

A new species of the genus *Phradis* Förster with 10-11-segmented antenna from the Ukraine (Hymenoptera: Ichneumonidae, Tersilochinae)

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A new species, *Phradis decameron* sp. n., with 10-11 segmented antenna, is described from the Ukraine. This is the minimum number of antennal segments known in the family Ichneumonidae.

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The European fauna includes 17 species of the genus *Phradis* Förster (Yu & Horstmann, 1997). Most of these species were revised by Horstmann (1971, 1981), and two species, *Ph. toreador* and *Ph. obscuripes*, were described subsequently by Aubert (1986) and Horstmann & Kolarov (1988), respectively. One species was described from the Nearctic Region (Khalaim, 2002), and Townes (1971) mentioned several undescribed Nearctic species. Gauld (1984) recorded undescribed species from Australia.

A new European species, *Phradis decameron* sp. n., is described from the Ukraine in this paper. The new species is notable by 10-11-segmented antenna. This is the minimum number of antennal segments known in the family Ichneumonidae (in other ichneumonids, more than 12). The types of the new species are deposited in the collection of the Zoological Institute, Russian Academy of Sciences, St.Petersburg.

***Phradis decameron* sp. n.**
(Figs 1, 2)

Holotype. ♀, **Ukraine**, *Sumy Prov.*, "Mikhailovskaya Tselina" Nature Reserve, 17.VI.2000 (Kotenko).

Paratype. 1 ♀, label as in holotype.

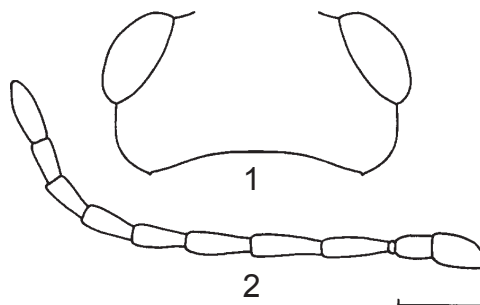
Description. *Female*. Body length 3.2 mm. Head 0.7 mm wide, roundly narrowed behind eyes in dorsal view (Fig. 1). Temple distinctly shorter than eye width (Fig. 1). Antenna with 10-11 segments (holotype with 10 segments); all segments longer than wide (Fig. 2). Mandible densely and coarsely punctate basally; upper tooth of mandible distinctly shorter than lower tooth. Clypeus finely granulate and with few punctures in basal part, smooth and shining in

apical part. Malar space about 0.6 times basal width of mandible. Face, frons, vertex and temple entirely granulate. Temple almost smooth in its middle part and sometimes with sparse fine punctures.

Mesosoma entirely granulate and impunctate (only mesonotum with sparse indistinct punctures laterally); its length 1.14 mm, width 0.57 mm. Sternauli absent. Propodeal spiracle small; distance between propodeal spiracle and pleural carina subequal to 3 diameters of spiracle. Basal area of propodeum slightly elongate.

Fore wing length 2.3 mm. Vein *2m-cu* interstitial. Width of pterostigma about equal to length of first part of radial vein. Metacarp not reaching apex of fore wing.

First metasomal segment 0.6 mm long, 0.16 mm wide posteriorly, almost entirely smooth, only petiole scarcely striate basolaterally and dorsally. Glymmae absent. Second metasomal segment length 0.39 mm. Thyridia elongate, about twice



Figs 1, 2. *Phradis decameron* sp. n. (holotype): 1, head, dorsal view; 2, antenna, lateral view. Scale: 0.2 mm.

as long as wide. Ovipositor thin, upcurved, with small, narrow dorsal subapical notch; ovipositor sheath about 1.3 mm (twice as long as first tergite).

Body black. Palpi, mandible (except for teeth), lower half of clypeus, scape and pedicel of antenna, tegula, legs and metasoma, except first segment, yellow-brown. Flagellum of antenna gradually darkening toward apex. All coxae black. Hind femur darkened. Pterostigma brown.

Male unknown.

Comparison. The new species distinctly differs from all other species of this genus in the 10-11-segmented light antenna (Fig. 2) and the lower tooth of the mandible longer than the upper one.

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