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New Records of Six Braconids (Hymenoptera: Braconidae) from Taiwan[1]

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Abstract: Six species of the Braconidae (Hymenoptera), *Amyosoma leuzerae* Rohwer, *Apanteles folia* Nixon, *Bioxys japonica* Stary and Schlinger, *Dolichogenidea parasae* (Rohwer), *D. stantoni* (Ashmead) and *Wilkinsonellus iphitus* (Nixon) are recorded from Taiwan for the first time in this paper.

Key words: Aphidiinae, Braconinae, Microgastrinae, Braconidae, Taiwan.

APHIDIINAE

Bioxys japonica Stary and Schlinger

Bioxys japonica Stary and Schlinger, 1967. Rev. East Asian Aphidiidae:32. - Stary, 1975. Beitr. Ent. Berlin 25 (1):57.

Trioxys (*Trioxys*) *japonica* (Stary and Schlinger): Mackauer and Stary, 1967. World Aphidiidae: 99.

Trioxys machilaphidis Takada, 1968. Ins. Mats. 30:113.

Trioxys (*Trioxys*) *staryi* Mackauer, 1968. Aphidiidae, Hym. Cat. (nov.ed.) 3:73.

Material examined: TAICHUNG: Wushikeng, 32♀17♂, 4.III.1999, ex *Machilaphis machili* on *Persea zuihoensis* (Hayata) Li (L.Y. Chou).

Distribution: Japan[5,6,10-12] and Taiwan (new record).

Host: *Machilaphis machili* (Takahashi) (Drepanosiphidae).

BRACONINAE

Amyosoma leuzerae Rohwer

Amyosoma leuzerae Rohwer, 1918. Proc. U.S. natn. Mus. 54:567. - van Achterberg & Polaszek, 1996. Zool. Verh. 304:23.

Bracon chinensis var. *leuzerae* (Rohwer): Fahringer, 1934. Opusc. Bracon. 3:334. - Shenefelt, 1978. Braconidae, 10. Hym. Cat. (nov.ed.) 15:1562.

Material examined: TAICHUNG: Houli, 6♀, V-1983, ex *Zeuzera coffeae* on grape (C. P. Chang).

Distribution: Indonesia[1] and Taiwan (new record).

Host: *Zeuzera coffeae* Nietner (Cossidae).

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MICROGASTRINAE

Apanteles folia Nixon

Apanteles folia Nixon, 1965. Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 2: 99.

Apanteles sp. Chou, Yang and Ho. 1994. Plant Prot. Bull. 36: 329.

Material examined: TAIWAN, without date, ex *Arhopala paramuta horishana* Matsumura (C.S. Tseng).

Distribution: Australia, Mainland China, Malaysia, New Guinea, Philippines[3,9] and Taiwan (new record).

Host: *Arhopala paramuta horishana* Matsumura (Lycaenidae)[4].

Dolichogenidea parasae (Rohwer)

Apanteles parasae Rohwer, 1922. Treubia 3:54. - Nixon, 1967. Bull. Br. Mus. nat. Hist. (Ent.) 21(1):22. - Austin, 1987. Slug and nettle caterpillars : 141.

Material examined: TAICHUNG: Tungshih, 19♀16♂, 17-VII-1995, ex *Parasa tessellata* on pear (L. Y. Chou). TAIPEI, 14♀39♂, 7-II-1987 (L. Y. Chou).

Distribution: Indonesia, Sri Lanka, Malaysia, Philippines[2, 9] and Taiwan (new record).

Host: *Parasa tessellata* Moore (Limacodidae) .

Dolichogenidea stantoni (Ashmead)

Urogaster stantoni Ashmead, 1904. J.N.Y. ent. Soc. 12:20.

Apanteles stantoni (Ashmead): Wilkinson, 1928. Bull. Ent. Res. 19:131.

Apanteles fistulae Wilkinson, 1928. Bull. Ent. Res. 19:134.

Dolichogenidea stantoni (Ashmead): Austin and Dangerfield, 1992. Invertebr. Taxon. 6:29.

Material examined: HUALIEN: 2♀1♂, VI-1998, ex *Parotis marginata* (J. T. Chao).

Distribution: New Britain, Fiji, Philippines, India, Mainland China, Malaysia, Philippines[3,8,9] and Taiwan (new record).

Host: *Parotis marginata* (Hampson) (Pyralidae).

Wilkinsonellus iphitus (Nixon)

Apanteles iphitus Nixon, 1965. Bull. Br. Mus. nat. Hist. (Ent.), Suppl. 2:198.

Wilkinsonellus iphitus (Nixon): Mason, 1981. Mem. Entomol. Soc. Canada 115:122.

Material examined: PINGTUNG: Kenting, 1♀, 18-23-III-1981 (K.S. Lin & T. Lin); Shantimen, 1♂, 28. III-1.IV.1981 (C.C. Chen & C.C. Pang).

Distribution: Philippines[7,9] and Taiwan (new record).

Host: Unknown.

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臺灣產小繭蜂科(膜翅目)之六新記錄種[1]

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摘要：本文首次記錄臺灣產 6 種小繭蜂，*Amyosoma leuzerae* Rohwer, *Apanteles folia* Nixon, *Bioxys japonica* Stary and Schlinger, *Dolichogenidea parasae* (Rohwer), *D. stantoni* (Ashmead) 及 *Wilkinsonellus iphitus* (Nixon)。

關鍵詞：蚜小蜂亞科、小繭蜂亞科、小腹繭蜂亞科、小繭蜂科、臺灣。

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