).

Orasema Cameron

Orasema Cameron, 1884: 104. Type species: *Orasema stramineipes* Cameron. Subsequently designated by Kirby, 1886: 29. Notes: Illustrations accompanying description of *stramineipes* mislabeled as *flavipes*. Kirby 1886: 29 designated *flavipes* as type species with *stramineipes* as *lapsus calami*. Contrary to remarks by Kirby, the description of *stramineipes* agrees with the figure of *flavipes*. Dalla Torre 1898: 361 reversed the usage of Kirby and treated *flavipes* as a junior synonym of *stramineipes*.

Orasema; Ashmead, 1888[45]: 187 (in key).

Orasema; Ashmead, 1904[238]: 267, 269 (key).

Orasema; Schmeideknecht, 1909: 73. Notes: Brief diagnosis, in German.

Semora Cameron, 1909: 432-433. Type species: *Semora xanthopus* Cameron, by original designation. Homonym; discovered by Strand, 1942: 393. Notes: Preoccupied by Peckham, 1892. Synonymy by Kerrich (1963: 366).

Eucharomorpha Girault, 1913: 62-63. Type species: *Orasema worcesteri* Girault. Subsequently designated by Gahan and Fagan, 1923: 58. Synonymy by Boucek, 1988: 519. Notes: South American species.

Losbanus Ishii, 1932: 210. Type species: *Losbanus uichancoi* Ishii, by monotypy. Synonymy by Heraty, 1992: 586. Notes: Redescription of genus by Watanabe (1958: 26) and Hedqvist (1978: 229). Incorrectly placed as senior synonym of *Gollumiella* Hedqvist by Boucek (1988: 521).

Orasema; Gemignani, 1933: 488-489. Subsequent description. Notes: Brief diagnosis, in Spanish.

Parasemora Gemignani, 1933: 192-193. Type species: *Parasemora freychei* Gemignani, by monotypy. Synonymy by Heraty, 1994: 54. Notes: Location of type unknown and synonymy

based on original description.

Semora; Gemignani, 1933: 491-492. Subsequent description. Notes: Brief diagnosis, in Spanish.
Semorata Strand, 1942: 393. Replacement name.

Semorella Ghesquière, 1946: 368. Replacement name.

Orasema; Kerrich, 1963: 366. Subsequent description.

Losbanus; Hedqvist, 1978: 229. Subsequent description. Notes: Short redescription and key to species, most of which are now attributed to *Neolosbanus*.

Orasema; Heraty, 1994a: 54-57. Subsequent description.

Orasema; Heraty, 2002: 47-49. Subsequent description. Notes: Brief diagnosis and catalog.

CITATIONS: Ashmea188845 [Tke, Tre]; Ashmea1899157 [Tkg]; Ashmea1904238 [Tkg];
Beshea1974 [Dil]; Darlin1988 [Sae]; Heraty2000 [Phy].

KEYS: Heraty 1994: 57-59 [Old World]; Snehaltha and Narendran 1992: 355 (adult) [India];
Gahan 1940: 437-439 [Mostly Nearctic, some Neotropical].

Orasema aenea Gahan

Orasema aenea Gahan, 1940: 443. Type data: Argentina: Misiones, Loerto Experiment Station.
Syntypes (examined). Type depository: Washington: United States National Entomological
Collection, U.S. National Museum of Natural History, DC, USA; type no. 53553. Described:
female. Notes:

ASSOCIATIONS: Associate - AQUIFOLEACEAE : *Ilex paraguayensis* [Gahan1940] (Type series
(15 specimens) found ovipositing in young leaves).

CITATIONS: Heraty2002 [Tct]; Nicoli1950 [Bov]; Parker1942 [Dim, Iie, Iil, Bov].

DISTRIBUTION: **Neotropical**: Argentina [Gahan1940].

KEYS: Gahan 1940: 437].

Orasema argentina Gemignani

Orasema argentina Gemignani, 1933: 489-490. Type data: Argentina: Prov. Buenos Aires, Las
Flores. Holotype female (examined), by original designation. Type depository: MNBA; type no.
29024. Described: both sexes. Illust.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole nitidula strobili misera* Snts.
[Gemign1933].

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Argentina (Buenos Aires [Gemign1933]).

Orasema assectator Kerrich

Orasema assectator Kerrich, 1963: 367-368. Type data: India: Assam. Holotype female (examined),
by original designation. Type depository: Natural History Museum, London ; type no. 5.2066.
Described: both sexes. Illust. Filed notes: Type notes II: 106-109.

Orasema assectator; Heraty, 1994a: 74-75. Described: both sexes. Illust. Subsequent description.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole* sp. [Das1963, Kerric1963]

CITATIONS: Das1954 [host record, Lhi]; Das1963 [Dim, host record, Lhi]; Heraty1994b [host
record]; Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: India (Assam [Heraty1994a, Kerric1963]).

KEYS: Heraty 1994a: 59].

Orasema aureoviridis Gahan

Orasema aureoviridis Gahan, 1940: 448. Type data: United States: Texas, Uvalde. Holotype female
(examined), by original designation. Type depository: Washington: United States National
Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 53555.
Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: United States of America (Texas [Gahan1940]).

KEYS: Gahan 1940: 438, 439].

Orasema bakeri Gahan

Orasema bakeri Gahan, 1940: 452. Type data: United States: Colorado, Fort Collins. Holotype female
(examined), by original designation. Type depository: Washington: United States National
Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 53559.

Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: United States of America (Arizona [Gahan1940], Colorado [Gahan1940]).

KEYS: Gahan 1940: 439].

Orasema beameri Gahan

Orasema beameri Gahan, 1940: 447. Type data: United States: Colorado, Ridgway. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 53554.

Described: both sexes.

CITATIONS: Heraty2002 [Tct]; LaBerg1956 [Rre; paratypes - 2 f and 2 m (#3280)].

DISTRIBUTION: **Nearctic**: United States of America (Colorado [Gahan1940], Kansas [LaBerg1956]).

KEYS: Gahan 1940: 438-439].

Orasema bouceki Heraty

Orasema bouceki Heraty, 1994a: 65-66. Type data: Papua New Guinea: Kokoda. Holotype male (examined), by original designation. Type depository: Natural History Museum, London .

Described: male. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Papua New Guinea [Heraty1994a].

KEYS: Heraty 1994a: 58].

Orasema brasiliensis (Brèthes) new combination

Eucharomorpha brasiliensis Brèthes, 1927: 331-332. Type data: Brasil: Sao Paulo. Unknown type status female, type designation unknown. Type depository: Eberswalde: [formerly: Deutsches Entomologisches Institut], Inst. fur Pflanzenschutzforschung, Germany. Described: female.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil (Sao Paulo [Brethe1927]).

Orasema cameroni Howard

Orasema cameroni Howard, 1896: 133. Type data: Grenada, West Indies. Holotype female (examined), by monotypy. Type depository: Natural History Museum, London ; type no. 5.373.

Described: female. Filed notes: Type notes III: 21-22.

CITATIONS: Heraty2002 [Tct]; Schmie1909 [Tax, Rre].

DISTRIBUTION: **Neotropical**: Grenada [Howard1896].

KEYS: Gahan 1940: 437].

Orasema cockerelli Gahan

Orasema cockerelli Gahan, 1940: 453-454. Type data: United States: New Mexico, Albuquerque. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 53560. Described: both sexes.

CITATIONS: Heraty2002 [Tct]; LaBerg1956 [Rre; paratypes in museum - 2 f (#3281)].

DISTRIBUTION: **Nearctic**: United States of America (Arizona [Gahan1940], Colorado [Gahan1940], Iowa [Gahan1940], Kansas [Gahan1940], New Mexico [Gahan1940]).

KEYS: Gahan 1940: 439].

Orasema coloradensis Wheeler

Orasema coloradensis Wheeler, 1907: 12-14. Type data: United States: Colorado, Manitou; Broadmoor; Colorado Springs. Syntypes. Type depository: New York: American Museum of Natural History, Dept. Ent. Coll., NY, USA. Described: both sexes. Illust. Notes: Manuscript name of Ashmead first published by Wheeler (1907: 12-13) with figure and short description.

Orasema coloradensis; Gahan, 1940: 441-442. Subsequent description.

ASSOCIATIONS: Hosts - FORMICIDAE **Formicinae**: *Formica subnitens* Creighton?

[JohnsoMiHe1986]. **Myrmicinae**: *Pheidole bicarinata* Forel? [Wheele1907], *Solenopsis molesta validiscula* Emery [Wheele1907].

CITATIONS: Crevec1922 [Rre]; Heraty2002 [Tct]; JohnsoMiHe1986 [Dim, Lhi, host record, Hpl].
 DISTRIBUTION: **Nearctic**: United States of America (Colorado [Gahan1940], Florida? [Gahan1940], Iowa [Gahan1940], Kansas [Gahan1940], Louisiana? [Gahan1940], New Mexico [Gahan1940], Texas [Gahan1940], Virginia? [Gahan1940]).
 KEYS: Gahan 1940: 437, 439].

Orasema communis Risbec

Orasema communis Risbec, 1952: 412-414. Type data: Madagascar: Bekily. Lectotype male (examined), by subsequent designation Heraty, 1994: 59. Type depository: MNHP. Described: both sexes. Illust.

Orasema communis; Heraty, 1994a: 59-61. Described: both sexes. Illust. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Madagascar [Heraty1994a, Risbec1952].

KEYS: Heraty 1994a: 57].

Orasema costaricensis Wheeler and Wheeler

Orasema costaricensis Wheeler and Wheeler, 1937: 164-165. Type data: Costa Rica: Zent. Holotype female (examined), by monotypy. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 63742. Described: female. Illust.

ASSOCIATIONS: Hosts - FORMICIDAE **Formicinae**: *Formica orease comptula* [JohnsoMiHe1986].

Myrmicinae: *Pheidole flavens* Roger [WheeleWh1924].

CITATIONS: Evans1966 [Lhi]; Heraty1994b [host record]; Heraty2002 [Tct]; WheeleWh1976 [Lhi].

DISTRIBUTION: **Neotropical**: Costa Rica [WheeleWh1937].

Orasema delicatula (Walker)

Eucharis delicatula Walker, 1862: 377. Type data: [Australia (?)]. Lectotype female (examined), by subsequent designation Boucek, 1988: 520. Type depository: Natural History Museum, London ; type no. 5.612. Described: female. Notes: Lectotype labeled as *Psilogaster delicatula* Walker. Locality label wrong, definitely collected from South America (Heraty, 1992b). Filed notes: Type notes III: 24-25.

Stilbula delicatula; Walker, 1871: 66. Change of combination.

Orasema delicatula; Boucek, 1988: 520. Change of combination.

Orasema delicatula; Heraty, 1994a: 5.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Ecuador [Heraty].

Orasema deltae Gemignani

Orasema deltae Gemignani, 1937: 161. Type data: Argentina: Buenos Aires Province, Tigre.

Holotype female (examined), by original designation. Type depository: MNBA; type no. 35584.

Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Argentina (Buenos Aires [Gemign1937]).

Orasema festiva (Fabricius)

Eucharis festiva Fabricius, 1804: 157. Type data: America mer. Unknown type status (examined), type designation unknown. Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark.

Orasema festiva; Kirby, 1886: 29. Change of combination.

CITATIONS: Ashmea1904238 [Tct]; Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil [Ashmea1904238].

Orasema fraudulentus (Reichensperger)

Psilogaster fraudulentus Reichensperger, 1913: 211-214. Type data: Ethiopia: Harrar. Lectotype female (examined), by subsequent designation Heraty, 1994a: 70. Type depository: Bonn: Zoologisches Forschungsinstitut und Museum "Alexander Koenig", Germany. Described: both sexes. Illust.

Orasema fraudulentus; Heraty, 1994a: 70-71. Described: both sexes. Illust. Change of combination.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole megacephala* Fabricius [Reiche1913].

CITATIONS: Heraty1994a [host record]; Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Ethiopia [Heraty1994a, Reiche1913]; Yemen [Heraty1994a].

KEYS: Heraty 1994a: 58].

Orasema freychei (Gemignani)

Parasemora freychei Gemignani, 1933: 192-193. Type data: Argentina: Buenos Aires Province, Puerto San Blas. Holotype female, by original designation. Type depository: MNBA; type no. 30.160. Described: both sexes. Illust. Notes: Type material could not be located at MNBA (A. Bachmann, MNBA, pers. comm.).

Orasema freychei; Heraty, 1994a: 5. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Argentina (Buenos Aires [Gemign1933]).

Orasema gemignanii De Santis

Orasema violacea Gemignani, 1947: 8-9. Type data: Argentina: Isla Martin Garcia. Holotype female (examined), by original designation. Type depository: MNBA; type no. 42.253. Described: female. Illust. Homonym; discovered by De Santis, 1967a: 8. Notes: Preoccupied by *Orasema violacea* Ashmead, 1888.

Orasema gemignanii De Santis, 1967b: 8. Replacement name.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Argentina (Buenos Aires [Gemign1947]).

Orasema glabra Heraty

Orasema glabra Heraty, 1994a: 72-73. Type data: South Africa: Transvaal, 15 km E Klaserie. Holotype female (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: South Africa [Heraty1994a].

KEYS: Heraty 1994a: 58].

Orasema initiator Kerrich

Orasema initiator Kerrich, 1963: 368. Type data: India: Assam. Holotype female (examined), by original designation. Type depository: Natural History Museum, London ; type no. 5.2067. Described: both sexes. Illust. Filed notes: Type notes II: 105.

Orasema initiator; Heraty, 1994a: 76-77. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Japan (Ryuku Islands [Heraty1994a]). **Oriental**: India (Assam [Heraty1994a, Kerric1963]); Taiwan [Heraty1994a]; Vietnam [Heraty1994a].

KEYS: Heraty 1994a: 59].

Orasema ishii Heraty

Orasema ishii Heraty, 1994a: 64-65. Type data: Taiwan: Nantou Hsien, Tungpu. Holotype male (examined), by original designation. Type depository: Taichung: Taiwan Agricultural Research Institute, Entomology Collection, Taiwan. Described: male. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Taiwan [Heraty1994a].

KEYS: Heraty 1994a: 58].

Orasema koghisiana Heraty

Orasema koghisiana Heraty, 1994a: 71-72. Type data: New Caledonia: Mts des Koghis. Holotype female (examined), by original designation. Type depository: Honolulu: Bernice P. Bishop Museum, Dept. Ent. Coll., HI, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: New Caledonia [Heraty1994a].

KEYS: Heraty 1994a: 58].

Orasema mexicana Cockerell nomen nudum

Orasema mexicana Cockerell, 1899: 213. Nomen nudum.

CITATIONS: Heraty2002 [Tct].

Orasema minuta Ashmead

Orasema minuta Ashmead, 1888[45]: 188. Type data: United States: Florida. Holotype male (examined), by monotypy. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 27291. Described: male. *Orasema minuta*; Gahan, 1940: 457-458. Described: male. Subsequent description.

ASSOCIATIONS: Hosts - FORMICIDAE **Myrmicinae**: *Leptothorax alardaci* [Heraty1994b] (Mistakenly published as Tetramorium), *Pheidole nr tetra* [Heraty1994b] (From Mexico, not Florida as published).

CITATIONS: Ashmea189282 [Tre]; Heraty1994b [host record].

DISTRIBUTION: **Nearctic**: Mexico; United States of America (Florida [Ashmea188845]).

KEYS: Gahan 1940: 439].

Orasema minutissima Howard

Orasema minutissima Howard, 1894: 84. Type data: West Indies: St. Vincent. Syntypes (examined). Type depository: Natural History Museum, London ; type no. 5.372. Described: both sexes. Illust. Filed notes: Type notes III: 23-24.

Orasema minutissima; Gahan, 1940: 446-447. Described: female. Subsequent description.

Orasema minutissima; Kerrich, 1963: 366-367. Described: both sexes. Illust. Subsequent description. ASSOCIATIONS: Hosts - FORMICIDAE **Myrmicinae**: *Wasmannia auropunctata* Roger [Mann1918, Heraty1994b], *Wasmannia sigmoides* [Heraty1994b].

CITATIONS: Heraty1994b [Lde, Hst, Rre]; Heraty2002 [Tct]; Mann1918 [host record, Rre].

DISTRIBUTION: **Neotropical**: Cuba [Mann1918]; Saint Vincent and the Grenadines [Gahan1940, Howard1894].

KEYS: Gahan 1940: 438].

Orasema monomoria Heraty

Orasema monomoria Heraty, 2000: 376-378. Type data: Madagascar: Fianarantsoa Prov., 8.5 km SE Antanitosy. Holotype female (examined), by original designation. Type depository: Riverside: UCR Entomological Teaching and Research Collection, Univ. Calif., CA, USA. Described: female. Illust.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Monomorium* sp. C [Heraty2000].

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Madagascar [Heraty2000].

Orasema neomexicana Gahan

Orasema neomexicana Gahan, 1940: 450. Type data: USA: New Mexico, San Augustine Ranch nr Organ Mountains. Syntypes (examined). Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 53557. Described: female.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: United States of America (California [Gahan1940], New Mexico [Gahan1940]).

KEYS: Gahan 1940: 438].

Orasema nigra Heraty

Orasema nigra Heraty, 1994a: 75-76. Type data: South Africa: Royal Natal National Park. Holotype female (examined), by original designation. Type depository: Gainesville: American Entomological Institute, FL, USA. Described: both sexes. Illust.

ASSOCIATIONS: Host - HOMOPTERA [Heraty1994a].

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: South Africa [Heraty1994a]; Uganda [Heraty1994a].

KEYS: Heraty 1994a: 59].

Orasema occidentalis Ashmead

Orasema occidentalis Ashmead, 1892[82]: 355. Type data: United States: California, Los Angeles. Holotype female (examined), by monotypy. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 2138. Described: female.

Orasema occidentalis; Gahan, 1940: 457. Described: female. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: United States of America (California [Ashmead189282]).

KEYS: Gahan 1940: 439].

Orasema pireta Heraty

Orasema pireta Heraty, 1993: 171. Type data: Paraguay: Pirareta. Holotype female (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada. Described: female. Illust.

CITATIONS: Heraty2002 [Tct]; HeratyWoJo1993anatomy.

DISTRIBUTION: **Neotropical**: Paraguay [HeratyWoJo1993].

Orasema promecea Heraty

Orasema promecea Heraty, 1994a: 66-67. Type data: Papua New Guinea: Jimmi V. - Baiyer R. Holotype male (examined), by original designation. Type depository: Gainesville: American Entomological Institute, FL, USA. Described: male. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Papua New Guinea [Heraty1994a].

KEYS: Heraty 1994a: 58].

Orasema rapo (Walker)

Eucharis rapo Walker, 1839: 66. Type data: Brazil: Bahia. Syntypes (examined). Type depository: Natural History Museum, London ; type no. 5.609. Described: female. Filed notes: Type notes III: 27/88.

Orasema rapo; Kirby, 1886: 26. Change of combination.

ASSOCIATIONS: Host - FORMICIDAE **Ecitoninae**: *Eciton quadriglume?* [Heraty1994b].

CITATIONS: Ashmead1904238 [Tct]; DeSant1967b [Ttd]; Heraty2002 [Tct]; Walker1846 [Tct].

DISTRIBUTION: **Neotropical**: Brazil [Ashmead1904238].

Orasema robertsoni Gahan

Orasema robertsoni Gahan, 1940: 451-452. Type data: United States: southern Florida. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 53558. Described: female.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole dentata?* [VanPel1950] (Probably a different species near *O. costaricensis*).

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: United States of America (Florida [Gahan1940]).

KEYS: Gahan 1940: 439].

Orasema rugulosa Heraty

Orasema rugulosa Heraty, 1994a: 67-68. Type data: Papua New Guinea: New Britain, Bainings.

Holotype male (examined), by original designation. Type depository: Honolulu: Bernice P.

Bishop Museum, Dept. Ent. Coll., HI, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: New Britain [Heraty1994a].

KEYS: Heraty 1994a: 58].

Orasema salebrosa Heraty

Orasema salebrosa Heraty, 1993: 171-172. Type data: Argentina: Buenos Aires, San Carlos de Bolivar. Holotype female (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada. Described: both sexes. Illust.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Solenopsis richteri* Forel [HeratyWoJo1993].
CITATIONS: Heraty2002 [Tct]; HeratyWoJo1993anatomy.
DISTRIBUTION: **Neotropical**: Argentina [HeratyWoJo1993].

Orasema seyrigi Risbec

Orasema seyrigi Risbec, 1952: 414-416. Type data: Madagascar: Bekily. Holotype female (examined), by monotypy. Type depository: MHNB. Described: female. Illust. Notes: Cited type locality in Risbec (1952) does not completely agree with specimen label, see Heraty (1992b).

Orasema seyrigi; Heraty, 1994a: 61-62. Described: female. Illust. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Madagascar [Risbec1952].

KEYS: Heraty 1994a: 58].

Orasema simplex Heraty

Orasema simplex Heraty, 1993: 172-173. Type data: Argentina: Buenos Aires, jct San Nicolas de Arroyos. Holotype female (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada. Described: both sexes. Illust.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Solenopsis richteri* Forel [HeratyWoJo1993].

CITATIONS: Heraty2002 [Tct]; HeratyWoJo1993anatomy.

DISTRIBUTION: **Neotropical**: Argentina [HeratyWoJo1993].

Orasema simulatrix Gahan

Orasema simulatrix Gahan, 1940: 450. Type data: United States: Arizona, Oracle. Holotype female (examined), by monotypy. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 53556. Described: female.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: United States of America (Arizona [Gahan1940]).

KEYS: Gahan 1940: 438].

Orasema sixaolae Wheeler and Wheeler

Orasema sixaolae Wheeler and Wheeler, 1937: 163-164. Type data: Costa Rica: Limon Province, Sixaola River. Syntypes (examined). Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 63243. Described: female. Illust.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Solenopsis (Diplo.) tenuis* Mayr? [Wheele1907].

CITATIONS: Heraty1994b [host record]; Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Costa Rica [WheeleWh1937].

Orasema smithi Howard

Orasema smithi Howard, 1896: 134. Type data: Grenada, West Indies. Holotype female (examined), by monotypy. Type depository: Natural History Museum, London ; type no. 5.372. Described: female. Filed notes: Type notes: III: 23-22.

Orasema smithi; Gahan, 1940: 447. Described: female. Subsequent description.

Orasema smithi; Kerrich, 1963: 367. Described: female. Illust. Subsequent description.

CITATIONS: Heraty2002 [Tct]; Wolcot1948 [Plr, Rre].

DISTRIBUTION: **Nearctic**: United States of America (Virginia [Gahan1940]). **Neotropical**: Cuba [Howard1896]; Saint Vincent and the Grenadines [Gahan1940].

KEYS: Gahan 1940: 438].

Orasema sp. b1 nr bakeri

Orasema sp. b1 nr bakeri undescribed, 1993b.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Solenopsis xyloni x geminata* [Heraty1994b].

CITATIONS: Heraty1994b [host record].

Orasema sp. b2 nr bakeri

Orasema sp. b2 nr bakeri undescribed, 1993b.

ASSOCIATIONS: Hosts - FORMICIDAE **Myrmicinae**: *Pheidole nr californica* [Heraty1994b],
Pheidole nr clementensis [Heraty1994b].

CITATIONS: Heraty1994b [host record].

Orasema sp. c1 near costari.

Orasema sp. c1 near costari. undescribed, 1993b.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole dentata* Roger [VanPel1950,
Heraty1994b].

CITATIONS: Heraty1994b [host record]; VanPel1950 [host record, Dim].

Orasema sp. near bouceki

Orasema near bouceki undescribed, 1993a: ???.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole* sp. [Heraty1994a]

Orasema sp. nr coloradensis

Orasema near coloradensis undescribed, 1993.

ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Formica oreas comptula* Wheeler
[JohnsoMiHe1986, Heraty1994b].

Orasema sp.1

Orasema sp.1 undescribed, 1974. Illust. Notes: Planidia on *Microcephalothrips* and *Frankliniella*.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole dentata* Mayr [VanPel1950].

CITATIONS: Beshea1974 [Dim, host record, Rre].

DISTRIBUTION: **Nearctic**: United States of America (Georgia).

Orasema sp.2

Orasema sp.2 undescribed, 1972: 414-418. Notes: planidia only on *Franklinella* (Thripidae).

CITATIONS: WilsonCo1972 [Lhi].

Orasema stramineipes Cameron

Orasema stramineipes Cameron, 1884: 105. Type data: Panama: Bugaba. Syntypes, female (examined), type designation unknown. Type depository: Natural History Museum, London ; type no. 5.370. Described: female. Illust. Filed notes: Type notes III: 15.

Orasema flavipes Kirby, 1886: 29. Unjustified emendation; discovered by Dalla Torre, 1898: 361. Notes: Kirby (1886: 29) found apparent discrepancies between Cameron's description of *stramineipes* and the associated figures (figs. 20a-c), which are labeled as *Orasema flavipes*. Based on this, Kirby regarded *O. stramineipes* as *lapsus calami* and recognized *flavipes* as the type species of *Orasema*. I find no such discrepancy, and since the description of *stramineipes* is complete and makes definite reference to the figures in question (including fig. 18, which is correctly labeled), I regard *flavipes* as *lapsus calami*. Kirby's emendation in favour of *flavipes* has been ignored by subsequent authors.

Orasema stramineipes; Howard, 1894: 84. Notes: New records from St. Vincent (probably not this species).

Orasema stramineipes; Gahan, 1940: 446. Notes: Discussion of status.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Panama [Cameron1884].

KEYS: Gahan 1940: 438].

Orasema striatosoma Heraty

Orasema striatosoma Heraty, 1994a: 68-70. Type data: Uganda: Kampala. Holotype female (examined), by original designation. Type depository: Gainesville: American Entomological Institute, FL, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Rwanda [Heraty1994a]; South Africa [Heraty1994a]; Uganda [Heraty1994a].

KEYS: Heraty 1994a: 58].

Orasema susanae Gemignani

Orasema susanae Gemignani, 1947: 6-8. Type data: Argentina: Mendoza Province. Holotype female (examined), by original designation. Type depository: NMBA; type no. 47.568. Described: female. Illust.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole nr tetra* [Heraty1994b].

CITATIONS: Heraty1994banatomy; Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Argentina (Mendoza [Gemign1947]).

Orasema synempora Heraty

Orasema synempora Heraty, 1994a: 77-79. Type data: Australia: Queensland, 3 km northeast of Mount Webb. Holotype female (examined), by original designation. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Heraty1994a]).

KEYS: Heraty 1994a: 59].

Orasema texana Gahan

Orasema texana Gahan, 1940: 440. Type data: USA: Texas, Denison. Holotype female (examined), by monotypy. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 53552. Described: female.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: United States of America (Texas [Gahan1940]).

KEYS: Gahan 1940: 437].

Orasema tolteca Mann

Orasema tolteca Mann, 1914: 183-184. Type data: Mexico: San Miguel. Syntypes (examined). Type depository: Cambridge: Museum of Comparative Zoology, Entomology Department, Harvard University, MA, USA. Described: both sexes.

Orasema tolteca; Gahan, 1940: 444. Described: female. Subsequent description.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole hirtula* [Mann1914, Gahan1940, Heraty1994b] (Published host is *Pheidole vasliti* car. *alcohua* Wheeler (Gahan, 1940)).

CITATIONS: Heraty1994b [host record]; Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: Mexico (Hidalgo [Gahan1940]).

KEYS: Gahan 1940: 437].

Orasema uichancoi (Ishii)

Losbanus uichancoi Ishii, 1932: 210. Type data: Philippines: Mindanao, Los Banos. Lectotype female (examined), by subsequent designation Heraty, 1994: 62. Type depository: NIAS.

Described: both sexes. Illust. Notes: Baltazar mentions type female as being deposited in Tokyo.

See Heraty 1992 for notes on type.

Gollumiella uichancoi; Boucek, 1988: 522. Change of combination.

Orasema uichancoi; Heraty, 1992: 586. Change of combination.

Orasema uichancoi; Heraty, 1994a: 62-64. Described: both sexes. Illust. Subsequent description.

ASSOCIATIONS: Associates - **Leguminosae**: *Leucanena glauca* [Ishii1932]. **Ulmaceae**: *Celtis philippinensis* [Ishii1932].

CITATIONS: Baltaz1966b [Tct]; Heraty1994a [Dim, Bov]; Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Philippines (Luzon [Ishii1932]).

KEYS: Heraty 1994a: 58].

Orasema valgius (Walker)

Eucharis valgius Walker, 1839: 11. Type data: Australia: New South Wales, Sydney. Lectotype male (examined), by subsequent designation Boucek, 1988: 521. Type depository: Natural History Museum, London ; type no. 5.617. Described: male. Filed notes: Type notes II-103.

Stilbula valgius; Walker, 1872: 66. Change of combination.

Psilogasteroides valgius; Girault, 1913[175]: 94. Change of combination.

Orasema pheidolophaga Girault, 1913[175]: 96. Type data: Australia: Victoria, Geelong. Lectotype male (examined), by subsequent designation Heraty, 1994a: 79. Type depository: Adelaide: South

Australian Museum, South Australia, Australia. Described: both sexes. Synonymy by Boucek, 1988: 521.

Orasema pheidolophaga; Girault, 1915[241]: 230. Described: both sexes. Subsequent description. Notes: Description repeated.

Parapsilogaster valgius; Girault, 1915[241]: 233. Described: both sexes. Change of combination. Notes: Walker's description repeated.

Epimetagea valgius; Hedqvist, 1978: 243. Change of combination.

Orasema pheidolophaga; Dahms, 1986: 408.

Orasema valgius; Boucek, 1988: 521. Illust. Change of combination.

Orasema valgius; Heraty, 1994a: 79-81. Described: both sexes. Illust. Subsequent description.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole* sp. [Girault1913175]

CITATIONS: Heraty1994b [host record]; Heraty2000 [Behavior]; Heraty2002 [Tct]; Walker1846 [Tct].

DISTRIBUTION: **Australasian**: Australia (Capital Territory [Heraty1994a], New South Wales [Heraty1994a, Walker1839], Queensland [Heraty1994a], Victoria [Heraty1994a]).

KEYS: Heraty 1994a: 59].

Orasema vianai Gemignani

Orasema vianai Gemignani, 1937: 162-164. Type data: Argentina: Buenos Aires Province, Cruz Colorada. Holotype female (examined), by original designation. Type depository: MNBA; type no. 33765?. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Argentina (Buenos Aires [Gemign1937]).

Orasema violacea Ashmead

Orasema violacea Ashmead, 1888[45]: 187-188. Type data: United States: eastern Florida. Holotype male (examined), by monotypy. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 27292. Described: male.

Orasema violacea; Gahan, 1940: 445-446. Described: female. Subsequent description.

CITATIONS: Ashmea189282 [Tre]; Brimle1938 [Rre]; Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: United States of America (Florida? [Ashmea188845], North Carolina [Brimle1938]).

KEYS: Gahan 1940: 438].

Orasema viridis Ashmead

Orasema viridis Ashmead, 1895[112]: 553. Type data: Mexico: Tepic. Holotype male, by monotypy. Type depository: San Francisco: California Academy of Sciences, Dept. Ent., CA, USA. Described: both sexes. Notes: Type believed destroyed in San Francisco earthquake and fire. Ashmead (1895) states that the description is for the female, but his specimen data is for a single male. The description is not adequate to distinguish the sex. The only characters adequate for diagnosing the species are the colour of the scape, femora and body (including petiole and gaster) being metallic green. Filed notes: Female: body, scape, femora and petiole green; flagellum black; tibia and tarsi brownish yellow [if this is a male then it could be any member of this group].

Orasema viridis; Gahan, 1940: 454-455. Described: both sexes. Subsequent description. Notes: Based on five specimens from Chiricahua Mountains, Arizona.

CITATIONS: Brimle1942 [Rre]; Heraty2002 [Tct]; JohnsonMiHe1986 [Dim, Lhi, host record, Hpl]; Parker1924 [Dim]; Smith1912 [Dil].

DISTRIBUTION: **Nearctic**: Mexico (Nayarit [Ashmea1895112]); United States of America (Arizona [Gahan1940], Kansas [LaBerg1956], New Mexico [Cocker1899], North Carolina [Brimle1942]).

KEYS: Gahan 1940: 439].

Orasema wheeleri Wheeler

Orasema wheeleri Wheeler, 1907: 14. Type data: United States: Texas, Fort Davis. Holotype female (examined), by monotypy. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 27293. Described: female. Illust. Notes: Manuscript name of Ashmead. First published by Wheeler (1907: 14) (Gahan, 1940). Gahan discusses the type status of this species. Wheeler published that one female

was collected from Fort Davis, TX on July 14, 1902 in a nest of *Pheidole ceres* Wheeler. The specimen in the USNM was collected at Fort Davis on July 11, 1902 from *Pheidole carbonaria* Perg. These data refer to the same specimen (Gahan, 1940).

Orasema viridis; Wheeler, 1907: 2-12. Misidentification; discovered by Gahan, 1940: 456. Notes: Gahan (1940: 454-455) stated that specimens identified by Ashmead for Wheeler (1907), are the same as *O. wheeleri*, and are distinct from what *he* [!!!] has identified as *O. viridis* Ashmead.

Orasema wheeleri; Gahan, 1940: 456-457. Subsequent description.

ASSOCIATIONS: Associate - POLYGONACEAE : *Eriogonum* [Gahan1940]. Foe - FORMICIDAE **Myrmicinae**: *Pheidole carbonaria* Pergande [Wheele1907]. Hosts - FORMICIDAE **Myrmicinae**: *Pheidole ceres* Wheeler [Wheele1907], *Pheidole kingi instabilis* Emery [Wheele1907], *Pheidole sciophila* Wheeler? [Gahan1940], *Pheidole tepicana* Pergande? [Gahan1940].

CITATIONS: Heraty1994b [host record]; Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: United States of America (Colorado [Gahan1940], Texas [Wheele1907]).

KEYS: Gahan 1940: 439].

Orasema worcesteri (Girault)

Eucharomorpha worcesteri Girault, 1913[157]: 62-63. Type data: Paraguay: San Bernardino.

Holotype male (examined), by monotypy. Type depository: Berlin: Museum fur Naturkunde der Humboldt Universitat zu Berlin, Germany. Described: male.

Orasema doello-juradoi Gemignani, 1933: 490-491. Type data: Argentina: Isla Martin Garcia.

Holotype female (examined), by original designation. Type depository: NMBA; type no. 31765. Described: female. Illust.

Orasema worcesteri; Boucek, 1988: 519. Change of combination.

Orasema worcesteri; Heraty et al., 1993: 173-174. Described: both sexes. Illust. Subsequent description.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole radoszkowskii* [Heraty1994b].

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Paraguay [Giraul1913157].

Orasema xanthopus (Cameron)

Semora xanthopus Cameron, 1909a: 433. Type data: Argentina: Mendoza. Lectotype female (examined), by subsequent designation Heraty et al., 1993: 174. Type depository: Natural History Museum, London ; type no. 5.369. Described: female. Filed notes: Type notes III: 18/20.

Eucharomorpha paraguayensis Girault, 1913[157]: 63. Type data: Argentina: Mendoza. Holotype male (examined), by monotypy. Type depository: Berlin: Museum fur Naturkunde der Humboldt Universitat zu Berlin, Germany. Described: male. Synonymy by Heraty et al., 1993: 174. Notes: Type locality taken from holotype label data; published locality of San Bernardino (Paraguay) is an error.

Semorata xanthopus; Strand, 1942: 393. Change of combination.

Semorella xanthopus; Ghesquière, 1946: 368. Change of combination.

Orasema xanthopus; Kerrich, 1963: 366. Change of combination.

Orasema crassa De Santis, 1968: 3. Type data: Uruguay: Canelones. Holotype female (examined), by original designation. Type depository: FCNM; type no. Za-201. Described: female. Illust. Synonymy by Heraty et al., 1993: 174.

Orasema xanthopus; Heraty et al., 1993: 174-181. Described: both sexes. Illust. Subsequent description.

ASSOCIATIONS: Hosts - FORMICIDAE **Myrmicinae**: *Solenopsis invicta* Buren [WojcikJoBa1987, WilliaWh1973, HeratyWoJo1993, DeSant1968], *Solenopsis saevissima* complex [WilliaWh1973, HeratyWoJo1993, Heraty1994b].

