Dried seed pods

Seed

Seedlings
Plant spreads with seeds and roots

A

B
Egg hatches & weevil larva develops in stem

F

E Pupa in stem

~5 mm
Adults in stem

Weevils overwinter in stem
Exit hole from weevil
Leaving the stem

A

Adult weevils mate

B
Adult weevil chews stem and lays eggs (oviposits)

Adults feeding on leaves
Toadflax stem weevil in Dalmatian toadflax near Missoula.

Mount Jumbo overlooking Missoula in 2006 before release of toadflax stem weevil.

Same point in 2008, two years after release of the toadflax stem weevil. A previous release of 100 toadflax stem weevils was made in 2003 at the very bottom of the mountain. This earlier release likely contributed to the decline of the toadflax.