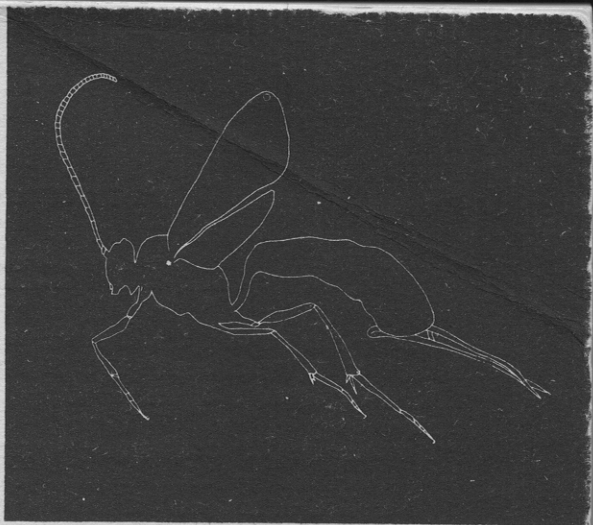


# PACIFIC INSECTS



## MONOGRAPH 8

**A Catalogue of Philippine Hymenoptera  
(With a Bibliography, 1758–1963)**

**By Clare R. Baltazar**

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**Timulla (Trogaspidia) ovatula ovatula** Mickel. Sibuyan.

*Timulla (Trogaspidia) ovatula ovatula* Mck., 1934, Philip. J. Sci. **54**: 163, type: ♀, Sibuyan (USNM); Sibuyan (key); 1935, Trans. R. Ent. Soc. Lond. **83**: 247, 302 ♀ (dist., key, listed).

**Timulla (Trogaspidia) philippinensis itambusa** (Cockerell). Luzon: Quezon.

*Trogaspidia itambusa* Cock., 1927, Philip. J. Sci. **33**: 275, type: ♂, Lucban, Quezon (USNM), (key).

Mickel, 1933, Ann. Ent. Soc. Amer. **26**: 395 (morph., n. comb.); 1934, Philip. J. Sci. **54**: 150, ♂ (key, morph.); 1935, Trans. R. Ent. Soc. Lond. **83**: 229, 302 (dist., key, listed). *Timulla (Trogaspidia)*.

**Timulla (Trogaspidia) philippinensis philippinensis** (Smith). Luzon: Bataan, Cagayan, Isabela, Laguna, Manila, Nueva Ecija, Nueva Vizcaya, Rizal, Zambales; Polillo; Cebu, Negros, Panay; Antique; Mindanao: Zamboanga; Palawan. (Amboina, Ceylon, India, Timor).

*Mutilla philippinensis* Sm., 1855, Cat. Hym. Brit. Mus. **3**: 40, type: ♀, Philippine Is.—Sichel & Radoszkowski, 1869, Hor. Soc. Ent. Ross. **6**: 226, ♀ (desc., key, dist.—Luzon).—Smith, (1870) 1871.—Dalla Torre, 1897.—Andre, 1903.—Ashmead, 1904c, 1904e.—Brown, 1906 (listed).

Mickel, 1933, Ann. Ent. Soc. Amer. **26**: 395, ♂, ♀ (desc., n. comb., syn.); 1934, Philip. J. Sci. **54**: 147, ♂, ♀ (key, syn., dist.—Bataan, Cagayan, Isabela, Laguna, Manila, Nueva Ecija, Nueva Vizcaya, Rizal & Zambales, Luzon; Polillo; Cebu; Negros; Antique, Panay; Zamboanga, Mindanao; Palawan); 1935, Trans. R. Ent. Soc. Lond. **83**: 228, 302, ♂, ♀ (dist., key, listed, syn.).—*Timulla (Trogaspidia) p. philippinensis*.

Hammer, 1960, Rec. Indian Mus. **58** (1): 11, ♀ (syn., dist.—Sarawak, Borneo; Philippines). *Trogaspidia*.

*Mutilla accedens* Sichel & Radoszkowski, 1869, Hor. Soc. Ent. Ross. **6**: 227, type: ♀, Manila, Luzon (WIEN).—Andre, 1896, Ann. Mus. Civ. Stor. Nat. Genova, ser. 2, **17**: 69, 98, ♀ (key, dist.—Manila, Luzon; Amboina).—Dalla Torre, 1897.—Andre, 1899, 1903.—Ashmead, 1904e.—Brown, 1906 (listed).—Hammer, 1960, Rec. Indian Mus. **58** (1): 11 (type located, syn.).

