

Pest Profile



Photo Credits: [Joseph LaForest](#), University of Georgia, Bugwood.org; [David Cappaert](#), Bugwood.org

Common Name: Basswood Leaf Miner

Scientific Name: *Baliosus nervosus*, *Baliosus ruber* synonym

Order and Family: Coleoptera: Chrysomeloidea

Size and Appearance:

	Length (mm)	Appearance
Egg		
Larva/Nymph	6mm	Brownish-red head and thorax with white abdomen.
Adult	7mm	Reddish-yellow with dark markings and have textured elytra (outer wings). Body shape is broad, flat, and wedge shaped.
Pupa (if applicable)		

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

Host plant/s: Basswood, oak, maple, willow, birch, hophornbeam, apple, and cherry.

Description of Damage (larvae and adults): Adult Basswood Leaf Miners feed on the outer leaf surface, skeletonizing the leaf tissue. Females oviposit between the outer layers of the leaves. When the larvae hatch, they create mines in a blotch pattern by feeding between the upper and lower dermal layers. When infestations are severe, entire leaves may appear skeletonized as the tissues dry up.

References:

Cranshaw, W. (2004). Garden insects of North America: The ultimate guide to backyard bugs. Princeton, NJ: Princeton University Press.

Insects of Eastern forests. (1985). Washington, D.C.: U.S. Dept. of Agriculture, Forest Service.

Young, C. E. (2015). *Leafminers "Flaming" Host Trees*. Retrieved from <http://bygl.osu.edu/content/leafminers-flaming-host-trees-0>