CITATIONS: Heraty1994b [host record, Iim]; Heraty2002 [Tct]; Robert1958 [Lhi]; Silvie1962 [host record, Lhi]; Tocche1942 [Lhi]; VanderJoWo1989 [Lhi, Pph]; Willia1980 [Lhi, host record]; WilliaWh1973 [Lhi, host record]; Wojcik1986 [Lhi, host record]; Wojcik1988 [Lhi]; Wojcik1989 [Lhi]; Wojcik1990 [Lhi]; WojcikJoBa1987 [Lhi].

DISTRIBUTION: **Neotropical**: Argentina [HeratyWoJo1993]; Bolivia [HeratyWoJo1993]; Brazil [HeratyWoJo1993]; Colombia [HeratyWoJo1993]; Ecuador [HeratyWoJo1993]; Guyana [HeratyWoJo1993]; Peru [HeratyWoJo1993]; Uruguay [HeratyWoJo1993].

Orasemorpha Boucek

Orasemorpha Boucek, 1988: 518-519. Type species: *Eucharomorpha viridis* Girault (= *Orasemorpha eribotes* (Walker)), by original designation.
Orasemorpha; Heraty, 1994a: 40-41. Subsequent description.
Orasemorpha; Heraty, 2002: 60-61. Subsequent description. Notes: Brief diagnosis and catalog.
 CITATIONS: Heraty2000 [description-Adult, Dim, Phy].
 KEYS: Heraty 1994a: 42].

Orasemorpha didentata (Girault)

Eucharomorpha didentata Girault, 1940[459]: 325-326. Type data: Australia: A.C.T., Blundell's. Lectotype female (examined), by subsequent designation Heraty, 1994a: 50. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: female.
Eucharomorpha didentata; Dahms, 1983: 221-222.
Orasemorpha bidentata; Boucek, 1988: 519. Change of combination. Notes: Misspelling of specific epithet.
Orasemorpha didentata; Heraty, 1994a: 50-51. Described: both sexes. Illust. Subsequent description.
 CITATIONS: Heraty2000 [Behavior, description-Immatures]; Heraty2002 [Tct].
 DISTRIBUTION: **Australasian**: Australia (Queensland [Heraty1994a], South Australia [Heraty1994a], Territory of Ashmore & Cartier Islands [Girault1940459, Heraty1994a]).
 KEYS: Heraty 1994a: 42].

Orasemorpha eribotes (Walker)

Eucharis eribotes Walker, 1839: 13-14. Type data: Australia: Tasmania, Hobart. Lectotype male (examined), by subsequent designation Boucek, 1988: 519. Type depository: Natural History Museum, London ; type no. 5.619. Described: male. Notes: Two male syntypes from Hobart labelled "1440a" and "1440b" (lectotype). An additional determined female from Sydney labelled "1440c", but not mentioned in original description, is closer to *O. myrmicae*.
Psilogasteroides eribotes; Girault, 1913[175]: 94. Change of combination.
Eucharomorpha dubia Girault, 1913[175]: 95. Type data: Australia: Tasmania, Hobart. Holotype male (examined), by monotypy. Type depository: Adelaide: South Australian Museum, South Australia, Australia. Described: male. Synonymy by Heraty, 1994a: 51.
Eucharomorpha fuscipes Girault, 1913[175]: 95. Type data: Australia: Tasmania, Hobart. Lectotype male (examined), by subsequent designation Heraty, 1994a: 52. Type depository: Adelaide: South Australian Museum, South Australia, Australia. Described: male. Synonymy by Heraty, 1994a: 51.
Eucharomorpha viridis Girault, 1913[175]: 95. Type data: Australia: Tasmania, Swansea. Holotype female (examined), by monotypy. Type depository: Adelaide: South Australian Museum, South Australia, Australia. Described: female. Synonymy by Heraty, 1994a: 51. Notes: Holotype mistakenly identified as male; corrected in Girault (1915).
Eucharomorpha viridis; Girault, 1915[241]: 229. Subsequent description. Notes: Description repeated.
Eucharomorpha fuscipes; Girault, 1915[241]: 229-230. Subsequent description. Notes: Description repeated.
Eucharomorpha viridis; Girault, 1929[431]: 331. Described: female. Notes: New record and additional notes.
Eucharomorpha partiglabra Girault, 1940[459]: 324. Type data: Australia: Victoria, Swan Hill. Lectotype female (examined), by subsequent designation Heraty, 1994a: 52. Type depository: Brisbane: Queensland Museum, Queensland, Australia. Described: female. Synonymy by Heraty, 1994a: 51-52.
Epimetegea eribotes; Hedqvist, 1978: 243. Change of combination.
Eucharomorpha dubia; Dahms, 1983: 233.
Eucharomorpha fuscipes; Dahms, 1984: 642.
Eucharomorpha partiglabra; Dahms, 1986: 384.
Eucharomorpha viridis; Dahms, 1986: 640-641.
Orasemorpha eribotes; Boucek, 1988: 519. Illust. Change of combination. Notes: Also new combination for *dubia*, *fuscipes*, *partiglabra* and *viridis*.
Orasemorpha eribotes; Heraty, 1994a: 51-54. Subsequent description.
 ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole* sp. [Boucek1988]

CITATIONS: Heraty2002 [Tct]; Walker1846 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Heraty1994a], Tasmania [Walker1839, Heraty1994a], Territory of Ashmore & Cartier Islands [Heraty1994a], Victoria [Giraul1915241, Heraty1994a], Western Australia [Heraty1994a]).

KEYS: Heraty 1994a: 42].

Orasemorpha goethei (Girault)

Eucharomorpha goethei Girault, 1934[442]: 2[307]. Type data: Australia: Victoria, Melbourne.

Lectotype female (examined), by subsequent designation Heraty, 1994a: 46. Type depository: MUV. Described: female.

Eucharomorpha goethei; Dahms, 1984: 654.

Orasemorpha goethei; Boucek, 1988: 519. Change of combination.

Orasemorpha goethei; Heraty, 1994a: 46-47. Described: both sexes. Illust. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Giraul1934442, Heraty1994a], Victoria [Giraul1934442, Heraty1994a]).

KEYS: Heraty 1994a: 42].

Orasemorpha myrmicae (Girault)

Epimetagea myrmicae Girault, 1936[447]: 3[324]. Type data: Australia: Victoria, Belgrave.

Lectotype female (examined), by subsequent designation Heraty, 1994a: 44. Type depository:

Brisbane: Queensland Museum, Queensland, Australia; type no. T.9262. Described: female. Filed notes: from description: labrum 6-digitate.

Epimetagea myrmicae; Hedqvist, 1978: 243.

Epimetagea myrmicae; Dahms, 1984: 842.

Chalcura myrmicae; Boucek, 1988: 529. Change of combination.

Orasemorpha myrmicae; Heraty, 1994a: 44-45. Change of combination.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole* sp. [Giraul1936447]

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (South Australia [Heraty1994a], Victoria [Giraul1936447]).

KEYS: Heraty 1994a: 42].

Orasemorpha pyttalus (Walker)

Eucharis pyttalus Walker, 1846: 21, 87-88(descr.). Type data: Australia: South Australia. Holotype female (examined), by monotypy. Type depository: Natural History Museum, London ; type no. 5.615. Described: female.

Orasemorpha pyttalus; Boucek, 1988: 519. Change of combination.

Orasemorpha pyttalus; Heraty, 1994a: 47-48. Described: female. Illust. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Heraty1994a], Queensland [Heraty1994a], South Australia [Walker1846]).

KEYS: Heraty 1994a: 42].

Orasemorpha sparsepilosa Heraty

Orasemorpha sparsepilosa Heraty, 1994a: 48-49. Type data: Australia: New South Wales, Moree.

Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales, Queensland).

KEYS: Heraty 1994a: 42].

Orasemorpha tridentata (Girault)

Eucharomorpha tridentata Girault, 1915[241]: 230. Type data: Australia: Queensland, Mackay.

Lectotype female (examined), by subsequent designation Heraty, 1994a: 45. Type depository:

Brisbane: Queensland Museum, Queensland, Australia; type no. T.3287. Described: female.

Eucharomorpha wheeleri Brues, 1934: 203-205. Type data: Australia: New South Wales, Wentworth Falls. Lectotype female (examined), by subsequent designation Heraty, 1994a: 45. Type

depository: Cambridge: Museum of Comparative Zoology, Entomology Department, Harvard University, MA, USA. Described: female. Illust. Synonymy by Heraty, 1994a: 45.

Eucharomorpha tridentata; Dahms, 1986: 597.

Orasemorpha tridentata; Boucek, 1988: 519. Change of combination.

Orasemorpha wheeleri; Boucek, 1988: 519. Change of combination.

Orasemorpha tridentata; Heraty, 1994a: 45-46. Described: female. Illust. Subsequent description.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole proxima* Mayr [Brues1934].

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Brues1934], Queensland [Giraul1915241, Heraty1994a], Territory of Ashmore & Cartier Islands [Heraty1994a]).

KEYS: Heraty 1994a: 42].

Orasemorpha varidentata (Girault)

Eucharomorpha varidentata Girault, 1936[447]: 3[324]. Type data: Australia: Tasmania, Lindisfarne. Lectotype female (examined), by subsequent designation Boucek, 1988: 519. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. T.10049. Described: female.

Eucharomorpha varidentata; Dahms, 1986: 622.

Orasemorpha varidentata; Boucek, 1988: 519. Change of combination.

Orasemorpha varidentata; Heraty, 1994a: 49-50. Described: female. Illust. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Tasmania [Giraul1936447]).

KEYS: Heraty 1994a: 42].

Orasemorpha xeniades (Walker)

Eucharis xeniades Walker, 1839: 14-15. Type data: Australia: New South Wales, Sydney. Lectotype male (examined), by subsequent designation Boucek, 1988: 519. Type depository: Natural History Museum, London ; type no. 5.620.

Orasemorpha xeniades; Boucek, 1988: 519, f.928. Illust. Change of combination. Notes: New records

Orasemorpha xeniades; Heraty, 1994a: 43-44. Described: both sexes. Illust. Subsequent description.

ASSOCIATIONS: Host - MYRMICINAE : *Pheidole tasmanensis* [Heraty1994a].

CITATIONS: Heraty2002 [Tct]; Walker1846 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Walker1839, Heraty1994a], South Australia [Heraty1994a], Tasmania [Heraty1994a], Victoria [Heraty1994a]).

KEYS: Heraty 1994a: 42].

Timioderus Waterston

Timioderus Waterston, 1916: 413. Type species: *Timioderus refringens* Waterston, by original designation.

Timioderus; Heraty, 1994a: 32-33. Subsequent description.

Timioderus; Heraty, 2002: 64-65. Subsequent description. Notes: Brief diagnosis and catalog.

CITATIONS: Heraty2000 [Dim, phy].

KEYS: Heraty 1994a: 31-32].

Timioderus acuminatus Heraty

Timioderus acuminatus Heraty, 1994a: 36-37. Type data: South Africa: Cape Province, Ceres.

Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: both sexes. Illust.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole capensis* Mayr [Heraty2000].

CITATIONS: Heraty2000 [Behavior, description-Immatures]; Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: South Africa [Heraty1994a].

KEYS: Heraty 1994a: 34].

Timioderus coronula Heraty

Timioderus coronula Heraty, 1994a: 37. Type data: South Africa: Cape Province, Grahamstown.

Holotype male (examined), by original designation. Type depository: Natural History Museum, London . Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Nigeria [Heraty1994a]; South Africa [Heraty1994a].

KEYS: Heraty 1994a: 34].

Timioderus peridentatus Heraty

Timioderus peridentatus Heraty, 1994a: 34-36. Type data: South Africa: Cape Province, Mossel Bay.

Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: both sexes. Illust.

CITATIONS: Heraty2000 [Behavior, description-Immatures]; Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: South Africa [Heraty1994a].

KEYS: Heraty 1994a: 33].

Timioderus ramosus Heraty

Timioderus ramosus Heraty, 1994a: 37-38. Type data: South Africa: Cape Province, Aliwal North.

Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: South Africa [Heraty1994a].

KEYS: Heraty 1994a: 34].

Timioderus refringens Waterston

Timioderus refringens Waterston, 1916: 413-417. Type data: Malawi: Monkey Bay. Lectotype female (examined), by subsequent designation Heraty, 1994a: 35. Type depository: Natural History Museum, London ; type no. 5.374. Described: female. Illust.

Orasema viridicyanea Risbec, 1958: 150. Type data: Zimbabwe: Penkrige. Holotype female (examined), by original designation. Type depository: SAFM; type no. 30C7. Described: female. Illust. Synonymy by Heraty, 1994a: 35.

Timioderus refringens; Heraty, 1994a: 35-36. Described: both sexes. Illust. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Kenya; Malawi; Mozambique; South Africa; Tanzania; Uganda; Zimbabwe.

KEYS: Heraty 1994a: 34].

Subfamily Eucharitinae

Eucharitidae Walker, 1846: 21.

Eucharitinae Burks, 1979: 875. Notes: First separation as distinct subfamily within Eucharitidae.

Eucharitinae; Heraty, 1994a: 20. Subsequent description.

Eucharitinae; Heraty, 1995: 321. Subsequent description. Notes: Costa Rica.

Eucharitinae; Heraty, 2002: 66-67. Subsequent description. Notes: Brief diagnosis and synopsis of distribution.

CITATIONS: Heraty2002anatomy.

Tribe Psilocharitini

Neolosbanus Heraty

Neolosbanus Heraty, 1994a: 93-96. Type species: *Orasema palgravei* Girault, by original designation.

Neolosbanus; Heraty, 2002: 68-69. Subsequent description. Notes: Brief diagnosis.

KEYS: Heraty 1994a: 96-98].

Neolosbanus anapetus Heraty

Neolosbanus anapetus Heraty, 1994a: 115-116. Type data: Philippines: Mindanao, Mountain

Province, Mayoyao. Holotype female (examined), by original designation. Type depository:

Honolulu: Bernice P. Bishop Museum, Dept. Ent. Coll., HI, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Philippines (Mindanao [Heraty1994a]).

KEYS: Heraty 1994a: 98].

Neolosbanus apoanus Heraty

Neolosbanus apoanus Heraty, 1994a: 100-101. Type data: Philippines: Mindanao, Mount Apo.

Holotype male (examined), by original designation. Type depository: Cambridge: Museum of Comparative Zoology, Entomology Department, Harvard University, MA, USA. Described: male. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Philippines [Heraty1994a].

KEYS: Heraty 1994a: 96].

Neolosbanus gemma (Girault)

Oraesema gemma Girault, 1932[437]: 4[289]. Type data: Australia: Queensland, Kuranda. Lectotype female (examined), by subsequent designation Boucek, 1988: 520. Type depository: Brisbane:

Queensland Museum, Queensland, Australia; type no. T.8969. Described: female. Illust.

Oraesema gemma; Dahms, 1984: 646.

Neolosbanus gemma; Heraty, 1994a: 98-99. Described: female. Illust. Change of combination. Notes:

ASSOCIATIONS: Host - FORMICIDAE **Ponerinae**: *Hypoponera* sp. [Heraty1994a]

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Girault1932437, Heraty1994a]).

KEYS: Heraty 1994a: 96].

Neolosbanus gressitti (Watanabe)

Losbanus gressitti Watanabe, 1958: 28, f.5. Type data: Caroline Islands. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 64015. Described: female. Illust.

Neolosbanus gressitti; Heraty, 1994a: 114. Described: both sexes. Illust. Change of combination. Notes: Redescription.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Caroline Islands (Palau [Heraty1994a, Watana1958]).

KEYS: Heraty 1994a: 97].

Neolosbanus kokureanus Heraty

Neolosbanus kokureanus Heraty, 1994a: 114-115. Type data: Papua New Guinea: Bougainville,

Kokure. Holotype female (examined), by original designation. Type depository: Honolulu:

Bernice P. Bishop Museum, Dept. Ent. Coll., HI, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Solomon Islands (Bougainville [Heraty1994a]).

KEYS: Heraty 1994a: 97].

Neolosbanus laeviceps (Gahan)

Psilogaster laeviceps Gahan, 1940: 429-430. Type data: Sri Lanka [Ceylon]: Peradeniya. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 53550. Described: female.

Parapsilogaster laeviceps; Ghesquière, 1946: 368. Change of combination.

Losbanus laeviceps; Watanabe, 1958: 26. Change of combination.

Oraesema purpureoventris; Boucek, 1988: 520. Misidentification. Notes: Erroneous synonymy.

Neolosbanus laeviceps; Heraty, 1994a: 105-106. Described: both sexes. Illust. Change of combination.

CITATIONS: Darlin1988 [Sae]; Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Japan (Ryuku Islands [Heraty1994a]). **Australasian**: Japan (Ryuku Islands [Heraty1994a]). **Oriental**: India (Tamil Nadu [Heraty1994a]); Laos [Heraty1994a]; Sri Lanka [Heraty1994a]; Taiwan [Heraty1994a]; Vietnam [Heraty1994a]. **Palaeartic**: Japan (Honshu [Heraty1994a]).

KEYS: Heraty 1994a: 97].

Neolosbanus nepalensis Heraty

Neolosbanus nepalensis Heraty, 1994a: 108-109. Type data: Nepal: Kathmandu, Godavari. Holotype female (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada.

Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental:** Nepal [Heraty1994a].

KEYS: Heraty 1994a: 97].

Neolosbanus palgravei (Girault)

Orasema palgravei Girault, 1922[361]: 105-106. Type data: Australia: Queensland, Cairns.

Lectotype female (examined), by subsequent designation Heraty, 1994a: 109. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. T.9405. Described: both sexes.

Psilogaster nishidai Ishii & Nagasawa, 1941: 292-294. Type data: Caroline Islands. Unknown type status. Described: female. Illust. Synonymy by Heraty, 1994a: 109.

Losbanus nishidai; Watanabe, 1958: 27-28. Change of combination.

Losbanus petersoni Hedqvist, 1978: 229. Type data: Philippines: Palawan, Tagembung. Holotype female (examined), by original designation. Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark. Described: female. Illust. Synonymy by Heraty, 1994a: 109.

Losbanus nishidai; Hedqvist, 1978: 230. Notes: List and key.

Orasema palgravei; Dahms, 1986: 376.

Neolosbanus nishidai; Boucek, 1988: 520. Notes: Unjustified synonymy with *purpureoventris*.

Losbanus petersoni; Boucek, 1988: 521. Notes: Unjustified synonymy with *purpureoventris*.

Orasema indica Snehalatha and Narendran, 1992: 355. Type data: India: Kerala, Trichur. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA. Described: both sexes. Illust. Synonymy by Heraty, 1994a: 109.

Neolosbanus palgravei; Heraty, 1994a: 109-113. Described: both sexes. Illust. Change of combination. Notes:

ASSOCIATIONS: Host - FORMICIDAE **Ponerinae:** *Hypoponera* sp. [Heraty1994a]

CITATIONS: Heraty2002 [Tct]; Yasuma1942 [Rre].

DISTRIBUTION: **Australasian:** Australia (Queensland [Heraty1994a, Girault1922361]); Caroline Islands (Palau [Heraty1994a]). **Australasian:** Caroline Islands (Palau [Heraty1994a]); Japan (Ryuku Islands [Heraty1994a]). **Australasian:** Palau [Yasuma1942]; Papua New Guinea [Heraty1994a]. **Australasian:** Papua New Guinea [Heraty1994a]. **Australasian:** Solomon Islands (Bougainville [Heraty1994a]). **Oriental:** India (Kerala [SnehalNa1992]); Indonesia (Ceram [Heraty1994a], Irian Jaya [Heraty1994a], Java [Heraty1994a], Kalimantan (=Borneo) [Heraty1994a]); Malaysia (Malaya [Heraty1994a]); Nepal [Heraty1994a]; Philippines (Mindanao [Heraty1994a]); Singapore [Heraty1994a]; Taiwan [Heraty1994a]; Thailand [Heraty1994a]; Vietnam [Heraty1994a]. **Palaeartic:** Algeria [Heraty1994a].

KEYS: Heraty 1994a: 97].

Neolosbanus pilosus Heraty

Neolosbanus pilosus Heraty, 1994a: 107-108. Type data: VIET NAM: Fyan. Holotype female (examined), by original designation. Type depository: Honolulu: Bernice P. Bishop Museum, Dept. Ent. Coll., HI, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental:** Vietnam [Heraty1994a].

KEYS: Heraty 1994a: 97].

Neolosbanus purpureoventris (Cameron)

Eucharis purpureoventris Cameron, 1909: 232. Type data: East Malaysia: Sarawak, Kuching.

Lectotype female (examined), by subsequent designation Boucek, 1988: 520. Type depository: Natural History Museum, London ; type no. 5.367. Described: both sexes. Illust.

Orasema purpureoventris; Boucek, 1988: 520-521. Misidentification. Notes: In part. Distribution and illustrations mostly for *palgravei* (see Heraty, 1992b). Includes erroneous synonymies of *laeviceps*, *nishidai* and *petersoni*.

Neolosbanus purpureoventris; Heraty, 1994a: 103-104. Described: both sexes. Illust. Change of combination. Notes:

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: China (Fujian (=Fukien) [Heraty1994a], Hainan [Heraty1994a]); Indonesia (Kalimantan (=Borneo) [Heraty1994a]); Laos [Heraty1994a]; Malaysia (Malaya [Heraty1994a]); Nepal [Heraty1994a]; Taiwan [Heraty1994a]; Thailand [Heraty1994a]; Vietnam [Heraty1994a].

KEYS: Heraty 1994a: 96].

Neolosbanus storeyi Heraty

Neolosbanus storeyi Heraty, 1994a: 101-103. Type data: Papua New Guinea: Nondugl. Holotype female (examined), by original designation. Type depository: Honolulu: Bernice P. Bishop Museum, Dept. Ent. Coll., HI, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Heraty1994a]); Papua New Guinea [Heraty1994a]; Solomon Islands (Bougainville [Heraty1994a]). **Oriental**: Indonesia (Ceram [Heraty1994a]).

KEYS: Heraty 1994a: 96].

Neolosbanus taiwanensis Heraty

Neolosbanus taiwanensis Heraty, 1994a: 106-107. Type data: Taiwan: Wufeng. Holotype female (examined), by original designation. Type depository: Taichung: Taiwan Agricultural Research Institute, Entomology Collection, Taiwan. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: China (Hunan [Heraty1994a]); Taiwan [Heraty1994a].

KEYS: Heraty 1994a: 97 (adult)].

Neolosbanus townesi Heraty

Neolosbanus townesi Heraty, 1994a: 104-105. Type data: Papua New Guinea: Kassam Pass. Holotype female (examined), by original designation. Type depository: Gainesville: American Entomological Institute, FL, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Papua New Guinea [Heraty1994a].

KEYS: Heraty 1994a: 97].

Neolosbanus violaceus Heraty

Neolosbanus violaceus Heraty, 1994a: 116-117. Type data: Papua New Guinea: Baiyer River. Holotype male (examined), by original designation. Type depository: Gainesville: American Entomological Institute, FL, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Papua New Guinea [Heraty1994a].

KEYS: Heraty 1994a: 98].

Neolosbanus watanabei Heraty

Neolosbanus watanabei Heraty, 1994a: 102-103. Type data: Philippines: Negros: Cuernos de Negros. Holotype female (examined), by original designation. Type depository: Toronto: Royal Ontario Museum. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Philippines [Heraty1994a] (Negros [Heraty1994a]).

KEYS: Heraty 1994a: 96].

Neolosbanus wusheanus Heraty

Neolosbanus wusheanus Heraty, 1994a: 99-101. Type data: Taiwan: Nantou Hsien, Wushe. Holotype female (examined), by original designation. Type depository: Gainesville: American Entomological Institute, FL, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Taiwan [Heraty1994a].

KEYS: Heraty 1994a: 96 (adult)].

Psilocharis Heraty

Psilocharis Heraty, 1994a: 81-83. Type species: *Eucharis theocles* Walker, by original designation.
KEYS: Heraty 1994a: 83-84].

Psilocharis aenigma Heraty

Psilocharis aenigma Heraty, 1994a: 84. Type data: Madagascar: Ambohitsitondrona. Holotype female (examined), by original designation. Type depository: Natural History Museum, London .
Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Madagascar [Heraty1994a].

KEYS: Heraty 1994a: 83 (adult)].

Psilocharis afra Heraty

Psilocharis afra Heraty, 1994a: 90-91. Type data: Uganda: Kalinzu forest. Holotype female (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Cameroon [Heraty1994a]; Kenya [Heraty1994a]; Malawi [Heraty1994a]; South Africa [Heraty1994a]; Uganda [Heraty1994a].

KEYS: Heraty 1994a: 84].

Psilocharis dahmsi Heraty

Psilocharis dahmsi Heraty, 1994a: 87-88. Type data: Papua New Guinea: Swart Valley. Holotype female (examined), by original designation. Type depository: Honolulu: Bernice P. Bishop Museum, Dept. Ent. Coll., HI, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Papua New Guinea [Heraty1994a].

Psilocharis hypena Heraty

Psilocharis hypena Heraty, 1994a: 91-93. Type data: Malaysia: Sarawak, Tenompok. Holotype female (examined), by original designation. Type depository: Honolulu: Bernice P. Bishop Museum, Dept. Ent. Coll., HI, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: China (Fujian (=Fukien) [Heraty1994a], Guangdong (=Kwangtung) [Heraty1994a], Jiangxi (=Kiangsi) [Heraty1994a]); India (Himachal Pradesh [Heraty1994a]); Indonesia (Sumatra [Heraty1994a]); Malaysia (Malaya [Heraty1994a]); Philippines (Luzon [Heraty1994a]); Taiwan [Heraty1994a]. **Palaeartic**: Japan (Kyushu [Heraty1994a]).

KEYS: Heraty 1994a: 84 (adult)].

Psilocharis joanneae Heraty

Psilocharis joanneae Heraty, 1994a: 88-89. Type data: Australia: Queensland, Mount Webb National Park. Holotype female (examined), by original designation. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Heraty1994a]).

KEYS: Heraty 1994a: 83].

Psilocharis monilicera Heraty

Psilocharis monilicera Heraty, 1994a: 85. Type data: South Africa: Cape Province, Grahamstown. Holotype male (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: South Africa [Heraty1994a].

KEYS: Heraty 1994a: 83 (adult)].

Psilocharis pacifica Heraty

Psilocharis pacifica Heraty, 1994a: 86-87. Type data: Fiji: Vanua Levu. Holotype female (examined), by original designation. Type depository: Honolulu: Bernice P. Bishop Museum, Dept. Ent. Coll., HI, USA. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Fiji [Heraty1994a].

KEYS: Heraty 1994a: 83].

Psilocharis pentella Heraty

Psilocharis pentella Heraty, 1994a: 85-86. Type data: Indonesia: Sumatra, Aceh. Holotype female (examined), by original designation. Type depository: Berlin: Museum fur Naturkunde der Humboldt Universitat zu Berlin, Germany. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Indonesia (Sumatra [Heraty1994a]).

KEYS: Heraty 1994a: 83].

Psilocharis theocles (Walker)

Eucharis theocles Walker, 1839: 11-12. Type data: Australia: New South Wales, Sydney. Lectotype male (examined), by subsequent designation Boucek, 1988: 521. Type depository: Natural History Museum, London ; type no. 5.618. Described: both sexes. Illust.

Psilogaster theocles; Girault, 1913[175]: 93. Change of combination.

Psilogaster theocles; Girault, 1915[241]: 232.

Orasema emma Girault, 1934[442]: 2[307]. Type data: Australia: Queensland, Tumoulin. Lectotype female (examined), by subsequent designation Boucek, 1988: 521. Type depository: Brisbane: Queensland Museum, Queensland, Australia. Described: female. Synonymy by Boucek, 1988: 521.

Orasema emma; Girault, 1936[447]: 3[324]. Subsequent description. Notes: Description repeated.

Orasema emma; Dahms, 1983: 249.

Orasema theocles; Boucek, 1988: 521. Change of combination.

Psilocharis theocles; Heraty, 1994a: 89-90. Described: both sexes. Illust. Change of combination. Notes:

CITATIONS: Heraty2002 [Tct]; Walker1846 [Tct].

DISTRIBUTION: **Australasian**: Australia [Girault1936447, Girault1936447] (New South Wales [Heraty1994a, Walker1839], Queensland [Heraty1994a, Girault1934442], Tasmania [Heraty1994a], Territory of Ashmore & Cartier Islands [Heraty1994a], Western Australia [Heraty1994a]).

KEYS: Heraty 1994a: 84].

Tribe Eucharitini**Ancylotropus Cameron**

Ancylotropus Cameron, 1909c: 229. Type species: *Ancylotropus carniscutis* Cameron, by monotypy.

Ancylotropus; Heraty, 2002: 75-78. Subsequent description.

KEYS: Heraty 2002: 78-79].

Ancylotropus carniscutis Cameron

Ancylotropus carniscutis Cameron, 1909c: 229-230. Type data: Malaysia: Sarawak, Kuching.

Syntypes, male (examined). Type depository: Natural History Museum, London . Described: male. Filed notes: Type notes III: 71.

CITATIONS: Heraty2002 [Ca., Ra, range].

DISTRIBUTION: **Oriental**: Indonesia (Kalimantan (=Borneo) [Heraty2002], Sumatra [Heraty2002]); Malaysia (Malaya [Heraty2002], Sarawak [Cameron1909c]); Philippines (Luzon [Heraty2002], Mindoro [Heraty2002], Palawan [Heraty2002]); Thailand [Heraty2002].

Ancylotropus ivondroi (Risbec) new combination

Schizaspidia ivondroi Risbec, 1952: 400-401. Type data: Madagascar: Ivondro. Lectotype male (examined), by **present designation**. Type depository: Paris: Museum National d'Histoire naturelle,

France. Described: male. Filed notes: Type notes III-116.
DISTRIBUTION: **Afrotropical**: Madagascar [Risbec1952].

Ancylotropus manipurensis (Clausen)

Schizaspidia manipurensis Clausen, 1928: 80-86. Type data: India: Manipur. Unknown type status.
Type depositories: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA, and Natural History Museum, London ; type no. 40923.
Described: both sexes. Notes: Male type in BMNH.
Stilbula manipurensis; Gahan, 1940: 436. Described: both sexes. Change of combination.
Ancylotropus manipurensis; Boucek, 1988: 534. Change of combination.
CITATIONS: Clause1928 [Bre, Dim, Lhi]; Heraty2002 [Tc., Life History].
DISTRIBUTION: **Oriental**: India.

Ancylotropus montanus (Girault) new combination

Parapsilogaster montanus Girault, 1928[425]: 451. Type data: Philippines: Luzon, Mount Maquiling, Laguna. Holotype female, by monotypy. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. 24246. Described: female. Filed notes: Type notes II-4,45. Notes on planidium in TN I-79.
Parapsilogaster striatus Girault, 1928[425]: 451. Type data: Philippines: Luzon, Los Baños, Laguna. Holotype male, by original designation. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. 24244. Described: male. Synonymy by Baltazar, 1966b: 131. Notes: Mistakenly identified as female in original description (Baltazar 1966b). Unnecessary synonymy by Hedqvist 1978: 243. [TN II-45]
Epimetegea montana; Hedqvist, 1978: 243. Change of combination.
Chalcura montana; Boucek, 1988: 528. Change of combination.
Parapsilogastrus heratyi Narendran, 1999: 451-452. Type data: Thailand, Satum, Thale. Ban NP. Holotype male (examined), by original designation. Type depository: Vienna: Naturhistorisches Museum Wien, Austria; type no. N.43. Described: male. Illust. **New synonymy**. Filed notes: coll. Madl, 10-16.ii.1993. Type notes IV: 30.
CITATIONS: Clause1940a [Die, Dil]; Heraty2002 [Tc., Life History]; Ishii1932 [Dim, Dad].
DISTRIBUTION: **Oriental**: Malaysia (Sarawak [new]); Philippines (Leyte [Heraty2002], Luzon [Giraul1928425], Mindanao [Heraty2002], Negros [Heraty2002]); Thailand [Narend1999]; Vietnam [Heraty2002].

Ancylotropus seyrigi (Risbec) new combination

Schizaspidia seyrigi Risbec, 1952: 394. Type data: Madagascar. Unknown type status.
DISTRIBUTION: **Afrotropical**: Madagascar [Risbec1952].

Anorasema Boucek

Anorasema Boucek, 1988: 522-523. Type species: *Eucharis pallidipes* Cameron, by original designation.
Anorasema; Heraty, 1992: 598-599. Subsequent description.
Anorasema; Heraty, 2002: 81-82. Subsequent description.

Anorasema manii Heraty

Anorasema manii Heraty, 1992: 599-600. Type data: India: Alipur Duar. Holotype male (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA. Described: male. Illust.
CITATIONS: Heraty2002 [Tct].
DISTRIBUTION: **Oriental**: India (Bihar [Heraty1992]).

Anorasema pallidipes (Cameron)

Eucharis pallidipes Cameron, 1909b: 232-233. Type data: East Malaysia: Sarawak. Lectotype male (examined), by subsequent designation Boucek, 1988: 523. Type depository: Natural History Museum, London ; type no. 5.366. Described: male.
Anorasema pallidipes; Boucek, 1988: 522. Illust. Change of combination.

Anorasema pallidipes; Heraty, 1992: 600-601. Described: both sexes. Illust. Subsequent description.
CITATIONS: Heraty2002 [Tct].
DISTRIBUTION: **Oriental**: Malaysia (Malaya [Boucek1988], Sarawak [Boucek1988]); Vietnam.

Apometagea Heraty

Apometagea Heraty, 2002: 83-84. Type species: *Apometagea masneri* Heraty, by original designation.

Apometagea masneri Heraty

Apometagea masneri Heraty, 2002: 84-85. Type data: Australia: New South Wales, Stanthorpe.
Holotype male (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada.
Described: male. Illust.
DISTRIBUTION: **Australasian**: Australia (New South Wales [Heraty2002]).

Athairocharis Heraty

Athairocharis Heraty, 2002: 85-87. Type species: *Athairocharis vannoorti* Heraty, by original designation.

Athairocharis laurencei Heraty

Athairocharis laurencei Heraty, 2002. Type data: South Africa: Western Cape Prov., Uniondale.
Holotype female (examined), by original designation. Type depository: SAMC. Described: both sexes. Illust.
DISTRIBUTION: **Afrotropical**: South Africa [Heraty2002].

Athairocharis vannoorti Heraty

Athairocharis vannoorti Heraty, 2002: 88-89. Type data: South Africa: Western Cape Prov., Constantiaberg. Holotype female (examined), by original designation. Type depository: SAMC.
Described: both sexes. Illust.
ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Anaplolepis* sp. [Heraty2002].
CITATIONS: Heraty2002 [description-Immatures, Life History].
DISTRIBUTION: **Afrotropical**: South Africa [Heraty2002].

Austeucharis Boucek

Austeucharis Boucek, 1988: 525. Type species: *Psilogaster pallipes* Brullé, by original designation.
Austeucharis; Heraty, 2002: 90-92. Subsequent description.
CITATIONS: Ashmeal188845 [Tke, Tre].

Austeucharis boudiennyi (Girault)

Epimetagea boudiennyi Girault, 1940[459]: 325. Type data: Australia: New South Wales, Tweed Head (Upper Tweed River). Lectotype female, by subsequent designation Boucek, 1988: 525.
Type depository: Brisbane: Queensland Museum, Queensland, Australia. Described: female. Notes: Other record from Victoria. Filed notes: Type notes II: 47.
Epimetagea boudiennyi; Dahms, 1983: 146.
Austeucharis boudiennyi; Boucek, 1988: 525. Change of combination.
CITATIONS: Heraty2002 [Tct].
DISTRIBUTION: **Australasian**: Australia (New South Wales [Giraul1940459]).

Austeucharis fasciiventris (Brues)

Psilogaster fasciiventris Brues, 1919: 14-15. Type data: Australia: New South Wales, Hornsby.
Syntypes. Type depository: Cambridge: Museum of Comparative Zoology, Entomology Department, Harvard University, MA, USA. Described: both sexes. Illust.
Epimetagea fasciiventris; Hedqvist, 1978: 243. Change of combination.
Austeucharis fasciiventris; Boucek, 1988: 525. Change of combination.
ASSOCIATIONS: Host - FORMICIDAE **Myrmeciinae**: *Myrmecia gulosa* Fabr. [Brues1919].
CITATIONS: Boucek1988 [Dim, host record]; Heraty2002 [Tct].
DISTRIBUTION: **Australasian**: Australia (New South Wales [Brues1919]).

