

# Pest Profile



**Photo credit:** Whitney Cranshaw, Colorado State University, Bugwood.org

**Common Name:** Carrot-Willow Aphid

**Scientific Name:** *Cavariella aegopodii*

**Order and Family:** Hemiptera, Aphididae

**Size and Appearance:**

	Length (mm)	Appearance
<b>Egg</b>		Shiny and black
<b>Larva/Nymph</b>		
<b>Adult</b>	1.5-2.8 mm	Greenish or reddish in color
<b>Pupa (if applicable)</b>		

**Type of feeder (Chewing, sucking, etc.):** Piercing/sucking mouthparts for feeding on plant juices.

**Host plant/s:** Carrot-willow aphids use two different types of plants as a host. Primary overwintering hosts include willow trees in the genus *Salix*. Secondary hosts include umbellifers such as carrots, fennel, parsnip, and parsley.

**Description of Damage (larvae and adults):** Although the carrot-willow aphid rarely reaches population levels requiring treatment, the species is a vector of various viral diseases. Viruses include carrot motley dwarf, carrot red leaf, parsnip yellow fleck, celery mosaic virus, sugar beet mosaic virus, and cauliflower mosaic virus.

**References:**

Dransfield, B. & Brightwell, B. (N.D.). *Cavariella aegopodii*- Carrot-willow aphid. Influentialpoints.com. [http://influentialpoints.com/Gallery/Cavariella\\_aegopodii\\_Willow-carrot\\_aphid.htm](http://influentialpoints.com/Gallery/Cavariella_aegopodii_Willow-carrot_aphid.htm)

Gratwick M. (1992) *Willow—carrot aphid*. In: Gratwick M. (eds) *Crop Pests in the UK*. Springer, Dordrecht

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