





Technical Bulletin for: Maple Borer

Synanthedon acerrubri (Engelhardt) • Lepidoptera, Sesilidae • SACERR



DISTRIBUTION	Eastern United States and Canada
HOSTS	Various species of maple and boxelder, mainly Red and Sugar Maple.
DESCRIPTION	
Adult Moth	Forewing length: 6-10 mm. Wingspan 16-18 mm in males and 18-22 mm in females. Wings transparent with black scales along veins. Head black with silver white markings, orange palpi and collar, thorax violet black, pale yellow beneath. Abdomen bluish violet.
Larvae	Deeply segmented, dull white body with wide brown head. Can grow up to 12 mm long
Eggs	
LIFE HISTORY	Completes entire life cycle within a year. Adults emerge mostly during March and June. Eggs deposited around wounds or scars on bark. Larvae bore into branches near or at wound sites, mining inner bark and etching sapwood, but no galleries created. Overwinter in burrows and resume feeding in spring.

MONITORING INFORMATION

LURE ACTIVE INGREDIENTS, SUBSTRATE & FIELD LIFE	E2-Z13-18Ac and E3-Z13-18Ac in a Red Rubber Septum. Lure longevity: Thirty (30) days.	
TRAP TO USE	Paper/Plastic Delta Trap	
MONITORING STRATEGY	Hang traps near affected trees March through June.	
CULTURAL & PHYSICAL CONTROL	Check health of trees, remove and destroy seriously infested areas of the trunk or branches, and wounds should be painted with tree wound paint. Artificial control in forests is usually not feasible	

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