*Mutilla dimidiata* Lepeletier: Sichel & Radoszkowski, 1869, Hor. Soc. Ent. Ross. **6**: 285, ♂ (in part, Luzon specimen).—Dalla Torre, 1897, Cat. Hym. **8**: 31, ♂, ♀ (dist.—Ceylon, India, Luzon, Timor).—Bingham, 1897, Fauna Brit. India, Hym. **1**: 13, ♂, ♀ (desc., key, dist.).—Andre, 1903.—Brown, 1906 (listed).

Cockerell, 1927, Philip. J. Sci. **33**: 277, ♂ (key). *Trogaspidia*.

*Mutilla suspiciosa* (nec Smith), Bingham, 1895, Ann. Mag. Nat. Hist. ser. 6, **16**: 440, ♂, ♀ (in part).

*Trogaspidia bicolor* Ashmead, 1905b, Proc. U.S. Natl. Mus. **28**: 962, type: ♂, Manila, Luzon (USNM).—Brown, 1906 (listed).—Cockerell, 1927, Philip. J. Sci. **33**: 277, ♂ (key).

*Mutilla amartana* Zavattari, 1913, Arch. Naturg. **79A** (3): 29, types: ♂, Flores, Palawan, Sumba, Vali; 1913, Boll. Soc. Ent. Ital. **45**: 99, ♂ (dist., key, syn.).

*Mutilla ianthea* Zav., 1913, Boll. Soc. Ent. Ital. **45**: 73, 75, (in part, Manila specimen; key).

**Timulla (Trogaspidia) philippinensis williamsi** Mickel. Luzon: Laguna.

- Timulla (Trogaspidia) philippinensis williamsi* Mck., 1934, Philip. J. Sci. **54**: 149, type: ♀, Los Baños, Laguna, Luzon (St. PAUL); Laguna (key); 1935, Trans. R. Ent. Soc. Lond. **83**: 229, 302, ♀ (dist., key, listed).
- Timulla (Trogaspidia) proserpina proserpina* (Smith). Panay; Siargao; Mindanao: Bukidnon, Lanao, Surigao, Zamboanga; Basilan. (Borneo).
- Mutilla proserpina* Sm., 1858, J. Proc. Linn. Soc. Lond., Zool. **2**: 85, type: ♀, Borneo (OXFORD).
- Mickel, 1934, Philip. J. Sci. **54**: 175, ♀ (key, morph., n. comb., dist.—Borneo, Philippines: Panay; Siargao; Mindanao: Bukidnon, Lanao, Surigao, Zamboanga; Basilan); 1935, Trans. R. Ent. Soc. Lond. **83**: 269, 302, ♀ (dist., key, listed); 1937, Ann. Mag. Nat. Hist. ser. 10, **19**: 449 (cited, syn.). *Timulla (Trogaspidia) p. proserpina*.
- Timulla (Trogaspidia) proserpina sibuyanensis* Mickel. Sibuyan.
- Timulla (Trogaspidia) proserpina sibuyanensis* Mck., 1934, Philip. J. Sci. **54**: 177, type: ♀, Sibuyan (USNM); Sibuyan (key); 1935, Trans. R. Ent. Soc. Lond. **83**: 269, 302, ♀ (dist., key, listed); 1937, Ann. Mag. Nat. Hist. ser. 10, **19**: 449 (cited).
- Timulla (Trogaspidia) proserpina tibiata* Mickel. Luzon: Laguna, Quezon; Samar, Sibuyan; Mindanao: Agusan, Bukidnon, Davao, Lanao; Basilan; Palawan.
- Timulla (Trogaspidia) proserpina tibiata* Mck., 1934, Philip. J. Sci. **54**: 176, type: ♀, Mt Maquiling, Laguna, Luzon (USNM); Laguna & Quezon, Luzon; Samar; Lanao, Mindanao (key); 1935, Trans. R. Ent. Soc. Lond. **83**: 269, 302, ♀ (dist., key, listed); 1937, Ann. Mag. Nat. Hist. ser. 10, **19**: 449 (syn.).
- Timulla (Trogaspidia) fortuita* Mck., 1934, Philip. J. Sci. **54**: 181, type: ♂, Tangkulan, Bukidnon, Mindanao (USNM); Negros Oriental; Sibuyan; Agusan, Bukidnon, Davao, Lanao & Zamboanga, Mindanao; Basilan; Palawan (key); 1935, Trans. R. Ent. Soc. Lond. **83**: 263, 302, ♂ (dist., key, listed).
- Timulla (Trogaspidia) sticticornis nigridia* Mickel. Mindanao: Lanao, Zamboanga.
- Timulla (Trogaspidia) sticticornis nigridia* Mck., 1934, Philip. J. Sci. **54**: 188, type: ♂, Iligan, Lanao, Mindanao (USNM); Lanao & Zamboanga, Mindanao (key); 1935, Trans. R. Ent. Soc. Lond. **83**: 262, 302, ♂ (dist., key, listed).
- Timulla (Trogaspidia) sticticornis sticticornis* Mickel. Samar; Mindanao: Lanao, Surigao, Zamboanga.
- Timulla (Trogaspidia) sticticornis sticticornis* Mck., 1934, Philip. J. Sci. **54**: 186, type: ♂, Kolambungan, Lanao, Mindanao (USNM); Samar; Lanao, Surigao & Zamboanga, Mindanao (key); 1935, Trans. R. Ent. Soc. Lond. **83**: 262, 302, ♂ (dist., key, listed).
- ! *Timulla (Trogaspidia) suspiciosa suspiciosa* (Smith). Erroneous record for the Philippines. (Borneo).
- Mutilla suspiciosa* Sm., 1858, J. Proc. Linn. Soc. Lond., Zool. **2**: 84, type: ♂, Borneo.—Ashmead, 1904c, J. N.Y. Ent. Soc. **12**: 9 (listed, Luzon).—Brown, 1906, Philip. J. Sci. **1**: 689 (listed, Philippines).
- Mickel, 1935, Trans. R. Ent. Soc. Lond. **83**: 243, ♂ (dist.—Borneo. "The records of this subspecies from India, Java, Philippine Islands and other islands in the South Seas