Austeucharis flavifemora (Girault)

Epimetegea flavifemora Girault, 1929[431]: 334. Type data: Australia: New South Wales, Camden and also Monaro. Holotype female (examined), by original designation. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: female.

Epimetegea flavifemora; Dahms, 1984: 604.

Austeucharis flavifemora; Boucek, 1988: 526. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Giraul1929431]).

Austeucharis ilyichi (Girault)

Epimetegea ilyichi Girault, 1936[447]: 3[324]. Type data: Australia: Tasmania, Hobart. Holotype female, by original designation. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. T.9132. Described: female. Filed notes: Type notes II: 38.

Epimetegea ilyichi; Hedqvist, 1978: 243. Misspelling of species name.

Epimetegea ilyichi; Dahms, 1984: 708.

Austeucharis ilyichi; Boucek, 1988: 526. Change of combination. Notes: Apparently close to *flavifemora*.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Tasmania [Giraul1936447]).

Austeucharis implexa (Walker)

Eucharis implexa Walker, 1862: 377-378. Type data: Australia: Tasmania. Lectotype female (examined), by subsequent designation Boucek, 1988: 526. Type depository: Natural History Museum, London ; type no. 5.613. Described: female. Filed notes: Type notes II-62.

Stilbula implexa; Walker, 1871: 66. Change of combination.

Austeucharis implexa; Boucek, 1988: 526. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Heraty2002], South Australia [Heraty2002], Tasmania [Walker1862], Victoria [Heraty2002]).

Austeucharis kosciuskoi (Girault)

Epimetegea kosciuskoi Girault, 1940[459]: 325. Type data: Australia: New South Wales, Mount Kosciusko. Syntypes. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: both sexes. Filed notes: Type notes II-57.

Epimetegea kosciuskoi; Dahms, 1984: 740. Subsequent description.

Austeucharis kosciuskoi; Boucek, 1988: 526. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Giraul1940459]).

Austeucharis larymna (Walker)

Eucharis larymna Walker, 1846: 21, 86-87(descr.). Type data: Australia. Lectotype male, by subsequent designation Boucek, 1988: 526. Type depository: Natural History Museum, London ; type no. 5.3067. Notes: Refers to one specimen [Australia] but described male and female. Filed notes: Type notes III: 100.

Stilbula larymna; Walker, 1871: 66. Change of combination.

Austeucharis larymna; Boucek, 1988: 526. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia [Walker1846].

Austeucharis myrmeciae (Forel)

Eucharis myrmeciae Forel, 1890: ix. Type data: Australia: South Australia, Bull Creek. Lectotype male (examined), by subsequent designation Boucek, 1988: 526. Type depository: Natural History Museum, London ; type no. 5.368. Notes: Unintentional description, type material based on Cameron's designation. Filed notes: Type notes III: 64.

Eucharis myrmeciae; Cameron, 1891: 187, pl.1. Described: both sexes. Misspelling of species name.

Austeucharis myrmeciae; Boucek, 1988: 526. Change of combination.

ASSOCIATIONS: Host - FORMICIDAE **Myrmeciinae**: *Myrmecia forficata* Fabr. [Forel1890,

Janet1897].

CITATIONS: Fore1890 [host record]; Heraty2002 [Tct]; Janet1897 [Lhi].

DISTRIBUTION: **Australasian**: Australia (South Australia [Camero1891]).

Austeucharis pallipes (Brulle)

Psilogaster pallipes Brulle, 1846: 375, pl. 39. Type data: Australia: Tasmania. Lectotype female (examined), by subsequent designation Boucek, 1988: 526. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: female. Illust. Notes: Two illustrations were provided in Brulle for specimens both apparently collected in Australia. Boucek designated a female as lectotype and this is an *Austeucharis*. This specimen bears the label "Museum Paris Tasmania coll O. Sichel 1867". A male specimen from the Paris Museum has the label "Psilogaster pallipes Blanchard Brulle Hy.[?] Hym IV 574 pl 89 6 [males] 2 [females]." This specimen is a species of *Psilogastrellus*. Under this same label is the locality "Egypt" suggesting that this may be from the same series as *Psilogastrellus cupreus* Blanchard. Filed notes: Type notes III: 63, IV: 46.

Psilogaster pallidipes Dalla Torre, 1898: 362. Unjustified emendation; discovered by Boucek, 1988: 526.

Austeucharis pallipes; Boucek, 1988: 526. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Tasmania [Brulle1846]).

Austeucharis piceicornis (Walker)

Eucharis piceicornis Walker, 1862: 376-377. Type data: Australia: New South Wales, Sydney. Lectotype male, by subsequent designation Boucek, 1988: 526. Type depository: Natural History Museum, London ; type no. 5.611. Described: male. Notes: Single male, without gaster. Filed notes: Type notes III: 61.

Stilbula piceicornis; Walker, 1871: 66. Change of combination.

Austeucharis piceicornis; Boucek, 1988: 526. Change of combination. Notes: Very close to *pallipes*.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Walker1862]).

Austeucharis pulchra (Girault)

Psilogaster pulcher(!) Girault, 1913[175]: 93. Type data: Australia: Tasmania, Mount Wellington.

Holotype male, by original designation. Type depository: Adelaide: South Australian Museum, South Australia, Australia; type no. I.1281. Described: male. Filed notes: Type notes II: (39)/77.

Psilogaster pulcher; Girault, 1915[241]: 232. Described: male. Subsequent description. Notes: Description repeated.

Epimetegea pulcher; Girault, 1929[431]: 333. Described: female. Change of combination.

Psilogaster pulcher; Dahms, 1986: 431.

Austeucharis pulchra; Boucek, 1988: 526. Change of combination. Notes: Emmendation of specific epithet.

DISTRIBUTION: **Australasian**: Australia (Tasmania [Giraul1913175]).

Austeucharis rufiventris (Ashmead)

Metagea rufiventris Ashmead, 1900[178]: 338. Type data: Australia. Unknown type status female, type designation unknown. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 4887. Described: female.

Metagea rufiventris; Girault, 1915[241]: 225. Described: female. Subsequent description. Notes: Repeat of Ashmead description.

Austeucharis rufiventris; Boucek, 1988: 526. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia [Ashmea1900178].

Austeucharis smaragdina (Walker)

Eucharis smaragdina Walker, 1862: 376. Type data: Australia: Tasmania. Lectotype male, by subsequent designation Boucek, 1988: 526. Type depository: Natural History Museum, London ; type no. 5.610. Described: male. Filed notes: Type notes III: 61.

Stilbula smaragdina; Walker, 1871: 66. Change of combination.

Austeucharis smaragdina; Boucek, 1988: 526. Change of combination. Notes: Probably same as *pallipes*.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Walker1862]).

***Austeucharis toga* (Girault) new combination**

Stilbula toga Girault, 1937[448]: 1[326]. Type data: Australia: Victoria, Ringwood. Syntypes. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. T.10014. Described: female.

Stilbula toga; Dahms, 1986: 590.

Stilbula toga; Boucek, 1988: 532.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Australasian**: Australia (Victoria [Giraul1937448]).

Carletonia Heraty

Babcockiella Heraty, 2002: 95-96. Type species: *Babcockiella emaciata* Heraty, by original designation.

KEYS: Heraty 2002: 96-97].

***Babcockiella carinata* Heraty**

Babcockiella carinata Heraty, 2002: 97-98. Type data: Kenya, Naro Moru. Holotype male (examined), by original designation. Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark. Described: male. Illust.

DISTRIBUTION: **Afrotropical**: Kenya [Heraty2002].

***Babcockiella emaciata* Heraty**

Babcockiella emaciata Heraty, 2002: 98-99. Type data: South Africa: Eastern transvaal, Strydom Tunnel. Holotype female (examined), by original designation. Type depository: Pretoria: South African National Collection of Insects, South Africa. Described: female. Illust.

DISTRIBUTION: **Afrotropical**: South Africa [Heraty2002].

***Babcockiella setifera* Heraty**

Babcockiella setifera Heraty, 2002: 99. Type data: Democratic Republic of Congo: P.N.U., Kankunda. Holotype female (examined), by original designation. Type depository: Tervuren: Musee Royal de l'Afrique Centrale, Section d'Entomologie, Belgium. Described: female. Illust.

DISTRIBUTION: **Afrotropical**: Congo [Heraty2002].

***Babcockiella smicra* Heraty**

Babcockiella smicra Heraty, 2002: 100. Type data: Zimbabwe: Matopo Hills. Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: female. Illust.

DISTRIBUTION: **Afrotropical**: Zimbabwe [Heraty2002].

Carletonia Heraty

Carletonia Heraty, 2002: 100-102. Type species: *Carletonia panamensis* Heraty, by original designation.

***Carletonia panamensis* Heraty**

Carletonia panamensis Heraty, 2002: 102-103. Type data: Panama: Chiriqui Prov., 2 km W Cerro Punta. Holotype male (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada. Described: male. Illust.

DISTRIBUTION: **Neotropical**: Panama [Heraty2002].

Chalcura Kirby

Chalcura Kirby, 1886: 30. Type species: *Eucharis deprivata* Walker, by original designation.

Rhipipallus Kirby, 1886: 31. Type species: *Eucharis volosus* Walker, by original designation.

Synonymy by Baltazar, 1961: 394.

- Chalcura*; Ashmead, 1888[45]: 187 (in key).
Rhipipallus; Ashmead, 1888[45]: 187 (in key).
Chalcura; Ashmead, 1904[238]: 269 (key).
Rhipipallus; Ashmead, 1904[238]: 268 (key).
Epimetaea Girault, 1913[148]: 225. Type species: *Epimetaea purpurea* Girault (= *Rhipipallus affinis* Bingham), by original designation. Synonymy by Boucek, 1988: 527.
Chalcurelloides Girault, 1913[156]: 46. Type species: *Chalcurelloides hyalinus* Girault, by original designation. Synonymy by Boucek, 1988: 527.
Chalcuroidella Girault, 1913[159]: 100. Type species: *Chalcuroidella orientalis* Girault, by original designation. Synonymy by Boucek, 1988: 527.
Astilbula Girault, 1913[175]: 96. Type species: *Astilbula magnifica* Girault, by original designation. Synonymy by Boucek, 1988: 527.
Chalcurella Girault, 1913[175]: 94. Type species: *Chalcurella nigrocyanea* Girault, by original designation. Synonymy by Boucek, 1988: 527.
Chalcuroides Girault, 1913[175]: 115. Type species: *Chalcuroides versicolor* Girault, by original designation. Synonymy by Boucek, 1988: 527.
Arhipipallus Girault, 1936[447]: 2 [324]. Type species: *Rhipipallus turneri* Kirby, by monotypy. Synonymy by Boucek, 1988: 527.
Parachalcura Girault, 1940[459]: 324. Type species: *Parachalcura ramosa* Girault, by monotypy. Synonymy by Boucek, 1988: 527.
Epimetaea; Hedqvist, 1978: 242. Subsequent description. Notes: Short diagnosis and new synonymies which include *Propsilogaster* and *Parapsilogastrus*; included species treated under various genera by Boucek (1988).
Rhipipallus; Hedqvist, 1978: 243-244. Subsequent description. Notes: Short diagnosis and new synonymies which included *Chalcurella*, *Chalcurelloides*, *Chalcuroidella*, *Chalcuroides*, *Arhipipallus*, *Parachalcura* and *Rhipipalloidea*.
Chalcura; Heraty, 2002: 103-106. Subsequent description.
CITATIONS: Ashmead188845 [Tke, Tre]; Ashmead1899157 [Tkg; and as *Rhipipallus*]; Ashmead1904238 [Tkg]; Darlin1988 [Sae].
KEYS: Hedqvist 1978: 242 [Australasian].

***Chalcura aeginitus* (Walker)**

- Eucharis aeginetus* Walker, 1846: 86. Type data: Philippines. Unknown type status. Type depository: Natural History Museum, London ; type no. 5.622. Described: male. Illust. Filed notes: Type notes III-74.
Chalcura glabra Girault, 1928[425]: 451-452. Type data: Philippines: Luzon, Mount Maquiling. Holotype female (examined), by monotypy. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. 24247. Described: female. Synonymy by Baltazar, 1966b: 130. Notes: Boucek (1988: 528) examined the type of "*glabra*" and thought it should be placed with *Ancylotropus* (= *Chalcura*) *montanus*. I agree with the synonymy by Baltazar. Filed notes: Type notes II-32.
Chalcura aeginata; Hedqvist, 1978: 240-241. Described: both sexes. Illust. Misspelling of species name.
CITATIONS: Heraty2002 [Tct].
DISTRIBUTION: **Oriental**: Philippines (Luzon [Girault1928425], Mindoro [Heraty2002]).
KEYS: Hedqvist 1978: 242].

***Chalcura aeneobrunnea* (Girault)**

- Epimetaea aeneobrunnea* Girault, 1929[431]: 334-335. Type data: Australia: West Australia, King George's Sound. Holotype female, by original designation. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: female.
Epimetaea aeneobrunnea; Dahms, 1983: 16.
Chalcura aeneobrunnea; Boucek, 1988: 528. Change of combination.
CITATIONS: Heraty2002 [Tct].
DISTRIBUTION: **Australasian**: Australia (Western Australia [Girault1929431]).

***Chalcura affinis* (Bingham)**

- Rhipipallus affinis* Bingham, 1906: 129-130. Type data: Australia: Queensland, Townsville.

Lectotype female, by subsequent designation Boucek, 1988: 528. Type depository: Oxford: Hope Entomological Collections, University Museum, England; type no. 47. Described: both sexes. Filed notes: Type notes III-79.

Epimetegea purpurea Girault, 1913[148]: 227. Type data: Australia: Queensland, Townsville. Syntypes. Type depository: Brisbane: Queensland Museum, Queensland, Australia. Described: female. Synonymy by Boucek, 1988: 528. Notes: Syntypes supplied by Dodd, probably from same lot of syntypes as *affinis*. Filed notes: Type notes II-41.

Chalcuroides versicolor Girault, 1913[175]: 115. Type data: Australia: Queensland, Townsville. Holotype male, by original designation. Type depository: Adelaide: South Australian Museum, South Australia, Australia. Described: male. Synonymy by Boucek, 1988: 236. Notes: Body of type missing, synonymy based on identification of syntype of *affinis* from BMNH by Girault as *versicolor*. Filed notes: Type notes II-79.

Epimetegea purpurea; Girault, 1915[241]: 226-227. Described: female. Subsequent description. Notes: Repeated description of *purpurea*.

Rhipipallus affinis; Girault, 1915[241]: 234-235. Described: both sexes. Subsequent description. Notes: Bingham's description repeated.

Chalcuroides versicolor; Girault, 1915[241]: 236. Described: male. Subsequent description. Notes: Description repeated.

Rhipipallus versicolor; Hedqvist, 1978: 245. Change of combination.

Epimetegea purpurea; Dahms, 1986: 446.

Chalcuroides versicolor; Dahms, 1986: 630.

Chalcura affinis; Boucek, 1988: 528. Change of combination.

ASSOCIATIONS: Hosts - FORMICIDAE **Formicidae**: sp. Ant pupae [Giraul1915241].

Myrmeciinae: *Myrmecia* [?]? [Boucek1988]. **Ponerinae**: *Odontomachus ruficeps coriarius* Mayr [Bingha1906].

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Bingha1906, Heraty2002]).

Chalcura bicoloriventris (Girault)

Epimetegea bicoloriventris Girault, 1915[241]: 228. Type data: Australia: Queensland, Bribie Island. Holotype female, by original designation. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. Hy.3285. Described: female. Filed notes: Type notes I-33.

Epimetegea bicoloriventris; Dahms, 1983: 133.

Chalcura bicoloriventris; Boucek, 1988: 528. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1915241]).

Chalcura bispinosa (Girault)

Chalcuroidella bispinosa Girault, 1929[431]: 335. Type data: Australia: South Australia, Mount Lofty. Holotype male, by original designation. Type depository: Adelaide: South Australian Museum, South Australia, Australia. Described: male. Notes: Probably conspecific with *turneri* (Boucek, 1988). Filed notes: Type notes II-76.

Rhipipallus bispinosus; Hedqvist, 1978: 528. Change of combination.

Chalcuroidella bispinosa; Dahms, 1983: 143.

Chalcura bispinosa; Boucek, 1988: 528. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (South Australia [Giraul1929431]).

Chalcura brunneipolita (Girault)

Epimetegea brunneipolita Girault, 1934[442]: 1[306]. Type data: Australia: Queensland, Brisbane. Holotype female, by monotypy. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. T.8697. Described: female. Filed notes: Type notes II-33. From aeneobrunnea: head and scutellum glabrous; propodeum with lateral carina only; mouth-plate 8-digitate; club nearly as long as scape, latter 4X longer than wide, much exceeding funicle 1.

Epimetegea brunneipolita; Dahms, 1983: 154.

Chalcura brunneipolita; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1934442]).

Chalcura bunyae (Girault)

Epimetegea bunyae Girault, 1934[442]: 1[306]. Type data: Australia: Queensland, Bunya Mountains. Syntypes, unknown. Type depository: Brisbane: Queensland Museum, Queensland, Australia. Notes: Very close to *affinis* (Boucek, 1988). Filed notes: Type notes II-33. From *magnifica*: costal cell only 2 lines cilia; discal cilia long; propodeum with sparse rugae.

Chalcura bunyae; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia [Giraul1934442].

Chalcura cameroni (Kirby)

Rhipipallus cameroni Kirby, 1886: 37, pl.1, fig.6. Type data: Australia(?) or Celebes(?). Unknown type status. Notes: Type lost, recognized from figure by Boucek (1988).

Chalcura cameroni; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia [Kirby1886].

Chalcura deprivata (Walker)

Eucharis deprivata Walker, 1860: 359. Type data: Ceylon. Unknown type status male (examined), type designation unknown. Type depository: Natural History Museum, London ; type no. 5.623. Filed notes: Type notes III-74.

Chalcura deprivata; Kirby, 1886: 30. Change of combination.

Chalcura deprivata; Gahan, 1940: 431.

ASSOCIATIONS: Foe - HYMENOPTERA **Sphecidae**: *Cerceris conifera* [Krombe1981]. Host - FORMICIDAE **Ponerinae**: *Odontomachus haematodes* (Linnaeus) [Gahan1940, Clause1941].

CITATIONS: Clause1940b [host record, Lhi]; Clause1941 [host record]; Heraty2002 [Tct]; Krombe1981 [Lmf]; Narend1986 [Tct].

DISTRIBUTION: **Oriental**: India (Kerala [Heraty2002]); Sri Lanka [Krombe1981, Heraty2002].

KEYS: Hedqvist 1978: 242].

Chalcura elongata (Girault)

Epimetegea bunyae elongata Girault, 1940[459]: 324. Type data: Australia: Queensland, [Lamington] National Park. Unknown type status female, type designation unknown. Type depository: Brisbane: Queensland Museum, Queensland, Australia. Notes: Probably different from *bunyae* (Boucek, 1988). Filed notes: Type notes II-37?

Epimetegea bunyae elongata; Dahms, 1983: 157.

Chalcura elongata; Boucek, 1988: 529. Change of combination.

Epimetegea bunnyae elongata; Boucek, 1988: 529. Misspelling of species name.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1940459]).

Chalcura hemiglabra (Girault)

Epimetegea hemiglabra(!) Girault, 1940[459]: 325. Type data: Australia: New South Wales, Yass.

Holotype female, by original designation. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: female. Filed notes: Type notes II-58.

Epimetegea hemiglabra; Dahms, 1984: 685.

Chalcura hemiglabra; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Giraul1940459]).

Chalcura hyalina (Girault)

Chalcurelloides hyalinus Girault, 1913[156]: 46-47. Type data: Australia: Queensland, Gordonvale (Nelson). Holotype male, by original designation. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. Hy.1495. Described: male. Notes: Near to *turneri* (Boucek, 1988). Filed notes: Type notes II-32.

Chalcurelloides hyalinus; Girault, 1915[241]: 237. Described: male. Subsequent description. Notes: Description repeated.

Rhipipallus hyalinus; Hedqvist, 1978: 244. Change of combination.

Chalcurelloides hyalinus; Dahms, 1984: 704.

Chalcura hyalina; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1913156]).

Chalcura maculata (Watanabe)

Parachalcura maculata Watanabe, 1958: 33. Type data: Marshal Islands: Cardine Island. Holotype male, by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. E4016. Illust. Filed notes: Type notes II-3.

Rhipipallus maculatus; Hedqvist, 1978: 244. Change of combination.

Chalcura maculata; Heraty, 2000. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Marshall Islands [Watana1958, Heraty2002].

Chalcura magnifica (Girault)

Astilbula magnifica Girault, 1913[175]: 96-97. Type data: Australia: New South Wales. Holotype female (examined), by original designation. Type depository: Adelaide: South Australian Museum, South Australia, Australia; type no. I.1287. Described: female. Filed notes: Type notes II-77.

Epimetegea magnifica; Girault, 1915[241]: 227. Described: female. Change of combination.

Epimetegea magnifica; Girault, 1929[431]: 334. Described: female. Subsequent description. Notes: Additional specimen (South Australia, Mount Lofty).

Epimetegea magnifica; Hedqvist, 1978: 243.

Astilbula magnifica; Dahms, 1984: 785.

Chalcura magnifica; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (South Australia).

Chalcura maximovichi (Girault)

Epimetegea maximovichi Girault, 1936[447]: 3[324]. Type data: Australia: New South Wales.

Holotype female, type designation unknown. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: female. Notes: Probably same as *nigricyanea* (Boucek, 1988). [Check type designation in Boucek] Filed notes: Type notes II-59.

Epimetegea maximovichi; Dahms, 1984: 799-800.

Chalcura maximovichi; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Giraul1936447]).

Chalcura monilicornis (Girault)

Epimetegea monilicornis Girault, 1940[459]: 325. Type data: Australia: South Australia. Syntypes, female (examined). Type depository: Adelaide: South Australian Museum, South Australia, Australia. Described: female. Notes: Close to *affinis* or a *Parapsilogastrus* (Boucek, 1988). Filed notes: Type notes II-79.

Epimetegea monilicornis; Dahms, 1984: 830.

Chalcura monilicornis; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (South Australia [Giraul1940459]).

Chalcura nigricyanea (Girault)

Chalcurella nigricyanea Girault, 1913[175]: 94. Type data: Australia: Tasmania. Holotype male, by original designation. Type depository: Adelaide: South Australian Museum, South Australia, Australia; type no. I.1282. Described: male. Filed notes: Type notes II-75.

Chalcurella nigricyanea; Girault, 1915[241]: 231. Described: male. Subsequent description. Notes: Description repeated.

Rhipipallus nigrocyaneus; Hedqvist, 1978: 244. Change of combination.

Chalcurella nigricyanea; Dahms, 1986: 336.

Chalcura nigricyanea; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Tasmania [Giraul1913175, Heraty2002]).

Chalcura orientalis (Girault)

Chalcuroidella orientalis Girault, 1913[159]: 100-101. Type data: Australia: Queensland, Gordonvale. Syntypes. Type depository: Brisbane: Queensland Museum, Queensland, Australia.

Described: male. Filed notes: Type notes II-32.

Chalcuroidella orientalis; Girault, 1915[241]: 236. Described: male. Subsequent description. Notes: Description repeated.

Rhipipallus orientalis; Hedqvist, 1978: 244. Change of combination.

Chalcuroidella orientalis; Dahms, 1986: 371.

Chalcura orientalis; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1913159]).

Chalcura partiglabra (Girault)

Psilogaster partiglabra Girault, 1926[399]: 131. Type data: Australia: Queensland, Brisbane.

Holotype female, by original designation. Type depository: Brisbane: Queensland Museum,

Queensland, Australia; type no. T.9424. Described: female. Filed notes: Type notes II-47.

Psilogaster partiglabra; Dahms, 1986: 384.

Chalcura partiglabra; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1926399]).

Chalcura peterseni (Hedqvist)

Rhipipallus peterseni Hedqvist, 1978: 244. Type data: Papua New Guinea: Bismarck Is., New Britain,

Yalom. Holotype female, by original designation. Type depository: Copenhagen: Zoological

Museum, University of Copenhagen, Dept. Ent., Denmark. Described: both sexes. Illust. Filed notes: Type notes 4: 9.

Chalcura peterseni; Boucek, 1988: 529. Change of combination. Notes: Close to or same as *cameroni*.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Papua New Guinea.

Chalcura polita (Girault)

Epimetegea polita Girault, 1915[241]: 228. Type data: Australia: Queensland, Brisbane. Syntypes.

Type depository: Brisbane: Queensland Museum, Queensland, Australia. Described: female. Filed notes: Type notes II-39 (not type?).

Epimetegea polita varia Girault, 1940[459]: 324. Type data: Australia: Queensland, Indooroopilly.

Syntypes. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no.

T.9473. Described: female. Synonymy by Boucek, 1988: 529. Notes: Probably [!] same as *polita* (Boucek, 1988).

Epimetegea polita; Dahms, 1986: 421.

Epimetegea polita varia; Dahms, 1986: 422.

Chalcura polita; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1915241]).

Chalcura purpura (Girault)

Astilbula purpura Girault, 1913[175]: 97. Type data: Australia: Queensland, Cairns. Holotype male, by original designation. Type depository: Adelaide: South Australian Museum, South Australia,

Australia; type no. I.1288. Described: male. Filed notes: Type notes II-78.

Epimetegea purpureicorpus; Girault, 1915[241]: 227. Described: female. Change of combination and replacement name. Notes: Unnecessarily renamed, thought to be homonomous with *purpurea*.

Epimetegea purpura; Hedqvist, 1978: 243. Change of combination.

Chalcura purpura; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1913175]).

Chalcura ramosa (Girault)

Parachalcura ramosa Girault, 1940[459]: 324. Type data: Australia: Queensland, Ayr. Syntypes.
Type depository: Brisbane: Queensland Museum, Queensland, Australia. Described: male. Filed notes: Type notes II-45.

Rhipipallus ramosus; Hedqvist, 1978: 244. Change of combination.

Parachalcura ramosa; Dahms, 1986: 464.

Chalcura ramosa; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1940459]).

Chalcura rufiventris (Walker)

Eucharis rufiventris Walker, 1862: 378. Type data: Australia. Lectotype female, by subsequent designation Boucek, 1988: 529. Type depository: Natural History Museum, London ; type no. 5.614. Described: female. Filed notes: Type notes III-75.

Chalcura rufiventris; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia [Walker1862].

Chalcura samoana Fullaway

Chalcura samoana Fullaway, 1939: 404. Type data: Samoa. Unknown type status. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA. Filed notes: Type notes II-1 (paratype).

CITATIONS: Heraty2002 [Tct]; Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Western Samoa [Fullaw1939, Heraty2002].

KEYS: Hedqvist 1978: 242].

Chalcura sanguiventris (Girault)

Epimetagea sanguiventris Girault, 1929[431]: 334. Type data: Australia: South Australia, Mt Lofty. Holotype female, by original designation. Type depository: Adelaide: South Australian Museum, South Australia, Australia. Described: female. Filed notes: Type notes II-76.

Epimetagea sanguiventris oji Girault, 1940[459]: 325. Type data: Australia: Northern Territory, Daly River. Holotype female, by original designation. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: female.
Synonymy by Boucek, 1988: 529.

Epimetagea sanguiventris; Dahms, 1986: 502-503.

Epimetagea sanguiventris oji; Dahms, 1986: 503.

Chalcura sanguiventris; Boucek, 1988: 529. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (South Australia [Giraul1929431]).

Chalcura turneri (Kirby)

Rhipipallus (?) turneri Kirby, 1894: 47. Type data: Australia: Queensland, Mackay. Lectotype female, by subsequent designation Boucek, 1988: 530. Type depository: Natural History Museum, London ; type no. 5.375. Filed notes: Type notes III-74.

Arhipipallus turneri; Girault, 1936[447]: 3[324]. Change of combination.

Rhipipallus turneri; Hedqvist, 1978: 224. Change of combination.

Chalcura turneri; Boucek, 1988: 530. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Kirby1894]).

Chalcura upeensis Fullaway

Chalcura upeensis Fullaway, 1913: 285. Type data: Caroline Is., Mariana Is. Unknown type status.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Palau.

KEYS: Hedqvist 1978: 242].

Chalcura volusus (Walker)

Eucharis volusus; Haliday in Walker, 1839: 9. Notes: English supplement added to original Latin description of Walker.

Eucharis volusus Walker, 1839: 9-10. Type data: Australia: West Australia, King George's Sound.

Lectotype male, by subsequent designation Boucek, 1988: 530. Type depository: Natural History Museum, London ; type no. 5.621. Described: male. Filed notes: Type notes III-12.

Eucharis volusus; Walker, 1841: pl.P. Illust.

Stilbula volusus; Walker, 1871: 65. Change of combination.

Eucharis volusus; Westwood, 1874: 151, pl.28, f.13. Illust.

Rhipipallus volusus; Kirby, 1886: 31. Change of combination.

Chalcura volusus; Baltazar, 1961: 394. Described: male. Change of combination.

Rhipipallus volusus; Hedqvist, 1978: 245. Misspelling of species name.

Chalcura volusus; Boucek, 1988: 530. Change of combination.

CITATIONS: Heraty2002 [Tct]; Walker1846 [Tct].

DISTRIBUTION: **Australasian**: Australia (Western Australia [Walker1839]).

Cherianella Narendran

Cherianella Narendran, 1994: 94-95. Type species: *Cherianella narayani* Narendran, by original designation.

Cherianella; Heraty, 2002: 113-115. Subsequent description.

KEYS: Heraty 2002: 115-116].

Cherianella longispina (Risbec) new combination

Sacharissa longispina Risbec, 1951a: 379-380. Type data: Senegal: Bambey. Syntypes, male (examined). Type depository: Paris: Museum National d'Histoire naturelle, France. Described: male. Illust. Filed notes: Type notes III-109, IV-45.

DISTRIBUTION: **Afrotropical**: Senegal [Risbec1951a].

Cherianella narayani Narendran

Cherianella narayani Narendran, 1994: 95-96. Type data: India: Tamil Nadu, Pambukurichi.

Holotype female, by original designation. Type depository: Calcutta: National Zoological Collection, Zoological Survey of India, India. Described: female. Illust.

Cherianella narayani; Heraty, 2002: 116-117. Subsequent description.

DISTRIBUTION: **Oriental**: India (Tamil Nadu [Narend1994]); Sri Lanka [Heraty2002].

Cherianella rachuella Heraty

Cherianella rachuella Heraty, 2002: 117-118. Type data: Zimbabwe: Salisbury. Holotype male (examined), by original designation. Type depository: Natural History Museum, London . Described: male. Illust.

DISTRIBUTION: **Afrotropical**: Zimbabwe [Heraty2002].

Cherianella rudis Heraty

Cherianella rudis Heraty, 2002: 118-119. Type data: Nigeria: Zaria, Samaru. Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: both sexes. Illust.

DISTRIBUTION: **Afrotropical**: Nigeria [Heraty2002].

Cherianella subtilis Heraty

Cherianella subtilis Heraty, 2002: 120. Type data: Gambia: Bakau. Holotype male (examined), by original designation. Type depository: Natural History Museum, London . Described: male. Illust.

DISTRIBUTION: **Afrotropical**: Gambia [Heraty2002].

Cherianella viridis (Risbec) new combination

Sacharissa viridis Risbec, 1951: 1128. Type data: Senegal. Holotype male (examined), by monotypy.

Type depository: Paris: Museum National d'Histoire naturelle, France. Described: male. Notes:

Body mounted under 2 coverslips. Filed notes: Type notes III-108.

DISTRIBUTION: **Afrotropical**: Nigeria [Heraty2002]. **Afrotropical**: Senegal [Risbec1951b].

Colocharis Heraty

Colocharis Heraty, 2002: 121-123. Type species: *Colocharis elongata* Heraty, by original designation.

Colocharis elongata Heraty

Colocharis elongata Heraty, 2002: 123-124. Type data: Venezuela: Aragua, Rancho Grande N.P. Holotype female (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada. Described: both sexes. Illust.

DISTRIBUTION: **Neotropical**: Venezuela [Heraty2002].

Colocharis napoana Heraty

Colocharis napoana Heraty, 2002: 124-125. Type data: Ecuador: Napo, Res. Ethnica Waorani. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA. Described: both sexes. Illust.

DISTRIBUTION: **Neotropical**: Ecuador [Heraty2002].

Cyneucharis Heraty

Cyneucharis Heraty, 2002: 125-127. Type species: *Cyneucharis gladiator* Heraty, by original designation.

Cyneucharis gladiator Heraty

Cyneucharis gladiator Heraty, 2002: 127-128. Type data: Tanzania: Bukoba, Victoria. Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: both sexes. Illust.

DISTRIBUTION: **Afrotropical**: Tanzania [Heraty2002]; Uganda [Heraty2002].

Dicoelothorax Ashmead

Dicoelothorax Ashmead, 1899[157]: 240, 242. Type species: *Dicoelothorax flavicornis* Walker. Subsequently designated by Ashmead, 1904[238]: 470.

Dicoelothorax; Ashmead, 1904[238]: 264, 270, 470. Subsequent description.

Dicoelothorax; Heraty, 2002: 128-130. Subsequent description.

CITATIONS: Ashmea1899157 [Tkg;]; Ashmea1904238 [Tkg].

Dicoelothorax parviceps Cameron

Dicoelothorax parviceps Cameron, 1913: 117-118. Type data: Guyana. Syntypes, female (examined). Type depository: Natural History Museum, London . Described: female. Filed notes: Type notes III-100.

CITATIONS: DeSant1973 [Rre, Tct]; Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil [DeSant1973]; Colombia [Heraty2002]; Guyana [Cameron1913].

Dicoelothorax platycerus Ashmead

Dicoelothorax platycerus Ashmead, 1904[238]: 470-471. Type data: Brazil: Santarem. Syntypes.

Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA. Described: both sexes. Illust.

CITATIONS: DeSant1950 [Rre, Tct]; Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Argentina [DeSant1973]; Brazil [Ashmea1904238].

Dilocantha Shipp

Dilocantha Shipp, 1894: 188. Type species: *Thoracantha flavicornis* Walker, by original designation.

Dilocantha; Ashmead, 1904[238]: 268, 270 (key).

Dilocantha; Heraty, 1998: 74-76. Subsequent description.

Dilocantha; Heraty, 2002: 131-132. Subsequent description.

CITATIONS: Ashmea1899157 [Tkg;]; Ashmea1904238 [Tkg]; Darlin1988 [Sae].

KEYS: Heraty 1998: 77 (adult).

Dilocantha albicoma Heraty

Dilocantha albicoma Heraty, 1998: 77-79. Type data: Mexico: Campeche, 4 mi E Francisco Escarcega. Holotype female (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Guatemala [Heraty1998]; Honduras [Heraty1998]; Mexico (Campeche [Heraty1998]).

Dilocantha bennetti Heraty

Dilocantha bennetti Heraty, 1998: 79-80. Type data: Trinidad: Curepe. Holotype female (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Trinidad and Tobago (Tobago [Heraty1998], Trinidad [Heraty1998]).

Dilocantha flavicornis (Walker)

Thoracantha flavicornis Walker, 1862: 382. Type data: Brazil: Villa Nova. Holotype female (examined), by monotypy. Type depository: Natural History Museum, London ; type no. 5.630. Described: female. Filed notes: Type notes III-12.

Schizaspidia flavicornis; Walker, 1871: 66. Change of combination.

Thoracantha flavicornis; Westwood, 1874: 153. Illust. Subsequent description.

Dilocantha flavicornis; Shipp, 1894: 188. Change of combination.

Dilocantha flavicornis; Heraty, 1998: 80-83. Described: both sexes. Illust. Subsequent description.

CITATIONS: Ashmea1904238 [Tct]; Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil [Walker1862] (Paraá [Heraty1998], Rio Grande do Norte [Heraty1998], Rio de Janeiro [Heraty1998]).

Dilocantha lachaudii Heraty

Dilocantha lachaudii Heraty, 1998: 83-84. Type data: Mexico: Chiapas, Finca Santa Elena. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA. Described: both sexes. Illust. Notes: Paratype male (USNM) from same locality not included in the original description. An additional female (headless) is in the UCR collection.

