

Pest Profile



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Common Name: Cabinet Beetle, Warehouse Beetle

Scientific Name: *Trogoderma inclusum*

Order and Family: Coleoptera: Dermestidae

Size and Appearance: Adult cabinet beetles are about 3.5 mm long and can vary in color but are generally darker brown. Hairs cover the body surface, giving the beetles a mottled look. The head is not visible from dorsal view, and has compacted antennae. Larvae are about 8 mm in length and can vary from yellow to dark brown depending on instar.

	Length (mm)	Appearance
Egg	0.1 mm in length	5-129 white, round eggs are laid randomly on material female is currently feeding on.
Larva/Nymph	1-8 mm in length depending on instar	Dark brown, segmented in appearance, small brownish hair covering body. 8-12 molts.
Adult	8 mm long	Dark brown with hairs covering body. Mottled appearance. Compacted antennae, head not visible from dorsal view.
Pupa (if applicable)	7-10 mm long	Pupates in last larval skin within infested material.

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

Host food product/s: *Trogoderma inclusum* feeds on a variety of animal products including furs, hides, leather, and museum specimens. They will also feed on clothing, stored food, and plant materials.

Description of Damage (larvae and adults): Cabinet beetles' feeding results in damage on the outer surface of hides and loosened hairs on furs. With museum specimens, frass and molts beneath the

specimen is an indicator of their presence. Shed molts and insect parts from cabinet beetles have been known to cause allergic reaction in those with asthma or sensitive individuals.

References:

Smith, E.H. and Whitman, R.C. (2007). Fabric and Paper Pests- Cabinet Beetle. In *NPMA Field Guide of Structural Pests*. (5.4.2). National Pest Management Association International.

Hahn, J., Jesse, L., Pellitteri, P. (2011). Insect Pests of Stored Foods. University of Minnesota Extension, Insects. Retrieved July 24th, 2016 from <http://www.extension.umn.edu/garden/insects/find/insect-pests-of-stored-food/>