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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]; Ashmead1899157 [Tke, Tnm, Tre, Dad]; Boucek1988 [Tre: 513-514]; Burks1979 [Tct: 875]; Cameron1884 [Tkg, Tre]; Ceballos1942 [Tre: 197]; Clause1923 [Lhi]; Clause1928 [Lhi]; Dahms1978anatomy; Graham1969 [Tsc]; Heraty1995anatomy; Heraty2006a [Tn., Life History]; Heraty2006b [Tn., Life History]; Muesebeck1951 [Tct: 514]; Narendran1985b [Tkg]; Schmiegelow1909 [Tky, Tct].

KEYS: Heraty 2006a: 711-714 [Neotropical genera.]; Heraty 2006b: 356 [Neotropical subfamilies.]; 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* Girault.

#### Akapala Girault

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

CITATIONS: Boucek1988 [Tre]; Darlington1988 [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.

*Akapala astriaticeps* Girault, 1934[442]: 1[306]. Type data: Australia: Queensland, Kingston, forest. Unknown type status. Described: female. Synonymy by Boucek, 1988: 518.

*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.

*Kapala rudis*; Hedqvist, 1978: 240. Change of combination.  
*Akapala rudis*; Boucek, 1988: 518. Illust. Change of combination.  
 DISTRIBUTION: **Australasian**: Australia (South Australia).

### Subfamily Gollumiellinae

*Gollumiellinae* Heraty et al., 2004: 11. Type species: *Gollumiella* Hedqvist, by original designation.

#### 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: London: Natural History Museum, England; 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.

#### *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.  
*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]; RomeroHe2010 [morphology].  
 DISTRIBUTION: **Oriental**: Bangladesh [Heraty1992]; Hong Kong [Heraty1992]; Laos [Heraty1992]; Malaysia (Malaya [Heraty1992]); Vietnam [Heraty1992]. **Palaeartic**: China [Heraty1992].

#### *Gollumiella buffingtoni* Heraty

*Gollumiella buffingtoni* Heraty, 2004: 3-6. Type data: Japan: Niigata Kurokawa, Tainai R. 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: **Palaeartic**: China (Beijing (=Peking) [Heraty2004a]); Japan (Honshu [Heraty2004a], Kyushu [Heraty2005]).

**Gollumiella darlingi Heraty**

*Gollumiella darlingi* Heraty, 2004: 8-9. Type data: Indonesia: W. Kalimantan Gunung Palung Nat. Pk. Holotype female (examined), by original designation. Type depository: Toronto: Royal Ontario Museum. Described: both sexes. Illust.

DISTRIBUTION: **Oriental**: Indonesia (Kalimantan (=Borneo) [Heraty2004a]).

**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: London: Natural History Museum, England. 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.

*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]; HeratyHaKo2004 [Behavior, illustration-immature, phy].

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]. **Palaeartic**: 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].

**Gollumiella ochreatea Heraty**

*Gollumiella ochreatea* Heraty, 2004: 6-8. Type data: Malaysia: Selangor, K.L. Univ. Malaya, Rimba Ilmu. 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.

DISTRIBUTION: **Oriental**: Malaysia (Malaya [Heraty2004a]).

## Subfamily Oraseminae

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

*Oraseminae*; Heraty, 1985: 63. Subsequent description.

*Oraseminae*; Boucek, 1988: 513. Subsequent description.

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

*Oraseminae*; Heraty, 1995: 311-312. Subsequent description.

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

*Oraseminae*; Heraty, 2000: 384-387. Subsequent description.

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

CITATIONS: Boucek1988anatomy; Burks1979anatomy.

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.

### 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: Hayat2000 [description-Adult]; 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.

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

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

*Orasema*; Schmiedeknecht, 1909: 73.

*Semora* Cameron, 1909: 432-433. Type species: *Semora xanthopus* Cameron, by original designation. Homonym; discovered by Strand, 1942: 393.

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

*Losbanus* Ishii, 1932: 210. Type species: *Losbanus uichancoi* Ishii, by monotypy. Synonymy by Heraty, 1992: 586.

*Orasema*; Gemignani, 1933: 488-489. Subsequent description.

*Parasemora* Gemignani, 1933: 192-193. Type species: *Parasemora freychei* Gemignani, by monotypy. Synonymy by Heraty, 1994: 54.

*Semora*; Gemignani, 1933: 491-492. Subsequent description.

*Semorata* Strand, 1942: 393. Replacement name.

*Semorella* Ghesquière, 1946: 368. Replacement name.

*Orasema*; Kerrich, 1963: 366. Subsequent description.

*Losbanus*; Hedqvist, 1978: 229. Subsequent description.

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

*Orasema*; Heraty, 2002: 47-49. Subsequent description.

CITATIONS: Ashmea188845 [Tke, Tre: 187]; Ashmea1899157 [Tkg: 239, 241]; Ashmea1904238 [Tkg: 267, 269]; Beshea1974 [Dil]; Darlin1988 [Sae]; Heraty2000 [Phy]; Heraty2000 [Phy, Behavior, illustration-immature].

KEYS: Narendran & Girish Kumar 2005: 12; 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, Loreto 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.  
 ASSOCIATIONS: Associate - AQUIFOLEACEAE : *Ilex paraguayensis* [Gahan1940] (Type series (15 specimens) found ovipositing in young leaves).  
 CITATIONS: Heraty2002 [Tct]; Nicoli1950 [Bov]; Parker1942 [Dim, lie, lil, 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: London: Natural History Museum, England; type no. 5.2066. Described: both sexes. Illust.  
*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: London: Natural History Museum, England. 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. für 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: London: Natural History Museum, England; type no. 5.373. Described: female.

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.

*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 delhiensis Narendran & Girish Kumar**

*Orasema delhiensis* Narendran & Girish Kumar, 2005: 10-14. Type data: India: New Delhi, near Saphtharjung airport. Holotype female, by original designation. Type depository: Calcutta: Department of Zoology, Calcutta University, West Bengal, India; type no. GK 11. Described: female. Illust.

*Orasema delhiensis*; Girish Kumar et al., 2007: 127-128. Subsequent description.

DISTRIBUTION: **Oriental**: India (Uttar Pradesh [GirishNaRa2008]).

#### **Orasema delicatula (Walker)**

*Eucharis delicatula* Walker, 1862: 377. Type data: [Australia (?)]. Lectotype female (examined), by subsequent designation Boucek, 1988: 520. Type depository: London: Natural History Museum, England; type no. 5.612. Described: female.

*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: 468]; Heraty2002 [Tct].

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

#### **Orasema fraudulenta (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 fraudulenta*; 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.

*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.

*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: London: Natural History Museum, England; type no. 5.2067. Described: both sexes. Illust.

*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: 355]; 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: London: Natural History Museum, England; type no. 5.372. Described: both sexes. Illust. *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]; RomeroHe2010 [morphology]. 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 Antanitotsy. 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 nirpama Girish Kumar & Narendran**

*Orasema nirpama* Girish Kumar & Narendran, 2007c: 150-152. Type data: India: Kerala, Malappuram Dist. Holotype female, by original designation. Type depository: Calcutta: National Zoological Collection, Zoological Survey of India, India; type no. 9994/H3. Described: female. Illust. DISTRIBUTION: **Oriental**: India (Kerala [GirishNa2007c]).

#### **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 [Ashmea189282]).

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: London: Natural History Museum, England; type no. 5.609. Described: female.

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

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

CITATIONS: Ashmea1904238 [Tct: 468]; DeSant1967b [Ttd: 7]; Heraty2002 [Tct]; Walker1846 [Tct: 21].

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

### **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.

*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: Hosts - FORMICIDAE **Myrmicinae**: *Solenopsis invicta* Buren [VaroneBr2009], *Solenopsis richteri* Forel [HeratyWoJo1993, VaroneBr2009].