ASSOCIATIONS: Foe - FORMICIDAE **Ponerinae**: *Ectatomma tuberculatum* (Olivier) [Heraty1998].

CITATIONS: Heraty1998 [description-Immatures, illustration-immature]; Heraty2002 [Tct]; Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Mexico (Chiapas [Heraty1998]).

Dilocantha serrata Heraty

Dilocantha serrata Heraty, 1998: 84-86. Type data: Costa Rica: Heredia, La Selva. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA. Described: both sexes. Illust.

DISTRIBUTION: **Neotropical**: Costa Rica [Heraty2002]; Panama [Heraty2002].

Eucharis Latreille

Eucharis Latreille, 1804: 175. Type species: *Cynips adscendens* Fabricius, by monotypy.

Eucharis; Latreille, 1805: 210. Subsequent description.

Eucharis; Fabricius, 1805: 157. Subsequent description. Notes: Probably meant to be the original description. In the Systema Piezatorum, the date at the end of the first chapter reads "Liliae, d.10.Martii 1804". Publication date mreo likely to be 1805 (Richards 1935; Neave 1939). Filed notes: Palpi quatuor haud exfert. Antennae breves, crasfae, moniliformes.

Eucharis; Blanchard, 1840: 256-257. Subsequent description.

Psilogaster Blanchard, 1840: 260. Type species: *Psilogaster cupreus* Blanchard, by monotypy.

Synonymy by Ghesquière, 1946: 368. Homonym of *Psilogaster* R.L., 1817. Notes: Treated as

Eucharis (*Eucharisca*) by Boucek (1956a), but after reevaluating the types, the nine species were

placed separately under *Psilogastrellus* (Boucek 1977). Now treated as *Eucharis* (*Psilogastrellus*) (Heraty 2001).

Eucharis; Brullé, 1846: 571-572. Subsequent description.

Eucharis; Ashmead, 1888[45]: 186 (in key).

Psilogaster; Ashmead, 1888[45]: 187 (in key).

Eucharis; Ashmead, 1904[238]: 267,269 (key).

Psilogaster; Ashmead, 1904[238]: 267, 269 (key).

Chalcurella Gussakovskii, 1940: 155. Type species: *Chalcurella bedeli* Cameron, by original designation. Synonymy by Boucek, 1956a: 257. Homonym of *Chalcurella* Girault 1913.

Psilogastrellus Ghesquière, 1946: 368. Notes: Replacement name for *Psilogaster* Blanchard 1840.

Synonymy and placement as a subgenus of *Eucharis* by Heraty (2001).

Eucharis (*Eucharis*); Boucek, 1956: 252. Change of status. Notes: By inference through establishment of *Eucharis* (*Pachyeucharis*) and *Eucharis* (*Eucharisca*) (Boucek 1956a).

Eucharis (*Eucharisca*) Boucek, 1956a: 257-258. Replacement name for *Chalcurella* Gussakovskii.

Eucharis (*Pachyeucharis*) Boucek, 1956a: 251-253. Type species: *Eucharis punctata* Forster, by original designation. Synonymy by Boucek, 1977: 124. Notes: Unnecessary new name.

Psilogastrellus; Boucek, 1977: 124. Subsequent description. Notes: New status based on reexamination of type material.

Eucharis; Heraty, 2002: 133-136. Subsequent description.

Eucharis (*Eucharis*); Heraty, 2002: 137. Subsequent description.

Eucharis (*Eucharisca*); Heraty, 2002: 142. Subsequent description.

Eucharis (*Psilogastrellus*); Heraty, 2002: 143-144. Revived status.

***Eucharis globosa* Radoszkowsky**

Eucharis globosa Radoszkowsky, 1873: 193. Type data: Surmali [Somalia?]; Erivan. Syntypes, female, by **present designation**. Type depository: LOST?. Described: female.

Eucharis globosa; Schulz, 1906: 149. Subsequent description. Notes: Type lost; reprinting of description with comment that cannot be placed by description (Schulz, 1906).

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Somalia [Radosz1873].

***Eucharis* sp.1**

Chalcurella sp.1 Wasmann, 1894: 168. Notes: Host record only, probably *Eucharis*.

Eucharis sp.1 Heraty, 2000.

ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Formica rufa* L. [Wasman1894].

CITATIONS: Wasman1894 [host record].

DISTRIBUTION: **Afrotropical**: Europa Island [Wasman1894].

***Eucharis* (*Eucharis*) Latreille**

Eucharis Latreille, 1804: 175. Type species: *Cynips adscendens* Fabricius, by monotypy.

Eucharis; Latreille, 1805: 210. Subsequent description.

Eucharis; Fabricius, 1805: 157. Subsequent description. Notes: Probably meant to be the original description. In the *Systema Piezatorum*, the date at the end of the first chapter reads "Liliae, d.10.Martii 1804". Publication date mreo likely to be 1805 (Richards 1935; Neave 1939). Filed notes: Palpi quatuor haud exferti. Antennae breves, crasfae, moniliformes.

Eucharis; Blanchard, 1840: 256-257. Subsequent description.

Eucharis; Brullé, 1846: 571-572. Subsequent description.

Eucharis; Ashmead, 1888[45]: 186 (in key).

Eucharis; Ashmead, 1904[238]: 267,269 (key).

Eucharis (*Eucharis*); Boucek, 1956: 252. Change of status. Notes: By inference through establishment of *Eucharis* (*Pachyeucharis*) and *Eucharis* (*Eucharisca*) (Boucek 1956a).

Eucharis (*Eucharis*); Heraty, 2002: 137. Subsequent description.

CITATIONS: Andrie1968 [Tre]; Ashmea188845 [Tke, Tre]; Ashmea1899157 [Tkg];

Ashmea1904238 [Tkg]; PeckBoHo1964 [Tkg].

KEYS: Nikolskaya 1952: 204-210 (adult) [Palearctic]; Gussakovsky 1940: 151-155 (adult) [Palearctic region.]; Ruschka 1924: 83 (adult)].

Eucharis (Eucharis) adscendens (Fabricius)

Cynips adscendens Fabricius, 1787: 251. Type data: Europa centr. et mer. Syntypes, female (examined). Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark. Described: both sexes. Filed notes: Type notes IV: 1.

Eucharis adscendens; Fabricius, 1805: 157. Change of combination.

Eucharis adscendens; Latreille, 1805: 210.

Eucharis ascendens; Latreille, 1807: 20-21. Misspelling of species name.

Eucharis adscendens; Blanchard, 1840: 257. Subsequent description.

Eucharis kollari Förster, 1859: 91-92. Type data: Austria. Syntypes, male (examined). Type depository: Vienna: Naturhistorisches Museum Wien, Austria. Described: male. Synonymy by Ruschka, 1924: 84. Notes: Types are labelled as female, but are male

Eucharis ascendens; Ruschka, 1924: 84. Described: both sexes. Illust. Misspelling of species name.

Eucharis adscendens; Andriescu, 1968: 228-229. Described: male. Illust. Subsequent description.

Eucharis adscendens; Boucek, 1977: 60.

ASSOCIATIONS: Hosts - FORMICIDAE **Formicinae**: *Formica rufa* L.? [Boucek1956b]. **Ponerinae**: *Messor barbarus* Linneaus? [Fahrin1922, FahrinTö1912, Ruschk1924].

CITATIONS: Andrie1968 [Lhi]; Boucek1956b [Dim, Iim, Bov]; Boucek1977 [Rre]; Domeni1953 [morphology, ill]; Fabric1805anatomy; Heraty2002 [Tct]; Panzer1796anatomy; Walker1846 [Tct].

DISTRIBUTION: **Palaeartic**: Austria [Foerst1859]; Czechoslovakia [Boucek1956b]; Romania [Andrie1968]; Yugoslavia (Bosnia Hercegovina [Boucek1977], Croatia [Boucek1977]).

KEYS: Andriescu 1968: 239-240 (adult) [Romania].

Eucharis (Eucharis) alashanica Gussakovskii

Eucharis alashanica Gussakovskii, 1940: 164. Type data: China: Northern Alashan Provice, Dyn-Yuan'_In. Syntypes, male. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: male. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: China [Gussak1940].

Eucharis (Eucharis) alticola Gussakovskii

Eucharis alticola Gussakovskii, 1940: 167. Type data: Tadjikista: Pamir, Roga; Kyrgystan: Ferganskij Khrebet (Fergua Mountain Range), Aslanbob. Syntypes, both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Kyrgyzstan (=Kirgizia) [Gussak1940]; Tajikistan (=Tadzhikistan) [Gussak1940].

Eucharis (Eucharis) atrocyanea Gussakovskii

Eucharis atrocyanea Gussakovskii, 1940: 162. Type data: Uzbekistan: Yori in Zeravshau mountains east of Samarkand; west slope of Tokhta-Karacha Pass, 1500m. Syntypes, both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Uzbekistan [Gussak1940].

Eucharis (Eucharis) borceai Andriescu

Eucharis (Eucharis) borcea Andriescu, 1968: 229-232. Type data: Romania: Basarabi Dobrogea. Holotype male, by original designation. Described: male. Illust. Notes: Holotype in authors collection.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Romania.

KEYS: Andriescu 1968: 240 (adult) [Romania].

Eucharis (Eucharis) carnifera Gussakovskii

Eucharis carnifera Gussakovskii, 1940: 163. Type data: Uzbekistan: Tashkent; Uz: Zeravashan District, Saray-Lylailik; Western Kazakstan: Inder Lake; Iran: Shaku; Armenia: Parakar. Syntypes,

both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: fossil. Illust.

Eucharis carnifera; Boucek, 1977: 60.

CITATIONS: Andrie1968 [Tre]; Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Iran [Boucek1977]; Ukraine [Boucek1977]; Uzbekistan [Gussak1940].

Eucharis (Eucharis) casca Fernando

Eucharis casca Fernando, 1957: 211. Type data: Sri Lanka [Ceylon]: near Kuda Oya (Wellawaya division). Unknown type status. Type depository: UNCA.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Sri Lanka [Fernan1957].

Eucharis (Eucharis) cassius Fernando

Eucharis cassius Fernando, 1957: 211. Type data: Sri Lanka [Ceylon]: Mundel (North Western Province. Syntypes, both sexes. Type depository: CMAS. Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Sri Lanka [Fernan1957].

Eucharis (Eucharis) compressa Fabricius

Eucharis compressa Fabricius, 1804: 157. Type data: Italy. Unknown type status. Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark.

DISTRIBUTION: **Palaeartic**: Italy [Fabric1805].

Eucharis (Eucharis) cyanella Gussakovskii

Eucharis cyanella Gussakovskii, 1940: 168. Type data: Turkmenistan: Iman-Baba Railway Station, S. of Menv [=Mary]. Syntypes, female. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: female.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Turkmenistan [Gussak1940].

Eucharis (Eucharis) diaphana Gussakovskii

Eucharis diaphana Gussakovskii, 1940: 151. Type data: [Turkmenistan] Ashichabad [=Ashgabat] and Russia: Stravropol Region, Zimniaya Stavka, sands at delta of Kuma River. Syntypes, female. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Russia [Gussak1940]; Turkmenistan [Gussak1940].

Eucharis (Eucharis) dimidiata Gussakovskii

Eucharis dimidiata Gussakovskii, 1940: 162. Type data: Central Asia: Kazakhstan: Ojuleki; Tadjikstan: Kurgan-Tyube; Tadjikstan: Stalinibad (=Bishkek). Syntypes, female. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: female.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Kazakhstan [Gussak1940]; Tajikistan (=Tadzhikistan) [Gussak1940].

Eucharis (Eucharis) dobrogica Andriescu

Eucharis (Eucharis) dobrogica Andriescu, 1968: 232-234. Type data: Romania: Camaraua Fetei (Dobrudscha). Holotype male, by original designation. Described: male. Illust. Notes: Type in Andriescu collection.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Romania [Andrie1968].

Eucharis (Eucharis) esakii Ishii

Eucharis esakii Ishii, 1938: 195. Type data: Japan: Kyushu: Sobiosan; Honshu: Tokyo, Fuchu;

Chosen: Suigen. Syntypes, both sexes. Type depository: KUEC. Described: both sexes. Illust.

Eucharis scutellaris Gahan, 1940: 425-427. Type data: Korea: Suigen, Chosen. Holotype female, by

original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 53548. Described: both sexes. Synonymy by Watanabe, 1950: 64.

Eucharis esakii; Yasumatsu, 1961: 67-68. Described: male. Subsequent description.

ASSOCIATIONS: Hosts - FORMICIDAE **Formicinae**: *Formica* sp. [Gahan1940], *Formica Fusca japonica* Mots. [Clause1941].

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Japan [Ishii1938].

Eucharis (Eucharis) gussakovskii Nikolskaya

Eucharis gussakovskii Nikolskaya, 1952: 207 [210 engl]. Type data: S. Europe; Russia; W.

Kazakhstan. Syntypes, female. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: female.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Europa Island [Nikols1952]; Kazakhstan [Nikols1952].

Eucharis (Eucharis) hissariensis Gussakovskii

Eucharis hissariensis Gussakovskii, 1940: 162. Type data: Central Asia: Tadjikistan, Zevar (southern range of Gissar Mountains, 2000m). Holotype male, by monotypy. Type depository: St.

Petersberg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: male.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Tadjikistan (=Tadzhikistan) [Gussak1940].

Eucharis (Eucharis) hyalina Gussakovskii

Eucharis hyalina Gussakovskii, 1940: 160. Type data: Mongolia: River Etzin-Gol, Gobi. Syntypes, female. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Mongolia [Gussak1940].

Eucharis (Eucharis) leviceps Cameron

Eucharis leviceps Cameron, 1909b: 232. Type data: Borneo. Syntypes, male. Type depository: Natural History Museum, London. Described: male. Notes: Types not found, may be lost.

Probably not *Eucharis*.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Malaysia (Sarawak [Cameron1909b]).

Eucharis (Eucharis) marani Boucek

Eucharis marani Boucek, 1955: 329-330. Type data: Bulgaria: Petric [Balkan Peninsula]. Holotype female, by original designation. Type depository: Prague: National Museum (Natural History),

Dept. Ent., Czechoslovakia; type no. 3069. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Bulgaria [Boucek1955].

Eucharis (Eucharis) melantheus Fernando

Eucharis melantheus Fernando, 1957: 210. Type data: Sri Lanka [Ceylon]: near Vakanin Tank (Eastern Province). Syntypes, female. Type depository: CNMS. Described: female. Notes:

Probably not *Eucharis*.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Sri Lanka [Fernan1957].

Eucharis (Eucharis) nana Gussakovskii

Eucharis nana Gussakovskii, 1940: 167. Type data: Russia: Daghestan, Buynaksk. Holotype male, by monotypy. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: male. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Russia [Gussak1940].

Eucharis (Eucharis) parvula Gussakovskii

Eucharis parvula Gussakovskii, 1940: 166. Type data: Kazakhstan: Temir District, Dzalinda; Kz: Kuzuha-Tugay. Syntypes, both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Kazakhstan [Gussak1940].

Eucharis (Eucharis) przhevalskii Gussakovskii

Eucharis przhevalskii Gussakovskii, 1940: 163. Type data: Mongolia: Odros, Khuau-Khe River; Mo: from Kulustay Post to Dolon-nor Lake; Russia: southern Transbaikalia, Dureny, E. of Triotsavsk. Syntypes, both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: both sexes. Illust. Filed notes: Tax. note: female with cordate petiole.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Mongolia [Gussak1940]. **Palaeartic**: Russia [Gussak1940].

Eucharis (Eucharis) pusilla Nikolskaya

Eucharis pusilla Nikolskaya, 1952: 207 [210 eng]. Type data: Tajikistan. Syntypes, both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Tajikistan (=Tadzhikistan) [Gussak1940].

Eucharis (Eucharis) reticulata Ruschka

Eucharis reticulata Ruschka, 1924: 86. Type data: Caucasus, Hungary. Holotype female, by monotypy. Type depository: Vienna: Naturhistorisches Museum Wien, Austria. Described: female. Filed notes: Type notes IV: 37.

Eucharis reticulata; Erdös, 1955: 285. Described: male. Subsequent description.

CITATIONS: Heraty2002 [Tct]; Tudor1971 [Rre].

DISTRIBUTION: **Afrotropical**: Europa Island [Ruschk1924]. **Afrotropical**: Europa Island [Ruschk1924]; Hungary [Ruschk1924]; Turkey [Tudor1971].

Eucharis (Eucharis) ruficornis Gussakovskii

Eucharis ruficornis Gussakovskii, 1940: 164. Type data: Western Pamir: Darvaz [Darvazskiy?], Togmay Village, 1940m. Holotype female, by monotypy. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Pamirs [Gussak1940].

Eucharis (Eucharis) rugulosa Gussakovskii

Eucharis rugulosa Gussakovskii, 1940: 165. Type data: Russia: Sarepta and Ukraine: Crimea, Sudak. Syntypes, both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Russia [Gussak1940]; Ukraine [Gussak1940].

Eucharis (Eucharis) scylla Nikolskaya

Eucharis scylla Nikolskaya, 1952: 205. Type data: Tajikistan. Syntypes, both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Tajikistan (=Tadzhikistan)? [Gussak1940].

Eucharis (Eucharis) shestakovi Gussakovskii

Eucharis shestakovi Gussakovskii, 1940: 160. Type data: Russia (southeastern): Sarepta. Holotype female, by monotypy. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: female.

Eucharis (Eucharisca) shestakovi; Andriescu, 1968: 234-238. Described: both sexes. Illust. Subsequent description.

ASSOCIATIONS: Host - FORMICIDAE **Ponerinae**: *Messor structor* Latr.? [Andrie1968].

CITATIONS: Boucek1977 [Rre]; Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Hungary [Ruschka1924, Boucek1977]; Romania [Andrie1968]; Yugoslavia (Croatia [Boucek1977]).

KEYS: Andriescu 1968: 240 (adult) [Romania].

Eucharis (Eucharis) specularis Ruschka

Eucharis specularis Ruschka, 1924: 84-85. Type data: Asia minor. Holotype male, by monotypy.

Type depository: Vienna: Naturhistorisches Museum Wien, Austria. Described: male.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: asia [Gussak1940].

Eucharis (Eucharis) turanica Gusakovskii

Eucharis turanica Gusakovskii, 1940: 165. Type data: Kazakstan: Golodnaya Seppe; Kz:

Syrdar'inskaya Railway Station; Uzbekistan: Kammashi Railway Station of Kitabor Kitabskiy Railroad. Syntypes, both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Kazakhstan [Gussak1940]; Uzbekistan [Gussak1940].

Eucharis (Eucharis) turca Nikol'skaya

Eucharis turca Nikol'skaya, 1952: 204. Type data: Asia minor. Syntypes, male. Type depository: St.

Petersberg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: male.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: asia [Gussak1940].

Eucharis (Eucharis) Latreille

Eucharis Latreille, 1804: 175. Type species: *Cynips adscendens* Fabricius, by monotypy.

Eucharis; Latreille, 1805: 210. Subsequent description.

Eucharis; Fabricius, 1805: 157. Subsequent description. Notes: Probably meant to be the original description. In the Systema Piezatorum, the date at the end of the first chapter reads "Liliae, d.10.Martii 1804". Publication date mreo likely to be 1805 (Richards 1935; Neave 1939). Filed notes: Palpi quatuor haud exfert. Antennae breves, crasfae, moniliformes.

Eucharis; Blanchard, 1840: 256-257. Subsequent description.

Eucharis; Brullé, 1846: 571-572. Subsequent description.

Eucharis; Ashmead, 1888[45]: 186 (in key).

Eucharis; Ashmead, 1904[238]: 267,269 (key).

Eucharis (Eucharis); Boucek, 1956: 252. Change of status. Notes: By inference through establishment of *Eucharis (Pachyeucharis)* and *Eucharis (Eucharisca)* (Boucek 1956a).

Eucharis (Eucharis); Heraty, 2002: 137. Subsequent description.

CITATIONS: Andrie1968 [Tre]; Ashmea188845 [Tke, Tre]; Ashmea1899157 [Tkg];

Ashmea1904238 [Tkg]; PeckBoHo1964 [Tkg].

KEYS: Nikolskaya 1952: 204-210 (adult) [Palaeartic]; Gussakovsky 1940: 151-155 (adult) [Palaeartic region.]; Ruschka 1924: 83 (adult)].

Eucharis (Eucharis) adscendens (Fabricius)

Cynips adscendens Fabricius, 1787: 251. Type data: Europa centr. et mer. Syntypes, female (examined). Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept.

Ent., Denmark. Described: both sexes. Filed notes: Type notes IV: 1.

Eucharis adscendens; Fabricius, 1805: 157. Change of combination.

Eucharis adscendens; Latreille, 1805: 210.

Eucharis ascendens; Latreille, 1807: 20-21. Misspelling of species name.

Eucharis adscendens; Blanchard, 1840: 257. Subsequent description.

Eucharis kollari Förster, 1859: 91-92. Type data: Austria. Syntypes, male (examined). Type depository: Vienna: Naturhistorisches Museum Wien, Austria. Described: male. Synonymy by Ruschka, 1924: 84. Notes: Types are labelled as female, but are male

Eucharis ascendens; Ruschka, 1924: 84. Described: both sexes. Illust. Misspelling of species name.
Eucharis adscendens; Andriescu, 1968: 228-229. Described: male. Illust. Subsequent description.
Eucharis adscendens; Boucek, 1977: 60.

ASSOCIATIONS: Hosts - FORMICIDAE **Formicinae**: *Formica rufa* L.? [Boucek1956b]. **Ponerinae**:
Messor barbarus Linneaus? [Fahrin1922, FahrinTö1912, Ruschk1924].

CITATIONS: Andrie1968 [Lhi]; Boucek1956b [Dim, Iim, Bov]; Boucek1977 [Rre]; Domeni1953
[morphology, ill]; Fabric1805anatomy; Heraty2002 [Tct]; Panzer1796anatomy; Walker1846
[Tct].

DISTRIBUTION: **Palaeartic**: Austria [Foerst1859]; Czechoslovakia [Boucek1956b]; Romania
[Andrie1968]; Yugoslavia (Bosnia Hercegovina [Boucek1977], Croatia [Boucek1977]).

KEYS: Andriescu 1968: 239-240 (adult) [Romania].

***Eucharis (Eucharis) alashanica* Gussakovskii**

Eucharis alashanica Gussakovskii, 1940: 164. Type data: China: Northern Alashan Provice,
Dyn-Yuan'_In. Syntypes, male. Type depository: St. Petersburg: (= Leningrad) Zoological
Museum, Academy of Science, Russia. Described: male. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: China [Gussak1940].

***Eucharis (Eucharis) alticola* Gussakovskii**

Eucharis alticola Gussakovskii, 1940: 167. Type data: Tadjikista: Pamir, Roga; Kyrgyzstan: Ferganskij
Khrebet (Fergua Mountain Range), Aslanbob. Syntypes, both sexes. Type depository: St.
Petersberg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: both
sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Kyrgyzstan (=Kirgizia) [Gussak1940]; Tajikistan (=Tadzhikistan)
[Gussak1940].

***Eucharis (Eucharis) atrocyanea* Gussakovskii**

Eucharis atrocyanea Gussakovskii, 1940: 162. Type data: Uzbekistan: Yori in Zeravshau mountains
east of Samarkand; west slope of Tokhta-Karacha Pass, 1500m. Syntypes, both sexes. Type
depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia.
Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Uzbekistan [Gussak1940].

***Eucharis (Eucharis) borceai* Andriescu**

Eucharis (Eucharis) borcea Andriescu, 1968: 229-232. Type data: Romania: Basarabi Dobrogea.
Holotype male, by original designation. Described: male. Illust. Notes: Holotype in authors
collection.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Romania.

KEYS: Andriescu 1968: 240 (adult) [Romania].

***Eucharis (Eucharis) carnifera* Gussakovskii**

Eucharis carnifera Gussakovskii, 1940: 163. Type data: Uzbekistan: Tashkent; Uz: Zeravashan
District, Saray-Lylailik; Western Kazakstan: Inder Lake; Iran: Shaku; Armenia: Parakar. Syntypes,
both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of
Science, Russia. Described: fossil. Illust.

Eucharis carnifera; Boucek, 1977: 60.

CITATIONS: Andrie1968 [Tre]; Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Iran [Boucek1977]; Ukraine [Boucek1977]; Uzbekistan
[Gussak1940].

***Eucharis (Eucharis) casca* Fernando**

Eucharis casca Fernando, 1957: 211. Type data: Sri Lanka [Ceylon]: near Kuda Oya (Wellawaya
division). Unknown type status. Type depository: UNCA.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental:** Sri Lanka [Fernan1957].

Eucharis (Eucharis) cassius Fernando

Eucharis cassius Fernando, 1957: 211. Type data: Sri Lanka [Ceylon]: Mundel (North Western Province). Syntypes, both sexes. Type depository: CMAS. Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental:** Sri Lanka [Fernan1957].

Eucharis (Eucharis) compressa Fabricius

Eucharis compressa Fabricius, 1804: 157. Type data: Italy. Unknown type status. Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark.

DISTRIBUTION: **Palaeartic:** Italy [Fabric1805].

Eucharis (Eucharis) cyanella Gussakovskii

Eucharis cyanella Gussakovskii, 1940: 168. Type data: Turkmenistan: Iman-Baba Railway Station, S. of Menv [=Mary]. Syntypes, female. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: female.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** Turkmenistan [Gussak1940].

Eucharis (Eucharis) diaphana Gussakovskii

Eucharis diaphana Gussakovskii, 1940: 151. Type data: [Turkmenistan] Ashichabad [=Ashgabat] and Russia: Stravrapol Region, Zimniaya Stavka, sands at delta of Kuma River. Syntypes, female. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** Russia [Gussak1940]; Turkmenistan [Gussak1940].

Eucharis (Eucharis) dimidiata Gussakovskii

Eucharis dimidiata Gussakovskii, 1940: 162. Type data: Central Asia: Kazakhstan: Ojuleki; Tadjikstan: Kurgan-Tyube; Tadjikstan: Stalinabad (=Bishkek). Syntypes, female. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: female.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** Kazakhstan [Gussak1940]; Tajikistan (=Tadzhikistan) [Gussak1940].

Eucharis (Eucharis) dobrogica Andriescu

Eucharis (Eucharis) dobrogica Andriescu, 1968: 232-234. Type data: Romania: Camaraua Fetei (Dobrudscha). Holotype male, by original designation. Described: male. Illust. Notes: Type in Andriescu collection.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** Romania [Andrie1968].

Eucharis (Eucharis) esakii Ishii

Eucharis esakii Ishii, 1938: 195. Type data: Japan: Kyushu: Sobiosan; Honshu: Tokyo, Fuchu; Chosen: Suigen. Syntypes, both sexes. Type depository: KUEC. Described: both sexes. Illust.

Eucharis scutellaris Gahan, 1940: 425-427. Type data: Korea: Suigen, Chosen. Holotype female, by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 53548. Described: both sexes. Synonymy by Watanabe, 1950: 64.

Eucharis esakii; Yasumatsu, 1961: 67-68. Described: male. Subsequent description.

ASSOCIATIONS: Hosts - FORMICIDAE **Formicinae:** *Formica* sp. [Gahan1940], *Formica Fusca japonica* Mots. [Clause1941].

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** Japan [Ishii1938].

Eucharis (Eucharis) gussakovskii Nikolskaya

Eucharis gussakovskii Nikolskaya, 1952: 207 [210 engl]. Type data: S. Europe; Russia; W.

Kazakhstan. Syntypes, female. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: female.
CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Europa Island [Nikols1952]; Kazakhstan [Nikols1952].

Eucharis (Eucharis) hissariensis Gussakovskii

Eucharis hissariensis Gussakovskii, 1940: 162. Type data: Central Asia: Tadjikistan, Zevar (southern range of Gissar Mountains, 2000m). Holotype male, by monotypy. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: male.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Tajikistan (=Tadzhikistan) [Gussak1940].

Eucharis (Eucharis) hyalina Gussakovskii

Eucharis hyalina Gussakovskii, 1940: 160. Type data: Mongolia: River Etzin-Gol, Gobi. Syntypes, female. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Mongolia [Gussak1940].

Eucharis (Eucharis) leviceps Cameron

Eucharis leviceps Cameron, 1909b: 232. Type data: Borneo. Syntypes, male. Type depository: Natural History Museum, London. Described: male. Notes: Types not found, may be lost. Probably not *Eucharis*.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Malaysia (Sarawak [Camero1909b]).

Eucharis (Eucharis) marani Boucek

Eucharis marani Boucek, 1955: 329-330. Type data: Bulgaria: Petric [Balkan Peninsula]. Holotype female, by original designation. Type depository: Prague: National Museum (Natural History), Dept. Ent., Czechoslovakia; type no. 3069. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Bulgaria [Boucek1955].

Eucharis (Eucharis) melantheus Fernando

Eucharis melantheus Fernando, 1957: 210. Type data: Sri Lanka [Ceylon]: near Vakanin Tank (Eastern Province). Syntypes, female. Type depository: CNMS. Described: female. Notes: Probably not *Eucharis*.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Sri Lanka [Fernan1957].

Eucharis (Eucharis) nana Gussakovskii

Eucharis nana Gussakovskii, 1940: 167. Type data: Russia: Daghestan, Buynaksk. Holotype male, by monotypy. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: male. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Russia [Gussak1940].

Eucharis (Eucharis) parvula Gussakovskii

Eucharis parvula Gussakovskii, 1940: 166. Type data: Kazakhstan: Temir District, Dzalinda; Kz: Kuzuha-Tugay. Syntypes, both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Kazakhstan [Gussak1940].

Eucharis (Eucharis) przhevalskii Gussakovskii

Eucharis przhevalskii Gussakovskii, 1940: 163. Type data: Mongolia: Odros, Khuau-Khe River; Mo: from Kulustay Post to Dolon-nor Lake; Russia: southern Transbaikalia, Dureny, E. of Triotsavsk. Syntypes, both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum,

Academy of Science, Russia. Described: both sexes. Illust. Filed notes: Tax. note: female with cordate petiole.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental:** Mongolia [Gussak1940]. **Palaeartic:** Russia [Gussak1940].

Eucharis (Eucharis) pusilla Nikolskaya

Eucharis pusilla Nikolskaya, 1952: 207 [210 eng]. Type data: Tajikistan. Syntypes, both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia.

Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** Tajikistan (=Tadzhikistan) [Gussak1940].

Eucharis (Eucharis) reticulata Ruschka

Eucharis reticulata Ruschka, 1924: 86. Type data: Caucasus, Hungary. Holotype female, by monotypy. Type depository: Vienna: Naturhistorisches Museum Wien, Austria. Described: female. Filed notes: Type notes IV: 37.

Eucharis reticulata; Erdös, 1955: 285. Described: male. Subsequent description.

CITATIONS: Heraty2002 [Tct]; Tudor1971 [Rre].

DISTRIBUTION: **Afrotropical:** Europa Island [Ruschka1924]. **Afrotropical:** Europa Island [Ruschka1924]; Hungary [Ruschka1924]; Turkey [Tudor1971].

Eucharis (Eucharis) ruficornis Gussakovskii

Eucharis ruficornis Gussakovskii, 1940: 164. Type data: Western Pamir: Darvaz [Darvazskiy?], Togmay Village, 1940m. Holotype female, by monotypy. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** Pamirs [Gussak1940].

Eucharis (Eucharis) rugulosa Gussakovskii

Eucharis rugulosa Gussakovskii, 1940: 165. Type data: Russia: Sarepta and Ukraine: Crimea, Sudak. Syntypes, both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** Russia [Gussak1940]; Ukraine [Gussak1940].

Eucharis (Eucharis) scylla Nikolskaya

Eucharis scylla Nikolskaya, 1952: 205. Type data: Tajikistan. Syntypes, both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** Tajikistan (=Tadzhikistan)? [Gussak1940].

Eucharis (Eucharis) shestakovi Gussakovskii

Eucharis shestakovi Gussakovskii, 1940: 160. Type data: Russia (southeastern): Sarepta. Holotype female, by monotypy. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: female.

Eucharis (Eucharisca) shestakovi; Andriescu, 1968: 234-238. Described: both sexes. Illust. Subsequent description.

ASSOCIATIONS: Host - FORMICIDAE **Ponerinae:** *Messor structor* Latr.? [Andrie1968].

CITATIONS: Boucek1977 [Rre]; Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** Hungary [Ruschka1924, Boucek1977]; Romania [Andrie1968]; Yugoslavia (Croatia [Boucek1977]).

KEYS: Andriescu 1968: 240 (adult) [Romania].

Eucharis (Eucharis) specularis Ruschka

Eucharis specularis Ruschka, 1924: 84-85. Type data: Asia minor. Holotype male, by monotypy.

Type depository: Vienna: Naturhistorisches Museum Wien, Austria. Described: male.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** asia [Gussak1940].

Eucharis (Eucharis) turanica Gussakovskii

Eucharis turanica Gussakovskii, 1940: 165. Type data: Kazakstan: Golodnaya Seppe; Kz: Syrdar'inskaya Railway Station; Uzbekistan: Kammashi Railway Station of Kitabor Kitabskiy Railroad. Syntypes, both sexes. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** Kazakhstan [Gussak1940]; Uzbekistan [Gussak1940].

Eucharis (Eucharis) turca Nikol'skaya

Eucharis turca Nikol'skaya, 1952: 204. Type data: Asia minor. Syntypes, male. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: male.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** asia [Gussak1940].

Eucharis (Eucharisca) Boucek

Chalcurella Gussakovskii, 1940: 155. Type species: *Chalcurella bedeli* Cameron, by original designation. Synonymy by Boucek, 1956a: 257. Homonym of *Chalcurella* Girault 1913.

Eucharis (Eucharisca) Boucek, 1956a: 257-258. Replacement name for *Chalcurella* Gussakovskii. *Eucharis (Eucharisca)*; Heraty, 2002: 142. Subsequent description.

Eucharis (Eucharisca) bedeli (Cameron)

Chalcurella bedeli Cameron, 1891: 188, pl.1. Type data: Algeria, Edough. Syntypes, unknown. Type depositories: Natural History Museum, London, and Vienna: Naturhistorisches Museum Wien, Austria; type no. 5.376. Described: both sexes. Illust. Filed notes: Type notes IV: 33.

Eucharis bedeli; Ruschka, 1924: 86. Change of combination.

Eucharis (Eucharisca) bedeli; Boucek, 1956a: 257-258. Change of combination.

ASSOCIATIONS: Hosts - FORMICIDAE **Formicinae:** *Cataglyphis bicolor* Fabr.? [Wheeler1937], *Formica rufa* L. [Bedel1895], *Myrmecocystus viaticus* Fabricius? [Cameron1891, Cameron1907].

CITATIONS: Bedel1895 [host record]; Cameron1891 [host record]; Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** Algeria [Cameron1891].

Eucharis (Eucharisca) bytinskisalzi Boucek

Eucharis (Eucharisca) bytinski-salzi Boucek, 1956a: 257-259. Type data: Israel: Bat Yam. Holotype female, by original designation. Type depository: Prague: National Museum (Natural History), Dept. Ent., Czechoslovakia. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** Israel [Boucek1956a].

Eucharis (Eucharisca) hyalinipennis Hoffer & Nowicky

Eucharis hyalinipennis Hoffer & Nowicky, 1954: 106. Type data: Czechoslovakia. Holotype male, by original designation. Type depository: Prague: National Museum (Natural History), Dept. Ent., Czechoslovakia. Described: male. Notes: The authors expressly state "only one male is known from the above-mentioned locality, and one [sic] female from Yugoslavia (Dalmatia)..discovered in the Vienna Museum..will be published in a later paper". Only one female from Dalmatia was found in the NHMW, but this was the *Eucharis adscendens* reported from *Messor barbaris* L. in Fahringer and Tolg (1912).

Eucharis (Eucharisca) hyalinipennis; Boucek, 1956a: 258. Change of combination. Notes: Possibly a synonym of *E. shestokovi* (Boucek 1977).

CITATIONS: Boucek1977 [Tax]; Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic:** Czechoslovakia; Yugoslavia (Croatia [Boucek1977]).