by Smith, Bingham, Andre and Zavattari are all based on misidentifications...Curiously enough, no subspecies is known from the Philippine Islands."). *Timulla (Trogaspidia) s. suspiciosa*.

**Timulla (Trogaspidia) tegularia** Mickel. Luzon: Isabela, Laguna, Manila, Pampanga, Quezon; Negros, Panay: Antique, Samar, Sibuyan; Mindanao: Agusan, Davao, Zamboanga.

*Timulla (Trogaspidia) tegularia* Mck., 1934, Philip. J. Sci. **54**: 169, type: ♂, Los Baños, Laguna, Luzon (USNM); Isabela, Laguna, Manila, Pampanga & Quezon, Luzon; Negros; Antique, Panay; Samar; Sibuyan; Mindanao: Agusan, Davao, Zamboanga (key); 1935, Trans. R. Ent. Soc. Lond. **83**: 248, 302, ♂ (dist., key, listed).

**Timulla (Trogaspidia) temeraria** Mickel. Luzon: Ilocos Norte, Laguna.

*Timulla (Trogaspidia) temeraria* Mck., 1934, Philip. J. Sci. **54**: 179, type: ♂, Mt Maquiling, Laguna, Luzon (USNM); Ilocos Norte & Laguna, Luzon (key); 1935, Trans. R. Ent. Soc. Lond. **83**: 263: 302, ♂ (dist., key, listed).

**Timulla (Trogaspidia) tethys** Mickel. Palawan.

*Timulla (Trogaspidia) tethys* Mck., 1934, Philip. J. Sci. **54**: 172, type: ♂, Puerto Princesa, Palawan (USNM); Palawan (key); 1935, Trans. R. Ent. Soc. Lond. **83**: 249, 302, ♂ (dist., key, listed).

! **Timulla (Trogaspidia) vicina vicina** (Sichel & Radoszkowski). Erroneous record for the Philippines. (Amboina).

*Mutilla vicina* Sich. & Rdszk., 1869, Hor. Soc. Ent. Ross., p. 228, type: ♀, Amboina (BERLIN).—Dalla Torre, 1897, Cat. Hym. **8**: 96, ♀ (dist.—Amboina, Luzon).—Andre, 1903, *In* Wytzman: Gen Insectorum f. **11**: 41, ♀ (dist., listed).

Mickel, 1935, Trans. R. Ent. Soc. Lond. **83**: 251, ♀ (desc., key, dist.—Amboina, "known only from type locality"). *Timulla (Trogaspidia) v. vicina*.

! **Timulla (Trogaspidia) wallacei wallacei** (Cockerell). Doubtful record for the Philippines. (Aru, New Guinea).

*Mutilla wallacei* Cock., 1907, Entomologist **40**: 50, type: ♂, Aru.—Mickel, 1935, Trans. R. Ent. Soc. Lond. **83**: 231, ♂, ♀, (key, listed, syn., dist.—Aru, New Guinea).

*Mutilla nigra* Smith, 1858, Proc. Linn. Soc. Lond. **3**: 151, ♂.—Bingham, 1858, Ann. Mag. Nat. Hist. ser. 6, **16**: 440, ♂ (dist.—Cape Engaño, Luzon).—Ashmead, 1904c, 1904e (listed).

## Family SCOLIIDAE

### Genus *Campsomeris* Guerin

#### Subgenus *Megacampsomeris* Betrem

*Megacampsomeris* Betrem, 1928, Treubia 9, Suppl.: 131.