CITATIONS: Heraty2002 [Tct]; HeratyWoJo1993anatomy; VaroneBr2009 [Behavior, Life History].

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: London: Natural History Museum, England; type no. 5.372. Described: female.

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

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

CITATIONS: Heraty2002 [Tct]; Wolcot1948 [Pir, 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 costaricensis**

*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.

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.

CITATIONS: WilsonCo1972 [Lhi].

**Orasema stramineipes Cameron**

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

*Orasema flavipes* Kirby, 1886: 29. Unjustified emendation; discovered by Dalla Torre, 1898: 361.

*Orasema stramineipes*; Howard, 1894: 84.

*Orasema stramineipes*; Gahan, 1940: 446.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Panama [Camero1884].

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.  
*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 - **Leguminoseae**: *Leucanena glauca* [Ishii1932]. **Ulmaceae**: *Celtis philippinensis* [Ishii1932].  
CITATIONS: Baltaz1966b [Tct: 131]; 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: London: Natural History Museum, England; type no. 5.617. Described: male.  
*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.  
*Parapsilogaster valgius*; Girault, 1915[241]: 233. Described: both sexes. Change of combination.  
*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: 21].

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: 355]; 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.

*Orasema viridis*; Gahan, 1940: 454-455. Described: both sexes. Subsequent description.

CITATIONS: Brimle1942 [Rre]; Heraty2002 [Tct]; JohnsoMiHe1986 [Dim, Lhi, host record, Hpl]; Parker1924 [Dim: 270]; 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.

*Orasema viridis*; Wheeler, 1907: 2-12. Misidentification; discovered by Gahan, 1940: 456.

*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: London: Natural History Museum, England; type no. 5.369. Described: female.

*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.

*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, lim]; 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.

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.

*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 [Giraul1940459, 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: London: Natural History Museum, England; type no. 5.619. Described: male.

*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.

*Eucharomorpha viridis*; Girault, 1915[241]: 229. Subsequent description.

*Eucharomorpha fuscipes*; Girault, 1915[241]: 229-230. Subsequent description.

*Eucharomorpha viridis*; Girault, 1929[431]: 331. Described: female.

*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.

*Epimetagea 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.

*Orasemomorpha eribotes*; Boucek, 1988: 519. Illust. Change of combination.

*Orasemomorpha eribotes*; Heraty, 1994a: 51-54. Subsequent description.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole* sp. [Boucek1988]

CITATIONS: Heraty2002 [Tct]; Walker1846 [Tct: 21].

DISTRIBUTION: **Australasian**: Australia (Queensland [Heraty1994a], Tasmania [Walker1839, Heraty1994a], Territory of Ashmore & Cartier Islands [Heraty1994a], Victoria [Girault1915241, Heraty1994a], Western Australia [Heraty1994a]).

KEYS: Heraty 1994a: 42.

#### **Orasemomorpha 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.

*Orasemomorpha goethei*; Boucek, 1988: 519. Change of combination.

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

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Girault1934442, Heraty1994a], Victoria [Girault1934442, Heraty1994a]).

KEYS: Heraty 1994a: 42.

#### **Orasemomorpha 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.

*Epimetagea myrmicae*; Hedqvist, 1978: 243.

*Epimetagea myrmicae*; Dahms, 1984: 842.

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

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

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pheidole* sp. [Girault1936447]

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (South Australia [Heraty1994a], Victoria [Girault1936447]).

KEYS: Heraty 1994a: 42.

#### **Orasemomorpha pyttalus (Walker)**

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



5.615. Described: female.

*Orasemomorpha pyttalus*; Boucek, 1988: 519. Change of combination.

*Orasemomorpha 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.

### **Orasemomorpha sparsepilosa Heraty**

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

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

CITATIONS: Heraty2002 [Tct].

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

KEYS: Heraty 1994a: 42.

### **Orasemomorpha 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.

*Orasemomorpha tridentata*; Boucek, 1988: 519. Change of combination.

*Orasemomorpha wheeleri*; Boucek, 1988: 519. Change of combination.

*Orasemomorpha 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 [Girault1915241, Heraty1994a], Territory of Ashmore & Cartier Islands [Heraty1994a]).

KEYS: Heraty 1994a: 42.

### **Orasemomorpha 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.

*Orasemomorpha varidentata*; Boucek, 1988: 519. Change of combination.

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

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Tasmania [Girault1936447]).

KEYS: Heraty 1994a: 42.

### **Orasemomorpha 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: London: Natural History Museum, England; type no. 5.620.

*Orasemomorpha xeniades*; Boucek, 1988: 519, f.928. Illust. Change of combination.

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

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

CITATIONS: Heraty2002 [Tct]; Walker1846 [Tct: 21].

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.

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: London: Natural History Museum, England. 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: London: Natural History Museum, England. 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: London: Natural History Museum, England. 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: London: Natural History Museum, England. 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: London: Natural History Museum, England; 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 Walker

*Eucharidae* Walker, 1846: 21. Type species: *Eucharis* Fabricius.

*Eucharinae* Kirby, 1886: 28.

*Eucharitinae* Burks, 1979: 875.

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

*Eucharitinae*; Heraty, 1995: 321. Subsequent description.

*Eucharitinae*; Heraty, 2002: 66-67. Subsequent description.

CITATIONS: Heraty1997 [Da., Life History]; Heraty2002anatomy; Heraty2006a [Tn., Life History]; Heraty2006banatomy.

KEYS: Heraty 2006: 711-714.

### Tribe Psilocharitini

*Psilocharitini*; Heraty, 2002: 67-68. Subsequent description.

CITATIONS: HeratyDa2009 [fossil placement].

### Neolosbanus Heraty

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

*Neolosbanus*; Heraty, 2002: 68-69. Subsequent description.

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)

*Orasema 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.

*Orasema gemma*; Dahms, 1984: 646.

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

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

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Giraul1932437, 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.

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.

*Orasema purpureoventris*; Boucek, 1988: 520. Misidentification.

*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.

*Orasema palgravei*; Dahms, 1986: 376.

*Neolosbanus nishidai*; Boucek, 1988: 520.

*Losbanus petersoni*; Boucek, 1988: 521.

*Orasema indica* Snehathala 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.

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

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

DISTRIBUTION: **Australasian**: Australia (Queensland [Heraty1994a, Giraul1922361]); 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 (Bouganville [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: London: Natural History Museum, England; type no. 5.367. Described: both sexes. Illust.

*Orasema purpureoventris*; Boucek, 1988: 520-521. Misidentification.

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

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 (Bouganville [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).

**Palaeocharis Heraty & Darling**

*Palaeocharis* Heraty & Darling, 2009: 5-8. Type species: *Palaeocharis rex* Heraty & Darling, by original designation.

**Palaeocharis rex Heraty & Darling**

*Palaeocharis rex* Heraty & Darling, 2009: 5-8. Type data: Baltic Amber, Lutetian. Holotype female (examined), by original designation. Type depository: New York: American Museum of Natural History, Dept. Ent. Coll., NY, USA; type no. JWW686. Described: female. Illust.

**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: London: Natural History Museum, England. 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: London: Natural History Museum, England; 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.

*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.

CITATIONS: Heraty2002 [Tct]; Walker1846 [Tct: 21].

DISTRIBUTION: **Australasian**: Australia [Giraul1936447, Giraul1936447] (New South Wales [Heraty1994a, Walker1839], Queensland [Heraty1994a, Giraul1934442], Tasmania [Heraty1994a], Territory of Ashmore & Cartier Islands [Heraty1994a], Western Australia [Heraty1994a]).

KEYS: Heraty 1994a: 84.

### Tribe Eucharitini Heraty

*Eucharitini* Heraty, 2002: 74-75. Type species: *Eucharis* Fabricius, by original designation.

