

lights. In the meantime, however, we must rely upon such remedies as tests have proved worthy of recommendation.*

A PARTIAL KEY TO SPECIES OF THE GENUS AGROMYZA (DIPTERA).

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It is my intention to publish keys to species groups of the genus *Agromyza* as aids to the identification of the numerous forms which have been described or recorded from North America. Up to the present time I have seen nearly ninety species of the genus from the United States. In order to make it possible for a serial magazine to present keys to this large number of forms I have divided the genus into arbitrary groups, the characters used in these divisions being enumerated in each instalment on the key.

The present key includes all species which have the *scutellum conspicuously yellow* either entirely or in part, *contrasting strikingly with the disc of the thorax*. The halteres in all the species are pale

1. Antennæ with at least the entire third joint black (cf. *variata*).....2
 Antennæ entirely yellow or at most with the third joint partly infuscated.....5
2. Frons black, only frontal lunule yellow. Food-plant unknown. Mexico; New Mexico.....*xanthophora* Schiner.
 Orbits black, interfrontalia reddish yellow; very small species (.75 mm.); body with exception of scutellum black; legs black, only knees yellow. Food-plant unknown. Wash.; Ill.....*interfrontalis* Melander.
 Frons yellow, ocellar region and sometimes orbits partly black; body with more than scutellum yellow.....3
3. Palpi and legs black. Food-plant unknown.
 Texas.....*quadrisetosa* Malloch.
 Palpi and greater portion of legs yellow.....4
4. Wings clear. Food-plant unknown. Wash.; Alaska; B.C.; Ill.....(*longispinosa* Malloch) *pacifica* Melander.

*For further reference on this subject see Stingerland's "Trap-lanterns or Moth-catchers." Bull. No. 202, Ithaca, N.Y., 1902.
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