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**HYMENOPTERA OF
AMERICA NORTH OF MEXICO
SYNOPTIC CATALOG**

Prepared cooperatively by
specialists on the various groups of Hymenoptera
under the direction of
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- Biology: Essig, 1913. Calif. State Comn. Hort. Monthly Bul. 2: 22, 274.—
1905. Calif. State Comnr. Hort. Bien. Rpt. 1: 102 (*mirabilis*).
Taxonomy: Essig, 1926. Insects of West. No. Amer.: 843.
- semiflavidus** Gahan. N. Mex., Ariz. Hosts: *Hemileuca nevadensis* Stretch
oliviae Ckll.
Anastatus semiflavidus Gahan, 1914. U. S. Natl. Mus. Proc. 48: 160.
Biology: Caffrey, 1921. Jour. Agr. Res. 21: 373-384.—Wildermuth, 1933.
Econ. Ent. 26: 796-798.—Frankenfeld and Barnes, 1933. Jour. E.
Ent. 26: 799-805.
- zeli** (Ashmead), n. comb. Fla. Hosts: *Anasa tristis* (Deg.); *Zelus longipes* (L.).
Eupelmus zeli Ashmead, 1886. Amer. Ent. Soc. Trans. 13: 130. ♀.

Genus ENCYRTASPIS Ashmead

- Encyrtaspis* Ashmead, 1904. Carnegie Mus. Mem. 1: 290, 492.
Type: *Encyrtaspis brasiliensis* Ashmead. Monob.
Revision: Gahan, 1943. U. S. Natl. Mus. Proc. 94: 363-369.
- californica** (Ashmead). N. Mex., Calif. Hosts: *Anarsia lineatella* Zell.; *Evetria*
on *Pinus ponderosa*.
Tineobius californicus Ashmead, 1896. Ent. Soc. Wash. Proc. 4: 15. ♀.
- laticeps** (Brues). Tex.
Anastatus laticeps Brues, 1907. Wis. Nat. Hist. Soc. Bul. 5: 107. ♀.
- semirufa** Gahan. N. Y. to Ga., La., Tex. Hosts: *Laetilia coccidivora* (Com)
Grapholitha molesta (Busck); *Macrocentrus ancyliworus* Roh.
Encyrtaspis semirufus Gahan, 1927. U. S. Natl. Mus. Proc. 71 (4): 10. ♀.
Biology: Haeussler, 1930. Jour. Agr. Res. 41: 366.

Genus LECANIIBIUS Ashmead

- Lecaniobius* Ashmead, 1896. Ent. Soc. Wash. Proc. 4: 8, 17.
Type: *Lecaniobius cockerelli* Ashmead. Monob.
Zalophothrix Crawford, 1908. Ent. Soc. Wash. Proc. 9: 156.
Type: (*Zalophothrix mirum* Crawford) = *Lecaniobius cockerelli* Ashmead. Monob.
Revision: Compere, 1939. Calif. Univ. Pubs., Ent. 7: 79-83.
- cockerellii** Ashmead. Fla. Hosts: *Saissetia nigra* (Nietn.); *Scutellista cyanea* Mo
Lecaniobius cockerellii Ashmead, 1896. Ent. Soc. Wash. Proc. 4: 17. ♀.
Zalophothrix mirum Crawford, 1908. Ent. Soc. Wash. Proc. 9: 157. ♀.
Taxonomy: Smith and Compere, 1928. Calif. Univ. Pubs., Ent. 4: 242, 297-301.
- utilis** Compere. Calif. Host: *Saissetia oleae* (Bern.).
Lecaniobius utilis Compere, 1939. Calif. Univ. Pubs., Ent. 7: 79. ♂ ♀.
Biology: Flanders, 1942. Jour. Econ. Ent. 35: 687.—Flanders, 1944. Jour. E.
Ent. 37: 409.

Genus ZAISCHNOPSIIS Ashmead

- Ischnopsis* Ashmead, 1896. Ent. Soc. Wash. Proc. 4: 16. Preocc.
Type: *Ischnopsis ophthalmica* Ashmead. Monob.
Zaischnopsis Ashmead, 1904. Ent. Soc. Wash. Proc. 6: 126. N. name.
- schwarzii** (Ashmead), n. comb. Fla.
Charitopsis schwarzii Ashmead, 1896. Ent. Soc. Wash. Proc. 4: 11. ♀.

