

METALEPTOBASIS, gen. nov.

The study of an additional species for this faunal district and the remarks made under *Leptobasis*, *antèa*, page 120, appear to necessitate the formation of a new genus distinguished from *Leptobasis* by the following characters:—Inferior sector of the triangle arising as far distal to the submedian cross-vein as the latter is long, nodal sector arising at the fifth or sixth postcubital on the hind wings, at the sixth or more remote on the front wings (at the fourth and fifth respectively in *Leptobasis vacillans*), tarsal claws toothless. Superior appendages (♂) and genital valves (♀) otherwise than as in *Leptobasis* (*cf. antèa*, pages 101–2).

Type: *M. bovilla*, sp. n.

This genus will also include *L. diceras*, Selys, and perhaps other species associated therewith by de Selys.

1. *Metaleptobasis bovilla*, sp. n. (Tab. VII. figg. 21–23.)

♂. Anterior surface of frons, rhinarium, bases of mandibles, under and hind surfaces of head pale (blue in life?); vertex, superior surface of frons, nasus, and labrum black, in part with a metallic-green reflection, a short orange line between each lateral ocellus and the antenna of the same side. First antennal joint blackish, its thickness and length subequal; second joint about one-and-one-half times as long as the first, more slender, pale but darker distally; remaining joints and the labium lost.

Prothorax lost. Thorax orange, sides paler (pale blue in life?), a metallic-green mid-dorsal stripe, .5 mm. wide, much narrowed at its anterior end to pass between two orange, curved processes ("horns"). Each process is about 1 mm. long, situated behind a mesostigma, directed forward and upward when seen from the right or left side of the insect, subparallel with its fellow of the other side for half its length, then diverging therefrom and curved outward (laterad).

Abdominal segment 1 pale (blue?) with a dark transverse apical ring; dorsum of 2–10 dark metallic-green, gradually becoming blackish-brown on the posterior segments, a narrow, transverse, basal pale ring, interrupted mid-dorsally; ventral surface of abdomen pale, except at the apices of 3–6, which are darker.

Superior appendages .5 mm. long, a little shorter than segment 10, in dorsal view curved toward each other, gradually tapering from base to apex; in profile view the apical half much more slender than the basal half and curved strongly downward, apex acute. Inferior appendages nearly three times as long as the superiors; in profile view the basal two-thirds are directed backward and upward, the distal third backward and downward, and forming with the basal part an angle of about 120°, at one-third length of the appendages a small superior tubercle; in ventral view the two appendages are subparallel in their basal halves, curved toward each other in their apical halves, a small angular excision on the inner side of each at half-length, apices moderately acute.

Legs (fragments only) pale; tarsal claws apparently without a tooth.

Wings colourless, stigma brown, surmounting exactly one cell, submedian cross-vein at level of two-thirds to three-fourths distance from first to second antecubital, inferior sector of triangle separating from hind margin of wing at a distance beyond the submedian cross-vein subequal to the length of the cross-vein itself, anterior side of quadrilateral half (front wing) or two-thirds (hind wings) as long as the posterior side, three antenodal cells, twelve postcubitals on front and hind wings (right front wing lost), nodal sector arising at the sixth, ultra-nodal at the tenth postcubital, upper sector of triangle ending at level of ninth, lower sector at level of sixth postcubital.

♀. Differs from the male as follows:—Labrum brownish-yellow, free margin narrowly darker brown, line between ocellus and antenna yellow, second antennal joint subequal in length to the first, third joint twice as long, pale, darker at apex, remaining joints hair-like, black; prothorax pale obscure luteous, hind margin convex, slightly produced medially; mid-dorsal thoracic stripe metallic-blue, mesothoracic