#### 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: London: Natural History Museum, England. Described: male.

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.

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

#### *Ancylotropus keralensis* Girish Kumar & Narendran

*Ancylotropus keralensis* Girish Kumar & Narendran, 2008b: 92-94. Type data: India: Kerala, Wayanad Dt. Holotype male, by original designation. Type depository: Calcutta: National Zoological Collection, Zoological Survey of India, India; type no. 9991/H3. Described: male. Illust.

DISTRIBUTION: **Oriental**: India (Kerala [GirishNa2008b]).

#### *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 London: Natural History Museum, England; type no. 40923. Described: both sexes.

*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.

*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.

*Epimetegea montana*; Hedqvist, 1978: 243. Change of combination.

*Chalcura montana*; Boucek, 1988: 528. Change of combination.

*Parapsilogastrus heraty* 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.**

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].

### **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: Ashmea188845 [Tke, Tre: 187].

#### **Austeucharis boudiennyi (Girault)**

*Epimetegea 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.

*Epimetegea boudiennyi*; Dahms, 1983: 146.

*Austeucharis boudiennyi*; Boucek, 1988: 525. Change of combination.

CITATIONS: Heraty2002 [Tct].

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

#### **Austeucharis fasciventris (Brues)**

*Psilogaster fasciventris* 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.

*Epimetegea fasciventris*; Hedqvist, 1978: 243. Change of combination.

*Austeucharis fasciventris*; 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.

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

*Epimetegea ilyichi*; Dahms, 1984: 708.

*Austeucharis ilyichi*; Boucek, 1988: 526. Change of combination.

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: London: Natural History Museum, England; type no. 5.613. Described: female.

*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.

*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: London: Natural History Museum, England; type no. 5.3067.

*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: London: Natural History Museum, England; type no. 5.368.

*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: Forel1890 [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.

*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: London: Natural History Museum, England; type no. 5.611. Described: male.

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

*Austeucharis piceicornis*; Boucek, 1988: 526. Change of combination.

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.

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

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

*Psilogaster pulcher*; Dahms, 1986: 431.

*Austeucharis pulchra*; Boucek, 1988: 526. Change of combination.

DISTRIBUTION: **Australasian**: Australia (Tasmania [Girault1913175]).

#### ***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.

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

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia [Ashmead1900178].

#### ***Austeucharis smaragdina* (Walker)**

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

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

*Austeucharis smaragdina*; Boucek, 1988: 526. Change of combination.

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: 74].

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

#### ***Babcockiella* 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: London: Natural History Museum, England. 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).  
*Epimetagea* Girault, 1913[148]: 225. Type species: *Epimetagea 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.  
*Epimetagea*; Hedqvist, 1978: 242. Subsequent description.  
*Rhipipallus*; Hedqvist, 1978: 243-244. Subsequent description.  
*Chalcura*; Heraty, 2002: 103-106. Subsequent description.  
CITATIONS: Ashmead188845 [Tke, Tre: 187]; Ashmead1899157 [Tkg; and as *Rhipipallus*: 239, 241]; Ashmead1904238 [Tkg: 268, 269]; Darlin1988 [Sae].  
KEYS: Hedqvist 1978: 242 [Australasian].

#### ***Chalcura aeginitus* (Walker)**

*Eucharis aeginitus* Walker, 1846: 86. Type data: Philippines. Unknown type status. Type depository: London: Natural History Museum, England; type no. 5.622. Described: male. Illust.  
*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.  
*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)**

*Epimetagea 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.  
*Epimetagea 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.  
*Epimetagea 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.  
*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.

*Epimetegea purpurea*; Girault, 1915[241]: 226-227. Described: female. Subsequent description.  
*Rhipipallus affinis*; Girault, 1915[241]: 234-235. Described: both sexes. Subsequent description.  
*Chalcuroides versicolor*; Girault, 1915[241]: 236. Described: male. Subsequent description.  
*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.  
*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.  
*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.  
*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.  
*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.  
*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: London: Natural History Museum, England; type no. 5.623.  
*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: 51].  
 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.  
*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 hemiglaber(!)* 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.  
*Epimetegea hemiglaber*; 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.  
*Chalcurelloides hyalinus*; Girault, 1915[241]: 237. Described: male. Subsequent description.  
*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.  
*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.  
*Epimetegea magnifica*; Girault, 1915[241]: 227. Described: female. Change of combination.  
*Epimetegea magnifica*; Girault, 1929[431]: 334. Described: female. Subsequent description.  
*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.  
*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.  
*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.  
*Chalcurella nigricyanea*; Girault, 1915[241]: 231. Described: male. Subsequent description.  
*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.  
*Chalcuroidella orientalis*; Girault, 1915[241]: 236. Described: male. Subsequent description.  
*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.  
*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.  
*Chalcura peterseni*; Boucek, 1988: 529. Change of combination.  
 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.  
*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.  
*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.  
*Epimetegea purpureicorpus*; Girault, 1915[241]: 227. Described: female. Change of combination and replacement name.  
*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.  
*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: London: Natural History Museum, England; type no. 5.614. Described: female.  
*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.  
 CITATIONS: Heraty2002 [Tct].  
 DISTRIBUTION: **Australasian**: Western Samoa [Fullaw1939, Heraty2002].  
 KEYS: Hedqvist 1978: 242.

#### **Chalcura sanguiventris (Girault)**

*Epimetegea 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.

*Epimetegea sanguiniventris 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 Bouček, 1988: 529.

*Epimetegea sanguiniventris*; Dahms, 1986: 502-503.

*Epimetegea sanguiniventris oji*; Dahms, 1986: 503.

*Chalcura sanguiniventris*; Bouček, 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 Bouček, 1988: 530. Type depository: London: Natural History Museum, England; type no. 5.375.

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

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

*Chalcura turneri*; Bouček, 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.

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

Lectotype male, by subsequent designation Bouček, 1988: 530. Type depository: London: Natural History Museum, England; type no. 5.621. Described: male.

*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*; Bouček, 1988: 530. Change of combination.

CITATIONS: Heraty2002 [Tct]; Walker1846 [Tct: 21].

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

### **Cherianella Narendran**

*Cherianella* Narendran, 1994: 94-95.. Type species: *Cherianella narayani* Narendren, 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.

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.

CITATIONS: GirishNa2007b [description-Adult, illustration-adult, range].

DISTRIBUTION: **Oriental**: India (Kerala [GirishNa2007b], Tamil Nadu [Narend1994]); Sri Lanka [Heraty2002].

#### **Cherianella rachuela Heraty**

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

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: London: Natural History Museum, England. 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;: 240, 242]; Ashmea1904238 [Tkg: 268, 270].

### ***Dicoelothorax parviceps* Cameron**

*Dicoelothorax parviceps* Cameron, 1913: 117-118. Type data: Guyana. Syntypes, female (examined).

Type depository: London: Natural History Museum, England. Described: female.

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;: 240]; Ashmea1904238 [Tkg: 268, 270]; 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: Cambridge: Museum of Comparative Zoology, Entomology Department, Harvard University, MA, USA. 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: London: Natural History Museum, England; type no. 5.630. Described: female.

*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: 471]; Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Brazil [Walker1862] (Pará [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.

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

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

*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.

*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.

*Eucharis* (*Eucharis*); Boucek, 1956: 252. Change of status.

*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.

*Psilogastrellus*; Boucek, 1977: 124. Subsequent description.

*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.

CITATIONS: Heraty2002 [Tct].

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

### **Eucharis sp.1**

*Chalcurella* sp.1 Wasmann, 1894: 168.

*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*; Latrielle, 1805: 210. Subsequent description.

*Eucharis*; Fabricius, 1805: 157. Subsequent description.

*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.

