

Pest Profile



Photo credit: [Whitney Cranshaw](#), Colorado State University, Bugwood.org

Common Name: Elm Leafminer

Scientific Name: *Kalioenusa ulmi*, *Fenusa ulmi*

Order and Family: Hymenoptera: Tenthredinidae

Size and Appearance:

	Length (mm)	Appearance
Egg		
Larva/Nymph	~4mm	Legless, feeds between the epidermal tissue layers.
Adult	~4mm	Black fly-like wasp, deposits eggs into leaves of elm trees.
Pupa (if applicable)		

Type of feeder (Chewing, sucking, etc.): Mining (internal boring) within the leaf epidermal tissue.

Host plant/s: The elm leafminer feeds primarily on English elm, American elm and elm hybrids.

Description of Damage (larvae and adults): Elm leafminer eggs are deposited inside the epidermal layer of the leaves in late spring. The larvae mine through the leaves in a serpentine pattern and eventually drop to the ground and pupate. The adults do not cause any feeding damage.

References:

Cranshaw, W. (2004). *Garden Insects of North America: The Ultimate Guide To Backyard Bugs*. Princeton, NJ: Princeton University Press.

Elm leafminer (2016). Pacific Northwest Insect Management Handbook - Retrieved from: <http://insect.pnwhandbooks.org/hort/landscape/hosts-and-pests/elm-ulmus-elm-leafminer>

Elm leafminer (2012) Bugguide.net. Retrieved from: <http://bugguide.net/node/view/614159>