Eucharis (Eucharisca) intermedia Ruschka

Eucharis intermedia Ruschka, 1924: 88. Type data: Tunisia: Tunis. Holotype female, by monotypy.

Type depository: Vienna: Naturhistorisches Museum Wien, Austria. Described: female. Illust. Filed notes: Type notes IV: 35.

Eucharis intermedia; Masi, 1949: 93. Described: female. Subsequent description.
Eucharis (Eucharisca) intermedia; Boucek, 1956a: 259. Change of combination.
CITATIONS: Heraty2002 [Tct].
DISTRIBUTION: **Palaeartic**: Israel [Masi1949, Boucek1956a]; Tunisia [Ruschka1924].

***Eucharis (Eucharisca) schmiedeknechti* Ruschka**

Eucharis schmiedeknechti Ruschka, 1924: 88. Type data: Algeria: Oran; Tunisia: Tunis. Syntypes, both sexes, type designation unknown. Type depository: Vienna: Naturhistorisches Museum Wien, Austria. Described: both sexes. Illust. Filed notes: Type notes IV: 38-39. Specimen note IV: 47.
Eucharis (Eucharisca) schmiedeknechti; Boucek, 1956a: 258. Change of combination.
CITATIONS: Heraty2002 [Tct].
DISTRIBUTION: **Palaeartic**: Algeria [Ruschka1924]; Tunisia [Ruschka1924].

Eucharis (Psilogastrellus) Ghesquière

Psilogaster Blanchard, 1840: 260. Type species: *Psilogaster cupreus* Blanchard, by monotypy.
Synonymy by Ghesquière, 1946: 368. Homonym of *Psilogaster* R.L., 1817. Notes: Treated as *Eucharis (Eucharisca)* by Boucek (1956a), but after reevaluating the types, the nine species were placed separately under *Psilogastrellus* (Boucek 1977). Now treated as *Eucharis (Psilogastrellus)* (Heraty 2001).
Psilogaster; Ashmead, 1888[45]: 187 (in key).
Psilogaster; Ashmead, 1904[238]: 267, 269 (key).
Psilogastrellus Ghesquière, 1946: 368. Notes: Replacement name for *Psilogaster* Blanchard 1840. Synonymy and placement as a subgenus of *Eucharis* by Heraty (2001).
Eucharis (Pachyeucharis) Boucek, 1956a: 251-253. Type species: *Eucharis punctata* Forster, by original designation. Synonymy by Boucek, 1977: 124. Notes: Unnecessary new name.
Psilogastrellus; Boucek, 1977: 124. Subsequent description. Notes: New status based on reexamination of type material.
Eucharis (Psilogastrellus); Heraty, 2002: 143-144. Revived status.
CITATIONS: Ashmead1899157 [Tkg;as *Psilogaster*]; Ashmead1904238 [Tkg].
KEYS: Boucek 1956a: 256-257 [Mediterranean].

***Eucharis (Psilogastrellus) acuminata* Ruschka**

Eucharis acuminata Ruschka, 1924: 86. Type data: Derbent, Caucasus [=Russian Federation].
Holotype male (examined), by monotypy. Type depository: Vienna: Naturhistorisches Museum Wien, Austria. Described: male. Filed notes: Type notes IV: 32.
Eucharis (Pachyeucharis) acuminatus; Boucek, 1956a: 257 (in key).
Psilogastrellus acuminata; Boucek, 1977: 124. Change of combination.
CITATIONS: Heraty2002 [Tct].
DISTRIBUTION: **Palaeartic**: Russia [Ruschka1924].

***Eucharis (Eucharis) adscendens* (Fabricius) new combination**

***Eucharis (Psilogastrellus) affinis* Boucek new combination**

Eucharis (Pachyeucharis) affinis Boucek, 1956a: 255-256. Type data: Israel: Bat Yam. Holotype female, by original designation. Type depository: Prague: National Museum (Natural History), Dept. Ent., Czechoslovakia. Described: female. Illust.
Psilogastrellus affinis; Boucek, 1977: 124. Change of combination. Notes: By inference?
CITATIONS: Heraty2002 [Tct].
DISTRIBUTION: **Palaeartic**: Israel [Boucek1956a].

***Eucharis (Psilogastrellus) albipennis* Boucek new combination**

Eucharis (Pachyeucharis) albipennis Boucek, 1956a: 254-255. Type data: Israel: Kfar Yeroham. Holotype female, by original designation. Type depository: Prague: National Museum (Natural History), Dept. Ent., Czechoslovakia. Described: female. Illust.
Psilogastrellus albipennis; Boucek, 1977: 124. Change of combination.
CITATIONS: Heraty2002 [Tct].
DISTRIBUTION: **Palaeartic**: Israel [Boucek1956a].

Eucharis (Psilogastrellus) anatolica Boucek new combination

Eucharis anatolica Boucek, 1951: 52. Type data: [Turkey] Anatolia: Ankara-Baraj. Holotype male, by original designation. Type depository: Prague: National Museum (Natural History), Dept. Ent., Czechoslovakia. Described: male. Illust.

Eucharis (Pachyeucharis) anatolica; Boucek, 1956a: 256 (in key). Change of combination.

Psilogastrellus anatolica; Boucek, 1977: 124. Change of combination. Notes: By inference?

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Turkey [Boucek1951].

Eucharis (Psilogastrellus) cuprea (Blanchard) new combination

Psilogaster cupreus Blanchard, 1840: 260. Type data: Egypt. Lectotype male (examined), by subsequent designation Boucek, 1977: 124. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: male. Notes: Filed notes: Type notes III-120.

Psilogastrellus cupreus; Ghesquière, 1946: 368. Change of combination.

Psilogastrellus cupreus; Boucek, 1977: 124.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Egypt [Blanch1840].

Eucharis (Psilogastrellus) fulviventris Gussakovskii new combination

Eucharis fulviventris Gussakovskii, 1940: 161. Type data: Turkmenistan Station: Kaakha, and Armenia near Erevan. Transcaucasia. Syntypes, female. Type depository: St. Petersburg: (= Leningrad) Zoological Museum, Academy of Science, Russia. Described: female.

Psilogastrellus fulviventris; Rzaeva, 1971: 87. Change of combination.

CITATIONS: Boucek1977 [Tre]; Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Armenia [Gussak1940]; Turkmenistan [Gussak1940].

Eucharis (Psilogastrellus) microcephala Boucek new combination

Eucharis (Pachyeucharis) microcephala Boucek, 1956a: 253-254. Type data: Israel: Kfar Yeroham. Holotype female, by original designation. Type depository: Prague: National Museum (Natural History), Dept. Ent., Czechoslovakia. Described: female. Illust.

Psilogastrellus microcephala; Boucek, 1977: 124. Change of combination. Notes: By inference?

ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Cataglyphis bicolor modus* Brullé [Boucek1956a].

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Israel [Boucek1956a].

Eucharis (Psilogastrellus) nigriventris Boucek new combination

Eucharis (Pachyeucharis) nigriventris Boucek, 1956a: 256. Type data: Israel: Nahariya. Holotype female, by original designation. Type depository: Prague: National Museum (Natural History), Dept. Ent., Czechoslovakia. Described: female. Illust.

Psilogastrellus nigriventris; Boucek, 1956a: 256. Change of combination. Notes: By inference?

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Israel [Boucek1956a].

Eucharis (Psilogastrellus) punctata Förster new combination

Eucharis punctata Förster, 1859: 89-91. Type data: [Austria] Tyrol. Unknown type status female. Type depository: Vienna: Naturhistorisches Museum Wien, Austria. Described: female. Filed notes: Type notes IV: 36.

Eucharis punctata; Boucek, 1951: 52. Illust. Subsequent description.

Eucharis (Pachyeucharis) punctata; Boucek, 1956a: 252-252. Change of combination.

Psilogastrellus punctatus; Boucek, 1977: 60, 124. Change of combination.

ASSOCIATIONS: Host - FORMICIDAE **Ponerinae**: *Messor Barbarus (l.) semirufus v. concolor* Sm. [Fahrin1922].

CITATIONS: Fahrin1922 [host record]; FahrinTö1912 [host record]; Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Algeria [new]; Austria [Foerst1859]; Bulgaria; Egypt [new]; Tunisia [Boucek1956a]; Turkey [Boucek1951, Boucek1956a]; Yugoslavia (Croatia [Boucek1977], Macedonia [Boucek1956a, Boucek1977]).

Eucharissa Westwood

Eucharissa Westwood, 1868: 36. Type species: *Eucharissa speciosa* Westwood. Subsequently designated by Ashmead, 1904: 267.

Eucharissa; Ashmead, 1904[238]: 267, 269 (key).

Eucharissa Heraty, 2002: 146-148.

CITATIONS: Ashmea1899157 [Tkg]; Ashmea1904238 [Tkg]; GahanFa1923 [Tre].

KEYS: Heraty 2002: 149].

Eucharissa cuprifrons Westwood

Eucharissa cuprifrons Westwood, 1874: 144. Type data: Africa: Caffraria. Syntypes. Type depository: UMOX. Described: female.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: South Africa [Westwo1874].

Eucharissa erugata Heraty

Eucharissa erugata Heraty, 2002: 149-150. Type data: South Africa. Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: female. Illust.

DISTRIBUTION: **Afrotropical**: South Africa [Heraty2002].

Eucharissa natalica Westwood

Eucharissa natalica Westwood, 1874: 37. Type data: South Africa: Natal. Holotype female (examined), by monotypy. Type depository: Oxford: Hope Entomological Collections, University Museum, England; type no. 655. Described: female. Filed notes: Type notes III-131.

Eucharissa natalica; Heraty, 2002: 150-151. Illust. Subsequent description.

DISTRIBUTION: **Afrotropical**: South Africa [Westwo1874].

Eucharissa speciosa Westwood

Eucharissa speciosa Westwood, 1874: 143. Type data: Africa: Cape of Good Hope. Lectotype female (examined), by **present designation**. Type depository: Oxford: Hope Entomological Collections, University Museum, England; type no. 654.5. Described: female. Illust. Filed notes: Type notes III-130.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: South Africa [Westwo1874].

Eucharissa stigmatica Westwood

Eucharissa stigmatica Westwood, 1874: 144. Type data: South Africa?: Caffraria. Unknown type status female, type designation unknown. Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: South Africa [Westwo1874].

Eucharissa Westwood

Eucharissa Westwood, 1868: 36. Type species: *Eucharissa speciosa* Westwood. Subsequently designated by Ashmead, 1904: 267.

Eucharissa; Ashmead, 1904[238]: 267, 269 (key).

Eucharissa Heraty, 2002: 146-148.

CITATIONS: Ashmea1899157 [Tkg]; Ashmea1904238 [Tkg]; GahanFa1923 [Tre].

KEYS: Heraty 2002: 149].

Eucharissa cuprifrons Westwood

Eucharissa cuprifrons Westwood, 1874: 144. Type data: Africa: Caffraria. Syntypes. Type depository: UMOX. Described: female.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: South Africa [Westwo1874].

Eucharissa erugata Heraty

Eucharissa erugata Heraty, 2002: 149-150. Type data: South Africa. Holotype female (examined),

by original designation. Type depository: LNatural History Museum, London . Described: female. Illust.

DISTRIBUTION: **Afrotropical**: South Africa [Heraty2002].

Eucharissa natalica Westwood

Eucharissa natalica Westwood, 1874: 37. Type data: South Africa: Natal. Holotype female (examined), by monotypy. Type depository: Oxford: Hope Entomological Collections, University Museum, England; type no. 655. Described: female. Filed notes: Type notes III-131.

Eucharissa natalica; Heraty, 2002: 150-151. Illust. Subsequent description.

DISTRIBUTION: **Afrotropical**: South Africa [Westwo1874].

Eucharissa speciosa Westwood

Eucharissa speciosa Westwood, 1874: 143. Type data: Africa: Cape of Good Hope. Lectotype female (examined), by **present designation**. Type depository: Oxford: Hope Entomological Collections, University Museum, England; type no. 654.5. Described: female. Illust. Filed notes: Type notes III-130.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: South Africa [Westwo1874].

Eucharissa stigmatica Westwood

Eucharissa stigmatica Westwood, 1874: 144. Type data: South Africa?: Caffraria. Unknown type status female, type designation unknown. Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: South Africa [Westwo1874].

Galaria Brullé

Thoracanta; Blanchard, 1840: 257. Misspelling of genus name.

Galaria Brullé, 1846: 572, pl.38. Type species: *Galaria violacea* Brullé (= *Thoracantha latreillei*), by monotypy. Notes: Isogenotypic through synonymy with *Thoracantha latreillei* Guérin.

Thoracantha; Kirby, 1886: 32. Notes: Mistakenly designates type species as *Thoracantha latreillii* Guérin; see *Thoracantha*. CHECK, is Waterhouse treatment OK?? Who is author and when is date????

Uromelia; Ashmead, 1888[45]: 187 (in key).

Thoracantha; Ashmead, 1892[82]: 357. Notes: Restriction of included species to *T. latreillei*.

Acrostela Shipp, 1894: 184. Type species: *Thoracantha apta* Walker, by monotypy. Synonymy by Ashmead, 1899[157]: 238.

Thoracantha; Ashmead, 1904[238]: 268, 270. Subsequent description.

Thoracantha; Ashmead, 1904[238]: 268, 270 (key).

Thoracantha; Gemignani, 1933: 479-430. Subsequent description.

Pseudokapala Gemignani, 1947: 13. Type species: *Pseudokapala proseni* Gemignani, by original designation. **New synonymy**.

Galaria; Heraty, 2002: 151-154. Subsequent description.

CITATIONS: Ashmea188845 [Tke, Tre]; Ashmea1899157 [Tkg, Ac]; Ashmea1904238 [Tkg; as *Thoracantha*].

KEYS: Gemignani 1933: 430-431].

Galaria bruchi (Gemignani) new combination

Thoracantha bruchi Gemignani, 1933: 431-432. Type data: Argentina: Provinces Salta, Jujuy & Santa Fé (Fives Little). Holotype female, by original designation. Type depository: MNBA.

Described: female. Illust. Notes: Locality for holotype not specified.

Thoracantha bruchi; Gemignani, 1947: 9.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pogonomyrmex carnivora* Snts.? [Gemign1933].

CITATIONS: Darlin1988 [Sae].

DISTRIBUTION: **Neotropical**: Argentina (Salta [Gemign1933]).

Galearia latreillii (Guérin-Menéville)

Thoracantha latreillii Guérin-Menéville, 1838: 415. Type data: Brésil [Brazil]. Unknown type status female (examined). Type depository: Paris: Museum National d'Histoire naturelle, France.

Described: female. Illust. Notes: Publication of text volume was 1838 and illustrations published as late as 1845 (referred to as 1829-1845 in Dalla Torre 1898).

Thoracantha coleopteroides Waterhouse, 1839: 196. Type data: Bahia [South America]. Unknown type status female. Described: female. Illust. Synonymy by Kirby, 1886: 32. Notes: This species has been subsequently referred to as *Thoracantha Latreillei* vel *coleopteroides* (Waterhouse) Westwood by Dalla Torre (1898) and Kirby (1886: 32). Vel refers to the uncertainty of naming this species by Waterhouse in the statement "should the *species* be distinct..I would propose the name of *Coleopteroides*". The location of the type is unknown and was not found at Oxford. The synonymy should be verified.

Thoracantha latreillei Blanchard, 1840: 257. Described: female. Unjustified emendation. Notes: Misspelling of generic epithet.

Thoracantha latreillii; Walker, 1843: 45. Subsequent description.

Galearia violacea Brullé, 1846: 572, pl.38. Type data: L'Amérique méridionale [South America]. Unknown type status. Described: female. Illust. Synonymy by Kirby, 1886: 32. Notes: Isogenotypic through synonymy (Gahan & Fagan 1923)

Thoracantha apta Walker, 1862: 384. Type data: [Brazil] Santarem. Syntypes (examined). Type depository: Natural History Museum, London ; type no. 5.628b. Synonymy by Ashmead, 1904[238]: 470. Notes: Probably a distinct species. Filed notes: Type notes III-10.

Schizaspidia apta; Walker, 1871: 66. Change of combination.

Thoracantha apta; Westwood, 1874: 153 pl.28. Subsequent description.

Thoracantha latreillii; Kirby, 1886: 32.

Acrostela apta; Shipp, 1894: 189. Change of combination.

Galearia latreillei; Gahan & Fagan, 1923: 65. Change of combination.

CITATIONS: Ashmea1904238 [Tct]; Heraty2002 [Tct]; Walker1846 [Tct].

DISTRIBUTION: **Neotropical**: Argentina (Jujuy [Heraty2002]); Bolivia [Heraty2002] [new]; Brazil [Guerin1845] (Rio de Janeiro [new]); Paraguay [new].

Galearia proseni (Gemignani) new combination

Pseudokapala proseni Gemignani, 1947: 14-15. Type data: Argentina: Sgo. del Estero, Campo Gallo. Holotype male, by original designation. Type depository: MNBA; type no. 49.569.

Described: male. Illust. Notes: Probably male of *bruchii*.

DISTRIBUTION: **Neotropical**: Argentina (Santiago del Estero [Gemign1947]). **Oriental**: Indonesia [Heraty2002]; Thailand [Heraty2002].

Gollumiella Hedqvist

Gollumiella Hedqvist, 1978: 230. Type species: *Gollumiella longipetiolata* Hedqvist, by original designation.

Losbanus; Boucek, 1988: 521-522. Misidentification.

Gollumiella; Heraty, 1992: 584-587. Subsequent description. Notes: Change in status and redescription.

Gollumiella; Heraty, 2002: 155-157. Subsequent description.

KEYS: Heraty 1992: 587-588].

Gollumiella antennata (Gahan)

Psilogaster antennatus Gahan, 1940: 427-429. Type data: East Malaysia [Federal Malay States]: Kuala Lumpur. Holotype female (examined), by original designation. Type depository:

Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 53549. Described: both sexes.

Psilogastrellus antennatus Ghesquière, 1946: 368. Replacement name.

Losbanus antennatus; Boucek, 1988: 522. Change of combination.

Gollumiella antennata; Heraty, 1992: 588-590. Described: both sexes. Illust. Change of combination.

CITATIONS: Beshea1974anatomy; Heraty2002 [Tct, Be, Behavior]; Johnso1988 [Lhi].

DISTRIBUTION: **Oriental**: Bangladesh [Heraty1992]; Hong Kong [Heraty1992]; Laos [Heraty1992]; Malaysia (Malaya [Heraty1992]); Vietnam [Heraty1992]. **Palaeartic**: China

[Heraty1992].

Gollumiella guineensis Heraty

Gollumiella guineensis Heraty, 1992: 590-592. Type data: Papua New Guinea: Bismarck Arch., Manus Is., Momote. Holotype female (examined), by original designation. Type depository: Honolulu: Bernice P. Bishop Museum, Dept. Ent. Coll., HI, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct]; Heraty2002 [Tct].

DISTRIBUTION: **Australasian:** Papua New Guinea [Heraty1992]. **Oriental:** Indonesia (Irian Jaya [Heraty1992]).

Gollumiella infuscata Heraty

Gollumiella infuscata Heraty, 1992: 592-593. Type data: East Malaysia: Sarawak, Gunong Mulu National Park. Holotype female (examined), by original designation. Type depository: Natural History Museum, London. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental:** Malaysia (Sarawak [Heraty1992]).

Gollumiella longipetiolata Hedqvist

Gollumiella longipetiolatus Hedqvist, 1978: 230. Type data: Philippines: Palawan, Tagembung. Holotype male (examined), by original designation. Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark. Described: male. Illust. Notes: Holotype male described as female, and paratype males, as originally designated, belong to *Anorasema pallidipes* (Boucek, 1988; Heraty, 1992a). The male specimen labeled as the holotype in ZMUC bears the label "...Palawan Mantaligajan Togembring 1150 meter..".

Losbanus longipetiolatus; Boucek, 1988: 521-522. Change of combination.

Gollumiella longipetiolata; Heraty, 1992: 593-595. Described: both sexes. Illust. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental:** China (Guangdong (=Kwangtung) [Heraty1992]); India (Uttar Pradesh [Heraty1992]); Indonesia (Java [Heraty1992, Heraty2002], Kalimantan (=Borneo) [Heraty2002]); Malaysia (Malaya [Heraty1992]); Nepal [Heraty1992]; Philippines (Mindanao [Heraty1992]); Singapore [Heraty1992]; Taiwan [Heraty1992]; Thailand [Heraty1992]; Vietnam [Heraty2002]. **Palearctic:** Japan (Honshu [Heraty1992, Heraty2002], Kyushu [Heraty1992, Heraty2002]).

Gollumiella minuta (Boucek)

Losbanus minutus Boucek, 1988: 522. Type data: Australia: Queensland, Mount Tambourine.

Holotype male, by original designation. Type depository: Brisbane: Queensland Museum, Queensland, Australia. Described: both sexes. Illust.

Gollumiella minuta; Heraty, 1992: 595-597. Described: both sexes. Illust. Change of combination.

CITATIONS: Heraty2002 [Tct]; Heraty2002 [Tct].

Gollumiella neopetiolata Heraty

Gollumiella neopetiolata Heraty, 1992: 597-598. Type data: Philippines: Mountain Prov., Abatan, Buguias, 60 km S Bontoc. Holotype female (examined), by original designation. Type depository: Honolulu: Bernice P. Bishop Museum, Dept. Ent. Coll., HI, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental:** Philippines [Heraty1992].

Hydrorhoa Kieffer

Hydrorhoa Kieffer, 1904: 241. Type species: *Hydrorhoa striaticeps* Kieffer, by original designation.

Stibulaspis Cameron, 1907: 220. Type species: *Stibulaspis fortistriata* Cameron. Subsequently designated by Present. Synonymy by Heraty, 2002: 158.

Stibulaspis; Schmeideknecht, 1909: 68, 70, 75. Misspelling of genus name. Notes: Redescription of genus.

Hydrorhoa; Heraty, 2002: 158-161. Subsequent description.

KEYS: Heraty 2002: 161-162].

Hydrorhoa caffra (Westwood)

Schizaspidia caffra Westwood, 1874: 152. Type data: Africa: Caffraria. Holotype male (examined), by monotypy. Type depository: Oxford: Hope Entomological Collections, University Museum, England; type no. 677. Described: male. Illust. Filed notes: Type notes III-131.

Stilbulaspis fortistriata Cameron, 1907: 221. Type data: South Africa: Natal, Estcourt. Lectotype female (examined), by subsequent designation Heraty, 2000. Type depository: SAMC. Described: female. Synonymy by Heraty, 2002: 161. Notes: Locality and type labels were obviously switched with *Stilbulaspis atropurpurea* (corrected xi.1993) based on description and sex of specimen. Filed notes: Labeled "NATAL./ Estcourt." "Stilbulaspis/ fortistriata/ Cam. Type/ Natal."

Stilbulaspis atropurpurea Cameron, 1907: 221-222. Type data: South Africa: Natal, D'Urban. Lectotype male (examined), by subsequent designation Heraty, 2000. Type depository: SAMC. Described: male. Synonymy by Heraty, 2002: 162. Notes: Locality and type labels were obviously switched with *Stilbulaspis fortistriata* (corrected xi.1993) based on description and sex of specimen. Filed notes: Type notes III-66. Label "NATAL./ D'Urban./ J.H. Bowker." "Stilbulaspis/ atropurpurea/ Cam Type/ Natal".

Hydrorhoa caffra; Heraty, 2002: 162. Illust. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Kenya [Heraty2002]; South Africa [Cameron1907] [Westwood1874, Heraty2002]; Zimbabwe [Heraty2002].

Hydrorhoa fianarantsoae (Risbec)

Psygmatocera fianarantsoae Risbec, 1952: 407-409. Type data: Madagascar: Fianarantsoa Plateau Central. Lectotype female (examined), by **present designation**. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: both sexes. Filed notes: Type notes III-113.

Schizaspidia fianarantsoae; Baltazar, 1961: 394. Change of combination.

Hydrorhoa fianarantsoae; Heraty, 2002: 162. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Madagascar [Risbec1952].

Hydrorhoa multistriata (Risbec)

Schizaspidia multistriata Risbec, 1952: 404-407. Type data: Madagascar: Antanimora. Lectotype female (examined), by **present designation**. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: both sexes. Illust.

Hydrorhoa multistriata; Heraty, 2002: 163. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Madagascar [Risbec1952].

Hydrorhoa stevensoni (Risbec) new combination

Schizaspidia stevensoni Risbec, 1958: 147-149. Type data: Zimbabwe [S. Rhodesia]: Penkridge.

Holotype female (examined), by monotypy. Type depository: SAMC. Described: female. Illust. Notes: NEW GENUS, NOT SCHIZASPIDIA. Card-mounted specimen (remounted from minutien pin) and slide mount of fore legs and one antenna. Filed notes: Labeled "Penkridge/ S. Rhodesia/ 6.11.1927/ R.H.R. Stevenson" "TYPE" "Schizaspidia/ stevensoni Risb./ J. RISBEC DET. 195" "Eucharitidae" "South African/ Museum ex/ National Museum/ Bulawayo 1981" "see slide SAM 32C2". Slide mount: "Antenna et ___ des Schizaspidia stevensoni Risbec" "SAM 32C2".

CITATIONS: Heraty2002 [Tct, description-Immatures, Behavior].

DISTRIBUTION: **Afrotropical**: Botswana [Heraty2002]; Namibia (=Southwest Africa) [Heraty2002]; South Africa [Heraty2002]; Zimbabwe [Risbec1958].

Hydrorhoa striata (Risbec)

Stilbulaspis striata Risbec, 1951a: 377-379. Type data: Senegal: M'Bambey. Lectotype female (examined), by **present designation**. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: male. Illust. Filed notes: Type notes III-110.

Stilbulaspis lougae Risbec, 1951a: 379. Type data: Senegal: Louga. Lectotype male (examined), by **present designation**. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: male. Synonymy by Heraty, 2002: 164. Filed notes: Type notes III-110.

Hydrorhoa striata; Heraty, 2002: 164. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: Afrotropical: Namibia (=Southwest Africa) [Heraty2002]; Senegal [Risbec1951a]; South Africa [Heraty2002].

Hydrorhoa striaticeps Kieffer

Hydrorhoa striaticeps Kieffer, 1904: 241. Type data: Madagascar. Lectotype female (examined), by subsequent designation Boucek (unpublished), . Type depository: Paris: Museum National d'Histoire naturelle, France. Described: female. Notes: Appears to be the senior name for *Stibulaspis* Cameron, 1909. Filed notes: Type notes IV: 50-52.

Hydrorhoa striaticeps; Heraty, 2002: 163-164. Illust. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: Afrotropical: Madagascar [Kieffe1904].

Hydrorhoa striolata (Risbec) new combination

Saccharissa striolata Risbec, 1953: 603-605. Type data: Ivory Coast. Holotype male (examined), by monotypy. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: male. Illust. Filed notes: Type notes III-109.

Hydrorhoa striolata; Heraty, 2002: 164. Illust. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: Afrotropical: Côte d'Ivoire (=Ivory Coast) [Risbec1953, Heraty2002]; Cameroon [Heraty2002]; Liberia [Heraty2002]; Uganda [Heraty2002].

Isomerala Shipp

Isomerala Shipp, 1894: 188. Type species: *Isomerala coronata* Westwood, by original designation.

Isomeralia; Ashmead, 1904[238]: 268,270 (key),471. Misspelling of genus name.

Isomerala; Heraty, 2002: 165-166. Subsequent description.

CITATIONS: Ashmea1899157 [Tkg]; Ashmea1904238 [Tkg].

Isomerala azteca Girault

Isomerala azteca Girault, 1920[354]: 203-204. Type data: Mexico: Tampico. Syntypes (examined).

Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 20863. Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: Nearctic: Mexico [Giraul1920354].

Isomerala coronata (Westwood)

Thoracantha coronata Westwood, 1874: 154. Type data: [America Meridionali]: Mexico [Bahia] and Brasil [Amazonia]. Lectotype female, by **present designation**. Type depository: Oxford: Hope Entomological Collections, University Museum, England; type no. 680. Described: female. Illust. Filed notes: Type notes III-133.

Isomerala coronata; Shipp, 1894: 188. Change of combination.

ASSOCIATIONS: Hosts - FORMICIDAE Ponerinae: *Ectatomma ruidum* [Heraty2002], *Ectatomma tuberculatum* Olivier [Wheele1907].

CITATIONS: Ashmea1904238 [Tct]; Heraty2002 [Tct]; Wheele1910 [Lhi, Iad].

DISTRIBUTION: Neotropical: Brazil [Ashmea1904238, Westwo1874].

Kapala Cameron

Chirocerus Brullé, 1846: 571, pl 38, fig.5. Type species: *Eucharis furcatus* Fabricius, by monotypy. Homonym; discovered by Cameron, 1884: 102.

Chirocera Desmarest, 1860: 161, fig. 141. Unjustified emendation. Notes: Chenu: Encyclo. hist. nat. Annelles

Kapala Cameron, 1884: 102-103. Replacement name.

Kapala; Kirby, 1886: 32. Notes: Kirby questions the identity of Brullé's drawing and suggests that it looks closer to *Thoracantha atrata* Walker than to either [?] of the Fabrician species. Indeed, the drawing appears closer to *Schizaspidia* than to what is now recognized as *Kapala*. The figure legend in Brullé (1846: pl.38) refers to *Chirocerus furcatus* Westwood not Fabricius, and may not, unfortunately, refer to the Fabrician species. The Latreille description of *Chirocerus* needs to be checked!!

Kapala; Ashmead, 1888[45]: 187 (in key).

Kapala; Ashmead, 1904[238]: 269,270 (key),472.
Capala Schulz, 1905: 150. Unjustified emendation.
Holcokapala Cameron, 1913: 117. Type species: *Holcothorax striaticeps* Cameron (= *Thoracantha inexas* Walker), by original designation. **New synonymy.**
Kapala; Gemignani, 1933: 485. Subsequent description.
Kapala; Heraty, 1985: 84. Subsequent description.
Kapala; Heraty, 2002: 167-170. Subsequent description.
 CITATIONS: Ashmea188845 [Tke, Tre]; Ashmea1899157 [Tkg]; Ashmea1904238 [Tkg]; Berry1947 [Die, Dil].
 KEYS: Heraty 1985: 86 [North America].

***Kapala argentina* Gemignani**

Kapala argentina Gemignani, 1933: 485-487. Type data: Argentina: Salta. Holotype female, by original designation. Type depository: MNBA. Described: female. Illust.
Kapala argentina; Gemignani, 1937: 164. Described: male. Illust. Subsequent description.
 DISTRIBUTION: **Neotropical**: Argentina (Salta [Gemign1933]).

***Kapala atrata* (Walker) new combination**

Thoracantha atrata Walker, 1862: 383. Type data: Brasil [?? no label on specimen]. Syntypes, male. Type depository: Natural History Museum, London ; type no. 5.635. Described: male. Filed notes: Type notes III-32. ?Costa Rican species?
Thoracantha surgens Walker, 1862: 384. Type data: Brazil: Villa Nova. Syntypes, male (examined). Type depository: Natural History Museum, London ; type no. 5.632. Described: male. **New synonymy.** Filed notes: Type notes III-29.
Schizaspidia atrata; Walker, 1871: 473. Change of combination.
Schizaspidia surgens; Walker, 1871: 66. Change of combination.
Lirata surgens; Shipp, 1894: 189. Change of combination.
Kapala atrata; Ashmead, 1904[238]: 473. Change of combination.
 CITATIONS: Ashmea1904238 [Tct]; Heraty2002 [Tct].
 DISTRIBUTION: **Neotropical**: Brazil [Ashmea1904238, Walker1862] [Walker1862].

***Kapala chacoensis* Gemignani**

Kapala chacoensis Gemignani, 1947: 1-2. Type data: Argentina: Chaco, Resistencia. Holotype male, by original designation. Type depository: MNBA; type no. 38.347. Described: male. Illust.
 CITATIONS: Heraty2002 [Tct].
 DISTRIBUTION: **Neotropical**: Argentina (Chaco [Gemign1947]).

***Kapala cuprea* Cameron**

Kapala cuprea Cameron, 1913: 116-117. Type data: Guyana. Syntypes, male. Type depository: Natural History Museum, London ; type no. 5.390. Described: male. Filed notes: Type notes III-6/7.
 ASSOCIATIONS: Host - FORMICIDAE **Ponerinae**: *Pachycondyla crassinoda* Latreille [Myers1931].
 CITATIONS: Heraty2002 [Tct]; Myers1931 [host record].
 DISTRIBUTION: **Neotropical**: Guyana [Cameron1913]; Trinidad and Tobago.

***Kapala cynipsea* (Walker)**

Thoracantha cynipsea Walker, 1862: 379. Type data: Brazil: Santarem. Syntypes, female. Type depository: Natural History Museum, London ; type no. 5.636a. Described: both sexes. Filed notes: Type notes III-33.
Schizaspidia cynipsea; Walker, 1871: 66. Change of combination.
Kapala cynipsea; Ashmead, 1904[238]: 473. Change of combination.
 CITATIONS: Heraty2002 [Tct].
 DISTRIBUTION: **Neotropical**: Brazil (Paraiba [Walker1862]).

***Kapala dicerodera* (Spinola)**

Eucharis dicerodera Spinola, 1853: 43. Type data: Brazil: Para. Unknown type status male. Described: male.

Kapala ? dicerodera; Ashmead, 1904: 467. Change of combination.
Kapala dicerodera; Ashmead, 1904[238]: 473. Change of combination.
 CITATIONS: Ashmea1904238 [Tct]; Heraty2002 [Tct].
 DISTRIBUTION: **Neotropical**: Brazil (Paraiba [Spinol1853]).

Kapala flabellata (Fabricius) revived status

Eucharis flabellatus Fabricius, 1804: 158. Type data: Brasilia?. Syntypes, male (examined). Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark. Described: male.

Kapala furcata; Kirby, 1886: 32. Change of status.
 CITATIONS: Heraty2002 [Tct]; Walker1846 [Tct].
 DISTRIBUTION: **Neotropical**: Brazil [Fabric1805] (Rio de Janeiro [new]).

Kapala floridana (Ashmead)

Thoracantha floridana Ashmead, 1885[29]: 95. Type data: United States: east Florida. Holotype male (examined), by monotypy. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 2827. Described: male. Notes: Feeding on flowers of *Ilex glaber*.

Thoracantha floridana; Ashmead, 1885[30]: xi-xii. Described: both sexes. Subsequent description.
Thoracantha floridana; Ashmead, 1888[45]: 11-12. Subsequent description.

Kapala floridana; Ashmead, 1892[82]: 357. Change of combination.
Kapala floridana; Heraty, 1985: 86-87. Described: both sexes. Illust. Subsequent description.
 ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pogonomyrmex badius* Latreille? [Wheele1907].

CITATIONS: Darlin1988 [Sae]; Heraty2002 [Tct].
 DISTRIBUTION: **Nearctic**: United States of America (Alabama [Heraty1985], Florida [Ashmea188845, Heraty1985], Georgia [Heraty1985], Louisiana [Heraty1985]).

Kapala furcata (Fabricius)

Eucharis furcata Fabricius, 1804: 158. Type data: Brasilia. Unknown type status female (examined). Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark. Described: female.

Eucharis furcata; Latreille, 1807: 21. Subsequent description.

Eucharis furcata; Lamarck, 1817: 160.

Eucharis furcata; Walker, 1839: 65. Subsequent description.

Thoracantha furcata; Walker, 1841: pl. P. Change of combination.

Chirocerus furcatus; Brullé, 1846: 571. Illust. Change of combination.

Chirocerus furcatus; Lucas, 1856: 752.

Chirocera furcata; Chenu [Desmarest], 1860: 161. Illust.

Schizaspidia furcata; Walker, 1871: 66. Change of combination.

Schizaspidia furcata; Walker, 1872: 65. Described: female. Illust. Change of combination.

Kapala furcata Cameron, 1884: 103, pl.5. Replacement name. Homonym.

Kapala furcata; Kieffer, 1904: 243-244. Subsequent description.

Kapala furcata; Ashmead, 1904[238]: 472. Notes: Refers to specimens in Berlin bearing MS. names: "*Thoracantha elevata* Westw., *T. spinosa* Illiger, etc."

Kapala furcata; Brues, 1907: 105-106. Notes: Probably not this species (from Brownsville, Texas).

