

# HAWKWEEDES

*Hieracium* spp.

Asteraceae



Five insects have been released to attack hawkweeds (*Hieracium aurantiacum*, *H. caespitosum*, *H. lepidulum*, *H. pilosella*, and *H. praealtum*). They are the hieracium gall midge (*Macrolabis pilosellae*), hieracium gall wasp (*Aulacidea subterminalis*), hieracium crown hover fly (*Cheilosia psilophthalma*), hieracium root hover fly (*Cheilosia urbana*) and hieracium plume moth (*Oxyptilus pilosellae*). Only the gall midge and gall wasp are known to have established so far. The self-introduced hieracium rust (*Puccinia hieracii* var. *piloselloidarum*) is now widespread throughout the country. New Zealand is the first country to use any of these agents, and it is too early to know what collective impact they will have on hawkweeds.