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BRITISH ENTOMOLOGY;

BEING

ILLUSTRATIONS AND DESCRIPTIONS

OF

THE GENERA OF INSECTS

FOUND IN

GREAT BRITAIN AND IRELAND:

CONTAINING

COLOURED FIGURES FROM NATURE

OF THE MOST RARE AND BEAUTIFUL SPECIES,

AND IN MANY INSTANCES

OF THE PLANTS UPON WHICH THEY ARE FOUND.

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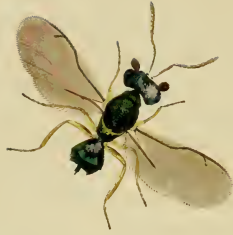
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PHAGONIA SMARAGDINA.

ORDER Hymenoptera. FAM. Cynipidæ.

Type of the Genus, Phagonia flavicornis Hal.

PHAGONIA Hal., Curt.—Pteromalus Dal.

Antennæ approximating, inserted near the middle of the face, as long as the thorax, pilose, geniculated and 13-jointed in the males (1), basal joint very long, 2nd short subpyriform, 3rd and 4th minute, cup-shaped, 6 following oblong remotely articulated, the remainder forming an indistinctly articulated, elongate-conic club, the terminal joint the smallest.

Labrum undiscovered.

Mandibles oblong, truncated obliquely, with 4 teeth nearly of equal size (3).

Maxillæ with the basal portion dilated, terminated by an oval lobe, membranous on the inside, horny and pilose outside and at the apex. *Palpi* large and triarticulate, basal joint long and curved, 2nd considerably longer, both slender, 3rd very large, ovate or orbicular and concave, forming a thin bowl (4).

Mentum elongate-ovate. *Lip* a little dilated and rounded. *Palpi* extending a little beyond the lip, triarticulate? basal joint as long as the 3rd clavate, 2nd minute, 3rd conic, furnished with a few bristles at the apex (5).

Head *large orbicular and transverse. Eyes small and lateral. Ocelli 3, very minute. Thorax narrower than the head; collar narrow; scutellum large and rounded. Abdomen very short and attached by a short thick peduncle, somewhat orbicular-truncate, 5?-jointed, terminated by a style. Wings; superior ample with a submarginal nervure reaching the costa at the middle and extending to the apex, with a short obtuse ray between the middle and apex; inferior with only a costal nervure. Legs similar, anterior the smallest. Thighs a little thicker than the Tibiæ, the anterior of which have a spine at the apex. Tarsi, posterior shorter than the tibiæ, 5-jointed, basal joint a little longer than the 2nd, 4th a little smaller than the 3rd and 5th. Pulvilli membranous and distinct. Claws minute (8, a fore leg).*

SMARAGDINA Curt. Guide, Gen. 631.

Bright blueish green, excessively thickly punctured; eyes black, mandibles ochreous; antennæ and palpi orange, the former yellow at the base, 2nd joint and palpi fuscous at the base: Abdomen of metallic lustre, peduncle blackish and punctured: wings with the nervures lurid: legs ochreous, coxæ green, thighs and base of tibiæ yellow, the upper edge of the posterior thighs and tips of tarsi brown.

In the Cabinet of Mr. F. Walker.

MR. HALIDAY first proposed the genus *Phagonia*, which is recorded in my Guide; and as its singular structure renders it interesting, and neither figure nor description of it having been published, it is hoped that the present notice will be acceptable to those engaged in the study of this beautiful and extensive family of Hymenoptera.

Dalman in a slight *Conspectus* of his genus *Pteromalus* mentions 3 of his species having entirely yellow antennæ with incrassated palpi, under the names of *chilodes*, *patellanus*, and *palpalis*; but as no characters are given, it is impossible to say whether our species be the same as his.

I am indebted to Mr. Haliday and Mr. Walker for specimens of the type, which may be thus described:

1. *P. flavicornis* Hal.—*Curt. Guide, Gen.* 631. 1.

Length 1 line, or a little longer: bright golden green, excessively thickly punctured: eyes black; palpi orange, mandibles pale ochreous, tipped with black: antennæ ochreous, black at the apex, 2nd joint brownish at the base: abdomen metallic, polished, 2nd joint violaceous, peduncle æneous black and punctured: wings with the nervures lurid. Legs deep and bright ochre, coxæ green, tips of tarsi brown.

Taken in June and July by Mr. F. Walker on Ferns in woods at Southgate.

The following is the description of the insect supposed by Mr. Walker to be the female:

Length $1\frac{1}{4}$ line. Brilliant green with a golden tinge: excessively thickly punctured: eyes and antennæ black, the latter ochreous at the base: palpi small and blackish: mandibles ochreous: abdomen rhombiform, metallic, polished, with a violaceous tinge towards the apex: wings with the nervures lurid: legs ochreous, coxæ green, trochanters and thighs, excepting the tips of the latter, black; tarsi brown at their apex.

Taken with the last.

2. *P. smaragdina* Curt. *Brit. Ent. pl.* 427 ♂.

A single example of this new species was found by Mr. F. Walker in a currant-bush at Southgate in June.

The Plant is *Fumaria capreolata* (Ramping Fumitory).