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

CITATIONS: Andrie1968 [Tre]; Ashmea188845 [Tke, Tre: 187]; Ashmea1899157 [Tkg: 239, 241];

Ashmea1904238 [Tkg: 267, 269]; PeckBoHo1964 [Tkg].

KEYS: Nikolskaya 1952: 204-210 (adult) [Palearctic]; Gussakovskiy 1940: 151-155 (adult) [as subgenera *Eucharis*, which includes *Psilogastrellus*, and *Chal*; *Palaeartic region.*]; Ruschka 1924: 83 (adult) [as *Eucharis*].

### ***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.

*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.

*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* Linnaeus? [Fahrin1922, FahrinTö1912, Ruschk1924].

CITATIONS: Andrie1968 [Lhi]; Boucek1956b [Dim, lim, Bov]; Boucek1977 [Rre]; Domeni1953

[morphology, ill: 49-50.]; Fabric1805anatomy; Heraty2002 [Tct]; Panzer1796 [anatomy p. 10 (fascicle 88)]; Walker1846 [Tct: 21].

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.

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: 234]; 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 (Dobrukscha). Holotype male, by original designation. Described: male. Illust.

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: London: Natural History Museum, England. Described: male.

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.

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) przhivalskii* Gussakovskii**

*Eucharis przhivalskii* 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.

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.

*Eucharis reticulata*; Erdős, 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: Sarepeta 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 [Ruschk1924, 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. Petersburg: (= 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.

*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.

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

CITATIONS: Andrie1968 [Tre]; Ashmea188845 [Tke, Tre: 187]; Ashmea1899157 [Tkg: 239, 241];

Ashmea1904238 [Tkg: 267, 269]; PeckBoHo1964 [Tkg].

KEYS: Nikolskaya 1952: 204-210 (adult) [Palaeartic]; Gussakovsky 1940: 151-155 (adult) [as subgenera *Eucharis*, which includes *Psilogastrellus*, and *Chal*; **Palaeartic region.**]; Ruschka 1924: 83 (adult) [as *Eucharis*].

**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.

*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.

*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, lim, Bov]; Boucek1977 [Rre]; Domeni1953  
[morphology, ill: 49-50.]; Fabric1805anatomy; Heraty2002 [Tct]; Panzer1796 [anatomyp. 10 (fascicle  
88)]; Walker1846 [Tct: 21].

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.

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: 234]; 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 (Dobrukscha). Holotype male, by original designation. Described: male. Illust.

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. Kazakshstan. 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: London: Natural History Museum, England. Described: male.

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.

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) przhivalskii Gussakovskii**

*Eucharis przhivalskii* 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.

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.

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

CITATIONS: Heraty2002 [Tct].

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

**Eucharis (Eucharisca) Boucek**

*Chalcurella* Gusakovskii, 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: London: Natural History Museum, England, and Vienna: Naturhistorisches Museum Wien, Austria; type no. 5.376. Described: both sexes. Illust.

*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: 35]; 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.

*Eucharis (Eucharisca) hyalinipennis*; Boucek, 1956a: 258. Change of combination.

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.  
*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 [Ruschk1924].

#### **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.  
*Eucharis (Eucharisca) schmiedeknechti*; Boucek, 1956a: 258. Change of combination.  
 CITATIONS: Heraty2002 [Tct].  
 DISTRIBUTION: **Palaeartic**: Algeria [Ruschk1924]; Tunisia [Ruschk1924].

#### **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.  
*Psilogaster*; Ashmead, 1888[45]: 187 (in key).  
*Psilogaster*; Ashmead, 1904[238]: 267, 269 (key).  
*Psilogastrellus* Ghesquière, 1946: 368.  
*Eucharis (Pachyeucharis)* Boucek, 1956a: 251-253. Type species: *Eucharis punctata* Forster, by original designation. Synonymy by Boucek, 1977: 124.  
*Psilogastrellus*; Boucek, 1977: 124. Subsequent description.  
*Eucharis (Psilogastrellus)*; Heraty, 2002: 143-144. Revived status.  
 CITATIONS: Ashmea1899157 [Tkg;as *Psilogaster*: 239, 241]; Ashmea1904238 [Tkg: 267, 269].  
 KEYS: Boucek 1956a: 256-257 [as *Eucharis (Pachyeucharis)*; 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.  
*Eucharis (Pachyeucharis) acuminatus*; Boucek, 1956a: 257 (in key).  
*Psilogastrellus acuminata*; Boucek, 1977: 124. Change of combination.  
 CITATIONS: Heraty2002 [Tct].  
 DISTRIBUTION: **Palaeartic**: Russia [Ruschk1924].

#### **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.  
 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.

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.

*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: 124]; 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.

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.

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.

*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: 239, 241]; Ashmea1904238 [Tkg: 267, 269]; 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: London: Natural History Museum, England. 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.

*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.

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: 239, 241]; Ashmea1904238 [Tkg: 267, 269]; 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: London: Natural History Museum, England. 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.

*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.

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].

#### **Galearia Brullé**

*Thoracanta*; Blanchard, 1840: 257. Misspelling of genus name.

*Galearia* Brullé, 1846: 572, pl.38. Type species: *Galearia violacea* Brullé (= *Thoracantha latreillei*), by monotypy.

*Thoracantha*; Kirby, 1886: 32.

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

*Thoracantha*; Ashmead, 1892[82]: 357.

*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**.

*Galearia*; Heraty, 2002: 151-154. Subsequent description.

CITATIONS: Ashmea188845 [Tke, Tre: 187]; Ashmea1899157 [Tkg, Ac: 240, 242]; Ashmea1904238 [Tkg; as *Thoracantha*.: 268, 270].

KEYS: Gemignani 1933: 430-431.

#### **Galearia 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.

*Thoracantha bruchi*; Gemignani, 1947: 9.

ASSOCIATIONS: Host - FORMICIDAE **Myrmicinae**: *Pogonomyrmex carnivora* Snts.? [Gemign1933].

CITATIONS: Darlin1988 [Sae].

DISTRIBUTION: **Neotropical**: Argentina (Salta [Gemign1933]).

#### **Galearia cyanea**

**No valid record found for this species**

#### **Galearia latreillii (Guérin-Ménéville)**

*Thoracantha latreillii* Guérin-Ménéville, 1838: 415. Type data: Brésil [Brazil]. Unknown type status female (examined). Type depository: Paris: Museum National d'Histoire naturelle, France. Described: female. Illust.

*Thoracantha coleopteroides* Waterhouse, 1839: 196. Type data: Bahia [South America]. Unknown type status female. Described: female. Illust. Synonymy by Kirby, 1886: 32.

*Thoracantha latreillei* Blanchard, 1840: 257. Described: female. Unjustified emendation.

*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.

*Thoracantha apta* Walker, 1862: 384. Type data: [Brazil] Santarem. Syntypes (examined). Type depository: London: Natural History Museum, England; type no. 5.628b. Synonymy by Ashmead, 1904[238]: 470.

*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: Ashmead1904238 [Tct: 469]; Heraty2002 [Tct]; Walker1846 [Tct: 22].

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.

DISTRIBUTION: **Neotropical**: Argentina (Santiago del Estero [Gemign1947]). **Oriental**: Indonesia [Heraty2002]; Thailand [Heraty2002].

#### **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.

*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.

*Stibulaspis 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.

*Stibulaspis 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.

*Hydrorhoa caffra*; Heraty, 2002: 162. Illust. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Afrotropical**: Kenya [Heraty2002]; South Africa [Cameron1907] [Westwo1874, 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.

*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]: Penkrigde.

Holotype female (examined), by monotypy. Type depository: SAMC. Described: female. Illust.

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

DISTRIBUTION: **Afrotropical**: Botswana [Heraty2002]; Namibia (=Southwest Africa) [Heraty2002]; South Africa [Heraty2002]; Zimbabwe [Risbec1958].

