

SOME NEW NORTH AMERICAN SAPROMYZIDÆ (DIPTERA).

BY J. R. MALLOCH,
Urbana, Ill.

Some of the species described herein have been in my possession for some years, while others were recently submitted for identification by Mr. W. L. McAtee, in connection with the preparation of a paper on the species occurring in the vicinity of Washington, D.C., and by Mr. C. W. Johnson. The location of the type specimens is stated in the paper.

***Minettia punctifer*, sp. n.**

Female.—Testaceous yellow, shining, thoracic dorsum densely yellowish pruinulent. Antennæ and palpi yellow; frons opaque, paler on orbital stripes and ocellar triangle than on interfrontalia; ocellar spot black. Thoracic dorsum with a pale brown dot at base of each hair and bristle. Abdomen with a black spot in centre of each tergite from 2 to 5 inclusive and a smaller spot on each side of the apical two or three tergites. Legs pale. Wings clear.

Frons a little longer than wide, with two strong backwardly directed orbital bristles on each side; arista with very short hairs; parafacial and cheek very narrow. Thorax with three pairs of dorsocentrals, one pair of strong prescutellar acrostichals, and a moderately strong intra-alar bristle. Hind femur and hind tibia without preapical bristle. Last section of fourth vein about 1.75 as long as preceding section.

Length 2 mm.

Type.—Fort Lauderdale, Fla., February 18, 1919, (A. Wetmore). Type in collection of U. S. Bureau of Biological Survey.

***Sapromyza nubilifera*, sp. n.**

Male and Female.—Testaceous yellow, shining. Both cross-veins broadly infuscated.

Similar in all respects to *nubila* Melander in cephalic and thoracic details, differing in the male only as follows: Apical sternite with a series of short black setulae on apical margin, which are absent in *nubila*; hind tibia and hind metatarsus with long, fine hairs on anterior surface, which are absent in *nubila*; Hind femur in both sexes without fine hairs on antero- and postero-ventral surfaces, the latter especially lacking these, which are present in *nubila*.

Length 3.5–4.5 mm.

Type.—Male, and one male paratype, Monticello, Ill., June 21, 1914. Allotype, Monticello, Ill., June 28, 1914. Paratypes, two males, Mahomet, Ill., August 6, 1914; two males and two females, Urbana, Ill., June 17, 1916; one male and one female, same locality, June 20, 1915; one male and one female, same locality, June 23, 1916 (Hart and Malloch).

Type in collection of Illinois Natural History Survey.

***Sapromyza fuscibasis*, sp. n.**

Male and Female.—Yellow testaceous, shining. Each wing with 6 brown spots as follows: on each cross-vein, at apices of veins 2, 3 and 4, and on last section of 3 beyond cross-vein; base of third vein dark brown. All hairs and bristles black.

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