Family EUCHARITIDAE

- Revisions: Ruschka, 1924. Deut. Ent. Ztschr., pp. 82-89.—Gahan, 1940. U.
Natl. Mus. Proc. 88: 425-458.
Biology: Wheeler and Wheeler, 1937. Ent. Soc. Amer. Ann. 30: 163-175.—Clau
1940. Wash. Acad. Sci. Jour. 30: 504-516.

Genus PSEUDOCHALCURA Ashmead

- Pseudochalcura* Ashmead, 1904. Carnegie Mus. Mem. 1: 268, 269, 468.
Type: *Eucharis gibbosa* Provancher. Orig. desig.

ensis (Crawford), n. comb. Ariz.
calcura arizonensis Crawford, 1914. Ent. Soc. Wash. Proc. 16: 29. ♀.
 Type: Pierce and Morrill, 1914. Ent. Soc. Wash. Proc. 16: 22.—Clausen, 1940.
 Wash. Acad. Sci. Jour. 30: 505-509.

arica (Ashmead), n. comb. Calif.
calcura californica Ashmead, 1892. Ent. Soc. Wash. Proc. 2: 356. ♂.
ana (Provancher). Que., Mich. Host: *Camponotus herculeanus ligniperdus* var.
noveboracensis (Fitch).
acharis gibbosa Provancher, 1881. Nat. Canad. 12: 292. ♀.
 Type: Wheeler, 1907. Amer. Mus. Nat. Hist. Bul. 23: 16.

Genus STILBULA Spinola

stilbula Spinola, 1811. Paris Mus. Hist. Nat. Ann. 17: 150.
 Type: *Ichneumon cyniformis* Rossi. Monob.
ana (Ashmead). Fla.
lophyrocera floridana Ashmead, 1888. Ent. Amer. 3: 187. ♂.
 Type: Gahan, 1940. U. S. Natl. Mus. Proc. 88: 435-436.
ana Ashmead. Colo.
stilbula montana Ashmead, 1890. Colo. Biol. Assoc. Bul. 1: 24, 45. ♀.
entrionalis (Brues). Ariz.
schizaspidia septentrionalis Brues, 1907. Wis. Nat. Hist. Soc. Bul. 5: 104.
 ♀.

Genus LOPHYROCERA Cameron

lophyrocera Cameron, 1884. Biol. Cent.-Amer., Hym. 1, pp. 101, 103.
 Type: *Lophyrocera stramineipes* Cameron. Desig. by Ashmead,
 1904.
alis Ashmead. Calif.
lophyrocera apicalis Ashmead, 1892. Ent. Soc. Wash. Proc. 2: 357. ♀.
maculata Cameron. Ariz.
lophyrocera nigromaculata Cameron, 1884. Biol. Cent.-Amer., Hym. 1, p.
 104.

Genus KAPALA Cameron

kapala Cameron, 1884. Biol. Cent.-Amer., Hym. 1, p. 102.
 Type: *Eucharis furcata* Fabricius. Monob.
capala Schulz, 1906. Spolia Hym., p. 150. Emend.
ana (Ashmead). Fla. Host: *Pogonomyrmex badius* (Latr.).
thoracantha floridana Ashmead, 1885. Ent. Amer. 1: 96. ♂.
 Type: Ashmead, 1885. Amer. Ent. Soc. Trans. 12: Proc. p. xi. ♂ ♀.
ata (Fabricius). Ga., Tex.
eucharis furcata Fabricius, 1804. Systema Piezatorum, p. 158.

Genus PSEUDOMETAGEA Ashmead

pseudometagea Ashmead, 1899. Ent. Soc. Wash. Proc. 4: 239, 241 (no species).
 Type: *Metagea schwarzii* Ashmead. Included by Ashmead, 1904.
media Girault. Md.
pseudometagea hillmedia Girault, 1916. Brooklyn Ent. Soc. Bul. 11: 113.
 ♀.
schwarzii (Ashmead). N. J., Pa., Md., D. C., Ill., Colo.
metagea schwarzii Ashmead, 1892. Ent. Soc. Wash. Proc. 2: 356. ♂ ♀.

