

Pest Profile



Photo credit: Daniel R. Suiter, University of Georgia, Bugwood.org

Common Name: Brown-banded Cockroach

Scientific Name: *Supella longipalpa*

Order and Family: Blattodeae, Ectobiidae (formerly Blattellidae)

Size and Appearance:

	Length (mm)	Appearance
Egg	Egg case (ootheca)- 5mm	Yellowish to reddish-brown in color containing roughly 18 eggs
Larva/Nymph		Similar to adults but lacking wings
Adult	Males- 13-14.5mm Females- 10-12mm	Dark brown color with two prominent light brown bands on anterior part of abdomen. Males have wings that extend full length of abdomen and females have shortened wings inhibiting them from flight.
Pupa (if applicable)		

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

Host plant/s: Brown-banded cockroaches feed on a variety of substances such as glue, paper products, clothes, animal residues and tend to be opportunistic feeders.

Description of Damage (larvae and adults): Brown-banded cockroaches are domestic pests that tend to be dispersed throughout homes that are infested. They are opportunistic feeders and will eat most anything including paper goods such as wallpaper. As a public health concern, contamination from feces, body parts and shed skins are a common cause for allergies and increased incidences of asthma. These roaches can mechanically transmit pathogens from contact from their bodies.

References:

Le Guyader, A., Rivault, C., & Chaperon, J. (1989). Microbial organisms carried by brown-banded cockroaches in relation to their spatial distribution in a hospital. *Epidemiology & Infection*, 102(3), 485-492.

Jacobs, S. (2013). Brown-Banded Cockroaches. *Insect Advice from Extension*. Pennsylvania State University. <https://ento.psu.edu/extension/factsheets/brown-banded-cockroaches>

Jiang, S., & Lucky, A. (2016). Brown-banded cockroach- *Supella longipalpa*. *Featured Creatures*. University of Florida. https://entnemdept.ifas.ufl.edu/creatures/URBAN/roaches/brown-banded_cockroach.htm