

Family AGROMYZIDÆ

AGROMYZA Fall.

- A. *allecta* Mell. Orange (Frost). Cornell Univ. Mem. No. 78., p. 39.
A. *coquilletti* Mall. Seaside Park VII, 15 (Weiss) Ent. News Vol. XXXVII, p. 19.
A. *fragariae* Mall. Orange (Frost) Cornell Univ. Mem. No. 78, p. 44.
A. *maculosa* Mull. Newark IX, 1 (Dickerson) Ent. News Vol. XXVI, p. 101.
A. *platyptera* var. *coronata* Loew. New Jersey. Cornell Univ. Mem. No. 78, p. 49.
A. *pruinosa* Coq. Seaside Park VIII, 20 (Weiss) Ent. News Vol. XXXVII, p. 19.
A. *pusilla* Meig. Seaside Park VIII, 5 (Weiss) Ent. News Vol. XXXVII, p. 19.

AULACIGASTER Macq.

- A. *rufitarsis* Macq. Morristown, VI, 17 (Dickerson) Ent. News Vol. XXVIII, p. 220.

PHYTOMYZA Fall.

- P. *affinis* Fall. Springfield, Orange, Nutley, Rutherford, Elizabeth, Riverton VI, (Weiss). Larvae mine in leaves of clematis. Ent. News Vol. XXVIII, p. 220.
P. *aquafolii* Gour. Rutherford, Inwood, New Brunswick. Leaf miner in English Holly. It has also been taken on holly imported from Holland. (Weiss) Ent. News Vol. XXVII, p. 13.
P. *aquilegiae* Hardy. Rutherford, Springfield, Riverton, Elizabeth VI to IX, (Weiss). Larvae mine in the leaves of columbine. Ent. News Vol. XXVIII, p. 220.
P. *ilicicola* Loew. Pemberton. Mine in the leaves of inkberry collected on Feb. 23rd and adults emerged in late April and May (Scammell). Ent. News Vol. XXVIII, p. 220.
P. *plantaginis* R. D. New Jersey. Cornell Univ. Mem. No. 78, p. 83.

OPHTHALMOMYIA Will.

- O. *lacteipennis* Loew. Browns Mills VI, 22 (Daecke) Ent. News Vol. XXX, p. 278.

RHICNOESSA Loew.

- R. *parvula* Loew. Seaside Park V, 29; VII, 2; VIII, 5 (Weiss) Ent. News Vol. XXXVII, p. 19.

STATE OF NEW JERSEY
DEPARTMENT OF AGRICULTURE

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SUPPLEMENT TO SMITH'S 1909
DIPTERA LIST

TRENTON, N. J. JUNE, 1926

Hollock & Parker, 1926

Supplement to Smith's 1909 Diptera List¹

by

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During a study of parasitic flies at the Japanese Beetle Laboratory, 37 species of parasitic Diptera and 2 species whose larvæ are predaceous upon soil insects were found which had never been listed from New Jersey. In connection with this work the Sarcophagidæ were considered to a slight degree because of a very interesting transition from the habit of devouring dead insects to parasitism upon living ones. Eight Sarcophagidæ not previously recorded in New Jersey were found in the Laboratory collection. As the study progressed, it developed that a large number of Diptera in different families contained in the collection of the Japanese Beetle Laboratory, and still others which were recorded for New Jersey in the literature, had not been previously brought together and arranged according to families.

The literature referred to in this paper consists of ten papers by Weiss, Nicolay, and Headlee and many scattered records not readily accessible to workers. Believing that this information would be of value to all local entomologists, the writers have brought together these records as a supplement to Smith's 1909 list of New Jersey Diptera, with the same arrangement of families as is used in that paper, but with the genera and species under these arranged alphabetically.

Family TIPULIDÆ

DOLOCHEPEZA Curt.

D. americana Needham. Ridgewood VII, 15 (Leonard) Ent. News Vol. XXIV, p. 249.

¹Contribution No. 16, of the Japanese Beetle Laboratory, United States Department of Agriculture, Riverton, N. J.

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