

Pest Profile



Photo credit: Tom Murray, PBase.com (Egg Mass)
Ken Lebo, PBase.com (Adult)

Common Name: Two-marked Treehopper

Scientific Name: *Enchenopa binotata*

Order and Family: Hemiptera; Membracidae

Size and Appearance:

	Length (mm)	Appearance
Egg		<ul style="list-style-type: none"> Eggs are covered with a frothy white substance that later turns brown Eggs are placed inside the twigs of the host plant
Larva/Nymph	~2mm	<ul style="list-style-type: none"> Significantly smaller than adults Ghostly pale white-gray color over some brown coloration This species covers them in a frothy white substance
Adult	Males: 7-7.5mm Females: 8-9mm	<ul style="list-style-type: none"> Small Brown-black in color Two yellowish colored dorsal spots Brown to Reddish-Brown colored eyes and forewings Front two pairs of legs are broad and flattened while the back pair of legs are thin and spined
Pupa (if applicable)		

Type of feeder (Chewing, sucking, etc.): Both larvae and adults have sucking mouthparts

Host plant/s: Common Hoptree, nut trees, black locust, viburnum, Eastern redbud, American bittersweet, black walnut, and nannyberry.

Description of Damage (larvae and adults): Nymphs and adults alike feed by sucking the juices of the stems of the host plants, resulting in honeydew that allows fungus sooty mold to grow and turn the plant blackish in color. Severe infestations can result in reduced plant health with the death of twigs and branches. Also, slits are cut into the bark by the female's saw-like ovipositor in order to lay eggs.

References:

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