

Pest Profile



Photo credit: [Cheung, D.K.B.](#) permission granted; [Walter Siegmund](#)

Common Name: Juniper tip midge

Scientific Name: *Oligotrophus betheli*

Order and Family: Diptera: Cecidomyiidae

Size and Appearance:

	Length (mm)	Appearance
Egg	.27 mm	Red-orange, shiny, elongate, tapered at the ends.
Larva/Nymph	.75 mm	Small, legless maggots. Light yellow in color. Paired spiracles on abdominal segments 1 through 9.
Adult	1.5 mm	Small, delicate mosquito like fly. Males are straw-brown in color, and females may appear red when full of eggs.
Pupa (if applicable)	1.17 mm in	Light orange in color turning to dark brown or black.

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

Host plant/s: Plants in the *Juniperus* genus

Description of Damage (larvae and adults): Larvae feed in the tips of new shoots, causing them to swell and form green galls. Galls may turn brown or red after the larvae has left.

References:

Appleby, J. E. and R. B. Neiswander. (1966). Life History and Control of the JUNIPER TIP MIDGE, *Oligotrophus apicis*. OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER. Retrieved 3 March 2016, from <http://kb.osu.edu/dspace/bitstream/handle/1811/62785/OARDC_research_bulletin_n0980.pdf?sequence=1>.