### **Hydrorhoa striata (Risbec)**

*Stibulaspis 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.

*Stibulaspis 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.

*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.

*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.

*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].

### **Isomeralla Shipp**

*Isomeralla* Shipp, 1894: 188. Type species: *Isomeralla coronata* Westwood, by original designation.

*Isomeralla*; Ashmead, 1904[238]: 268,270 (key),471. Misspelling of genus name.

*Isomeralla*; Heraty, 2002: 165-166. Subsequent description.

CITATIONS: Ashmead1899157 [Tkg: 240, 242]; Ashmead1904238 [Tkg: 268, 270]; Heraty2005 [description-Adult].

KEYS: Heraty 2005: 139.

**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]; Heraty2005 [description-adults].

DISTRIBUTION: **Nearctic**: Mexico [Giraul1920354, Heraty2005]. **Neotropical**: Guatemala [Heraty2005]; Honduras [Heraty2005]; Panama [Heraty2005].

**Isomerala bouceki Heraty**

*Isomerala bouceki* Heraty, 2005: 143-144. 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.

DISTRIBUTION: **Neotropical**: Trinidad and Tobago (Trinidad [Heraty2005]); Venezuela [Heraty2005].

**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.

*Isomerala coronata*; Shipp, 1894: 188. Change of combination.

ASSOCIATIONS: Hosts - FORMICIDAE **Ponerinae**: *Ectatomma ruidum* [Heraty2002], *Ectatomma tuberculatum* Olivier [Wheele1907].

CITATIONS: Ashmea1904238 [Tct: 471]; Heraty2002 [Tct]; Heraty2005 [description-Adult]; Wheele1910 [Lhi, lad].

DISTRIBUTION: **Neotropical**: Brazil [Ashmea1904238, Westwo1874] (Distrito Federal (=Brasilia) [Heraty2005], Espirito Santo [Heraty2005], Paraá [Heraty2005], Pernambuco [Heraty2005], Rio de Janeiro [Heraty2005]).

**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.

*Kapala* Cameron, 1884: 102-103. Replacement name.

*Kapala*; Kirby, 1886: 32.

*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 inexagens* 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: 187]; Ashmea1899157 [Tkg: 240, 242]; Ashmea1904238 [Tkg: 269, 270]; 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: London: Natural History Museum, England; type no. 5.635. Described: male.

*Thoracantha surgens* Walker, 1862: 384. Type data: Brazil: Villa Nova. Syntypes, male (examined). Type depository: London: Natural History Museum, England; type no. 5.632. Described: male. **New**

**synonymy.**

*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: 472]; 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: London: Natural History Museum, England; type no. 5.390. Described: male.

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: London: Natural History Museum, England; type no. 5.636a. Described: both sexes.

*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: 467]; 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: 22].

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.

*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.

*Kapala furcata*; Brues, 1907: 105-106.

CITATIONS: Brethe1927 [Rre: 331]; Heraty2002 [Tct, Behavior, illustration-adult]; Walker1846 [Tct: 22].

DISTRIBUTION: **Nearctic**: United States of America? (Texas? [Brues1907]). **Neotropical**: Argentina [DeSant1964]; Brazil [Ashmea1904238, Brethe1927]; Costa Rica? [Camero1884]; Guatemala? [Camero1884]; Panama? [Camero1884].

### **Kapala inexas (Walker)**

*Thoracantha inexas* Walker, 1862: 381. Type data: Brazil: Santarem. Syntypes. Type depository: London: Natural History Museum, England; type no. 5.637b. Described: female.

*Schizaspidia inexas*; Walker, 1871: 66. Change of combination.

*Kapala inexas*; 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: London: Natural History Museum, England; type no. 5.385. Described: female.

*Kapala iridicolor*; Heraty & Woolley, 1993: 522. Described: both sexes. Illust. Change of combination.

ASSOCIATIONS: Hosts - FORMICIDAE **Ponerinae**: *Gnamptogenys regularis* Mayr [PerezLHeCa2006], *Gnamptogenys striatula* Mayr [PerezLHeCa2006], *Gnamptogenys sulcata* (Fr. Smith) [PerezLHeCa2006], *Pachycondyla stigma* (F.) [PerezLHeCa2006].

CITATIONS: Heraty2002 [Tct]; HeratyWo1993 [Tns, lad, Tsn, Tsp, Rng]; PerezLHeCa2006 [host record].

DISTRIBUTION: **Neotropical**: Nicaragua [Camero1904].

### **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.

CITATIONS: Heraty2002 [Tct, Behavior]; HeratyWo1993 [Rng].

DISTRIBUTION: **Afrotropical**: C\_ete 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 izapa Pérez-Lachaud et al.**

*Kapala izapa* Pérez-Lachaud et al., 2006: 568-571. Type data: Mexico: Chiapas, Rosario Izapa. 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.

ASSOCIATIONS: Host - FORMICIDAE **Ectatommatinae**: *Ectatomma ruidum* Roger [PerezLHeCa2006, HowardPeLa2001, LachauPe2009].

CITATIONS: HowardPeLa2001 [Behavior, cut, Hr, host record]; LachauPe2009 [host record, Behavior, Biological Control]; PerezLHeCa2006 [Behavior, illustration-immature].

DISTRIBUTION: **Neotropical**: Costa Rica [PerezLHeCa2006]; Mexico (Chiapas [PerezLHeCa2006]).

#### **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.

*Chirocerus pectinicornis*; Latreille, 1829: 295. Change of combination.

*Chirocera pectinicornis*; Blanchard, 1840: 256. Described: male. Illust. Subsequent description.

CITATIONS: Blanch1849 [anatomypp. 113, fig. 4].

#### **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.

*Kapala romandii*; Ashmead, 1904[238]: 473. Change of combination.

*Thoracantha romandii*; Gemignani, 1933: 430.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Colombia [Guerin1845].

#### **Kapala sp.1**

*Kapala sp.1* Berry, 1947: 77-80. Illust.

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 [Ashmea1904238]).

#### **Kapala striaticeps (Cameron) new combination**

*Holcokapala striaticeps* Cameron, 1913: 117. Type data: Guyana [from specimen]. Syntypes, female (examined). Type depository: London: Natural History Museum, England; type no. 5.391. Described: female.

DISTRIBUTION: **Neotropical**: Guyana [Cameron1913].

#### **Kapala sulcifacies (Cameron)**

*Lirata fulvicornis* Cameron, 1904: 61. Type data: Nicaragua: Managua. Holotype male (examined), by monotypy. Type depository: London: Natural History Museum, England; type no. 5.386. Described: male. Synonymy by Heraty, 1993: 522.

*Lirata sulcifacies* Cameron, 1904: 61. Type data: Nicaragua: Chinandega. Holotype male, by monotypy. Type depository: London: Natural History Museum, England; type no. 5.387. Described: male.

*Lirata nigriventris* Cameron, 1904: 61-62. Type data: Nicaragua: Chinandega. Holotype female (examined), by monotypy. Type depository: London: Natural History Museum, England; type no. 5.388. Described: female. Synonymy by Heraty, 1993: 522.

*Kapala furcata*; Gahan, 1940: 431. Misidentification.

*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, lad, Tsn, Tsp, Rng]; HeratyWo1993

[Behavior, description-adults]; HowardPeLa2001 [Now placed as *Kapala izapa*].

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: 240, 242].

### **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]).

### **Latina Koçak & Kemal**

*Laurella* Heraty, 2002: 177-179. Type species: *Laurella guriana* Heraty, by original designation.

Homonym of *Laurella* Hull, 1973 (Diptera); discovered by Koçak & Kemal, 2008: 6.

*Latina* Koçak & Kemal, 2008: 6. Replacement name for *Laurella* Heraty, 2002.

