

New Host Records of Ichneumonidae from Japan

Kanetosi KUSIGEMATI
(Entomological Laboratory)

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In the present studies I have had the opportunity to examine a lot of Ichneumonid specimens which have been reared from various hosts. In this paper are given new host records of 17 species of ichneumonflies, occurring in Japan. On this occasion I wish to express my sincere thanks to Drs. T. Kumata and H. Tanaka, and Messrs. K. Babaguchi, K. Hashimoto, H. Kamiwada, Y. Minami, T. Nakasuga, K. Ôhara, S. Umezawa and Y. Yoshiyasu for their kindness in offering the valuable material.

1. *Bathythrix narangae* (Uchida, 1930)

New host record: 1 ♂, 28-xi-1963, Uearata, Kagoshima-shi, Kyushu (K. Kusigemati), reared from *Casinaria anastomosis* Uchida (Ichneumonidae, Hym.).

2. *Campoletis chlorideae* (Uchida, 1957)

New host record: 1 ♂, 10-x-1962, 1 ♀, 20-ix-1970, Uearata, Kagoshima-shi, Kyushu (K. Kusigemati), 1 ♀, 5-ix-1974, 5 ♂♂, 3-ii-1975, Kamifukumoto, Kagoshima-shi, Kyushu (H. Kamiwada), all reared from *Prodenia litura* Fabricius (Noctuidae, Lep.).

3. *Coccygomimus niponicus* (Uchida, 1928)

New host records: 1 ♂, 21-iii-1974, Kamikoshiki-jima, Kagoshima-ken (Y. Minami), reared from *Celastrina argiolus ladonides* de l'Orza (Lycaenidae, Lep.); 1 ♂, 1-v-1974, Jûsantsukabaru, Kagoshima-ken (K. Kusigemati), reared from *Campoplex homonae* (Sonan) (Ichneumonidae, Hym.) on *Adoxophyes fasciata* Walsingham (Tortricidae, Lep.).

4. *Cymodusa orientalis* (Uchida, 1956)

New host records: 1 ♀, 20-v-1971, 1 ♂ & 2 ♀♀, xii-1972, Kashii, Fukuoka-ken, Kyushu (Y. Yoshiyasu), reared from *Nymphicula blandialis* (Walker) (Pyralidae, Lep.); 1 ♀, 25-v-1972, Yuwan, Amami-ôshima, Ryukyu Is. (Y. Yoshiyasu), reared from *N. junctalis* (Hampson) (Pyralidae, Lep.).

5. *Enicospilus tristrigatus* (Enderlein, 1921)

New host record: 1 ♀, 1-xi-1974, Kamifukumoto, Kagoshima-shi, Kyushu (H. Kamiwada), reared from *Plusia nigrisigna* Walker (Noctuidae, Lep.).

6. *Eriborus ryukyuensis* (Momoi, 1970)

New host record: 6 ♂♂ & 6 ♀♀, 28-ix-1972, Kamifukumoto, Kagoshima-shi, Kyushu (K. Babaguchi), reared from *Cnaphalocrocis medinalis* Guenée (Pyralidae, Lep.).

7. *Gelis asozanus* (Uchida, 1930)

New host record: 1♀, 15-i-1963, Uearata, Kagoshima-shi, Kyushu (K. Kusigemati), reared from *Casinaria anastomosis* Uchida (Ichneumonidae, Hym.) on *Aedia leucomelus* Linné (Noctuidae, Lep.).

8. *Itopectis alternans spectabilis* (Matsumura, 1926)

New host records: 2♂♂, 25-iv- & 8-v-1974, Jūsantsukabaru, Kagoshima-ken (K. Kusigemati), reared from *Campoplex homonae* (Sonan) (Ichneumonidae, Hym.) on *Adoxophyes fasciata* Walsingham (Tortricidae, Lep.); 1♂, 31-vii-1968, Sapporo, Hokkaido (S. Umezawa), reared from *Gracillaria japonica* Kumata (Gracillariidae, Lep.); 1♂, 15-iv-1973, Hayato, Kagoshima-ken (H. Kamiwada), reared from *Samaria ardentella* Ragonot (Pyralidae, Lep.); 1♀, 25-vi-1965, Yaku-shima, Kagoshima-ken (T. Kumata), reared from *Lithocolletis yakushimensis* Kumata (Lithocolletidae, Lep.).

9. *Itopectis narangae* (Ashmead, 1906)

New host records: 1♀, 19-v-1972, Uearata, Kagoshima-shi, Kyushu (K. Kusigemati), reared from *Homona magnanima* Diakonoff (Tortricidae, Lep.); 2♀♀, vi-1975, Yue, Ariake, Nagasaki-ken (T. Nakasuga), reared from *Ostrinia memmialis* (Walker) (Pyralidae, Lep.).

10. *Melalophacharops everese* (Uchida, 1957)

New host record: 1♂, 29-xii-1973, Kagoshima-shi, Kyushu (H. Tanaka), reared from *Lampides boeticus* Linné (Lycaenidae, Lep.).

11. *Mesochorus vittator* (Zetterstedt, 1838)

New host record: 1♀, 10-vi-1969, Nishi-dake, Kitamorokata, Miyazaki-ken (H. Tanaka), reared from *Melalophacharops everese* (Uchida) (Ichneumonidae, Hym.) on *Celastrina argiolus ladonides* de l'Orza (Lycaenidae, Lep.).

12. *Paraperithous chui* (Uchida, 1934)

New host record: 1♀, 20-v-1963, Uearata, Kagoshima-shi, Kyushu (K. Kusigemati), reared from *Glyphodes pyloalis* (Walker) (Pyralidae, Lep.).

13. *Podoschistus alpensis* (Uchida, 1928)

New host record: 1♀, 18-iii-1972, Honshu (Y. Imamura), reared from *Phymatodes maaki* Kraatz (Cerambycidae, Col.).

14. *Pristmerus chinensis* (Ashmead, 1906)

New host record: 1♀, 28-v-1973, Uearata, Kagoshima-shi, Kyushu (H. Kamiwada), reared from *Homona magnanima* Diakonoff (Tortricidae, Lep.).

15. *Trathala flavoorbitalis* (Cameron, 1907)

New host record: 1♀, 24-ix-1972, 1♂ & 1♀, 20-x-1972, Kamifukumoto, Kagoshima-shi, Kyushu (K. Babaguchi), reared from *Cnaphalocrocis medinalis* Guenée (Pyralidae, Lep.).

16. *Trogus mactator* (Tosquinet, 1880)

New host record: 1♂, 6-vii-1971, Uomi-dake, Ibusuki, Kagoshima-ken (K. Ôhara),

reared from *Papilio protenor demetrius* Cramer (Papilionidae, Lep.).

17. *Xanthopimpla japonica* (Krieger, 1899)

New host record: 1♀, 24-viii-1964, Uearata, Kagoshima-shi, Kyushu (K. Hashimoto), reared from *Malacosoma neustria testacea* Motschulsky (Lasiocampidae, Lep.).