

DIPTEROUS LEAF MINERS IN ISRAEL ¹⁾

by

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The authors collected and successfully reared a range of leaf-mining diptera on their respective hosts as follows :

Agromyzidae :

Agromyza ambigua Fall. on various Gramineae

Liriomyza congesta Beck. on Linaria, Pisum and Medicago

Melanagromyza phaseoli Cbg. on Phaseolus

Phytomyza ranunculi v. *flavescutellata* Fall. on Chrysanthemum

Phytomyza conyzae Hend. on Inula viscosa

Phytomyza atricornis Mg. on plants of the following genera :

Senecio, Sonchus, Tropaeolum, Antirrhinum, Linaria, Pisum, Verbena, Linum, Gerbera, Cacalia, Calendula, Chrysanthemum, Papaver, Malva, Brassica, Sinapis, Vicia, Gaillardia, Anagallis, Phlox, Medicago, Centaurea.

Phytomyza umbelliferarum Hend. on Umbelliferae

In addition, three so far unidentified species were collected as follows :

Phytomyza sp. on Salvia sp.

Phytomyza sp. on Malva sp. and Hirschfeldia incana

Phytomyza sp. on Clematis sp.

Leaf-miners of other families included :

Drosophila ampelophila Loew (Drosophilidae) on Sinapis sp. and Sonchus sp.

Hydrellia griseola Fall. (Ephydriidae) on Hordeum sp.

Elachiptera bimaculata Loew (Oscinidae) on Brassica

Of the family Anthomyiidae the following species were found :

Pegomyia steini Hend. on Carduus

Pegomyia hyoscyami Panz. on Beta and Chenopodium

Pegomyia bicolor Wied. on Emex and Rumex.

1) Abridged translation from the Hebrew.