

Rose Shoot Girdler



Photo Credit: Whitney Cranshaw, Colorado State University, Bugwood.org

Common Name: Rose shoot borer/girdler

Scientific Name: *Agrilus aurichalceus*

Order and Family: Coleoptera; Buprestidae

| | Length (mm) | Appearance |
|-----------------------------|--------------------|---|
| Egg | | Small eggs laid singly and cemented in place with a material that gives them a lemon color |
| Larva/Nymph | 12mm mature larvae | Milky white with first segment slightly yellow and brown to black mouthparts |
| Adult | 5mm | Slender, flattened, metallic beetles |
| Pupa (if applicable) | | Slightly flattened with body segments separated by distinct constrictions. Two short, brown, toothed projections on the tail end. |

Type of feeder (Chewing, sucking, etc.): Chewing

Host plant/s: Rose, blackberry, red and black raspberry, dewberry, currant, and gooseberry.

Description of Damage (larvae and adults): Adult feeding on the edges of leaves causes them to appear ragged but this is generally insignificant to the growth of plants. Larval feeding during June causes two to five spiral grooves in the cambium which girdles the cane and causes it to wilt and die.

References:

Alston, D. G. and Karren, J. B. (1994). Raspberry Crown Borer and Rose Stem Girdler. Retrieved from http://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=1761&context=extension_histall.

Rose Stem Girdler/Bronze Cane Borer (*Agrilus aurichalceus*). (2016). Retrieved from <http://missoulaeduplace.org/rosetemgirdlers.html>