KEYS: Torrén et al. 2007: 50-51 (adult) [as *Laurella*].

### **Latina 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.

*Latina bonariensis*; Koçak & Kemal, 2008: 6. Change of combination.

CITATIONS: Heraty2002 [Tct].

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

### **Latina 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.

*Latina guriana*; Koçak & Kemal, 2008: 6. Change of combination.

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

### **Latina rugosa (Torrén et al.)**

*Laurella rugosa* Torrén et al., 2007: 46-50. Type data: Argentina: Salta, Termas de Rosario de la Frontera. Holotype female (examined), by original designation. Type depository: Buenos Aires: Museo Argentino de Ciencias Naturales, Division Entomologia, Argentina. Described: both sexes. Illust.

*Latina rugosa*; Koçak & Kemal, 2008: 6. Change of combination.

CITATIONS: TorrenHeFi2007 [illustration-immature, Behavior].

DISTRIBUTION: **Neotropical**: Argentina (Salta [TorrenHeFi2007]).

#### **Latina 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.

*Latina vianai*; Koçak & Kemal, 2008. 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: 187]; Ashmea1899157 [Tkg: 240, 242]; Ashmea1904238 [Tkg: 269, 270].

KEYS: Heraty 2002: 186-187.

#### **Lirata alta (Walker)**

*Thoracantha alta* Walker, 1862: 383. Type data: Brazil. Syntypes, female. Type depository: London: Natural History Museum, England; type no. 5.634. Described: female.

*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.

*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: London: Natural History Museum, England; type no. 5.389. Described: female. Illust.

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: London: Natural History Museum, England; type no. 5.633. Described: 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: London: Natural History Museum, England. 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: London: Natural History Museum, England; type no. 5.631ab. Described: both sexes.

*Schizaspidia striatissima*; Walker, 1871: 66. Change of combination.

*Lirata striatissimus*; Shipp, 1894: 189. Change of combination.

*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.

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: Ashmea188845 [Tke, Tre: 187]; Ashmea1899157 [Tkg: 240, 241]; Ashmea1904238 [Tkg: 268, 269].

### **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 [Ashmea189282, 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.

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: London: Natural History Museum, England; type no. 5.627. Described: male.

*Schizaspidia plagiata*; Westwood, 1874: 152. Illust. Subsequent description.

*Tetramelia plagiata*; Kirby, 1886: 31. Change of combination.

CITATIONS: Ashmea1904238 [Tct: 469]; 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: London: Natural History Museum, England; type no. 5.625. Described: male.

CITATIONS: Ashmea1904238 [Tct: 469]; 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: London: Natural History Museum, England. Described: female. Illust.

CITATIONS: Camero1884anatomy; Heraty2002 [Tct].

DISTRIBUTION: **Neotropical**: Panama [Camero1884].

### **Lophyrocera variabilis Torrèns et al.**

*Lophyrocera variabilis* Torrèns et al., 2008: 57-61.. Type data: Argentina, Tucumán: Los Chorrillos.

Holotype female (examined), by original designation. Type depository: Buenos Aires: Museo Argentino de Ciencias Naturales, Division Entomologia, Argentina. Described: both sexes. Illust.

CITATIONS: TorrenHeFi2008 [Behavior, illustration-immature].

DISTRIBUTION: **Neotropical**: Argentina (Tucuman [TorrenHeFi2008]).

#### **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: London: Natural History Museum, England. 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.

CITATIONS: Heraty2002 [Tct].

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

#### **Mimistaka Heraty**

*Risbecia* Heraty, 2002: 231-233. Type species: *Risbecia unispina* Heraty, by original designation. Homonym of *Mimistaka*; discovered by Heraty, 2005: 145.

*Mimistaka* Heraty, 2005: 145. Replacement name for *Risbecia* Heraty.

#### **Mimistaka 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.

*Mimistaka unispina*; Heraty 2005: 145. New Combination.

CITATIONS: Heraty2005 [nomenclature].

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

#### **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.  
*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: London: Natural History Museum, England. Described: female.  
*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.  
*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: 469]; Heraty2002 [Tct].  
 DISTRIBUTION: **Neotropical**: Brazil [Ashmea1904238].

**Obeza meridionalis (Kirby)**

*Tetramelia meridionalis* Kirby, 1889: 144. Type data: Brazil. Holotype female (examined), by monotypy.  
 Type depository: London: Natural History Museum, England; type no. 5.383. Described: female.  
*Obeza meridionalis*; Heraty, 1985: 88. Change of combination.  
 CITATIONS: Ashmea1904238 [Tct: 469]; 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: London: Natural History Museum, England. Described: male. Illust.

*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.

*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: 357]; 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.

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: London: Natural History Museum, England; type no. 5.638. Described: female.

*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.

*Parapsilogastrus* Girault, 1915[241]: 232. Replacement name. Homonym.

*Parapsilogastrus* Ghesquière, 1946: 368. Replacement name.

*Parapsilogastrus*; Heraty, 2002: 210-213. Subsequent description.

KEYS: 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: London: Natural History Museum, England; type no. 5.616. Described: male.

*Epimetegea fausta* Walker, 1862: 10. Type data: Australia: Tasmania, Hobart. Syntypes. Type depository: London: Natural History Museum, England. Described: male.

*Stilbula fausta*; Walker, 1871: 66. Change of combination.

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

*Parapsilogastrus fausta*; Girault, 1915[241]: 232. Described: male. Change of combination.

*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*; Ghesquière, 1946: 368. Change of combination.

*Epimetegea fausta*; Hedqvist, 1978: 242, 243. Change of combination.

*Epimetegea phidiasae*; Dahms, 1986: 409.

*Parapsilogastrus fausta*; Boucek, 1988: 527. Change of combination.

CITATIONS: Heraty2000 [Behavior]; Heraty2002 [Tct]; Walker1846 [Tct: 21].

DISTRIBUTION: **Australasian**: Australia (Capital Territory [Heraty2002], New South Wales [Heraty2002], Tasmania [Heraty2002], Tasmania [Walker1839], 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: London: Natural History Museum, England. 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: London: Natural History Museum, England. 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.

*Epimetegea ulyanovi*; Dahms, 1986: 607-608.

*Parapsilogastrus ulyanovi*; Boucek, 1988: 527. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Capital Territory [Girault1940459]).

**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.

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: 268, 269].

KEYS: Heraty 1986: 187-189 [New World]; Heraty 1985: 95-96 [North America].

**Pseudochalcura alba Heraty & Heraty**

*Pseudochalcura alba* Heraty & Heraty, 2009: 219-222. Type data: Argentina: Santiago del Estero, E of Lavalle. Holotype female (examined), by original designation. Type depository: Riverside: UCR Entomological Teaching and Research Collection, Univ. Calif., CA, USA; type no. 161499. Described: both sexes. Illust.

DISTRIBUTION: **Neotropical**: Argentina (Santiago del Estero [HeratyHeTo2009]).

**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]; Heraty2005 [nomenclature].

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: 1258]; Cook1905 [Lhi]; Darlin1988 [Sae]; Heraty2002 [Tct]; PierceMo1914 [Lhi]; Provan1883anatomy.

DISTRIBUTION: **Nearctic**: Canada (Alberta [Heraty1986], British Columbia, Manitoba, New Brunswick, Northwest Territories, Ontario, Quebec [MuesebeckKrTo1951], Saskatchewan, Yukon Territory); United States of America (Alaska, Arkansas, California, Colorado, Idaho, Michigan [MuesebeckKrTo1951], 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.

*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.

*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: 239, 241]; Ashmea1904238 [Tkg: 267, 269].

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.

*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, lim, 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.

*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, lim, Lde, host record]; Darlin1988 [Sae]; Heraty2002 [Tct]; HeratyDa1984 [Dim, lim, 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, Ashmea189282, 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.

[MaeyamMaTe1999].