CITATIONS: Brethe1927 [Rre]; Heraty2002 [Tct, Behavior, illustration-adult]; Walker1846 [Tct].
 DISTRIBUTION: **Nearctic**: United States of America? (Texas? [Brues1907]). **Neotropical**: Argentina [DeSant1964]; Brazil [Ashmea1904238, Brethe1927]; Costa Rica? [Camero1884]; Guatemala? [Camero1884]; Panama? [Camero1884].

Kapala inexagens (Walker)

Thoracantha inexagens Walker, 1862: 381. Type data: Brazil: Santarem. Syntypes. Type depository: Natural History Museum, London ; type no. 5.637b. Described: female.

Schizaspidia inexagens; Walker, 1871: 66. Change of combination.

Kapala inexagens; Ashmead, 1904[238]: 472. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil [Ashmea1904238, Walker1862].

Kapala iridicolor (Cameron)

Lirata iridicolor Cameron, 1904: 60. Type data: Nicaragua: Chinandega. Holotype female (examined), by monotypy. Type depository: Natural History Museum, London ; type no. 5.385.

Described: female. Filed notes: Type notes III-1.

Kapala iridicolor; Heraty & Woolley, 1993: 522. Described: both sexes. Illust. Change of combination.

CITATIONS: Heraty2002 [Tct]; HeratyWo1993 [Tns, Iad, Tsn, Tsp, Rng].

DISTRIBUTION: **Neotropical**: Nicaragua [Cameron1904].

Kapala ivorensis Risbec

Kapala ivorensis Risbec, 1954: 1086-1090. Type data: Ivory Coast: Adiopodoumé. Holotype female (examined), by monotypy. Type depository: Paris: Museum National d'Histoire naturelle, France.

Described: female. Illust. Filed notes: Type notes III-108.

CITATIONS: Heraty2002 [Tct, Behavior]; HeratyWo1993 [Rng].

DISTRIBUTION: **Afrotropical**: Cote d'Ivoire (=Ivory Coast) [Risbec1954, Heraty2002]; Cameroon [Heraty2002]; Kenya [Heraty2002]; Madagascar [Heraty2002]; Nigeria [Heraty2002]; Sierra Leone [Walker1846]; South Africa [Heraty2002]; Uganda [Heraty2002]; Zaire [Heraty2002].

Kapala pectinicornis (Latreille) new combination

Chalcis pectinicornis Latreille, 1807: 26. Type data: Unknown. Unknown type status male, type designation unknown. Type depository: Paris: Museum National d'Histoire naturelle, France.

Described: male. Notes: Type apparently lost.

Chirocerus pectinicornis; Latreille, 1829: 295. Change of combination.

Chirocera pectinicornis; Blanchard, 1840: 256. Described: male. Illust. Subsequent description.

Notes: Attributed to Latreille; only antenna illustrated, possibly belongs to *Kapala*, but flagellum with only 8 segments (Blanchard 1849, plate 113, fig.4).

CITATIONS: Blanch1849anatomy.

Kapala romandii (Guérin-Meneville) new combination

Thoracantha romandii Guérin-Meneville, 1845: 415. Type data: Colombie [Colombia]. Unknown type status female (examined), type designation unknown. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: female. Notes: Based on the original description, this species may belong to either *Kapala*, *Galearia* or *Thoracantha*. Filed notes: Type notes III-111.

Kapala romandii; Ashmead, 1904[238]: 473. Change of combination. Notes: Listed as *Thoracantha romandii* on p. 470.

Thoracantha romandii; Gemignani, 1933: 430. Notes: Unnecessary combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Colombia [Guerin1845].

Kapala sp.1

Kapala sp.1 Berry, 1947: 77-80. Illust. Notes: Oviposition on underside of malvaceous plants in Brazil.

ASSOCIATIONS: Host - **Malvaceae** [Berry1947].

CITATIONS: Berry1947 [Die, Dil, Hpl].

DISTRIBUTION: **Neotropical**: Brazil (Rio de Janeiro [Berry1947]).

Kapala splendens Ashmead

Kapala splendens Ashmead, 1904[238]: 473. Type data: Brazil: Chapada [specimen also in Carnegie Museum]. Syntypes. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 8084. Described: female. Illust.

CITATIONS: DeSant1971 [Rre]; Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Argentina [DeSant1971]; Brazil (Maranhao [Ashmead1904238]).

Kapala striaticeps (Cameron) new combination

Holcokapala striaticeps Cameron, 1913: 117. Type data: Guyana [from specimen]. Syntypes, female (examined). Type depository: Natural History Museum, London ; type no. 5.391. Described:

female. Notes: Probably same as *inexagens*. Filed notes: Type notes III-8.
DISTRIBUTION: **Neotropical**: Guyana [Camero1913].

Kapala sulcifacies (Cameron)

Lirata fulvicornis Cameron, 1904: 61. Type data: Nicaragua: Managua. Holotype male (examined), by monotypy. Type depository: Natural History Museum, London ; type no. 5.386. Described: male. Synonymy by Heraty, 1993: 522. Filed notes: Type notes III-2/3/4.

Lirata sulcifacies Cameron, 1904: 61. Type data: Nicaragua: Chinandega. Holotype male, by monotypy. Type depository: Natural History Museum, London ; type no. 5.387. Described: male. Filed notes: Type notes III-3.

Lirata nigriventris Cameron, 1904: 61-62. Type data: Nicaragua: Chinandega. Holotype female (examined), by monotypy. Type depository: Natural History Museum, London ; type no. 5.388. Described: female. Synonymy by Heraty, 1993: 522. Filed notes: Type notes III-2.

Kapala furcata; Gahan, 1940: 431. Misidentification. Notes: probably this species.

Kapala sulcifacies; Heraty & Woolley, 1993: 522. Described: both sexes. Illust. Change of combination.

CITATIONS: Heraty1989 [Sai]; Heraty2002 [Tct]; HeratyBa1990 [host record, Dim, Lhi]; HeratyDa1984 [description-Immatures, Behavior]; HeratyWo1993 [Tns, Iad, Tsn, Tsp, Rng]; HeratyWo1993 [Behavior, description-adults].

DISTRIBUTION: **Nearctic**: Mexico [HeratyWo1993]. **Neotropical**: Colombia [HeratyWo1993]; Costa Rica [HeratyWo1993]; Ecuador [HeratyWo1993]; Nicaragua [Camero1904].

Kapala terminalis Ashmead

Kapala terminalis Ashmead, 1892[82]: 358. Type data: Cuba. Syntypes (examined). Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA. Described: male.

Kapala terminalis; Gahan, 1940: 431.

ASSOCIATIONS: Host - FORMICIDAE **Ponerinae**: *Odontomachus haematodus insularis* pallens Wheeler [Clause1941].

CITATIONS: Heraty2002 [Tct]; Wolcot1948 [Hpl, Rre].

DISTRIBUTION: **Neotropical**: Cuba [Ashmea189282]; Haiti [Gahan1940].

Lasiokapala Ashmead

Lasiokapala Ashmead, 1899[157]: 240, 242. Type species: *Lasiokapala serrata* Ashmead. Subsequently designated by Ashmead, 1904: 474.

Lasiokapala; Ashmead, 1904[238]: 473-474. Subsequent description.

Lasiokapala; Heraty, 2002: 175-176. Subsequent description.

CITATIONS: Ashmea1899157 [Tkg].

Lasiokapala serrata Ashmead

Lasiokapala serrata Ashmead, 1904[238]: 474. Type data: Brazil: Chapada. Syntypes. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 60514. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil (Mato Grosso [Ashmea1904238]).

Laurella Heraty

Laurella Heraty, 2002: 177-179. Type species: *Laurella guriana* Heraty, by original designation.

Laurella bonariensis (Gemignani)

Lirata bonariensis Gemignani, 1947: 3-4. Type data: Argentina: Buenos Aires, Zelaya. Holotype female, by original designation. Type depository: MNBA; type no. 44.177. Described: both sexes. Illust.

Liratella bonariensis; DeSantis, 1969: 124. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Argentina (Buenos Aires [Gemign1947]).

Laurella guriana Heraty

Laurella guriana Heraty, 2002: 179-180. Type data: Venezuela: Guri. Holotype female (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada. Described: both sexes. Illust. DISTRIBUTION: **Neotropical**: Venezuela [Heraty2002].

Laurella vianai (Gemignani)

Parakapala vianai Gemignani, 1947: 5-6. Type data: Argentina: Chaco, Resistancia. Holotype female, by original designation. Type depository: MNBA; type no. 38.426. Described: female. Illust. *Laurella vianai*; Heraty, 2002: 180. Illust. Change of combination. CITATIONS: Heraty2002 [Tct]. DISTRIBUTION: **Neotropical**: Argentina (Chaco [Gemign1947, Heraty2002]).

Leurocharis Heraty

Leurocharis Heraty, 2002: 181-183. Type species: *Leurocharis serricornis* Heraty, by original designation.

Leurocharis serricornis Heraty

Leurocharis serricornis Heraty, 2002: 183-184. Type data: Australia: West Australia, Esperance. Holotype female (examined), by original designation. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: both sexes. Illust. DISTRIBUTION: **Australasian**: Australia (Queensland [Heraty2002], South Australia [Heraty2002], Western Australia [Heraty2002]).

Lirata Cameron

Lirata Cameron, 1884: 102. Type species: *Lirata luteogaster* Cameron, by monotypy. *Lirata*; Ashmead, 1888[45]: 187 (in key). *Lirata*; Ashmead, 1904[238]: 269,270 (key),471. *Lirata*; Gemignani, 1937: 159-160. Subsequent description. *Lirata*; Heraty, 2002: 184-186. Subsequent description. CITATIONS: Ashmea188845 [Tke, Tre]; Ashmea1899157 [Tkg]; Ashmea1904238 [Tkg]. KEYS: Heraty 2002: 186-187].

Lirata alta (Walker)

Thoracantha alta Walker, 1862: 383. Type data: Brazil. Syntypes, female. Type depository: Natural History Museum, London ; type no. 5.634. Described: female. Notes: New genus. Filed notes: Type notes III-31. Diverging straight spines. *Kapala alta*; Ashmead, 1904[238]: 472. Change of combination. CITATIONS: Heraty2002 [Tct]. DISTRIBUTION: **Neotropical**: Brazil [Ashmea1904238, Walker1862] (Sao Paulo [Heraty2002]).

Lirata batesella (Westwood)

Thoracantha batesella Westwood, 1874: 154. Type data: Brazil: Santarem. Lectotype male (examined), by **present designation**. Type depository: Oxford: Hope Entomological Collections, University Museum, England; type no. 681. Described: male. Illust. Notes: Filed notes: Type notes III-133. *Lirata batesella*; Ashmead, 1904[238]: 471. Change of combination. CITATIONS: Heraty2002 [Tct]. DISTRIBUTION: **Neotropical**: Brazil [Ashmea1904238, Westwo1874].

Lirata daguerrei Gemignani

Lirata daguerrei Gemignani, 1937: 160-161. Type data: Argentina: Entre Ríos, Concordia. Holotype female, by original designation. Type depository: MNBA; type no. 28780. Described: female. Illust. CITATIONS: Heraty2002 [Tct]. DISTRIBUTION: **Neotropical**: Argentina (Chaco [Heraty2002], Entre Rios [Gemign1937], Salta

[Heraty2002], Tucuman [Heraty2002]); Brazil [Heraty2002] (Bahia [Heraty2002], Minas Gerais [Heraty2002], Sao Paulo [Heraty2002]); Paraguay [Heraty2002].

Lirata diabla Heraty

Lirata diabla Heraty, 2002: 188-189. Type data: Brazil: Chapada. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA. Described: both sexes. Illust. DISTRIBUTION: **Neotropical**: Brazil [Heraty2002] (Minas Gerais [Heraty2002]).

Lirata luteogaster Cameron

Lirata luteogaster Cameron, 1884: 102. Type data: Panama: Island of Taboga (Champion). Syntypes, female. Type depository: Natural History Museum, London ; type no. 5.389. Described: female. Illust. Notes: Cameron errs in reference to figure 16 as *Schizaspidia luteogaster* and mislabeled same figure as *Schizaspidia flaviventris*. Filed notes: Type notes III-14.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil (Amazonas [Heraty2002]); Costa Rica [Heraty2002]; Ecuador [Heraty2002]; Panama [Cameron1884] [Heraty2002]; Venezuela [Heraty2002].

Lirata pallescens (Walker)

Thoracantha pallescens Walker, 1862: 380. Type data: Brazil: Villa Nova. Syntypes, female (examined). Type depository: Natural History Museum, London ; type no. 5.633. Described: female. Notes: Stated in original description as male, but the antennae as described by Walker are female.

Schizaspidia pallescens; Walker, 1871: 66. Change of combination.

Lirata pallescens; Shipp, 1894: 189. Change of combination.

Lirata pallescens; Ashmead, 1904[238]: 471. Described: female. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil [Ashmead1904238, Walker1862].

Lirata pustula Heraty

Lirata pustula Heraty, 2002: 190-191. Type data: Brazil: Bahia, Fazenda Sombra das Neves.

Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: female. Illust.

DISTRIBUTION: **Neotropical**: Brazil (Bahia [Heraty2002], Goias [Heraty2002]).

Lirata striatissima (Walker) revived status

Thoracantha striatissima Walker, 1862: 380. Type data: Brazil: Villa Nova. Syntypes, unknown (examined). Type depository: Natural History Museum, London ; type no. 5.631ab. Described: both sexes. Filed notes: Type notes III-13.

Schizaspidia striatissima; Walker, 1871: 66. Change of combination.

Lirata striatissimus; Shipp, 1894: 189. Change of combination. Notes: Wrongly places this species as type of *Lirata*.

Kapala striatissima; Ashmead, 1904[238]: 473. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil (Amazonas [Heraty2002], Paraiba [Walker1862]); Trinidad and Tobago [Heraty2002].

Liratella Girault

Liratella Girault, 1913[157]: 61. Type species: *Liratella nigra* Girault, by original designation.

Liratella; Heraty, 2002: 191-193. Subsequent description.

Liratella nigra Girault

Liratella nigra Girault, 1913[157]: 61-62. Type data: Paraguay: San Bernardino. Holotype female (examined), by monotypy. Type depository: Berlin: Museum fur Naturkunde der Humboldt Universitat zu Berlin, Germany. Described: both sexes. Filed notes: Type notes I-9, 4: 28.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Paraguay [Girault1913157].

Lophyrocera Cameron

Lophyrocera Cameron, 1884: 101, 103. Type species: *Lophyrocera stramineipes* Cameron.

Subsequently designated by Ashmead, 1904: 268.

Tetramelia Kirby, 1886: 31. Type species: *Schizaspidia plagiata* Walker, by original designation.

Synonymy by Heraty, 2002: 193.

Lophyrocera; Ashmead, 1888[45]: 187 (in key).

Tetramelia; Ashmead, 1888[45]: 187 (in key).

Lophyrocera; Ashmead, 1904[238]: 268, 269 (key).

Tetramelia; Ashmead, 1904[238]: 268, 269 (key).

Tetramelia; Gemignani, 1947: 9-10. Subsequent description.

Lophyrocera; Heraty, 1985: 92-93. Subsequent description.

Lophyrocera; Heraty, 2002: 191-193. Subsequent description.

CITATIONS: Ashmead188845 [Tke, Tre]; Ashmead1899157 [Tkg]; Ashmead1904238 [Tkg].

Lophyrocera apicalis Ashmead

Lophyrocera apicalis Ashmead, 1892[82]: 357. Type data: United States: California, Santa Cruz Mountains. Holotype female (examined), by monotypy. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 2141. Described: female.

Lophyrocera apicalis; Heraty, 1985: 93-95. Described: both sexes. Illust. Subsequent description.

CITATIONS: Darlin1988 [Sae]; Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: United States of America (Arizona [Heraty1985], California [Ashmead189282, Heraty1985], Colorado [Heraty1985], South Dakota [Heraty1985], Texas [Heraty1985], Washington [Heraty1985]).

Lophyrocera chilensis (Brèthes)

Tetramelia chilensis Brèthes, 1916: 26-27. Type data: Chile: La Ligua, Aconcagua (C.E. Porter, leg.).

Syntypes. Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Chile [Brèthes1916].

Lophyrocera daguerrei (Gemignani)

Tetramelia daguerrei Gemignani, 1947: 10-11. Type data: Argentina: Chaco, Resistencia. Holotype male, by original designation. Type depository: MNBA; type no. 39.559. Described: male. Illust.

Notes: Described as female

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Argentina (Chaco [Gemignani1947]).

Lophyrocera plagiata (Walker)

Schizaspidia plagiata Walker, 1862: 385. Type data: Brazil: Chapada. Unknown type status male (examined). Type depository: Natural History Museum, London ; type no. 5.627. Described: male. Filed notes: Type notes III-60.

Schizaspidia plagiata; Westwood, 1874: 152. Illust. Subsequent description.

Tetramelia plagiata; Kirby, 1886: 31. Change of combination.

CITATIONS: Ashmead1904238 [Tct]; Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil [Walker1862].

Lophyrocera pretendens (Walker) new combination

Schizaspidia pretendens Walker, 1862: 385. Type data: Brazil: Villa Nova. Syntypes, male (examined). Type depository: Natural History Museum, London ; type no. 5.625. Described: male. Filed notes: Type notes III-59.

CITATIONS: Ashmead1904238 [Tct]; Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil [Walker1862].

Lophyrocera stramineipes Cameron

Lophyrocera stramineipes Cameron, 1884: 103-104, pl.V. Type data: Panama: Volcan de Chiriqui.

Syntypes, female (examined), type designation unknown. Type depository: Natural History Museum, London . Described: female. Illust. Filed notes: Type notes III-54/55.

CITATIONS: Camero1884anatomy; Heraty2002 [Tct].
 DISTRIBUTION: **Neotropical**: Panama [Camero1884].

Mateucharis Boucek & Watsham

Mateucharis Boucek & Watsham, 1982: 155-156. Type species: *Mateucharis glabra* Boucek & Watsham, by original designation.
Mateucharis; Heraty, 2002: 196-198. Subsequent description.

Mateucharis glabra Boucek & Watsham

Mateucharis glabra Boucek & Watsham, 1982: 156. Type data: Zimbabwe: Chishawasha near Harare (=Salisbury). Holotype female, by original designation. Type depository: Natural History Museum, London. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Kenya [Heraty2002]; South Africa [BoucekWa1982]; Zimbabwe [BoucekWa1982] [Heraty2002].

Mateucharis rugulosa Heraty

Mateucharis rugulosa Heraty, 2002: 199. Type data: Zimbabwe: Harare, St. Ignatius. Holotype female (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada. Described: both sexes. Illust.

ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Camponotus* sp. [Heraty2002].

DISTRIBUTION: **Afrotropical**: Tanzania [Heraty2002]; Zimbabwe [Heraty2002].

Mateucharis watshami Heraty

Mateucharis watshami Heraty, 2002: 200. Type data: Democratic Republic of Congo: Route Bikoro. Holotype female (examined), by original designation. Type depository: Tervuren: Musee Royal de l'Afrique Centrale, Section d'Entomologie, Belgium. Described: female. Illust.

DISTRIBUTION: **Afrotropical**: Zaire [Heraty2002].

Mictocharis Heraty

Mictocharis Heraty, 2002: 200-202. Type species: *Schizaspidia ruficollis* Risbec, by original designation.

Mictocharis ruficollis (Risbec) new combination

Schizaspidia ruficollis Risbec, 1952: 401-404. Type data: Madagascar: Bekliy. Holotype male (examined), by monotypy. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: male. Illust. Filed notes: Type notes III-116.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Madagascar [Risbec1952].

Neostilbula Heraty

Neostilbula Heraty, 2002: 202-204. Type species: *Orasema ranomafanae* Risbec, by original designation.

Neostilbula ranomafanae (Risbec)

Orasema ranomafanae Risbec, 1952: 410. Type data: Madagascar: Ranomafana. Syntypes (examined). Type depository: MNHP. Described: male. Illust.

Stilbula ranomafanae; Heraty, 1994. Change of combination.

Neostilbula ranomafanae; Heraty, 2002: 204. Described: both sexes. Illust. Change of combination.

DISTRIBUTION: **Afrotropical**: Madagascar [Risbec1952].

Obeza Heraty

Obeza Heraty, 1985: 87-88. Type species: *Lophyrocera floridana* Ashmead, by original designation.

Obeza; Heraty, 2002: 204-206. Subsequent description.

KEYS: Heraty 1985: 90 [North America].

Obeza floridana (Ashmead)

Lophyrocera floridana Ashmead, 1888[45]: 187. Type data: United States: Florida. Holotype male (examined), by monotypy. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 41192. Described: male.

Lophyrocera floridana; Ashmead, 1892[82]: 357.

Lophyrocera sp.; Ashmead, 1896[119]: 214. Described: male. Subsequent description. Notes: Through a printers error, no species name was placed with this description. Ashmead wrote *Lophyrocera nigriceps* n. sp. into a reprint in the USNM collection, but this is not valid. Ashmead described the male as different from *L. floridana* Ashmead, but I assume that this is just a more lightly coloured individual.

Stilbula floridana; Gahan, 1940: 435-436. Described: both sexes. Change of combination.

Obeza floridana; Heraty, 1985: 90-91. Described: both sexes. Illust. Change of combination.

ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Camponotus Abdominalis floridanus* (Buckley) [DavisJo1990].

CITATIONS: DavisJo1990 [host record, Lhi]; DeSant1981 [Tct]; Heraty2002 [Tct, Behavior]; HeratyBa1990 [host record, Dim, Lhi].

DISTRIBUTION: **Nearctic**: United States of America (Florida [Heraty1985], Georgia [Heraty1985]). **Neotropical**: Cuba [DeSant1981].

Obeza grenadensis (Howard)

Stilbula grenadensis Howard, 1886: 133. Type data: West Indies: Grenada. Unknown type status female (examined). Type depository: Natural History Museum, London . Described: female. Filed notes: Type notes III-56/57.

Obeza grenadensis; Heraty, 1985: 88. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Grenada [Howard1896].

Obeza maculata (Westwood)

Schizaspidea maculata Westwood, 1874: 153. Type data: Brazil. Unknown type status female. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: female. Illust. Filed notes: Type not seen.

Orasema maculata; Kirby, 1886: 29. Change of combination.

Schizaspidea maculata; Gemignani, 1947: 11-12. Described: female. Illust. Subsequent description.

Obeza maculata; Heraty, 1985: 88. Change of combination.

Obeza maculata; Heraty, 1985: ???. Change of combination.

CITATIONS: Ashmea1904238 [Tct]; Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil [Ashmea1904238].

Obeza meridionalis (Kirby)

Tetramelia meridionalis Kirby, 1889: 144. Type data: Brazil. Holotype female (examined), by monotypy. Type depository: Natural History Museum, London ; type no. 5.383. Described: female. Filed notes: Type notes III-58.

Obeza meridionalis; Heraty, 1985: 88. Change of combination.

CITATIONS: Ashmea1904238 [Tct]; Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil [Kirby1889].

Obeza nigriceps (Ashmead) new combination

Stilbula nigriceps Ashmead, 1904[238]: 468-469. Type data: Brazil: Santarem. Holotype male, by monotypy. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA. Described: male. Illust.

Stilbula nigriceps; Girault, 1913[157]: 62. Described: male. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil [Ashmea1904238].

Obeza nigromaculata (Cameron)

Lophyrocera nigromaculata Cameron, 1884: 104, pl.V. Type data: Nicaragua: Chontales. Syntypes, male (examined). Type depository: Natural History Museum, London . Described: male. Illust. Filed notes: Type notes III-55.

Obeza nigromaculata; Heraty, 1985: 90. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Nicaragua [Camero1884].

Obeza semifumipennis (Girault)

Stilbula semifumipennis Girault, 1911[88]: 392-395. Type data: Paraguay: Asuncion. Holotype male, by original designation. Type depository: Berlin: Museum fur Naturkunde der Humboldt

Universitat zu Berlin, Germany; type no. 31928. Described: male. Filed notes: Type notes 4: 11.

Obeza semifumipennis; Heraty, 1985: 90. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Paraguay [Giraul191188].

Obeza septentrionalis (Brues)

Lophyrocera nigromaculata; Ashmead, 1892[82]: 357. Misidentification.

Schizaspidia septentrionalis Brues, 1907: 104-105. Type data: United States: Arizona, Huachuca Mountains. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 42707. Described: female.

Stilbula septentrionalis; Gahan, 1940: 435-436. Described: female. Change of combination.

Obeza septentrionalis; Heraty, 1985: 91-92. Described: both sexes. Illust. Change of combination.

CITATIONS: Ashmea189282 [Tre]; DeSant1989 [Tct]; Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: Mexico [Heraty1985, DeSant1989]; United States of America (Arizona [Heraty1985, Brues1907], New Mexico [Heraty1985], Texas [Heraty1985]).

Parakapala Gemignani

Parakapala Gemignani, 1937: 165-166. Type species: *Parakapala decarloi* Gemignani, by original designation.

Parakapala; Heraty, 2002: 208-210. Subsequent description.

Parakapala decarloi Gemignani

Parakapala decarloi Gemignani, 1937: 165-166. Type data: Argentina: Corrientes (city). Holotype male, by original designation. Type depository: MNBA; type no. 37882. Described: male. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Argentina.

Parakapala nigrella (Girault) new combination

Liratella nigrella Girault, 1913[157]: 62. Type data: Paraguay: San Bernardino. Holotype male, by original designation. Type depository: Berlin: Museum fur Naturkunde der Humboldt Universitat zu Berlin, Germany. Described: male. Filed notes: Type notes IV: 29.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Paraguay [Giraul1913157].

Parakapala reflexa (Walker) new combination

Thoracantha reflexa Walker, 1862: 382. Type data: Brazil: Santarem. Syntypes, female. Type depository: Natural History Museum, London ; type no. 5.638. Described: female. Filed notes: Type notes III-35.

Schizaspidia reflexa; Walker, 1871: 66. Change of combination.

Kapala reflexa; Ashmead, 1904[238]: 473. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil (Paraiba [Walker1862]); Paraguay [Heraty2002].

Parapsilogastrus Ghesquière

Psilogasteroides Girault, 1913[175]: 93-94. Type species: *Eucharis fausta* Walker, by original designation. Homonym; discovered by Girault, 1915[241]: 232. Notes: Preoccupied by

Psilogasteroides Brethes, 1910.

Parapsilogaster Girault, 1915[241]: 232. Replacement name. Homonym. Notes: Preoccupied by

Parapsilogaster Bigot, 1882.

Parapsilogastrus Ghesquière, 1946: 368. Replacement name.

Parapsilogastrus; Heraty, 2002: 210-213. Subsequent description.
KEYS: Heraty 2002: 213]; Heraty 2002: 213].

Parapsilogastrus fausta (Walker)

Eucharis fausta Walker, 1839b: 10-11. Type data: Australia: Tasmania, Hobart. Lectotype female (examined), by subsequent designation Boucek, 1988: 527. Type depository: Natural History Museum, London ; type no. 5.616. Described: male. Filed notes: Type notes II-59, III-70[!].

Epimetegea fausta Walker, 1862: 10. Type data: Australia: Tasmania, Hobart. Syntypes. Type depository: Natural History Museum, London . Described: male.

Stilbula fausta; Walker, 1871: 66. Change of combination.

Psilogasteroides fausta; Girault, 1913[175]: 94. Change of combination.

Parapsilogaster fausta; Girault, 1915[241]: 232. Described: male. Change of combination. Notes: Walker's description repeated (in Latin).

Epimetegea phidiasae Girault, 1940[459]: 325. Type data: Australia: A.C.T. Holotype male. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: male. Synonymy by Boucek, 1988: 527.

Parapsilogastrus fausta; Ghesqui re, 1946: 368. Change of combination.

Epimetegea fausta; Hedqvist, 1978: 242, 243. Change of combination. Notes: (name misspelt as *faustus* as incorrectly stated as type of *Epimetegea*).

Epimetegea phidiasae; Dahms, 1986: 409.

Parapsilogastrus fausta; Boucek, 1988: 527. Change of combination.

CITATIONS: Heraty2000 [Behavior]; Heraty2002 [Tct]; Walker1846 [Tct].

DISTRIBUTION: **Australasian**: Australia (Capital Territory [Heraty2002], New South Wales [Heraty2002], Tasmania [Heraty2002], Victoria [Heraty2002]).

Parapsilogastrus longicornis Heraty

Parapsilogastrus longicornis Heraty, 2002: 214-215. Type data: New Guinea: Neth., Swart Valley. Holotype male (examined), by original designation. Type depository: Honolulu: Bernice P. Bishop Museum, Dept. Ent. Coll., HI, USA. Described: male. Illust.

CITATIONS: Heraty2002anatomy.

DISTRIBUTION: **Australasian**: Papua New Guinea [Heraty2002].

Parapsilogastrus pilosus Heraty

Parapsilogastrus pilosus Heraty, 2002: 215-216. Type data: China: Hainan I., Tien Fong Mtns.

Holotype male (examined), by original designation. Type depository: Natural History Museum, London . Described: male. Illust.

DISTRIBUTION: **Oriental**: China (Hainan [Heraty2002]).

Parapsilogastrus rugosus Heraty

Parapsilogastrus rugosus Heraty, 2002: 216-217. Type data: Papua New Guinea: Neth.,

Ind.-American New Guinea Exped., Sigi Camp. Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: both sexes. Illust.

DISTRIBUTION: **Australasian**: Papua New Guinea [Heraty2002].

Parapsilogastrus ulyanovi (Girault)

Epimetegea ulyanovi Girault, 1940[459]: 325. Type data: Australia: A.C.T., Blundells. Holotype female, by monotypy. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: female. Notes: Probably same as *fausta* (Boucek, 1988).

Epimetegea ulyanovi; Dahms, 1986: 607-608.

Parapsilogastrus ulyanovi; Boucek, 1988: 527. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Capital Territory [Giraul1940459]).

Pogonocharis Heraty

Pogonocharis Heraty, 2002: 217-218. Type species: *Pogonocharis browni* Heraty, by original designation.

Pogonocharis browni Heraty

Pogonocharis browni Heraty, 2002: 219-220. Type data: Sulawesi: S. Celebes, 5-8 km NE Tanete. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA. Described: both sexes. Illust. Notes: Collected over nest of *Gnamptogenys menadensis* (Mayr). ASSOCIATIONS: Associate - FORMICIDAE **Ponerinae**: *Gnamptogenys menadensis* (Mayr) [Heraty2002]. DISTRIBUTION: **Oriental**: Indonesia (Sulawesi (=Celebes) [Heraty2002]).

Pseudochalcura Ashmead

Pseudochalcura Ashmead, 1904[238]: 268, 269, 468. Type species: *Eucharis gibbosa* Provancher, by original designation.
Pseudochalcura; Ashmead, 1904[238]: 268, 270 (key).
Pseudochalcura; Heraty, 1985: 95-96.
Pseudochalcura; Heraty, 1986: 187. Subsequent description.
Pseudochalcura; Heraty, 2002: 220-222. Subsequent description.
CITATIONS: Ashmead1904238 [Tkg].
KEYS: Heraty 1986: 187-189 [New World]; Heraty 1985: 95-96 [North America].

Pseudochalcura americana (Howard)

Chalcura americana Howard, 1894: 85. Type data: West Indies: St. Vincent. Holotype female (examined), by monotypy. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 2713. Described: female. *Stilbula americana*; DeSantis, 1979: 102. Change of combination.
Pseudochalcura americana; Heraty, 1986: 189-191. Described: both sexes. Illust. Change of combination.
CITATIONS: Heraty2002 [Tct].
DISTRIBUTION: **Nearctic**: United States of America (Florida). **Neotropical**: Argentina; Brazil (Mato Grosso [new]); Colombia; Dominican Republic; Ecuador; Panama; Paraguay [new].

Pseudochalcura atra Heraty

Pseudochalcura atra Heraty, 1986: 202. Type data: Mexico: Baja California, Cabo Falso. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA. Described: female. Illust.
CITATIONS: Heraty2002 [Tct].
DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur [Heraty1986]).

Pseudochalcura chilensis Kieffer

Pseudochalcura chilensis Kieffer, 1904: 242. Type data: Chili[Chile]: fôrets. Lectotype male (examined), by subsequent designation Heraty, 1986: 205. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: male.
Pseudochalcura chilensis; Heraty, 1986: 205. Described: both sexes. Illust. Subsequent description.
CITATIONS: DeSant1979 [Tct]; Heraty2002 [Tct].
DISTRIBUTION: **Neotropical**: Chile [Kieffe1904].

Pseudochalcura condylus Heraty

Pseudochalcura condylus Heraty, 1986: 207. Type data: West Indies, Trinidad: St. Augustine. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA. Described: both sexes. Illust.
CITATIONS: Heraty2002 [Tct].
DISTRIBUTION: **Neotropical**: Dominican Republic [Heraty1986]; Saint Kitts and Nevis Islands [Heraty1986]; Trinidad and Tobago (Trinidad [Heraty1986]).

Pseudochalcura excrucata Heraty

Pseudochalcura excrucata Heraty, 1986: 191-192. Type data: Brazil: Caruaru, Pernambuco. Holotype male (examined), by original designation. Type depository: Ottawa: Canadian National

Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada.

Described: male.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil.

Pseudochalcura frustrata Heraty

Pseudochalcura frustrata Heraty, 1986: 194-195. Type data: Argentina: Catamarca, El Suncho.

Holotype male (examined), by original designation. Type depository: MLA. Described: male.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Argentina [Heraty1986].

Pseudochalcura gibbosa (Provancher)

Eucharis gibbosa Provancher, 1881: 292. Type data: Canada (eastern?). Lectotype female, by subsequent designation Gahan & Rowher, 1917. Type depository: LAVU; type no. 462.

Described: female.

Chalcura gibbosa; Ashmead, 1892[82]: 355. Change of combination.

Chalcura californica Ashmead, 1892[82]: 356. Type data: United States: California, Santa Cruz Mountains. Holotype male (examined), by monotypy. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 2139. Described: male. Synonymy by Heraty, 1985: 195.

Pseudochalcura gibbosa; Ashmead, 1904: 268. Change of combination.

Chalcura arizonensis Crawford, 1914: 29. Type data: United States: Arizona, Stone Cabin Cañon, Santa Rita Mtns. Holotype female (examined), by monotypy. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 16702. Described: female. Synonymy by Heraty, 1986: 195.

Chalcura gibbosa; Viereck, 1916: 526. Described: female. Subsequent description.

Pseudochalcura arizonensis; Muesebeck et al., 1951: 515. Change of combination.

Pseudochalcura californica; Muesebeck et al., 1951: 515. Change of combination.

Pseudochalcura gibbosa; Heraty, 1986: 195-201. Described: both sexes. Illust. Subsequent description.

ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Camponotus novaeboracensis* (Fitch) [Wheeler1910].

CITATIONS: Burks1963 [Tit]; Cook1905 [Lhi]; Darlin1988 [Sae]; Heraty2002 [Tct];

PierceMo1914 [Lhi]; Provan1883anatomy.

DISTRIBUTION: **Nearctic**: Canada (Alberta [Heraty1986], British Columbia, Manitoba, New Brunswick, Northwest Territories, Ontario, Quebec [Muesebeck1951], Saskatchewan, Yukon Territory); United States of America (Alaska, Arkansas, California, Colorado, Idaho, Michigan [Muesebeck1951], Minnesota, Mississippi, Missouri, Montana, Nevada, New Hampshire, New Mexico, Oklahoma, Oregon, Texas, Utah, Washington, Wisconsin).

Pseudochalcura liburna Heraty

Pseudochalcura liburna Heraty, 1985: 96. Unavailable name. Notes: Name published in key prior to subsequent work.

Pseudochalcura liburna Heraty, 1986: 191. Type data: United States: Florida, Big Pine Key.

Holotype female (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: United States of America (Florida).

Pseudochalcura nigrocyanea Ashmead

Pseudochalcura nigrocyanea Ashmead, 1904[238]: 468. Type data: Brazil: Matto Grosso, Chapada.

Lectotype male (examined), by subsequent designation Heraty, 1986: 193. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 8082. Described: male.

Pseudochalcura nigrocyanea; Heraty, 1986: 193-194. Described: both sexes. Illust. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical:** Brazil (Mato Grosso [Ashmea1904238, Heraty1986]); Uruguay [Heraty1986]; Venezuela.

