

Pest Profile



Photo credit: Pests and Diseases Image Library, Bugwood.org (*Pemphigus bursarius*)

Common Name: Petiole gall Aphids

Scientific Name: *Pemphigus* spp.

Order and Family: Hemiptera, Aphididae

Size and Appearance:

	Length (mm)	Appearance
Egg	1mm	Large size compared to the laying female.
Larva/Nymph	1-1.5mm	Nymphs resemble adults only smaller in size.
Adult	2mm	Pale green with dark thorax and covered with a waxy substance. Short thread like antennae. Lack cornicles.
Pupa (if applicable)		

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

Host plant/s: Aspen, cottonwood, and other *Populus* spp. trees in winter, alternating with annual herbaceous host plants in summer.

Description of Damage (larvae and adults): Galls are formed at the base of the leaf blade or on the petiole. Galled leaves fall prematurely. Severe infestations can make a tree unsightly, but usually don't damage the host tree.

References:

(2011). Petiolegall Aphids. Retrieved from
www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5351722.pdf