



Pest Profile



Photo credit: James Solomon USDA Forest Service, Bugwood.org

Common Name: Pecan carpenterworm

Scientific Name: *Cossula magnifica*

Order and Family: Lepidoptera and Cossidae

Size and Appearance:

	Length (mm)	Appearance
Egg		
Larva/Nymph		Larvae are reddish in their early instars. Medium-sized are pinkish in color.
Adult	Wingspan: 3.2-4.5 cm	Forewing gray and white with tiny black vertical dashes. Elliptical brown terminal patch set off by dark brown st. line. Hindwing dark grayish brown.
Pupa		

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

Host plant/s: Pecan, oaks, persimmon, and hickories.

Description of Damage (larvae and adults):

The damage is done when larvae burrow tunnels into twigs. Larger larvae move down the trunk of the tree where they excavate tunnels up to 10 inches in length. Continual feeding may cause small branches to die and fall off.

References:

Cranshaw, W. (2004). *Garden insects of North America: The ultimate guide to backyard bugs*. Princeton, NJ: Princeton University Press.

(n.d.) Forest Pest Insects In North America: a Photographic Guide. Retrieved from <http://www.forestpests.org/vd/2142.html>