Pseudochalcura pauca Heraty

Pseudochalcura pauca Heraty, 1986: 202-205. Type data: Argentina: Cordoba, 5 mi N Dean Funes. Holotype female (examined), by original designation. Type depository: San Francisco: California Academy of Sciences, Dept. Ent., CA, USA. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical:** Argentina [Heraty1986].

Pseudochalcura prolata Heraty

Pseudochalcura prolata Heraty, 1986: 205-207. Type data: Argentina: Chaco, Resistance. Holotype female (examined), by original designation. Type depository: MNBA. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical:** Argentina; Uruguay.

Pseudochalcura sculpturata Heraty

Pseudochalcura sculpturata Heraty, 1985: 96. Unavailable name. Notes: Name published in key prior to publication of subsequent work.

Pseudochalcura sculpturata Heraty, 1986: 207-209. Type data: Brazil: Caruaru, Pernambuco.

Holotype female (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Nearctic:** United States of America (Florida). **Neotropical:** Brazil (Goias).

Pseudochalcura septuosa Heraty

Pseudochalcura septuosa Heraty, 1986: 201-202. Type data: Mexico: Guerrero, Chilpancingo.

Holotype female (examined), by original designation. Type depository: Cambridge: Museum of Comparative Zoology, Entomology Department, Harvard University, MA, USA. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Nearctic:** Mexico [Heraty1986].

Pseudometagea Ashmead

Pseudometagea Ashmead, 1899[157]: 239, 241 (key). Type species: *Metagea schwarzii* Ashmead. Subsequently designated by Ashmead, 1904[238]: 267.

Pseudometagea; Ashmead, 1904[238]: 267, 269 (key).

Pseudometagea; Burks, 1961: 253-254. Subsequent description.

Pseudometagea; Heraty, 1985: 66-68. Subsequent description.

Pseudometagea; Heraty, 2002: 224-226. Subsequent description.

CITATIONS: Ashmea1899157 [Tkg]; Ashmea1904238 [Tkg].

KEYS: Heraty 1985: 68, 70 [Nearctic]; Burks 1961: 254 (adult) [Nearctic].

Pseudometagea bakeri Burks

Pseudometagea bakeri Burks, 1961: 256-257. Type data: United States: Colorado, Fort Collins.

Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 65750. Described: both sexes.

Pseudometagea bakeri; Heraty, 1985: 75-77. Illust. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Nearctic:** Canada (Alberta [Heraty1985], British Columbia [Heraty2002], Saskatchewan [Heraty1985]); United States of America (Colorado [Burks1961, Heraty1985], Iowa [Burks1961, Heraty1985], Minnesota [Heraty1985], Montana [Heraty1985], New Mexico [Heraty1985], North Dakota [Heraty1985], South Dakota [Heraty1985], Utah [Heraty1985]).

Pseudometagea barberi Heraty

Pseudometagea barberi Heraty, 1985: 70-72. Type data: Canada: Ontario, Pinery Park, Grand Bend.

Holotype male (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada.
Described: male. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: Canada (Ontario [Heraty1985]); United States of America (New York [Heraty2002]).

Pseudometagea hirsuta Heraty

Pseudometagea hirsuta Heraty, 1985: 77-78. Type data: United States: Coalifornia, Oroville.

Holotype female (examined), by original designation. Type depository: San Francisco: California Academy of Sciences, Dept. Ent., CA, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: United States of America (California [Heraty1986]).

Pseudometagea montana (Ashmead)

Stibula[!] montana Ashmead, 1890[69]: 24-25, 45. Type data: United States: Colorado, West Cliff.

Lectotype female (examined), by subsequent designation Heraty, 1985: 82. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 2131. Described: female. Notes: Misspelling of generic epithet.

Stilbula montana; Ashmead, 1892[82]: 356. Justified emendation.

Stilbula montana; Heraty & Darling, 1984: ??.

Pseudometagea montana; Heraty, 1985: 81-83. Described: both sexes. Illust. Change of combination.

CITATIONS: Darlin1988 [Sae]; Heraty2002 [Tct]; HeratyDa1984 [Dim, Iim, Bov].

DISTRIBUTION: **Nearctic**: Canada (Alberta [Heraty1985], New Brunswick [Heraty1985], Nova Scotia [Heraty1985], Ontario [Heraty1985], Prince Edward Island [Heraty1985], Quebec [Heraty1985], Saskatchewan [Heraty1985]); United States of America (Colorado [Ashmea189069, Heraty1985], Michigan [Heraty1985], Minnesota [Heraty1985], Montana [Heraty1985], New Mexico [Heraty1985], North Dakota [Heraty1985], Oregon [Heraty1985], Oregon [Heraty2002], South Dakota [Heraty2002], Wyoming [Heraty1985]).

Pseudometagea nefrens Heraty

Pseudometagea nefrens Heraty, 1985: 83-84. Type data: Canada: Alberta, Medicine Hat. Holotype female (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada.
Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: Canada (Alberta [Heraty1985], Ontario [Heraty2002]); United States of America (Idaho [Heraty1985], Michigan [Heraty1985], Minnesota [Heraty1985], Montana [Heraty1985], Nebraska [Heraty2002], Pennsylvania [Heraty1985]).

Pseudometagea occipitalis Heraty

Pseudometagea occipitalis Heraty, 1985: 78-79. Type data: United States: Montana, 11 mi E of Libby. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: Canada (Alberta [Heraty1985], British Columbia [Heraty1985]); United States of America (Arizona [Heraty1985], Colorado [Heraty1985], Montana [Heraty1985]).

Pseudometagea rugosa Heraty

Pseudometagea rugosa Heraty, 1985: 80. Type data: Mexico: Durango, El Salto, 3000m. Holotype female (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada.
Described: both sexes. Illust.

CITATIONS: DeSant1989 [Tct]; Heraty2002 [Tct].

DISTRIBUTION: **Nearctic**: Mexico.

Pseudometagea schwarzii (Ashmead)

Metagea schwarzii Ashmead, 1892[82]: 356. Type data: United States: District of Columbia, Washington. Lectotype female (examined), by subsequent designation Burks, 1961: 255. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 2140. Described: both sexes.

Pseudometagea schwarzii; Ashmead, 1900[178]: 555. Change of combination.

Pseudometagea schwarzii; Ashmead, 1904[238]: 267, 386.

Pseudometagea schwarzii; Wheeler, 1907: 12. Notes: Biology.

Pseudometagea schwarzii; Viereck, 1916: 525. Described: both sexes. Subsequent description.

Pseudometagea hillmeadia Girault, 1916[300]: 113. Type data: United States: Maryland, Glendale. Holotype female (examined), by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 20319. Described: female. Synonymy by Burks, 1961: 255.

Pseudometagea schwarzii; Burks, 1961: 255-256. Described: both sexes. Subsequent description.

Pseudometagea schwarzii; Ayre, 1962: 157-164.

Pseudometagea schwarzii; Heraty, 1985: 72-75. Described: both sexes. Illust. Subsequent description.

ASSOCIATIONS: Hosts - FORMICIDAE **Formicinae**: *Lasius* sp. [HeratyDa1984], *Lasius neoniger* Emery [Ayre1962].

CITATIONS: Ayre1962 [Dim, Iim, Lde, host record]; Darlin1988 [Sae]; Heraty2002 [Tct]; HeratyDa1984 [Dim, Iim, Bov]; Johnso1988 [Lhi]; Oatman1964anatomy; Peck1951 [Tct]; Smith1899 [Rre]; Wheele1907anatomy.

DISTRIBUTION: **Nearctic**: Canada (Alberta [Heraty1985], New Brunswick [Heraty1985], Ontario [Heraty1985], Quebec [Burks1961, Heraty1985]); United States of America (Colorado [MuesebeKrTo1951, Heraty1985], Delaware [Heraty1985], District of Columbia [MuesebeKrTo1951], Georgia [Heraty1985], Illinois [Smith1899, Heraty1985], Indiana [Heraty1985], Iowa [Burks1961, Heraty1985], Maryland [Heraty1985], Maryland [Smith1899, Ashmead189282, Heraty1985], Massachusetts [Heraty1985], Michigan [Heraty1985], Minnesota [Heraty1985], Missouri [Heraty1985], Nebraska [Heraty1985], New Hampshire [Heraty1985], New Jersey [Heraty1985], New Jersey [MuesebeKrTo1951, Heraty1985], New York [Heraty1985], North Carolina [Heraty1985], Ohio [Heraty1985], Pennsylvania [Smith1899, Heraty1985], Tennessee [Heraty1985], West Virginia [Heraty1985], Wisconsin [Burks1961, Oatman1964]).

Rhipipalloidea Girault

Rhipipalloidea Girault, 1934[442]: 1[306]. Type species: *Rhipipalloidea mira* Girault, by monotypy.

Rhipipalloidea; Maeyama, Machida & nd Terayama, 1999: 305. Subsequent description.

Rhipipalloidea; Heraty, 2002: 229-231. Subsequent description.

KEYS: Maeyama, Machida & nd Terayama 1999: 305].

Rhipipalloidea mandagensis Maeyama, Machida & nd Terayama

Rhipipalloidea mandagensis Maeyama, Machida & nd Terayama, 1999: 305-307. Type data: Papua New Guinea: Mandang Prov., Mandang. Holotype female, by original designation. Type depository: NIAS. Described: both sexes. Illust.

ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Camponotus (Tanaemyrmex)* sp. [MaeyamaMaTe1999].

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Papua New Guinea [MaeyamaMaTe1999].

Rhipipalloidea mira Girault

Rhipipalloidea mira Girault, 1934[442]: 1[306]. Type data: Australia: Victoria, Echuca. Holotype female, by monotypy. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. T.9225. Described: female. Filed notes: jaws bidentate; antenna 8-segmented; scutellum bidentate; clypeus striate; funicles spined; labrum 4-digitate.

Rhipipalloidea gruberi Girault, 1940[459]: 326. Type data: Australia: New South Wales, Mount Kosciusko. Holotype female, by monotypy. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: female. Synonymy by Maeyama, Machida & nd Terayama, 1999: 307.

Rhipipallus mirus; Hedqvist, 1978: 244. Change of combination.

Rhipipallus gruberi; Hedqvist, 1978: 530. Change of combination.

Rhipipalloidea gruberi; Dahms, 1984: 670.

Rhipipalloidea mira; Dahms, 1984: 823.

Rhipipalloidea gruberi; Boucek, 1988: 530. Change of combination. Notes: Probably smaller form of *mira*.

Rhipipalloidea mira; Boucek, 1988: 530. Change of combination.

Rhipipalloidea mira; Maeyama, Machida & Terayama, 1999: 307-302. Illust. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Giraul1940459], Victoria [Giraul1934442]).

Risbecia Heraty

Risbecia Heraty, 2002: 231-233. Type species: *Risbecia unispina* Heraty, by original designation.

Risbecia unispina Heraty

Risbecia unispina Heraty, 2002: 233-234. Type data: South Africa: Cape Province, Hogsback.

Holotype female (examined), by original designation. Type depository: Pretoria: South African National Collection of Insects, South Africa. Described: both sexes. Illust.

DISTRIBUTION: **Afrotropical**: South Africa [Heraty2002].

Saccharissa Kirby

Saccharissa Kirby, 1886: 37. Type species: *Eucharis contigens* Walker, by original designation.

Saccharissa; Ashmead, 1904[238]: 267, 269 (in key).

Saccharissa; Heraty, 2002: 234-236. Subsequent description.

CITATIONS: Ashmead1899157 [Tkg]; Ashmead1904238 [Tkg].

KEYS: Heraty 2002: 236-237].

Saccharissa alcocki Heraty

Saccharissa alcocki Heraty, 2002: 237-238. Type data: unknown, paratype from Thailand?.

Holotype female (examined), by original designation. Type depository: CMNH. Described: female. Illust.

DISTRIBUTION: **Oriental**: Thailand? [Heraty2002].

Saccharissa contigens (Walker)

Eucharis contigens Walker, 1862: 378. Type data: Borneo. Syntypes, female (examined). Type depository: Natural History Museum, London ; type no. 5.605. Described: female. Filed notes: Type notes III-99.

Schizaspidia contigens; Walker, 1872: 66. Change of combination.

Saccharissa contigens; Kirby, 1886: 37. Change of combination. Notes: Also provided unjustified emendation of name.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Malaysia (Sarawak [Walker1862]).

Saccharissa latifurca Boucek

Saccharissa latifurca Boucek, 1988: 533, f.967. Type data: Australia: Queensland, Meringa.

Holotype male, by original designation. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: both sexes. Illust. Filed notes: Dark purplish blue; flagellum 12-segmented.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Northern Territory [Heraty2002], Queensland [Boucek1988]).

Saccharissa vicina (Masi)

Schizaspidia vicina Masi, 1926: 366-370. Type data: Taiwan: Kankau (Koshun). Syntypes, both sexes. Type depository: Eberswalde: [formerly: Deutsches Entomologisches Institut], Inst. für Pflanzenschutzforschung, Germany. Described: both sexes. Illust. Filed notes: Type notes 4: 16.

Saccharissa vicina; Boucek, 1988: 533. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Taiwan [Heraty2002] [Masi1926, Heraty2002].

Schizaspidia Westwood

Schizaspidia Westwood, 1835: 69. Type species: *Schizaspidia furcifera* Westwood, by monotypy.

Schizaspidia; Brullé, 1846: 573. Subsequent description.

Schizaspidia; Ashmead, 1888[45]: 187 (in key).

Laetocantha Shipp, 1894: 188. Type species: *Thoracantha nasua* Walker, by original designation.

Synonymy by Baltazar, 1961: 394.

Laetocantha; Ashmead, 1904[238]: 268, 270 (key).

Schizaspidia; Ashmead, 1904[238]: 268, 269 (key).

Psygmatochera Enderlein, 1912: 146. Type species: *Psygmatochera ceylonica* Enderlein, by original designation. Synonymy by Baltazar, 1961: 394.

Neokapala Girault, 1913[159]: 92. Type species: *Neokapala furcatella* Girault (= *Astilbula aenea* Girault), by original designation. Synonymy by Hedqvist, 1978: 231.

Kapatella Girault, 1932[437]: 4[289]. Type species: *Kapatella transstriata* Girault (= *Astilbula aenea* Girault), by monotypy. Synonymy by Hedqvist, 1978: 231.

Thoracanthella Girault, 1940[459]: 323. Type species: *Thoracanthella emersoni* Girault, by original designation. Synonymy by Hedqvist, 1978: 231.

Kapaloides Mani, 1944: 155. Type species: *Kapaloides travancorensis* Mani, by original designation. Synonymy by Hedqvist, 1978: 227.

Schizaspidia; Hedqvist, 1978: 231. Subsequent description.

Schizaspidia; Heraty, 2002: 239-242. Subsequent description.

CITATIONS: Ashmead188845 [Tke, Tre]; Ashmead1899157 [Tkg; and as *Laetocantha*];

Ashmead1904238 [Tkg]; Brues1934 [Ttd, Tks]; Darlin1988 [Sae].

KEYS: Narendran 1985: 608-609 [India]; Hedqvist 1978: 237-239 [Australasian region]; Brues 1934: 205-206 (adult) [Australia (three genera treated as *Schizaspidia*)].

Schizaspidia aenea (Girault)

Astilbula aenea Girault, 1913[159]: 101. Type data: Australia: Queensland, Gordonvale. Holotype male, by original designation. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. Hy.3283. Described: male.

Neokapala furcatella Girault, 1913[175]: 92. Type data: Australia: Queensland, Cairns. Holotype female, by original designation. Type depository: Adelaide: South Australian Museum, South Australia, Australia; type no. I.1278. Described: female. Synonymy by Hedqvist, 1978: 240.

Epimetaea aenea Girault, 1915[241]: 227. Described: male. Synonymy by Hedqvist, 1978: 239. Notes: Description repeated, treated as synonymy by Hedqvist.

Neokapala furcatella Girault, 1915[241]: 231. Described: female. Synonymy by Hedqvist, 1978: 239. Notes: Description repeated.

Kapatella transstriata Girault, 1932[437]: 4[289]. Type data: Australia: Queensland, Gordonvale. Syntypes. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. T.10016. Described: female. Synonymy by Hedqvist, 1978: 240. Notes: [? Nelson, A.P. Dodd in original description - CHECK] Filed notes: from *N. furcatella*: coxae concolourous, scutum-parapside striate, so axillae scutellum but longitudinally; antennae brown 11 equal 3 but wider, 4 a bit shorter, a bit produced, rest to 11 more produced, shorter, equal.

Schizaspidia aenea; Hedqvist, 1978: 240. Change of combination.

Astilbula aenea; Dahms, 1983: 12.

Neokapala furcatella; Dahms, 1984: 635.

Kapatella transstriata; Dahms, 1986: 592.

Schizaspidia aenea; Boucek, 1988: 534. Notes: Unsure of species synonymy. New Records.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia [Girault1932437].

Schizaspidia andamanensis (Mani)

Kapaloides andamanensis Mani, 1944: 156. Type data: India: Andaman Island. Unknown type status. Type depository: ZSI.

Schizaspidia andamanensis; Narendran, 1985: 609. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental:** India (Andaman Islands [Narend1985a]).

Schizaspidia antennata Gahan

Schizaspidia antennata Gahan, 1940: 433-434. Type data: East Malaysia [Federated Malay States: Kuala Lumpur. Syntypes (examined). Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 53551. Described: both sexes.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian:** Fiji [new]. **Oriental:** Malaysia (Malaya [Gahan1940]).

Schizaspidia batuensis Hedqvist

Schizaspidia batuensis Hedqvist, 1978: 232. Type data: Philippines: Tawi Tawi, Tarawakan, north of Batu Batu. Holotype male, by original designation. Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark. Described: male. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental:** Philippines.

Schizaspidia brevifuniculata Narendran

Schizaspidia brevifuniculata Narendran, 1985a: 606. Type data: India: Kerala, South Malabar, Chettiyarmad. Holotype female. Type depository: DZUC. Described: female. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental:** India (Kerala [Narend1985a]).

Schizaspidia brevifurcata Watanabe

Schizaspidia brevifurcata Watanabe, 1958: 23. Type data: Caroline Islands: Palau. Unknown type status. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian:** Palau.

Schizaspidia caeruleiceps Cameron

Schizaspidia caeruleiceps Cameron, 1909c: 239. Type data: Malaysia: Sarawak, Kuching. Syntypes, male (examined). Type depository: Natural History Museum, London . Filed notes: Type notes III-72.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental:** Malaysia (Sarawak [Camero1909c]).

Schizaspidia chamorro Yasumatsu

Schizaspidia chamorro Yasumatsu, 1942: 156. Type data: Caroline Islands. Unknown type status.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian:** Palau.

Schizaspidia convergens (Walker)

Eucharis convergens Walker, 1860: 358. Type data: Sri Lanka. Lectotype female (examined). Type depository: Natural History Museum, London ; type no. 5.624. Filed notes: Type notes III-72.

Psygmatochera ceylonica Enderlein, 1912: 146. Type data: Sri Lanka [Ceylon]. Syntypes. Type depository: Eberswalde: [formerly: Deutsches Entomologisches Institut], Inst. für Pflanzenschutzforschung, Germany. Synonymy by Hedqvist, 1978: 240. Notes: Need to check description.

Schizaspidia convergens; Gahan, 1940: 431-432. Described: both sexes. Change of combination.

Schizaspidia ceylonica; Baltazar, 1961: 394. Change of combination.

ASSOCIATIONS: Host - FORMICIDAE **Formicinae:** *Odontomachus haematodes* (Linnaeus) [Gahan1940, Clause1941].

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental:** Sri Lanka [Enderl1912, Narend1985a].

Schizaspidia coromandelica (Mani et. al.)

Kapaloides coromandelica Mani et. al., 1974: 45. Type data: India: Coromandel Coast. Unknown

type status. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA.

Schizaspidia coromandelica; Hedqvist, 1978: 240. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: India (Tamil Nadu [Narend1985a]).

Schizaspidia cyanea Walker

Schizaspidia cyanea Walker, 1862: 386-387. Type data: Indonesia: Amboina, Maluku. Lectotype male (examined), by subsequent designation Boucek, 1988: 534. Type depository: Natural History Museum, London ; type no. 5.626. Described: male. Notes: Scutellum and antennae missing (Boucek, 1988). Filed notes: Type notes III-73.

Schizaspidia cyanea; Boucek, 1988: 534. Notes: New Records on New Guinea.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Indonesia (Ceram).

Schizaspidia emersoni (Girault)

Thoracantha emersoni Girault, 1915[241]: 237. Type data: Australia: Queensland, Gordonvale. Syntypes. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. Hy.3291. Described: male. Notes: No designation in original description.

Thoracantha guttipennis Girault, 1932[437]: 3[289]. Type data: Australia: Queensland, Nelson. Syntypes. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. 8986-91. Described: male. Synonymy by Boucek, 1988: 535.

Thoracantha guttipennis; Girault, 1932[439]: 1[293]. Justified emendation.

Thoracanthella emersoni; Girault, 1940[459]: 323. Change of combination.

Schizaspidia murrayi; Hedqvist, 1978: 240. Misidentification. Notes: Erroneously synonymized.

Schizaspidia guttipennis; Hedqvist, 1978: 535. Change of combination.

Thoracantha emersoni; Dahms, 1983: 248.

Thoracantha guttipennis; Dahms, 1984: 672.

Schizaspidia emersoni; Boucek, 1988: 535. Change of combination. Notes: Disagrees with synonymy under *murrayi* by Hedqvist (1978: 240).

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1932437]).

Schizaspidia fasciatipennis (Girault)

Kapala fasciatipennis Girault, 1928[425]: 452. Type data: Philippines: Luzon, Baguio, Benguet.

Holotype female, by monotypy. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. 24249. Described: female. Notes: Head and gaster missing.

Schizaspidia fasciatipennis; Baltazar, 1966b: 130. Change of combination.

Schizaspidia fasciatipennis; Hedqvist, 1978: 240.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Philippines (Luzon [Giraul1928425]).

Schizaspidia furcifera Westwood

Schizaspidia furcifer Westwood, 1835: 69. Type data: India: Bengal. Holotype female (examined), by monotypy. Type depository: Natural History Museum, London ; type no. 5.381. Described: female. Filed notes: Type notes III-71.

Schizaspidia frucifera; Narendran, 1985: 609. Misspelling of species name.

CITATIONS: Heraty2002 [Tct]; Walker1846 [Tct].

DISTRIBUTION: **Oriental**: India [Narend1985a].

Schizaspidia malabarica Narendran

Schizaspidia malabarica Narendran, 1985a: 608. Type data: India: Kerala, South Malabar, Ramanattukara, near Calicut. Holotype male, by original designation. Type depository: DZUC. Described: male. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: India (Kerala [Narend1985a]).

Schizaspidia murrayi Kirby

Schizaspidia murrayi Kirby, 1884: 403. Type data: Tonga Islands: Tongatapu. Unknown type status male (examined). Type depository: Natural History Museum, London ; type no. 5.381. Described: male. Filed notes: Type notes III-71.

Schizaspidia murrayi; Dalla Torre, 1898: 364. Notes: Recorded type as from "Aust. Tongatabu".

Schizaspidia murrayi; Girault, 1915[241]: 235. Notes: Recorded type as from "Australia".

Schizaspidia murrayi; Hedqvist, 1978: 237. Illust. Notes: New record from Bismarck Is., Papua New Guinea. Treated *murrayi* as senior synonym of *emersoni*.

Schizaspidia murrayi; Hedqvist, 1978: 237. Described: male. Illust.

Schizaspidia murrayi; Boucek, 1988: 535.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Tonga [Kirby1884].

Schizaspidia nasua (Walker)

Thoracantha nasua Walker, 1846: 22, 88. Type data: Philippines. Syntypes, male (examined). Type depository: Natural History Museum, London . Described: male.

Schizaspidia nasua; Walker, 1871: 66. Change of combination.

Laetocantha nasua; Shipp, 1894: 188. Change of combination.

Kapala foveatella Girault, 1928[425]: 453. Type data: Philippines: Luzon, Mt Maquiling, Laguna. Unknown type status male, type designation unknown. Type depository: Brisbane: Queensland Museum, Queensland, Australia. Described: male. Synonymy by Baltazar, 1966: 131. Notes: Antennae missing.

Kapala violacea Ishii, 1932: 209. Type data: Philippines: Luzon. Unknown type status female.

Described: female. Synonymy by Baltazar, 1966b: 131.

Schizaspidia nasua; Baltazar, 1961: 394. Change of combination.

Schizaspidia nasua; Hedqvist, 1978: 235. Described: both sexes. Illust.

ASSOCIATIONS: Host - FORMICIDAE **Ponerinae**: *Odontomachus rixosus* [new].

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Malaysia (Malaya [Heraty2002]); Philippines (Luzon [Ishii1932, Girault1928425, Walker1846]).

Schizaspidia palawanensis Hedqvist

Schizaspidia palawanensis Hedqvist, 1978: 233-234. Type data: Philippines: Palawan, Pingisan.

Holotype male, by original designation. Type depository: Copenhagen: Zoological Museum,

University of Copenhagen, Dept. Ent., Denmark. Described: male. Illust. Filed notes: Type notes 4: 6.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Oriental**: Philippines (Palawan [Hedqvist1978]).

Schizaspidia peterseni Hedqvist

Schizaspidia peterseni Hedqvist, 1978: 234. Type data: Philippines: Mindanao, Sapamoro, Curan district. Holotype male, by original designation. Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark. Described: male. Illust. Filed notes: Type notes 4: 7.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Philippines.

Schizaspidia ponapensis Ishii

Schizaspidia ponapensis Ishii, 1941: 107. Type data: Caroline Islands: Ponape. Syntypes. Type depository: KUIU.

Schizaspidia palauensis Ishii, 1941: 108. Type data: Caroline Islands: Palau. Synonymy by Watanabe, 1958: 21.

Schizaspidia ponapensis; Hedqvist, 1978: 235. Notes: New record from New Britain, Papua New Guinea.

Schizaspidia ponapensis; Hedqvist, 1978: 235-236. Described: both sexes. Illust.

Schizaspidia ponapensis; Boucek, 1988: 535.

Schizaspidia ponapensis; Boucek, 1988: 535.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Palau.

Schizaspidia sabariensis (Mani et al.)

Kapaloides sabariensis Mani et al., 1974: 42. Type data: India: Cardamom Hills. Unknown type status. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA.

Schizaspidia sabariensis; Hedqvist, 1978: 240. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: India (Kerala [Narend1985a]).

Schizaspidia samoana (Fullaway)

Stilbulaspis samoana Fullaway, 1939: 409. Type data: Samoa: Tuitiula. Holotype female, by original designation. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA. Described: both sexes.

Schizaspidia samoana; Baltazar, 1966a: 220. Described: both sexes. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: American Samoa [Fullaw1939].

Schizaspidia scutellaris Masi new combination

Schizaspidia scutellaris Masi, 1926: 366-372. Type data: Taiwan: Kankau (Konshun). Holotype female, by monotypy. Type depository: Eberswalde: [formerly: Deutsches Entomologisches Institut], Inst. für Pflanzenschutzforschung, Germany. Described: female. Illust. Filed notes: Type notes 4: 15.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Taiwan [Masi1926].

Schizaspidia sitarami Narendran

Schizaspidia sitarami Narendran, 1985a: 608. Type data: India: Kerala, Calicut University Campus. Holotype male, by original designation. Type depository: DZUC. Described: male. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: India (Kerala [Narend1985a]).

Schizaspidia sp.1

Schizaspidia sp.1 Krombein, 1981: 15.

ASSOCIATIONS: Foe - HYMENOPTERA **Sphecidae**: *Cerceris arenaria* [Krombe1981].

CITATIONS: Krombe1981 [Lmf].

DISTRIBUTION: **Oriental**: Sri Lanka [Krombe1981].

Schizaspidia taiwanensis Ishii

Schizaspidia taiwanensis Ishii, 1938: 198. Type data: Taiwan. Unknown type status.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Taiwan [Ishii1938].

Schizaspidia tawiensis Hedqvist

Schizaspidia tawiensis Hedqvist, 1978: 235. Type data: Philippines: Tawi Tawi, Tarawakan. Holotype female, by original designation. Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark. Described: both sexes. Illust. Filed notes: Type notes 4: 8.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Philippines.

Schizaspidia travancorensis (Mani)

Kapaloides travancorensis Mani, 1944: 155. Type data: India: Travancore. Unknown type status. Type depository: ZSI.

Schizaspidia travancorensis; Narendran, 1985: 609. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: India (Kerala [Narend1985a]).

Schizaspidia yakushimensis Ishii

Schizaspidia yakushimensis Ishii, 1938: 197. Type data: Ambo, Yakushima ??Taiwan??. Holotype male, by monotypy. Type depository: KUIU. Described: male. Illust.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaeartic**: Japan.

Stilbula Spinola

Stilbula Spinola, 1811: 150. Type species: *Ichneumon cyniformis* Rossi, by monotypy.

Stilbula; Ashmead, 1888[45]: 187 (in key).

Stilbula; Ashmead, 1904[238]: 268, 269 (key).

Eltolada Cameron, 1909c: 230. Type species: *Eltolada trimaculata* Cameron. Subsequently designated by Gahan and Fagan, 1923: 50. Synonymy by Hedqvist, 1978: 245.

Stilbula; Hedqvist, 1978: 245-246. Subsequent description.

Stilbula; Heraty, 2002: 247-250. Subsequent description.

CITATIONS: Ashmea188845 [Tke, Tre]; Ashmea1899157 [Tkg]; Ashmea1904238 [Tkg]; PeckBoHo1964 [Tkg].

KEYS: Narendran & Sheela 1996: 70-74 (adult) [Indopacific region].

Stilbula albipes (Cameron)

Eltolada albipes Cameron, 1909??: ?????. Type data: Malaysia: Sarawak [Borneo], Kuching.

Unknown type status male (examined). Type depository: Natural History Museum, London ; type no. 5.379. Described: male. Notes: Manuscript name. Filed notes: Type notes III-68.

DISTRIBUTION: **Oriental**: Malaysia (Sarawak [Cameron1909b]).

Stilbula albipetiole Girault

Stilbula albipetiole Girault, 1929[431]: 332-333. Type data: Australia: Victoria, Caramby & South Australia. Syntypes, female. Type depository: Adelaide: South Australian Museum, South Australia, Australia. Described: both sexes. Filed notes: on *Bursaria spinosa*. Petiole all white, abdomen with sculpture.

Stilbula albipetiole; Dahms, 1983: 33-34.

Stilbula albipetiole; Boucek, 1988: 532.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Australasian**: Australia.

Stilbula arenae Girault

Stilbula arenae Girault, 1934[442]: 1[306]. Type data: Australia: Queensland, Southport. Syntypes.

Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. T.8630.

Described: male. Filed notes: Scutellar process short, female falgellum 9-segmented, 3 preclaval segments transverse.

Stilbula arenae; Dahms, 1983: 51.

Stilbula arenae; Boucek, 1988: 532. Subsequent description.

ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Polyrachis* sp. [Boucek1988]

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Australasian**: Australia [Giraul1934442].

Stilbula ashokai Narendran & Sheela

Stilbula ashokai Narendran & Sheela, 1996: 69-70. Type data: India: Kerala, Malampuzha. Holotype female, by original designation. Type depository: Calcutta: Department of Zoology, Calcutta University, West Bengal, India. Described: both sexes. Illust.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Oriental**: India (Kerala [NarendSh1996]).

Stilbula atkinsoni (Mani et al.)

Schizaspidia atkinsoni Mani et al., 1974: 36. Type data: Burma: Badaung Reserve, Schwebo.

Unknown type status. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA.

Stilbula atkinsoni; Hedqvist, 1978: 246. Change of combination.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Oriental**: Burma (=Myanmar).

***Stilbula bekilensis bekilensis* (Risbec) new combination**

Schizaspidia bekilensis Risbec, 1952: 398-400. Type data: Madagascar: Bekily. Lectotype female (examined), by **present designation**. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: both sexes. Filed notes: Type notes III-116.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Madagascar [Risbec1952].

***Stilbula bekilensis minor* (Risbec) new combination**

Schizaspidia bekilensis minor Risbec, 1952: 400. Type data: Madagascar: Bekily. Lectotype male (examined), by **present designation**. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: male. Notes: Illustration 63 is a philomidine and has nothing to do with the description or type material of this species. There are no philomidines described in the paper with which the drawing could be associated.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Madagascar [Risbec1952].

***Stilbula bella* (Förster) new combination**

Thoracantha bella Förster, 1859: 92-93. Type data: Europe. Holotype female (examined), by monotypy. Type depository: Vienna: Naturhistorisches Museum Wien, Austria. Described: female. Filed notes: Type notes IV: 39.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Europa Island [Foerst1859].

***Stilbula brunneipetiole* (Girault)**

Epimetegea brunneipetiole Girault, 1934[443]: 2[309]. Type data: Australia: New South Wales, Uralla. Syntypes. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: female. Notes: According to Girault's manuscript the species should belong to *Schizaspidia* (Dahms, 1983: 154). No type designation.

Epimetegea brunneipetiole; Dahms, 1983: 154.

Stilbula brunneipetiole; Boucek, 1988: 532. Change of combination.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Giraul1934443], Queensland [Giraul1934442]).

***Stilbula carolinensis* Watanabe**

Stilbula carolinensis Watanabe, 1958: 24. Type data: Caroline Is. Unknown type status.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Australasian**: Caroline Islands (Palau [Watana1958]).

***Stilbula cyniformis* (Rossi)**

Ichneumon cyniformis Rossi, 1792: 125, fig. VI-g. Type data: Europa mer. Unknown type status unknown, type designation unknown. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: female. Illust.

Stilbula cyniformis; Spinola, 1811: 150. Change of combination.

Eucharis cyniformis; Blanchard, 1840: 257. Subsequent description.

Stilbula cynipiformis Ashmead, 1899[157]: 236. Unjustified emendation.

Stilbula cynipiformis; Ashmead, 1904[238]: 268. Misspelling of species name.

Stilbula cyniformis; Andriescu, 1968: 238-239. Described: both sexes. Illust. Subsequent description.

ASSOCIATIONS: Foe - HYMENOPTERA **Sphecidae**: *Cerceris arenaria* L. [Fahrin1922]. Hosts - FORMICIDAE **Formicinae**: *Camponotus aethiops* (Latrielle) [Parker1932, Parker1937, ParkerTh1925], *Camponotus maculatus sanctus* Forel [Fahrin1922], *Camponotus marginatus* Latr. [FahrinTö1912], *Camponotus* sp. [ParkerTh1925]

CITATIONS: Boucek1951 [Rre]; Boucek1977 [Rre]; Burgis1988 [Lhi, Iad]; Ceball1942 [Iad];

Domeni1953 [morphology, wit]; Fahrin1922 [host record]; Fiala1930 [Rre; Moravia distribution]; Heraty2002 [Tct]; Parker1932 [Dil, host record]; Parker1937 [Lhi]; ParkerTh1925 [Dil].

DISTRIBUTION: **Palaeartic**: Austria [new]; Czechoslovakia [new]; France [Parker1932]; Hungary

[new]; Italy [new]; Romania; Sicily [new]; Turkey [Ruschk1924, Boucek1951]; Yugoslavia (Bosnia Hercegovina [Boucek1977], Croatia [Boucek1977], Macedonia [Boucek1977], Serbia [Boucek1977]).

Stilbula cyniformis tenuicornis (Ashmead)

Schizaspidia tenuicornis Ashmead, 1904[243]: 151-152. Type data: Japan: Sapporo. Syntypes. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 7167. Described: female.

Schizaspidia tenuicornis; Clausen, 1923: 215.

Schizaspidia tenuicornis; Parker, 1924: 270.

Schizaspidia nekkensis Ishii, 1935: 1. Type data: Japan. Unknown type status. Synonymy by Watanabe, 1950: 61.

Stilbula tenuicornis; Gahan, 1940: 434-435. Described: both sexes. Change of combination.

Stilbula cyniformis tenuicornis; Watanabe, 1950: 64. Change of combination.

ASSOCIATIONS: Hosts - FORMICIDAE **Formicinae**: *Camponotus Herculeanus japonicus* Mayr [Clause1923, Clause1941], *Camponotus Lingiper-dis obscuripes* Mayr [Clause1923, Clause1941].