Genus ORASEMA Cameron

orasema Cameron, 1884. Biol. Cent.-Amer., Hym. 1, p. 104.
 Type: *Orasema stramineipes* Cameron. Monob.
 Type: Gahan, 1940. U. S. Natl. Mus. Proc. 88: 436-458.

aureoviridis Gahan. Tex.

Orasema aureoviridis Gahan, 1940. U. S. Natl. Mus. Proc. 88: 448. ♂

bakeri Gahan. Colo., Ariz.

Orasema bakeri Gahan, 1940. U. S. Natl. Mus. Proc. 88: 452. ♂ ♀.

beameri Gahan. Colo.

Orasema beameri Gahan, 1940. U. S. Natl. Mus. Proc. 88: 447. ♂ ♀.

cockerelli Gahan. Iowa, Kans., Colo., N. Mex., Ariz.

Orasema cockerelli Gahan, 1940. U. S. Natl. Mus. Proc. 88: 453. ♂ ♀.

coloradensis Wheeler. Va., Fla., La., Tex., Iowa, Kans., Colo., N. Mex. Ho
Pheidole vinelandica Forel; *Solenopsis molesta* var. *validiuscula* Emery.

Orasema coloradensis Wheeler, 1907. Amer. Mus. Nat. Hist. Bul. 23: 12-13.
♂ ♀.

Biology: Clausen, 1940. Jour. Wash. Acad. Sci. 30: 504-507.

minuta Ashmead. Fla.

Orasema minuta Ashmead, 1888. Ent. Amer. 3: 188. ♂.

neomexicana Gahan. N. Mex.

Orasema neomexicana Gahan, 1940. U. S. Natl. Mus. Proc. 88: 450. ♀.

occidentalis Ashmead. Calif.

Orasema occidentalis Ashmead, 1892. Ent. Soc. Wash. Proc. 2: 355. ♀.

robertsoni Gahan. Fla.

Orasema robertsoni Gahan, 1940. U. S. Natl. Mus. Proc. 88: 451. ♀.

simulatrix Gahan. Ariz.

Orasema simulatrix Gahan, 1940. U. S. Natl. Mus. Proc. 88: 450. ♀.

smithi Howard. Va.

Orasema Smithi Howard, 1897. Linn. Soc. London, Jour., Zool. 26: 134. ♀.

texana Gahan. Tex.

Orasema texana Gahan, 1940. U. S. Natl. Mus. Proc. 88: 440. ♀.

violacea Ashmead. N. C., Fla.

Orasema violacea Ashmead, 1888. Ent. Amer. 3: 187. ♂.

viridis Ashmead. N. C., Ariz.

Orasema viridis Ashmead, 1895. Calif. Acad. Sci. Proc. (2) 5: 553.

Biology: Smith, 1912. U. S. Dept. Agr. Bur. Ent. Tech. Ser. 19: 57-59.

wheeleri Wheeler. Tex., Colo. Hosts: *Pheidole ceres* Whlr.; *P. kingi instabilis* Emery; *P. sciothila* Whlr.

Orasema wheeleri Wheeler, 1907. Amer. Mus. Nat. Hist. Bul. 23: 14. ♀.

Family PERILAMPIDAE

Revision: Ruschka, 1924. Deut. Ent. Ztschr., pp. 90-96.

Genus EUPERILAMPUS Walker

Euperilampus Walker, 1871. Notes on Chalcid., pt. 4, p. 67.

Type: *Perilampus gloriosus* Walker. Monob.

Revision: Crawford, 1914. Ent. Soc. Wash. Proc. 16: 67.

lepreos (Walker). Ga.

Perilampus Lepreos Walker, 1846. List Hym. Brit. Mus., v. 1, pp. 22, 89.

opacus Ashmead. Colo., Ariz.

Euperilampus opacus Ashmead, 1894. Amer. Ent. Soc. Trans. 21: 318. ♀.

Taxonomy: Crawford, 1914. Ent. Soc. Wash. Proc. 16: 69.

triangularis (Say). Que., Maine, N. J., Md., N. C., Ind., Fla., Kans., Colo.

Perilampus triangularis Say, 1828. Contrib. Maclur. Lyc. Phila. 1: 78-79.