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Papua New Guinea [MaeyamMaTe1999].

### **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.

*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.

*Rhipipalloidea mira*; Boucek, 1988: 530. Change of combination.

*Rhipipalloidea mira*; Maeyama, Machida & nd Terayama, 1999: 307-302. Illust. Subsequent description.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (New South Wales [Giraul1940459], Victoria [Giraul1934442]).

### **Saccharissa Kirby**

*Saccharissa* Kirby, 1886: 37. Type species: *Eucharis contingens* Walker, by original designation.

*Saccharissa*; Ashmead, 1904[238]: 267, 269 (in key).

*Saccharissa*; Heraty, 2002: 234-236. Subsequent description.

CITATIONS: Ashmea1899157 [Tkg: 239, 241]; Ashmea1904238 [Tkg: 267, 269].

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: London: Natural History Museum, England; type no. 5.605. Described: female.

*Schizaspidia contigens*; Walker, 1872: 66. Change of combination.

*Saccharissa contingens*; Kirby, 1886: 37. Change of combination.

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.

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. fur Pflanzenschutzforschung, Germany. Described: both sexes. Illust.

*Saccharissa vicina*; Boucek, 1988: 533. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Oriental**: Taiwan [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: 187]; Ashmead1899157 [Tkg; and as *Laetocantha*: 239, 241]; Ashmead1904238 [Tkg: 268, 269]; Brues1934 [Ttd, Tks]; Darlin1988 [Sae].

KEYS: Narendran 1985: 608-609 [India]; Hedqvist 1978: 237-239 [Australasian region]; Brues 1934: 205-206 (adult) [as *Akapala*, *Schizaspidia*, *Substilbula*; 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.

*Epimetegea aenea* Girault, 1915[241]: 227. Described: male. Synonymy by Hedqvist, 1978: 239.

*Neokapala furcatella* Girault, 1915[241]: 231. Described: female. Synonymy by Hedqvist, 1978: 239.

*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.

*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.

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 [Narendran1985a]).

***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: London: Natural History Museum, England.

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: London: Natural History Museum, England; type no. 5.624.

*Psymatocera 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.

*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 [Ender1912, 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, Malaku. Lectotype male (examined), by subsequent designation Boucek, 1988: 534. Type depository: London: Natural History Museum, England; type no. 5.626. Described: male.

*Schizaspidia cyanea*; Boucek, 1988: 534.

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.

*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.

*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.

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.

*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: London: Natural History Museum, England; type no. 5.381. Described: female.

*Schizaspidia frucifera*; Narendran, 1985: 609. Misspelling of species name.

CITATIONS: Heraty2002 [Tct]; Walker1846 [Tct: 22].

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: London: Natural History Museum, England; type no. 5.381. Described: male.

*Schizaspidia murrayi*; Dalla Torre, 1898: 364.

*Schizaspidia murrayi*; Girault, 1915[241]: 235.

*Schizaspidia murrayi*; Hedqvist, 1978: 237. Illust.  
*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: London: Natural History Museum, England. 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.  
*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.  
 CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk: 73]; NarendSh1996 [Ila: 67].  
 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.  
 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.  
*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.

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 **Sphécidae**: *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.

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: 187]; Ashmea1899157 [Tkg: 239, 241]; Ashmea1904238 [Tkg: 268, 269]; 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: London: Natural History Museum, England; type no. 5.379. Described: male.

DISTRIBUTION: **Oriental**: Malaysia (Sarawak [Camero1909b]).

### ***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.

*Stilbula albipetiole*; Dahms, 1983: 33-34.

*Stilbula albipetiole*; Boucek, 1988: 532.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk: 71-72]; NaumanCaTa1994 [catalogue].

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.

*Stilbula arenae*; Dahms, 1983: 51.

*Stilbula arenae*; Boucek, 1988: 532. Subsequent description.

ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Polyrachis* sp. [Boucek1988]

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk: 71].

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: 71, 73].

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: 72]; NarendSh1996 [Ila: 67].

DISTRIBUTION: **Oriental**: Burma (=Myanmar).

### ***Stilbula bangalorica* Girish Kumar & Narendran**

*Stilbula bangalorica* Girish Kumar & Narendran, 2008: 114-116. Type data: India: Karnataka, Bangalore. Holotype female, by original designation. Type depository: Calcutta: National Zoological Collection, Zoological Survey of India, India; type no. 9996/H3. Described: female, male and larva. Illust.

DISTRIBUTION: **Oriental**: India (Karnataka [GirishNa2008a]).

### ***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.

CITATIONS: Heraty2002 [Tct].

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

#### ***Stilbula bekilensis minor* (Risbec) new combination**

*Schizaspidia bekiliensis 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.

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.

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.

*Epimetegea brunneipetiole*; Dahms, 1983: 154.

*Stilbula brunneipetiole*; Boucek, 1988: 532. Change of combination.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk: 72].

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: 74]; NarendSh1996 [Ila: 67].

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: 54]; Boucek1977 [Rre: 60]; Burgis1988 [Lhi, lad]; Ceball1942 [lad: 571]; Domeni1953 [morphology, wit: 50-52.]; Fahrin1922 [host record]; Fiala1930 [Rre; Moravia distribution]; Heraty2002 [Tct]; Parker1932 [Dil, host record]; Parker1937 [Lhi]; ParkerTh1925 [Dil].

DISTRIBUTION: **Palearctic**: Austria [new]; Czechoslovakia [new]; France [Parker1932]; Hungary [new]; Italy [new]; Romania; Sicily [new]; Turkey [Rusch1924, 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 Lingiperdis obscuripes* Mayr [Clause1923, Clause1941].

CITATIONS: Clause1923 [host record, Dim, Lhi]; Heraty2002 [Tct]; Johnso1988 [Lhi].

DISTRIBUTION: **Palearctic**: 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: 74].

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: London: Natural History Museum, England; type no. 5.377. Described: female.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk: 74].

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, Trichur. Holotype male, by original designation. Type depository: Calcutta: Department of Zoology, Calcutta University, West Bengal, India. Described: male. Illust.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk: 74].

DISTRIBUTION: **Oriental**: India (Kerala [NarendSh1996]).

### **Stilbula leucopoda (Cameron)**

*Etolada leucopoda* Cameron, 1909c: 231. Type data: East Malaysia: Sarawak, Kuching. Syntypes, male. Type depository: London: Natural History Museum, England. Described: male.

*Stilbula leucopoda*; Hedqvist, 1978: 244. Change of combination.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk: 72].

DISTRIBUTION: **Oriental**: Malaysia (Sarawak [Cameron1909c]).

### **Stilbula lissoma Masi**

*Stilbula lissoma* Masi, 1917: 141. Type data: Seychelles Islands. Syntypes, female (examined). Type depository: London: Natural History Museum, England; type no. 5.378.

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: London: Natural History Museum, England.

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: 71]; NarendSh1996 [Ila: 67].

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: 71]; NaumanCaTa1994 [catalogue: 71].

DISTRIBUTION: **Australasian**: Australia.

**Stilbula oxiana Gussakovskii**

*Stilbula oxiana* Gussakovskii, 1940: 169. Type data: Uzbekistan. Unknown type status.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Palaearctic**: 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.

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.

*Stilbula peduncularis*; Boucek, 1988: 532.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk: 70, 74]; NarendSh1996 [illustration-adult: 67]; NarendSh1996 [illustration-adult: 67].

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.



CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk: 73].

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: 131]; Heraty2002 [Tct]; NarendSh1996 [Txk: 71]; NarendSh1996 [Ila: 67].

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: 73].

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

### **Stilbula tadhika Nikolskaya**

*Stilbula tadhika* 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: GirishNa2007a [description-Adult, range, illustration-adult]; Heraty2002 [Tct]; NarendSh1996 [Txk: 73]; NarendSh1996 [Ila: 67].