CITATIONS: Clause1923 [host record, Dim, Lhi]; Heraty2002 [Tct]; Johnso1988 [Lhi].

DISTRIBUTION: **Palaeartic**: Japan [Clause1923]; South Korea [Clause1923].

Stilbula indica (Mani)

Schizaspidia indica Mani, 1935: 254. Type data: India: Assam. Unknown type status. Type depository: ZSI.

Stilbula indica; Hedqvist, 1978: 247. Change of combination.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Oriental**: India (Assam).

Stilbula insularis (Cameron)

Stilbula insularis Cameron, 1908: 85. Type data: India: Chagos, Egmont Island. Unknown type status female (examined). Type depository: Natural History Museum, London ; type no. 5.377.

Described: female. Notes: Misspelling of generic name. Filed notes: Type notes III-67.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Oriental**: India (Chandigarh [Cameron1908]).

Stilbula knuthii Alfken

Stilbula knuthii Alfken, 1900: 191-192. Type data: Java. Syntypes, female. Type depository: ??.

Described: female.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Indonesia (Java [Alfken1900]).

Stilbula lata Narendran & Sheela

Stilbula lata Narendran & Sheela, 1996: 68-69. Type data: India: Kerala, Kayamkulam. Holotype male, by original designation. Type depository: Calcutta: Department of Zoology, Calcutta

University, West Bengal, India. Described: male. Illust.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Oriental**: India (Kerala [NarendSh1996]).

Stilbula leucopoda (Cameron)

Eltolada leucopoda Cameron, 1909c: 231. Type data: East Malaysia: Sarawak, Kuching. Syntypes, male. Type depository: Natural History Museum, London . Described: male. Filed notes: Type notes III-67.

Stilbula leucopoda; Hedqvist, 1978: 244. Change of combination.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Oriental**: Malaysia (Sarawak [Cameron1909c]).

Stilbula lissoma Masi

Stilbula lissoma Masi, 1917: 141. Type data: Seychelles Islands. Syntypes, female (examined). Type depository: Natural History Museum, London ; type no. 5.378. Filed notes: Type notes III-68.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Seychelles [Masi1917].

Stilbula minispina Heraty

Stilbula minispina Heraty, 2002: 253-254. Type data: India: Tamil Nadu, Siruvani Forest. Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: female. Illust.

DISTRIBUTION: **Oriental**: India (Tamil Nadu [Heraty2002]).

Stilbula montana Nikolskaya

Stilbula montana Nikolskaya, 1952: 208. Type data: Pamir. Unknown type status.

CITATIONS: Heraty2002 [Tct].

Stilbula mysorensis (Mani et al.)

Schizaspidia mysorensis Mani et al., 1974: 37. Type data: India: Mysore. Unknown type status. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA.

Stilbula mysorensis; Hedqvist, 1978: 247. Change of combination.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Oriental**: India.

Stilbula nilgiri Heraty

Stilbula nilgiri Heraty, 2002: 254-255. Type data: India: Tamil Nadu, Nilgiri Hills. Holotype male (examined), by original designation. Type depository: Ottawa: Canadian National Collection of Insects, Centre for Land and Biological Resources Research, Ontario, Canada. Described: male. Illust.

DISTRIBUTION: **Oriental**: India (Tamil Nadu [Heraty2002]).

Stilbula octodigitata Girault

Stilbula octo-digitata Girault, 1929[431]: 333. Type data: Australia: West Australia, King George's Sound. Holotype female, by original designation. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO, Australia. Described: female.

Stilbula octodigitata; Dahms, 1986: 366-367.

Stilbula octodigitata; Boucek, 1988: 532.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Australasian**: Australia.

Stilbula oxiana Gussakovskii

Stilbula oxiana Gussakovskii, 1940: 169. Type data: Uzbekistan. Unknown type status.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palearctic**: Uzbekistan [Gussak1940].

Stilbula palawanensis Hedqvist

Stilbula palawanensis Hedqvist, 1978: 246. Type data: Philippines: Palawan, Pinigisan. Holotype male, by original designation. Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark. Described: male. Illust. Notes: Very close to *S. polyrachicida* (Wheeler * Wheeler). Type notes 4: 6.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Philippines.

Stilbula peduncularis Westwood

Stilbula peduncularis Westwood, 1874: 155, pl.28. Type data: Australia: Victoria, Angus. Syntypes, unknown (examined). Type depository: Oxford: Hope Entomological Collections, University Museum, England; type no. 682. Described: both sexes. Filed notes: Type notes III-134.

Stilbula peduncularis; Boucek, 1988: 532.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Australasian**: Australia (Queensland [Heraty2002], South Australia [Heraty2002]).

Stilbula peethavarna Narendran & Sheela

Stilbula peethavarna Narendran & Sheela, 1996: 65-68. Type data: Thailand. Holotype female, by original designation. Type depository: Vienna: Naturhistorisches Museum Wien, Austria.

Described: female. Illust. Notes: The holotype has the label "Holotype Takao Formosa Sauter".

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Oriental**: Thailand [NarendSh1996].

Stilbula polyrachicida (Wheeler & Wheeler)

Schizaspidia polyrachicida Wheeler & Wheeler, 1924: 49. Type data: Philippines: Luzon, Manila.

Unknown type status female, type designation unknown. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA.

Described: female.

Stilbula polyrachicida; Gahan, 1940: 435. Change of combination.

Stilbula polyrachicida; Hedqvist, 1978: 246.

ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Polyrachis Myrmhopla dives* F. Smith [WheeleWh1924].

CITATIONS: Baltaz1966b [Tct]; Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Oriental**: Philippines (Luzon [WheeleWh1924]); Taiwan [new] [Heraty2002].

Stilbula quinqueguttata (Girault)

Schizaspidia quinqueguttata Girault, 1915[241]: 235-236. Type data: Australia: Queensland, Cairns

District (Gordonvale). Holotype male. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. Hy.3288. Described: male.

Stilbula quinqueguttata; Hedqvist, 1978: 247. Change of combination.

Schizaspidia quinqueguttata; Dahms, 1986: 462.

Stilbula quinqueguttata; Boucek, 1988: 532.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1915241]).

Stilbula tadzhika Nikolskaya

Stilbula tadzhika Nikolskaya, 1952: 208. Type data: Tadzhikistan. Unknown type status.

CITATIONS: Heraty2002 [Tct].

Stilbula tanjorensis (Mani et al.)

Schizaspidia tanjorensis Mani et al., 1974: 39. Type data: India: Tanjore. Unknown type status. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA.

Stilbula tanjorensis; Hedqvist, 1978: 247. Change of combination.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Oriental**: India (Tamil Nadu [Heraty2002]).

Stilbula trimaculata (Cameron)

Schizaspidia trimaculata Cameron, 1909b: 205-206. Type data: Malaysia: Sarawak, Kuching.

Syntypes, male. Type depository: Natural History Museum, London ; type no. 5.380. Described: female. Notes: Isogenotypic (no type was found labeled as *Schizaspidia trimaculata*).

Eltolada trimaculata; Cameron, 1909c: 230-231. Described: male. Change of combination. Filed notes: Type notes III-69.

Stilbula trimaculata; Hedqvist, 1978: 244. Change of combination.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Oriental**: Malaysia (Sarawak? [Camero1909c, Camero1909b]); Philippines (Palawan [new]).

Stilbula ussuriensis Gussakovskii

Stilbula ussuriensis Gussakovskii, 1940: 169. Type data: Ussuri. Unknown type status.

CITATIONS: Heraty2002 [Tct].

Stilbula viridiceps Ferrière

Stilbula viridiceps Ferrière, 1960: 7-8. Type data: Senegal: Cap Vert Islands, Boavista, Sal Rei.

Unknown type status female. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: female. Illust.
 CITATIONS: Heraty2002 [Tct].
 DISTRIBUTION: **Afrotropical**: Senegal [Ferrie1960].

Stilbula vitripennis Masi

Stilbula vitripennis Masi, 1934a: 10-11. Type data: Cyprus [Is. Cipro]. Syntypes, female (examined). Type depository: Vienna: Naturhistorisches Museum Wien, Austria. Described: female. Notes: Boucek (1956b) states that original description was in Ann. Mus. Civ. St. nat. 57: 14-15. Filed notes: Type notes IV: 31.

Stilbula vitripennis; Boucek, 1952: 54. Illust. Subsequent description.

Stilbula vitripennis; Boucek, 1956b: 54. Described: male. Subsequent description.

CITATIONS: Heraty2002 [Tct]; Masi1934b [Rre].

DISTRIBUTION: **Palearctic**: Cyprus; Israel [Boucek1956a]; Turkey [Masi1934a, Masi1934b, Boucek1951].

Stilbuloida Boucek

Stilbuloida Boucek, 1988: 532-533. Type species: *Schizaspidia doddi* Bingham, by original designation.

Stilbuloida; Heraty, 2002: 257-259. Subsequent description.

Stilbuloida calomyrmecis (Brues)

Schizaspidia calomyrmecis Brues, 1934: 206-207. Type data: Australia: West Australia, Meekatharra. Syntypes. Type depository: Cambridge: Museum of Comparative Zoology, Entomology Department, Harvard University, MA, USA. Described: female. Illust. Notes: Probably a female of *doddi* (Boucek, 1988).

Stilbula calomyrmecis; Gahan, 1940: 435. Change of combination.

Stilbuloida calomyrmecis; Boucek, 1988: 533. Change of combination.

ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Calomyrmex purpureus* Mayr [Brues1934].

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Western Australia [Brues1934, Heraty2002]).

Stilbuloida doddi (Bingham)

Schizaspidia doddi Bingham, 1906: 123, 130. Type data: Australia: Queensland, Townsville.

Holotype male (examined), by monotypy. Type depository: Oxford: Hope Entomological Collections, University Museum, England; type no. 49. Described: male. Filed notes: Type notes III-130.

Schizaspidia doddi; Girault, 1915[241]: 235. Described: male. Subsequent description. Notes: Bingham's description repeated.

Kapala doddi; Hedqvist, 1978: 533. Change of combination.

ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Camponotus* sp. [Bingha1906]

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Northern Territory [Heraty2002], Queensland [Bingha1906, Heraty2002], South Australia [Boucek1988]).

Striostilbula Boucek

Striostilbula Boucek, 1988: 531. Type species: *Stilbula quadridigitata* Girault, by original designation.

Striostilbula quadridigitata (Girault)

Stilbula quadridigitata Girault, 1929[431]: 331-332. Type data: Australia: SA, Androssan. Holotype female, by original designation. Type depository: Adelaide: South Australian Museum, South Australia, Australia. Described: female. Notes: Description repeated by Girault (1915[241]: 231).

Stilbula quadridigitata; Hedqvist, 1978: 247. Misspelling of species name.

Stilbula quadridigitata; Dahms, 1986: 454.

Striostilbula quadridigitata; Boucek, 1988: 531. Change of combination.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk].

DISTRIBUTION: **Australasian**: Australia (Northern Territory [Heraty2002], Queensland

[Boucek1988], South Australia [Giraul1929431, Heraty2002], Tasmania [Heraty2002]).

Substilbula Boucek

Substilbula Boucek, 1988: 530-531. Type species: *Stilbula bidentata* Girault, by original designation.

Substilbula; Heraty, 2002: 263-264. Subsequent description.

KEYS: Heraty 2002: 264-265].

Substilbula albipennis (Girault)

Stilbula albipennis Girault, 1929[431]: 332. Type data: Australia: Northern Territory, Groote Eylandt. Holotype female (examined), by original designation. Type depository: Adelaide: South Australian Museum, South Australia, Australia. Described: female.

Stilbula albipennis; Dahms, 1983: 32.

Substilbula albipennis; Boucek, 1988: 531, f.958. Illust. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia.

Substilbula australiana (Girault)

Stilbula australiana Girault, 1913[175]: 93. Type data: Australia: Queensland, Mount Tambourine. Holotype female, by original designation. Type depository: Adelaide: South Australian Museum, South Australia, Australia. Described: female.

Stilbula australiana; Girault, 1915[241]: 231-232. Described: female. Subsequent description. Notes: Description repeated.

Stilbula australiana; Dahms, 1983: 90.

Substilbula australiana; Boucek, 1988: 531. Change of combination. Notes: Probably same species as *bidentata*.

CITATIONS: Dahms1983 [nomenclature]; Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1913175]).

Substilbula bidentata (Girault)

Stilbula bidentata Girault, 1913[175]: 92-93. Type data: Australia: Queensland, Mount Tambourine. Holotype female, by original designation. Type depository: Adelaide: South Australian Museum, South Australia, Australia. Described: female.

Stilbula bidentata; Girault, 1915[241]: 231. Described: female. Subsequent description. Notes: Description repeated.

Stilbula bidentata; Dahms, 1983: 134.

Substilbula bidentata; Boucek, 1988: 531. Change of combination.

CITATIONS: Dahms1983 [nomenclature]; Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1913175]).

Substilbula pallidiclava (Girault)

Stilbula pallidiclava Girault, 1934[442]: 1[306]. Type data: Australia: Queensland, Brisbane (Indooroopilly). Holotype female, by monotypy. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. T.9407. Described: female. Notes: Probably based on female of *bidentata* (Boucek, 1988). Filed notes: distinguished from *bidentata*.

Stilbula pallidiclava; Dahms, 1986: 377.

Substilbula pallidiclava; Boucek, 1988: 531. Illust. Change of combination. Notes: Probably based on female of *bidentata*.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1934442]).

Thoracantha Latreille

Thoracantha Latreille, 1825: 447. Type species: *Thoracantha striata* Perty. Subsequently designated by Gahan and Fagan, 1923: 144. Notes: No species described by Latreille (1825, 1829).

Thoracantha latreillei Guérin designated by Kirby (1886: 32) was not included in first reference so not eligible as type (Gahan & Fagan 1923: 144).

Thoracanta; Latreille, 1829: 297. Misspelling of genus name.

Thoracantha; Brullé, 1846: 572. Subsequent description.

Uromelia Kirby, 1886: 33. Type species: *Thoracantha striata* Perty, by original designation.

Synonymy by Gahan & Fagan, 1923: 144.

Lasionychus Shipp, 1894: 184. Type species: *Lasionychus flabellatus* Westwood, by original designation. Synonymy by Ashmead, 1899[157]: 238.

Galearia; Ashmead, 1904[238]: 268, 270 (key).

Uromelia; Ashmead, 1904[238]: 268, 270 (in key). Subsequent description.

Uromelia; Gemignani, 1933: 482-483. Subsequent description.

Thoracantha; Heraty, 2002: 266-268. Subsequent description.

CITATIONS: Ashmea188845 [Tke, Tre]; Ashmea1899157 [Tkg; as Uromelia]; Ashmea1904238 [Tkg].

Thoracantha anchura Walker new combination

Thoracantha anchurus Walker, 1846: 88. Type data: Brazil: Santarem. Syntypes, male (examined).

Type depository: Natural History Museum, London ; type no. 5.629. Described: male. Filed notes: Type notes III-11.

Kapala anchura; Ashmead, 1904[238]: 472. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil [Ashmea1904238, Walker1846].

Thoracantha spegazzinii (Gemignani) new combination

Uromelia spegazzinii Gemignani, 1933: 483-485. Type data: Argentina: Salta, Tafí de Valle

(Tucumán) or Catamarca, Huassan. Holotype female, by original designation. Type depository: MNBA. Described: both sexes. Illust.

Uromelia spegazzinii; Gemignani, 1947: 9.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Argentina (Salta [Gemignani1933]).

Thoracantha striata Perty

Thoracantha striata Perty, 1833: 134, pl. 28. Type data: Brasil. Unknown type status female.

Described: female. Illust. Notes: Type apparently lost (not in MNHP).

Thoracantha flabellata Westwood, 1835: 52. Type data: Brazil. Syntypes, unknown. Type depository: Copenhagen: Zoological Museum, University of Copenhagen, Dept. Ent., Denmark.

Described: male. Synonymy by Ashmead, 1904[238]: 470. Notes: Incorrectly treated as a junior synonym of *Thoracantha aculeata* (Westwood 1874). Westwood likely chose *aculeata* as the senior name to avoid confusion with *Kapala* (= *Eucharis*) *flabellata* (Fabricius), but *flabellata* has priority.

Thoracantha striata; Blanchard, 1840: 257. Described: male. Misspelling of genus name.

Thoracantha aculeata Blanchard, 1849: pl. 113. Type data: Brazil. Unknown type status female.

Described: female. Illust. Synonymy by Ashmead, 1904[238]: 470. Notes: Published as an illustration by Blanchard and later described and incorrectly treated as a senior synonym of *Thoracantha flabellata* Westwood. The type specimen was not found at the MNHP (should be labelled as "Du midi de la Capitainerie de Goyaz").

Thoracantha aculeata Westwood, 1874: 154. Type data: Brazil. Syntypes. Described: male. Illust.

Synonymy by Ashmead, 1904[238]: 470. Notes: Specimens identified by Westwood in UMOX (as type material of *aculeata*, are different species from those in the USNM that were used by Ashmead to make the synonymy with *striata*).

Uromelia striata; Kirby, 1886: 37. Change of combination.

Lasionychus flabellatus; Shipp, 1894: 188. Change of combination.

Uromelia striata; Gemignani, 1933: 482-483.

CITATIONS: Ashmea1904238 [Tct]; Heraty2002 [Tct]; Walker1846 [Tct].

DISTRIBUTION: **Neotropical**: Brazil [Perty1833].

Thoracanthoides Girault

Thoracanthoides Girault, 1928[422]: 4[224]. Type species: *Thoracanthoides albispina* Girault, by monotypy and original designation.

Thoracanthoides albispina Girault

Thoracanthoides albispina Girault, 1928[422]: 4[224]. Type data: Australia: Queensland, Mareeba.

Lectotype male (examined), by subsequent designation Boucek, 1988: 535. Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. T.8632. Described: male.
Thoracanthoides albispina; Dahms, 1983: 34-35.
 CITATIONS: Heraty2002 [Tct].
 DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1928422, Heraty2002]).

Tricoryna Kirby

Metagea Kirby, 1886: 30. Type species: *Eucharis zalates* Walker, by original designation. Synonymy by Boucek, 1988: 523.
Tricoryna Kirby, 1886: 29. Type species: *Eucharis iello* Walker, by original designation.
Metagea; Ashmead, 1888[45]: 187 (in key).
Tricoryna; Ashmead, 1888[45]: 187 (in key).
Metagea; Ashmead, 1904[238]: 267,269 (key).
Tricoryna; Ashmead, 1904[238]: 267, 269 (key).
Prometagea Girault, 1934[442]: 2[309]. Type species: *Prometagea minor* Girault. Subsequently designated by De Santis, 1961: 158. Synonymy by Boucek, 1988: 523.
Propisilogaster Girault, 1940[459]: 324. Type species: *Propisilogaster biclavata* Girault, by original designation.
Tricoryna; Heraty, 2002: 271-274. Subsequent description.
 CITATIONS: Ashmea188845 [Tke, Tre]; Ashmea1899157 [Tkg;and as Metagea]; Ashmea1904238 [Tkg].

Tricoryna alcornis (Boucek)

Propisilogaster alcornis Boucek, 1988: 524-525. Type data: Australia: New South Wales, Jerilderie. Holotype male, by original designation. Type depository: BCRI. Described: male. Illust.
Tricoryna alcornis Heraty, 2002: 274. Neotype female and larva, by **present designation**. Type depository: Ithaca: Cornell University Insect Collection, Department of Entomology, Cornell University, NY, USA. Illust.
 ASSOCIATIONS: Host - FORMICIDAE **Ponerinae**: *Rhytidoponera violacea* Forel [new].
 CITATIONS: Heraty2002 [Tct].
 DISTRIBUTION: **Australasian**: Australia (New South Wales [Boucek1988], Queensland [Heraty2002], South Australia [Heraty2002]).

Tricoryna biclavata (Girault)

Propisilogaster biclavata Girault, 1940[459]: 324. Type data: Australia: Queensland, Watsonville. Syntypes, female (examined). Type depository: Brisbane: Queensland Museum, Queensland, Australia; type no. T.8686. Described: female. Notes: No mention of number of specimens in original description. Filed notes: Type notes II-46.
Epimetagea biclavata; Hedqvist, 1978: 243. Change of combination.
Propisilogaster biclavata; Dahms, 1983: 127.
Propisilogaster biclavata; Boucek, 1988: 525. Change of combination.
 CITATIONS: Heraty2002 [Tct].
 DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1940459]).

Tricoryna chalcoponerae Brues

Tricoryna chalcoponerae Brues, 1934: 203-205. Type data: Australia: New South Wales, Mount Kosciusko. Syntypes. Type depository: Cambridge: Museum of Comparative Zoology, Entomology Department, Harvard University, MA, USA. Described: both sexes. Illust.
Tricoryna chalcoponerae; Boucek, 1988: 523.
 ASSOCIATIONS: Hosts - FORMICIDAE **Ponerinae**: *Rhytidoponera metallica* (Smith) [Brues1934], *Rhytidoponera victoriae* [new].
 CITATIONS: Heraty2002 [Tct].
 DISTRIBUTION: **Australasian**: Australia (New South Wales [Brues1934]).

Tricoryna ectatommae Girault

Tricoryna ectatommae Girault, 1915[241]: 228-229. Type data: Australia: Victoria, Melbourne. Holotype female, by original designation. Type depository: Brisbane: Queensland Museum, Queensland, Australia. Described: female.

Tricoryna ectatomae; Girault, 1940[459]: 324. Misspelling of species name.

Tricoryna ectatommae; Dahms, 1983: 238.

Tricoryna ectatommae; Boucek, 1988: 524.

ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Rhytidoponera* sp. [Giraul1915241]

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Victoria [Giraul1915241]).

Tricoryna iello (Walker)

Eucharis iello Walker, 1839: 12-13. Type data: Australia: Tasmania, Hobart. Lectotype male (examined), by subsequent designation Boucek, 1988: 524. Type depository: Natural History Museum, London ; type no. 5.607. Described: male. Filed notes: Type notes III-65.

Eucharis iello; Walker, 1841: pl. P. Illust.

Tricoryna iello; Kirby, 1886: 29. Change of combination.

Tricoryna iello; Kirby, 1886: 30. Change of combination.

Tricoryna jello; Dalla Torre, 1898: 362. Misspelling of species name.

Tricoryna iella; Gahan & Fagan, 1923: 148. Misspelling of species name.

Tricoryna iello; Boucek, 1988: 524. Illust.

CITATIONS: Heraty2002 [Tct]; Walker1841anatomy; Walker1846 [Tct].

DISTRIBUTION: **Australasian**: Australia (Tasmania [Walker1839]).

Tricoryna kirbyi (Ashmead)

Metagea kirbyi Ashmead, 1900[178]: 337-338. Type data: Australia: New South Wales, Gosford. Lectotype female, by **present designation**. Type depository: Washington: United States National Entomological Collection, U.S. National Museum of Natural History, DC, USA; type no. 4886. Described: female.

Tricoryna kirbyi; Boucek, 1988: 524. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Ashmea1900178], Queensland [Heraty2002]).

Tricoryna minor (Girault)

Prometagea minor Girault, 1934[443]: 2[309]. Type data: Australia: Tasmania, Patrick River.

Syntypes, female (examined). Type depository: Brisbane: Queensland Museum, Queensland,

Australia. Described: both sexes. Filed notes: Type notes II-46. Relatively complete description.

Prometagea minor; Dahms, 1984: 819.

Tricoryna minor; Boucek, 1988: 524. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Tasmania [Giraul1934443, Heraty2002]).

Tricoryna myrmicis Girault

Tricoryna myrmicis Girault, 1940[459]: 324. Type data: Australia: Victoria. Unknown type status.

Notes: Type not found (Dahms 1984: 842).

Tricoryna myrmicis; Boucek, 1988: 524. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Victoria [Giraul1940459]).

Tricoryna offenbachi (Girault)

Prometagea offenbachi Girault, 1934[443]: 2[309]. Type data: Australia: Queensland, Gympie.

Holotype female, by original designation. Type depository: Brisbane: Queensland Museum,

Queensland, Australia; type no. T.9393. Described: female. Filed notes: Type notes II-46.

Prometagea offenbachi; Dahms, 1986: 367-368.

Tricoryna offenbachi; Boucek, 1988: 524. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia [Giraul1934443].

Tricoryna punctulativentris (Girault)

Metagea punctulativentris Girault, 1928[422]: 3[223]. Type data: Australia: South Australia and

Victoria, Bright. Syntypes, male (examined). Type depository: Canberra: Australian National

Insect Collection, Division of Entomology, CSIRO, Australia. Described: male. Filed notes: Type notes II-41. As *kirbyi*, but legs dark, petiole but only twice longer than wide, long striate; abdomen finely punctulate save the long 2 above.

Metagea punctulativentris Girault, 1929[431]: 335-336. Type data: Australia: South Australia.

Homonym; discovered by Boucek, 1988: 524. Notes: Probably isotypic (Boucek, 1988).

Metagea punctulativentris; Dahms, 1986: 445.

Tricoryna punctulativentris; Boucek, 1988: 524. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Heraty2002], Victoria [Giraul1928422]).

Tricoryna rangiferina Heraty

Tricoryna rangiferina Heraty, 2002: 276-277. Type data: Australia: Northern Territory, Manton

Dam, 52 km SE by S of Darwin. Holotype male (examined), by original designation. Type depository: Canberra: Australian National Insect Collection, Division of Entomology, CSIRO,

Australia. Described: male. Illust.

DISTRIBUTION: **Australasian**: Australia (Northern Territory [Heraty2002]).

Tricoryna reticulativentris (Girault)

Epimetagea reticulativentris Girault, 1934[442]: 1[306]. Type data: Australia: Queensland, Forest Hill. Syntypes, female. Type depository: Brisbane: Queensland Museum, Queensland, Australia;

type no. T.9879. Described: female. Filed notes: from punctulativentris: abdomen all reticulate, rugosely punctate, clypeus glabrous; petiole striate; scape only half funicle joint.

Epimetagea reticulativentris; Dahms, 1986: 474-475.

Tricoryna reticulativentris; Boucek, 1988: 524. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1934442]).

Tricoryna subsalebrosa Girault

Tricoryna subsalebrosa Girault, 1915[241]: 229. Type data: Australia: Queensland, Brisbane.

Holotype male, by original designation. Type depository: Brisbane: Queensland Museum, Queensland, Australia. Described: male. Filed notes: Type notes III-65.

Tricoryna subsalebrosa; Dahms, 1986: 570.

Tricoryna subsalebrosa; Boucek, 1988: 524. Notes: close to *iello*.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1915241]).

Tricoryna tuberculaticornis (Girault)

Metagea tuberculaticornis Girault, 1915[241]: 225-226. Type data: Australia: Northern Territory, Darwin. Holotype female, by original designation. Type depository: Brisbane: Queensland

Museum, Queensland, Australia; type no. Hy.3282. Described: female.

Metagea tuberculaticornis; Dahms, 1986: 605.

Tricoryna tuberculaticornis; Boucek, 1988: 524. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Northern Territory [Giraul1915241]).

Tricoryna zalates (Walker)

Eucharis zalates Walker, 1839: 13. Type data: Australia: NSW: Sydney & WA: King George's Sound.

Lectotype female, by subsequent designation Boucek, 1988: 524. Type depository: Natural

History Museum, London ; type no. 5.608. Described: female. Notes: Lectotype without gaster or locality label (Boucek, 1988). Filed notes: Type notes III-66.

Eucharis zalates; Walker, 1841: pl. P. Illust.

Stilbula zalates; Walker, 1871: 66. Change of combination.

Metagea zalates; Kirby, 1886: 30. Change of combination.

Tricoryna zalates; Boucek, 1988: 524. Change of combination.

CITATIONS: Heraty2002 [Tct]; Walker1846 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Walker1839], Western Australia [Walker1839]).

Zulucharis Heraty

Zulucharis Heraty, 2002: 278-280. Type species: *Zulucharis naegela* Heraty, by original designation. KEYS: Heraty 2002: 280].

Zulucharis aphis Heraty

Zulucharis aphis Heraty, 2002: 281. Type data: South Africa: Eastern Cape Prov., Port St. John. Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: both sexes. Illust.

Zulucharis campbelli Heraty

Zulucharis campbelli Heraty, 2002: 282-283. Type data: South Africa: Transvaal, Mogoto Nature Reserve, nr Zebediela. Holotype female (examined), by original designation. Type depository: Pretoria: South African National Collection of Insects, South Africa. Described: both sexes. ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Camponotus* sp. [Heraty2002]. DISTRIBUTION: **Afrotropical**: South Africa [Heraty2002].

Zulucharis naegela Heraty

Zulucharis naegela Heraty, 2002: 283-284. Type data: South Africa: Kwazulu Natal, M'fongosi. Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: female. Illust. CITATIONS: Heraty2002 [description-immatures]. DISTRIBUTION: **Afrotropical**: South Africa [Heraty2002].

Zulucharis nodosa Heraty

Zulucharis nodosa Heraty, 2002: 284-285. Type data: South Africa: Cape Province, Ceres. Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: both sexes. Illust. DISTRIBUTION: **Afrotropical**: South Africa [Heraty2002].

Zulucharis pilosa Heraty

Zulucharis pilosa Heraty, 2002: 285-286. Type data: South Africa: Gateung Prov., Suikerboasrand N. Res., nr Heidelberg. Holotype female (examined), by original designation. Type depository: Pretoria: South African National Collection of Insects, South Africa. Described: female. DISTRIBUTION: **Afrotropical**: South Africa [Heraty2002].

Zulucharis prinslooii Heraty

Zulucharis prinslooii Heraty, 2002: 286-288. Type data: Namibia: Windhoek, Hoffmung Fm. Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: both sexes. DISTRIBUTION: **Afrotropical**: Namibia (=Southwest Africa) [Heraty2002]; South Africa [Heraty2002].

Zulucharis teretis Heraty

Zulucharis teretis Heraty, 2002: 288. Type data: South Africa: Eastern Cape Prov., Grahamstown. Holotype female (examined), by original designation. Type depository: Natural History Museum, London . Described: female. Illust. DISTRIBUTION: **Afrotropical**: South Africa [Heraty2002].

Subfamily Philomidinae**Aperilampus Walker**

Aperilampus Walker, 1871. Type species: *Perilampus discolor* Walker, by monotypy.

Aperilampus aurantiacus nigripes Strand

Aperilampus aurantiacus nigripes Strand, 1911: 1?. Type data: Erytrea [Ethiopian]. Unknown type status. Type depository: BERL. DISTRIBUTION: **Afrotropical**: Ethiopia [Strand1911].

Aperilampus brevicornis (Risbec)

Perilampus brevicornis Risbec, 1951: 371-373. Type data: ????. Unknown type status.
Aperilampus brevicornis; Kerrich, 1956: 122. Change of combination.

Aperilampus discolor (Walker)

Perilampus discolor Walker, 1862. Unknown type status. Type depository: Natural History Museum, London.
Aperilampus discolor; Walker, 1871: ????. Change of combination.
Aperilampus discolor; Strand, 1911: 1?.
 CITATIONS: Darlin1988 [Sae].

Aperilampus niayensis (Risbec) new combination

Chalcura niayensis Risbec, 1957: 260. Type data: Senegal: Station de Niayes. Holotype female, by monotypy. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: female. Illust. Notes: Synonymy based on detailed illustrations.
 DISTRIBUTION: **Afrotropical**: Senegal.

Aperilampus varians Strand

Aperilampus discolor varians Strand, 1911: 1?. Type data: Nyassa See, Langenburg [collector?]. Unknown type status. Type depository: BERL.
Aperilampus varians; Darling, 1992: 333. Change of status.
 ASSOCIATIONS: Host - HYMENOPTERA **Halictidae**: *Halictus (seladonia) africanus* Friese [Darlin1992].
 CITATIONS: Darlin1992 [Tsp, Dim, Iil, Iip, host record].
 DISTRIBUTION: **Afrotropical**: South Africa.

Philomides Haliday

Philomides Haliday, 1862: 138. Type species: *Philomides paphius*, by monotypy.
Sternodes Stefani, 1891: 118. Type species: *Sternodes pusateri* Stefani (= *Philomides paphius* Haliday), by original designation. Homonym; discovered by Dalla Torre, 1898: 88.
Destefania Dalla Torre, 1898: 88. Replacement name Ruschka, 1924: 91.
Destefania; Ashmead, 1904[238]: 268, 269 (key).
Philomides; Ruschka, 1924: 91-92. Subsequent description.
 CITATIONS: Boucek1978 [Tsc]; DeSant1950anatomy; Masi1919 [??].
 KEYS: Risbec 1953: 607].

Philomides abercornensis Risbec

Philomides abercornensis Risbec, 1958: 154. Type data: Zimbabwe [N. Rhodesia]: Abercorn. Holotype female, by monotypy. Type depository: NMSA. Described: female. Illust.
 DISTRIBUTION: **Afrotropical**: Zimbabwe.

Philomides aethiopicus Masi

Philomides aethiopicus Masi, 1939: 26. Type data: S. Abyssinia (=Javello Bora Ethiopia). Unknown type status. Described: female. Illust.
 DISTRIBUTION: **Afrotropical**: Ethiopia.

Philomides frater Masi

Philomides frater Masi, 1926: 372-375. Type data: Taiwan: Taihorin. Holotype male, by monotypy. Described: male. Illust.
Philomides frater; Ishii, 1956: 32-33. Described: male. Illust. Subsequent description.
 DISTRIBUTION: **Oriental**: Taiwan.

Philomides gigantea (Risbec)

Fissicrania gigantea Risbec, 1952: 299. Type data: Senegal. Unknown type status.
Philomides gigantea; Risbec, 1953: 606. Change of combination.
 DISTRIBUTION: **Afrotropical**: Senegal.

Philomides hoggariensis Ferrière

Philomides hoggariensis Ferrière, 1968: 240. Type data: Hoggar, Sahara ?. Unknown type status.

Philomides metallicus Risbec

Philomides metallicus Risbec, 1958: 157-159. Type data: Zimbabwe [S. Rhodesia]: Bulawayo.

Holotype female, by monotypy. Type depository: NMSA. Described: female. Illust. Notes:

Boucek's new genus.

DISTRIBUTION: **Afrotropical**: Zimbabwe.

Philomides paphius Haliday

Philomides paphius Haliday, 1862: 115. Type data: Albania: Ile de Chypre. Holotype male, by monotypy. Type depository: MNHP. Described: male. Notes: Type locality and deposition in question, see Westwood (1874)

Philomides paphius; Westwood, 1874: 138. Described: male. Illust. Subsequent description.

Sternodes pusateri Stefani, 1891: 118. Unknown type status. Synonymy by Ruschka, 1924: 92.

Philomides paphius; Ruschka, 1924: 92. Described: both sexes. Subsequent description.

Philomides paphius; Masi, 1949: 93-94. Described: female. Subsequent description.

DISTRIBUTION: **Palaeartic**: Albania?; Israel [Masi1949].

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Incertae Sedis Species

Kapala aenea (Blanchard)

Eucharis aenea Blanchard, 1849: pl.113, fig 7. Type data: Unknown. Unknown type status female, type designation unknown. Type depository: Paris: Museum National d'Histoire naturelle, France. Described: female. Illust.
CITATIONS: Heraty2002 [Tct].

Genera Removed from Family

Haltichella

Chirocera Latrielle, 1829: 295. Notes: Stated only as "Celles des autres sont simples dans les deux sexes", and footnote reference to included species.

Psilogasteroides

Psilogasteroides Brèthes, 1910: 209-210.

Rileyia

Tragicola Brèthes, 1918: 82. Removed from family by De Santis, 1968: ????

Species Removed from Family

male ant

Eucharis democles Walker, 1839: 15-16. Notes: Male ant (Boucek 1988: 514). Syntype male in BMNH.

Galearia cyanea

Scutellista cyanea Motschulsky, 1859: 172-173. Described: female. Notes: Does not belong here. Not a eucharitid. Motschulsky (on page 173) states that the specimen is similar to *Thoracantha* or *Galearia violacea*, but not that it is the same. Dalle Torre (1898: 365) transferred this genus to *Thoracantha*. From the description it appears to be a Eunotinae as suggested from the original generic placement.

Psilogasteroides formicarius

Psilogasteroides formicarius Brèthes, 1910: 210. Described: female. Notes: Diapriidae