Type: *Scolia grossa* Fabricius; orig. desig.

- Campsomeris (Megacampsomeris) asiatica** (Saussure). Negros Occidental. (Celebes, Java, Sumatra). Hosts: 1, *Lepidiota pruinosa*; 2, *Leucopholis irrorata*.
- Elis asiatica* Ssr., 1858, Ann. Soc. Ent. Fr. ser. 3, 6: 231, types: ♂, ♀, Java.
- Betrem, 1928, Treubia (Suppl.) 9: 140, ♂, ♀ (dist., key); 1940, Mus. Heude Notes Ent. Chin. 8: 60 (desc., dist.—N. Celebes, Himalaya, Java, Philippines, Sumatra); 1947, Tijds. Ent. 88: 415 (listed, dist.—N Celebes, Java, Philippines, Sumatra). *Campsomeris (Megacampsomeris)*.
- Lopez, 1931, Ann. Rept. Res. Bur. Philip. Sugar Assn., p. 245, 272. ♀ (desc., host 2, dist.—Negros Occidental); 1933, Puerto Rico, Internatl. Soc. Sugar Cane Tech. 4th Cong. Proc. Bull. 50: 1, 3, ♀ (desc., fig., hosts 1 & 2, dist.—Negros Occidental). *Campsomeris*.
- ! **Campsomeris (Megacampsomeris) grossa** (Fabricius). Erroneous record for the Philippines. (China, Japan).
- Tiphia grossa* Fabr., 1804, Systema Piezatorum, p. 232, types: 2 ♀♀, China (COPENHAGEN), lectotype, Bradley, 1964: ♀, labeled "China Mus. T. Lund *Tiphia grossa* Fabr. female" (COPENHAGEN).
- Ashmead, 1904c, J. N.Y. Ent. Soc. 12: 9 (listed, Philippines); Ashmead, 1904e (listed). *Elis*.
- Rohwer, 1921c, Philip. J. Sci. 19: 89, ♂, ♀ (morph., no Philippine collections before author). *C. (Campsomeris)*.
- Betrem, 1940, Mus. Heude Notes Ent. Chin. 8: 59 (desc., key, dist.—China, Japan).—Bradley & Betrem, 1964, Spol. Zool. Hauniensis 21: 14, 32, ♀ (desc., lectotype designated). *C. (Megacampsomeris)*.
- ! **Campsomeris (Megacampsomeris) lindanii** Lepeletier. Erroneous record for the Philippines. (Banka, Borneo, Burma, Formosa, India, Japan?, Java, Malacca, Sumatra).
- Campsomeris lindanii* Lep., 1845, Hist. Nat. Ins. Hym. 3: 500.
- Ashmead, 1904c, J. N.Y. Ent. Soc. 12: 9 (listed, Philippines); 1904e (listed). *Elis*.
- Rohwer, 1921c, Philip. J. Sci. 19: 89, ♂, ♀ (desc., no materials from Philippines). *C. (Campsomeris)*.
- Betrem, 1940, Mus. Heude Notes Ent. Chin. 8: 75, ♂, ♀ (desc., key, dist.—Banka, Borneo, Burma, Formosa, India, Japan?, Java, Malacca, Sumatra). *C. (Megacampsomeris)*.
- Campsomeris (Megacampsomeris) luzonensis** (Rohwer). Luzon: Bataan, Laguna, Mountain Province, Nueva Vizcaya; Mindanao: Surigao; Basilan.
- Scolia (Scolia) luzonensis* Rhw., 1921c, Philip. J. Sci. 19: 84, type: ♀, Baguio, Mountain Province, Luzon (USNM), (key).
- Betrem, 1928, Treubia (Suppl.) 9: 147, ♂, ♀ (desc., key, syn., dist.—Bataan; Mt Bana-hao & Mt Maquiling, Laguna; Mountain Province; Imugan, Nueva Vizcaya; Surigao, Mindanao; Basilan); 1940, 1947 (listed). *Campsomeris (Megacampsomeris)*.
- Scolia (Scolia) incerta* Rohwer, 1921c, Philip. J. Sci. 19: 85, type: ♂, Mt Maquiling, Laguna, Luzon (USNM); Lamao Bataan.
- Campsomeris (Megacampsomeris) prismatica** (Smith). Philippines. (Borneo, Celebes?, China, Formosa, India, Japan, Java, Lombok, Malacca, Sumatra).
- Scolia prismatica* Sm., 1855, Cat. Hym. Brit. Mus. 3: 102.
- Betrem, 1940, Mus. Heude Notes Ent. Chin. 8: 78, ♀ (desc., key, dist.—Borneo, Celebes,