DISTRIBUTION: **Oriental**: India (Kerala [GirishNa2007a], Tamil Nadu [GirishNa2007a], Tamil Nadu [Heraty2002]).

### **Stilbula tonyi Narendran & Girish Kumar**

*Stilbula tonyi* Narendran & Girish Kumar, 2004: 1677-1679. Type data: Yemen, Al Lahima. Holotype male, by original designation. Type depository: Calcutta: Department of Zoology, Calcutta University, West Bengal, India; type no. GK 360. Described: male. Illust.

DISTRIBUTION: **Afrotropical**: Yemen [NarendGi2004].

### **Stilbula trimaculata (Cameron)**

*Schizaspidia trimaculata* Cameron, 1909b: 205-206. Type data: Malaysia: Sarawak, Kuching. Syntypes, male. Type depository: London: Natural History Museum, England; type no. 5.380. Described: female.

*Eltolada trimaculata*; Cameron, 1909c: 230-231. Described: male. Change of combination.

*Stilbula trimaculata*; Hedqvist, 1978: 244. Change of combination.

CITATIONS: Heraty2002 [Tct]; NarendSh1996 [Txk: 72, 74].

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.

*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].

#### **Stilbula yemenica Narendran & Girish Kumar**

*Stilbula yemenica* Narendran & Girish Kumar, 2004: 1678-1679. Type data: Yemen, Al Lahima. Holotype male, by original designation. Type depository: Calcutta: Department of Zoology, Calcutta University, West Bengal, India; type no. GK 361. Described: male. Illust.

DISTRIBUTION: **Afrotropical**: Yemen [NarendGi2004].

#### **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.

*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.

*Schizaspidia doddi*; Girault, 1915[241: 235. Described: male. Subsequent description.

*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.

*Stilbula quadrigitata*; 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.

*Stilbula australiana*; Dahms, 1983: 90.

*Substilbula australiana*; Boucek, 1988: 531. Change of combination.

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.

*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.

*Stilbula pallidiclava*; Dahms, 1986: 377.

*Substilbula pallidiclava*; Boucek, 1988: 531. Illust. Change of combination.

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.

*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.

*Lasionychnus* Shipp, 1894: 184. Type species: *Lasionychnus 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: 187]; Ashmea1899157 [Tkg; as *Uromelia*: 240, 242]; Ashmea1904238 [Tkg: 268, 270].

#### ***Thoracantha anchura* Walker new combination**

*Thoracantha anchurus* Walker, 1846: 88. Type data: Brazil: Santarem. Syntypes, male (examined). Type depository: London: Natural History Museum, England; type no. 5.629. Described: male.

*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, Tafi 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 [Gemign1933]).

#### ***Thoracantha striata* Perty**

*Thoracantha striata* Perty, 1833: 134, pl. 28. Type data: Brasil. Unknown type status female. Described: female. Illust.

*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.

*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.

*Thoracantha aculeata* Westwood, 1874: 154. Type data: Brazil. Syntypes. Described: male. Illust.

Synonymy by Ashmead, 1904[238]: 470.

*Uromelia striata*; Kirby, 1886: 37. Change of combination.

*Lasionychnus flabellatus*; Shipp, 1894: 188. Change of combination.

*Uromelia striata*; Gemignani, 1933: 482-483.

CITATIONS: Ashmea1904238 [Tct: 470]; Heraty2002 [Tct]; Walker1846 [Tct: 22].

DISTRIBUTION: **Neotropical**: Brazil [Perty1833].

#### ***Thoracanthoides* Girault**

*Thoracanthoides* Girault, 1928[422]: 4[224]. Type species: *Thoracanthoides albispina* Girault, by monotypy and original designation.

*Thoracanthoides*; Heraty, 2002: 269-271. Subsequent description.

#### ***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.

*Propsilogaster* Girault, 1940[459]: 324. Type species: *Propsilogaster biclavata* Girault, by original designation.

*Tricoryna*; Heraty, 2002: 271-274. Subsequent description.

CITATIONS: Ashmead188845 [Tke, Tre: 187]; Ashmead1899157 [Tkg;and as Metagea: 239, 241]; Ashmead1904238 [Tkg: 267, 269].

**Tricoryna alcicornis (Boucek)**

*Propsilogaster alcicornis* Boucek, 1988: 524-525. Type data: Australia: New South Wales, Jerilderie. Holotype male, by original designation. Type depository: BCRI. Described: male. Illust.

*Tricoryna alcicornis* 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)**

*Propsilogaster 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.

*Epimetagea biclavata*; Hedqvist, 1978: 243. Change of combination.

*Propsilogaster biclavata*; Dahms, 1983: 127.

*Propsilogaster biclavata*; Boucek, 1988: 525. Change of combination.

CITATIONS: Heraty2002 [Tct].

DISTRIBUTION: **Australasian**: Australia (Queensland [Girault1940459]).

**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 ectatommae*; Girault, 1940[459]: 324. Misspelling of species name.

*Tricoryna ectatommae*; Dahms, 1983: 238.

*Tricoryna ectatommae*; Boucek, 1988: 524.

ASSOCIATIONS: Host - FORMICIDAE **Formicinae**: *Rhytidoponera* sp. [Girault1915241]

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: London: Natural History Museum, England; type no. 5.607. Described: male.

*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.

*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.

*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.

*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.

*Metagea punctulativentris* Girault, 1929[431]: 335-336. Type data: Australia: South Australia. Homonym; discovered by Boucek, 1988: 524.

*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.

*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.

*Tricoryna subsalebrosa*; Dahms, 1986: 570.

*Tricoryna subsalebrosa*; Boucek, 1988: 524.

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: London: Natural History Museum, England; type no. 5.608. Described: female.

*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: 21].

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 apharis* Heraty, 2002: 281. Type data: South Africa: Eastern Cape Prov., Port St. John. Holotype female (examined), by original designation. Type depository: London: Natural History Museum, England. 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: London: Natural History Museum, England. 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: London: Natural History Museum, England. 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: London: Natural History Museum, England. 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: London: Natural History Museum, England. 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: Erytraea [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: London: Natural History Museum, England.

*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.

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.

CITATIONS: Darlin1992 [Tsp, Dim, lil, lip, 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 indicus Girish Kumar et al.**

*Philomides indicus* Girish Kumar et al., 2008: 124-127. Type data: India: Kerala, Kozhikode Dt. Holotype female, by original designation. Type depository: Calcutta: National Zoological Collection, Zoological Survey of India, India. Described: female. Illust.

DISTRIBUTION: **Oriental**: India (Kerala [GirishNaRa2008]).

#### **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.

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.

*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.

CITATIONS: GirishNaRa2008 [Da., illustration-adult: 124].

DISTRIBUTION: **Oriental**: India (Karnataka [GirishNaRa2008]). **Palaeartic**: Albania?; Israel [Masi1949].

### **Transfer to Eurytomidae**

#### **Tragicola haumani Brethes**

*Tragicola haumani*; Gemignani, 1933: 482-483.

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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; type no. T.8661. Described: female.  
CITATIONS: Heraty2002 [Tct].

#### Genera Removed from Family

##### **Haltichella**

*Chirocera* Latrielle, 1829: 295.

##### **Psilogasteroides**

*Psilogasteroides* Brèthes, 1910: 209-210.

**Rileyia**

*Tragicola* Brèthes, 1918: 82. Removed from family by De Santis, 1968: ????.

**Species Removed from Family**

**Formicidae**

*Eucharis democles* Walker, 1839: 15-16.

**Galearia cyanea**

*Scutellista cyanea* Motschulsky, 1859: 172-173. Described: female.

**Psilogasteroides formicarius**

*Psilogasteroides formicarius* Brèthes, 1910: 210. Described: female.