

**The occurrence of two genera and four species of Ichneumonid wasps from Iran**

**The occurrence of two genera and four species of Ichneumonid wasps from Iran (Hym.: Ichneumonidae). Eng. A. Masnadi Yazdinejad.** Insect Taxonomy Research Dept., Iranian Research Institute of Plant Protection, P. O. Box 1454, Tehran 19395, Iran. amasnadi@yahoo.com

In order to study of the Ichneumonid fauna of Tehran, Mazandaran and Ardabil Provinces, spring and summer sampling were carried out in 2006. As a result, 4 species of 4 genera from the subfamily Ichneumoninae were collected and identified. This is the first record of these species and 2 genera from Iran. *Diphyus ochromelas* (Gmelin, 1790) and *Ichneumon caloscelis* Wesmael, 1845 were identified by author and *Probolus culpatorius* (Linnaeus, 1758) and *Fileanta flavolaeta* (Berthoumieu, 1892) were identified to genus level by the author. The identifications were confirmed by Dr. M. Riedel from Germany. The specimens are deposited at the Hayk Mirzayans museum in the Insect Taxonomy Research Department of the Iranian Research Institute of Plant Protection.

*Fileanta flavolaeta* (Berthoumieu, 1892), Body length 14-14.3 mm. Fore wings 11 mm. Hind wings 7 mm; Head Black. frons, clypeus and mouth parts yellow. Body black with specific yellow spot pattern. Mesoscutum black with a yellow spot in middle. Scutellum, collar and flagellumer entirely yellow; Propodeum yellow basally and black at end with a middle basic yellow band that stretch to the middle part of metapleuron; First tergite entirely black, third tergite yellow with a middle black band and the rest of tergites black with a creamy coloration in distal edge (Meyer, N. F. 1993. Zoological Institute of the Academy of Science of the USSR. 9(1): 1-485). Distribution: Western Palaearctic (Yu *et al.*, 2005. CD. Taxapad, Vancouver, Canada). Locality and date: Tehran-Kandovan, 1.VII.2006. Leg. A. Masnadi-Yazdinejad. This is the first record of the genus *Fileanta* Cameron, 1901 from Iran.

*Probolus culpatorius* (Linnaeus, 1758), Body length 12 mm. Fore wings 9 mm. Hind wings 6 mm; Head and thorax black; Flagellomere black with yellow segments of 7-10. Scutellum yellow. Areolet in the front wing close and second recurrent vein with two bullae; Tergites 2-4 yellowish-red and the rest tergites black. All legs Black in color (Perkins, J. F. 1960. Royal Entomological Society of London. pp. 117-213). Distribution: Palaearctic (Yu *et al.*, 2005. CD. Taxapad, Vancouver, Canada). Locality and date: Mazandaran-Klardasht, 3.IV.2006. Leg. A. Masnadi-Yazdinejad. This is the first record of the genus *Probolus* Wesmael, 1845 from Iran.

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*Diphyus ochromelas* (Gmelin, 1790), Body length 13.5 mm. Fore wings 10 mm. Hind wings 6.8-7mm. Head and thorax black. Scutellum, dorsal edge of mesopleuron and posterodorsal corner of propleuron white-yellow. Mesopleuron with prepectal carina elbowed. Legs black. Tibia and tarsus yellow. First tergite black. Tergites 2-3 dark yellow with a black posterior band. Otherwise black with a white-yellow posterior band (Ceballos, G. 1924. Trabajos del Museo Nacional de Ciencias Naturales, Serie Zoologia. Num. 50. 335 pp.). Distribution: Palaeartic (Yu *et al.*, 2005 CD. Taxapad, Vancouver, Canada). Locality and date: Ardebil-Giran, 16.VI.2006. Leg. A. Masnadi-Yazdinejad.

*Ichneumon caloscelis* Wesmael, 1845, Body length 6 mm. Fore wings 7 mm. Hind wings 5 mm; Head black; Clypeus, frons, labrum yellow; Thorax black. Scutellum, tegula and the dorsal edge of collar yellow. Fore leg and mid leg yellow with a black spot at the base of femur. Hind leg black with a yellow tibia and basitarsus. Propodeum with a prolonged ptiolar area. Tergites 2-3 yellow with a median black band, the rest black (Ceballos, G. 1924. Trabajos del Museo Nacional de Ciencias Naturales, Serie Zoologia. Num. 50. 335 pp.). Distribution: Palaeartic (Yu *et al.*, 2005. CD. Taxapad, Vancouver, Canada). Locality and date: Tehran-Evin, 27.VIII.2005. Leg. A. Masnadi-Yazdinejad.