

Parthenium Biocontrol Insects – Wayne Schroder Lefthand Branch Mt Sylvania.

Reibstein Gully Rd (29/01/23) – evidence of *Epiblema strenuata* activity



Reibstein Gully Rd (29/01/23) – *Zygogramma bicolorata*



Business Queensland - Currently a number of insect species and 2 rust pathogens have been introduced to control parthenium:

- *Epiblema strenuana* (stem galling moth)
- *Listronotus setosipennis* (stem weevil)

- *Zygogramma bicolorata* (leaf beetle)
- *Smicronyx lutulentus* (seed weevil)
- *Conotrachelus albocinereus* (stem galling weevil)
- *Bucculatrix parthenica* (leaf feeding moth)
- *Carmentia ithacae* (root feeding moth)
- *Stobaera concinna* (sap feeding plant hopper)
- *Platphalonidia mystica* (stem boring moth)
- *Puccinia abrupta* var. *partheniicola* (leaf rust)
- *Puccinia xanthii* var. *parthenii-hysterophorae*(leaf rust)
- [*Puccinia xanthii* var. *parthenii-hysterophorae* \(summer rust\) \(PDF, 2.2MB\)](#)
- [*Carmenta ithacae* \(root-boring moth\) \(PDF, 1.6MB\)](#)
- [*Smicronyx lutulentus* \(seed-feeding weevil\) \(PDF, 1.1MB\)](#)
- [*Listronotus setosipennis* \(stem-boring weevil\) \(PDF, 956KB\).](#)