

A NEW GENUS AND SPECIES OF PROCTOTRYPIDÆ
AND A NEW SPECIES OF BRACHYSTICHA,
BRED BY PROF. F. M. WEBSTER.

BY WILLIAM H. ASHMEAD.

FAMILY PROCTOTRYPIDÆ.

SUB-FAMILY PLATYGASTERINÆ.

FIDIOLIA, gen. nov. Head transverse, as wide as the widest part of the thorax; viewed from in front, wider than long; the frons smooth, subconvex, ocelli 3 in a triangle, the lateral much nearer to the eye margin than to the front ocellus; the antennæ inserted near the mouth, in ♀ 8-jointed, ending in an ovate 3-jointed club; the scape subclavate as long as the face, the pedicel cyathiform, a little longer than thick at apex; the funicle 3-jointed, the first two joints not or scarcely longer than thick, the third wider than long. Thorax sub-ovoid, a little longer than wide, the mesonotum smooth without sharply defined furrows, although these are more or less slightly indicated posteriorly by two longitudinal impressions; scutellum lunate, flat, separated from the mesonotum by a delicate transverse line, but without fovea; metanotum with two minute foveolæ; wings hyaline, without nervures.

Abdomen sessile, oblong, truncate behind and a little narrowed toward base, the first segment wider than long, the second occupying the whole of the remaining surface, the terminal segments evidently being retracted.

This genus should be placed in my table, Monogr. N. A. Proctotrypidæ, p. 263, between *Anopedias* Först. and *Amitus* Haliday.

It agrees with the latter in having 8-jointed antennæ, but their structure is totally different. They are very short and the club is 3-jointed, while in *Amitus* they are long and the club is unjointed; otherwise, in shape and structure of thorax

and abdomen, there is not a particle of resemblance, these characteristics more closely resembling those in *Anopedias*.

It also bears some resemblance to the genus *Phanurus* Thoms. in the tribe *Telenomini*, but it evidently can not be placed here on account of the veinless wings and the structure of the abdomen, although its habits would seem to indicate an affinity with this group.

FIDIØBIA FLAVIPES, sp. n. ♀ — Length, 0.6 mm. Black, polished; legs and antennæ yellow; thorax without distinct furrows, smooth, with only slight indications of furrows posteriorly, but not sharply defined; wings hyaline, veinless; abdomen oblong, sessile, the first segment wider than long, the second very large, occupying most of the remaining surface, the following being usually retracted with it, and thus making the abdomen appear truncated at apex.

Hab.— Euclid, Ohio.

Described from specimens bred by Prof. F. M. Webster, July, 1894, from the eggs of a Coleopteron *Fidia viticida*, on grape-vine.

FAMILY TRICHOGRAMMIDÆ.

BRACHYSTICHA FÖRSTER.

BRACHYSTICHA FIDLE, sp. n. ♀ — Length 0.65 mm. Head, except eyes and thorax, pale brown or brownish-yellow; the conical-shaped but depressed abdomen dark fuscous or black; wings hyaline, broad, pubescent, with a short marginal fringe, the pubescent not arranged in regular rows; legs brown or fuscous, the tips of femora, tips of tibiæ and tarsi yellowish.

The head antero-posteriorly very thin, with a facial impression; the antennæ inserted far down on the face, 6-jointed (scape, pedicel, ring-joint and a 3-jointed, fusiform, pubescent club); thorax with a longitudinal median impressed line; while the abdomen is long, conically-pointed, but depressed above.

Hab.— Euclid, Ohio.

Described from specimens bred by Prof. F. M. Webster, August, 1894, from eggs of *Fidia viticida*, on grape-vine.

This species comes nearest to *Trichogramma acuminatum*, Ashm., Can. Ent., 1888, p. 107, which should probably be referred to this genus, but differs decidedly in the color of the legs and abdomen.