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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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Plate by J. Curtis Nov. 1801

LYDA FASCIATA.

ORDER Hymenoptera. FAM. Tenthredinidæ.

*Type of the Genus, Tenthredo Sylvatica Linn.*LYDA *Fab., Sam., Klug., Le Pelt., Curt.*—*Pamphilus Lat.*—*Cephalia Jur.*—*Tenthredo Linn., &c.*

Antennæ inserted towards the middle of the face, setaceous and simple, but sometimes more robust in the male than female, composed of 25 to 30 joints, basal joint the most robust, 2nd somewhat cupshaped, 3rd not longer than the 1st nearly linear, the remainder insensibly diminishing in size to the end (1 the base). *Labrum* thin, horny and subcordate (2).

Mandibles long, curved and crossing, acute and rather slender, producing a large tooth on the inside near the middle (3).

Maxillæ terminated by 2 lobes the internal one subovate, the external dilated and very pubescent at the apex, the former but slightly so. *Palpi* very long and pubescent, except at the base, 6-jointed, basal joint short, 2nd rather the stoutest, but shorter than the following which are long and nearly of equal length, slightly tapering towards the apex, the 4th and 5th somewhat clavate, the terminal joint subconical at the apex (4).

Mentum oblong, horny. *Lip* rather large, fleshy, slightly hairy and trilobed. *Palpi* long and stout, pilose and 4-jointed, basal joint the smallest, the remainder nearly of equal length, 2nd suddenly narrowed at the apex, 3rd the stoutest, subclavate, 4th subovate (5).

Mouth concealed by the Clypeus which is semicircular. Head large subquadrate or orbicular. Eyes remote, rather small and prominent. Ocelli 3 in triangle. Neck short. Thorax subglobose. Wings broad with 2 marginal and 3 complete submarginal cells, the external basal cell small, the intermediate divided at the middle, and the nervure of the internal one very much sinuated. Abdomen depressed, frequently broad, apex rounded. Oviduct not exerted. Tibiæ spurred at the apex, 4 posterior with a single spine also on the inside, below the middle. Tarsi 5-jointed. Claws bifid. Pulvilli distinct (8† hind leg).

Larvæ gregarious, with 6 pectoral, but no membranaceous feet, apex terminated by 2 appendages like horns. Lat.

FASCIATA *Curtis's MSS.*—*Guide, Gen. 474.*

Black and shining, head and thorax coarsely punctured; base of antennæ ochreous; mouth, a subcordate spot between the antennæ and a minute one behind each eye, yellow; apex of mandibles ferruginous: scapulars yellow: wings stained yellowish-brown, superior with a darkish brown fascia across the middle; inferior brownish at the margin; stigma and nervures piceous: abdomen minutely punctured, black with a violaceous tint; a yellowish membrane at the margin of the basal joint, the 5th ochreous in the middle, the remainder entirely so, the 3rd and following joints with a yellow spot on the side of each segment, increasing in size towards the apex: legs yellow, base of coxæ and of 4 anterior thighs black; tarsi orange.

In the Cabinets of the British Museum and Mr. Newman.

THE following are British species of this fine genus:—

1. *L. Sylvatica* Linn.—Panz. 65. 10. *fem.*—*nemorum* Fab.—Panz. 86. 8. *male.*

June, hedges and woods.

- 1^b. *L. fumipennis* Curt. MSS. Larger than No. 1, but very similar, the antennæ are fuscous towards the apex, yellow at the base, without any black spot on the upper side of the 1st joint, and the wings are stained brownish, instead of a yellow tint.

I found both sexes many years since on gooseberry bushes in a garden in Norfolk.

2. *L. Stigma* St.

3. *L. aurita* Klug. Berl. Mag. 1808. p. 275. *tab.* 7. *f.* 3.

4. *L. pratensis* Fab.—Schæf. *pl.* 42. *f.* 8. & 9.?

5. *L. flaviventris* DeG.—*depressa* Panz. 65. 11.

Coombe Wood, and 10th May Cottrel Clough, Mr. R. Wood, Manchester.

6. *L. Sylvarum* St.

7. *L. hortorum* Klug.—*fallax* Le Pel. St. Fargeau.

8. *L. inanita* Vill.—*inanis* Klug.—*Faun. Fr. pl.* 14. *f.* 6.

Taken by Mr. E. Newman in Birch-wood, flying, the end of June.

- 8^b. *L. fasciata* Curt. Brit. Ent. *pl.* 381.

The female figured was taken on a blade of grass in Darent Wood, the middle of June, by Mr. E. Newman.

9. *L. marginata* Le Pel.

I took a specimen many years since; and it has been captured by Captain Blomer in Pembrokeshire.

10. *L. Arbustorum* Fab.—*lucorum* Vill.

June, hedges Coombe Wood.

11. *L. lutescens* Le Pel.—Panz. 107. 7.

12. *L. cingulata* Lat.—*Faun. Fr. pl.* 14. *f.* 3.

13. *L. Betulæ* Linn.—Panz. 87. 18.

June, on the birch, nut, and hornbeam.

14. *erythrocephala* Fab.—Panz. 7. 9. *fem.*

June, hedges and woods. It frequents also the *Pinus sylvestris*.

The figures referred to in the *Faune Française* are not yet published I believe: I have copied the references from M. St. Fargeau's Monograph.

The Plant is *Aira præcox* (Early Hair-grass), communicated by the Rev. Professor Henslow.