

Three Species of Agromyzidae (Diptera) Associated with Asteraceae in Northern Sinaloa, Mexico

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Abstract

Three species of Agromyzidae were identified at three municipalities in northern Sinaloa, Mexico. Photographs of adults, lateral and ventral aedeagus, and ejaculatory pump, as well as characteristic damage by the agromyzids on host plants were presented. Species identified were: 1. *Liriomyza sativae* Blanchard 1938 associated with *Calendula* sp., *Carthamus tinctorius* L., *Helianthus annuus* L., *Lactuca sativa* L., *Parthenium* sp., *Tagetes erecta* L., and *Taraxacum officinale* L., 2. *Melanagromyza minima* (Malloch 1913) associated with *Wedelia* sp., and 3. *Melanagromyza splendida* Frick 1953 boring stems of *Carthamus tinctorius* L.

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