

Ichneumonidae. (Hym.)

By C. A. L. Smits van Burgst, The Hague, Holland.

*Cryptinae.*1. *Hemiteles Pfankuchi* n. sp.

♀. Head circular anteriorly, transverse, obliquely rounded behind the eyes; cheeks inflated; eyes internally slightly divergent; epistoma prominent; clypeus subdiscreted, apically rounded, not dentate centrally; subglabrous, excepting face which is finely coriaceous and covered with pubescence. Antennae filiform, not fully two-thirds the length of the body; flagellum 20-jointed, basal flagellar joints elongate, decreasing in length towards the centre, second joint only slightly shorter than basal one.

Thorax cylindrical, narrower than the head; parapsidal furrows distinct; somewhat shining; mesonotum punctate, central lob very closely punctate and dull, mesopleurae longitudinally striate, speculum shining; metathorax roughly wrinkled, with two distinct transverse, but obsolete longitudinal, costae; area petiolaris somewhat excavate; apophyses very small; metathoracic spiracles small and circular.

In forewing stigma large, with the radial nervure emitted from its centre; areola with the outer nervure wanting, the inner nervure nearly twice longer than its distance from nervus recurrens; the discocubital almost straight; discoidal cell externally acute below. In hindwing nervellus obviously antefurcal, intercepted at its lower third.

Abdomen oblong-ovate, slightly broader than thorax, shining; basal segment moderately dilated towards apex, sharply aciculate throughout, the extreme apex glabrous, spiracles slightly prominent; second segment aciculate, glabrous apically, following segments nitidulous; terebra viewed from above, as long as second, third and fourth segment.

Legs normal, front tibiae slightly intumescent.

Length, including terebra, $4\frac{1}{2}$ mm.

A slender, somewhat shining species. Head black, with mandibles rufescent and palpi flavidous. Antennae rufescent, basally ferruginous. Thorax black. Wings with an infusate fascia beneath the stigma; tegulae flavescent, radix stramineous, stigma and nervures pale piceous. Abdomen black, segments one and two with a narrow red apical margin. Legs fulvous, clouded with fuscous colouring, especially the hind ones.

This species follows on no. 62 in the table of *Hemitelini* given by Prof. Schmiedeknecht (Opusc. Ichneum. p. 769).

I swept one ♀ from underbrush at Burgst, near Breda (Holland), in May 1912.

Named in honour of Mr. K. P f a n k u c h , teacher at Bremen.

2. *Hemiteles bredensis* n. sp.

♀. Head transverse, broader than thorax, a little narrowed posteriorly; face broader than high, parallel-sided; clypeus not discreted, bidentate apically; cheeks somewhat buccate; dull, coriaceous throughout. Antennae filiform, slightly incrassate towards the apex; flagellum 22-jointed, basal joint more than thrice longer than broad, joints one and two about equal in length.

Thorax subcylindrical, notauli obsolete, coriaceous throughout, only pro- and mesopleurae longitudinally striate and shining; metathorax with the areae complete and well defined, basal area convergent posteriorly, area superomedia hexagonal, much broader than long, emitting the costulae from behind its centre; spiracles small and circular. Forewing with stigma slightly larger than normal size, radius emitted from its centre; areola pentagonal with the outer nervure wanting, the inner transverse slightly longer than its distance from recurrent nervure, the latter unifenestrate; discoidal cell apically acute below. In hindwing nervellus almost opposite, broken below centre and emitting a distinct nervure.

Abdomen ovate, subdeplanate; basal segment with a distinct lateral margin, petiole deplanate, postpetiole dilated towards the apex, spiracles not prominent, coriaceous, apical half aciculate, the extreme apex centrally glabrous; second segment coriaceous, its apical third as well as following segments glabrous; terebra, viewed from above, a little shorter than the abdomen.

Legs normal.

Length, including terebra, $6\frac{1}{2}$ mm.

A somewhat stout species with the aspect of a *Phygadeuon*. Head black, cribrary parts fulvous. Antennae from base to fifth flagellar joint ferruginous, the apical half nigrescent. Thorax black. Wings infumato-hyaline; tegulae an radix of wings white, stigma and nervures piceous. Abdomen rufescent-testaceous, basal segment, excepting its apex, black, segment three apically somewhat infusate, segment four discally flavescens. Legs rufescent-testaceous, trochanters whitish, hind tibiae and tarsi slightly infusate.

This species is closely related to *Hemiteles nigrobasalis* Schmied. from which however, the sculpture of thorax and abdomen and the colouration of the legs will instantly distinguish it.

I captured one ♀ by sweeping shrubs in the environs of Breda (Burgst) in July 1912.

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Zeitschrift/Journal: [Deutsche Entomologische Zeitschrift \(Berliner Entomologische Zeitschrift und Deutsche Entomologische Zeitschrift in Vereinigung\)](#)

Jahr/Year: 1913

Band/Volume: [1913](#)

Autor(en)/Author(s): Smits van Burgst C. A. L.

Artikel/Article: [Ichneumonidae. \(Hym.\) 462-463](#)