

Beneficial Species Profile



Photo credit: Brytten Steed, USDA Forest Service, Bugwood.org

Common Name: Clerid Beetle/ Checkered Beetle

Scientific Name: *Enoclerus* spp. (*lecontei* pictured)

Order and Family: Coleoptera: Cleridae

Size and Appearance: Typically, brightly patterned or having a “checkered” appearance. They have short bristly hair covering their bodies. Antennae appear clubbed.

	Length (mm)	Appearance
Egg		Laid in large numbers at once, typically underneath tree bark;
Larva/Nymph		Grub-like in appearance, cream-colored
Adult	3-12mm	Typically, brightly patterned or having a “checkered” appearance. They have short bristly hair covering their bodies. Antennae appear clubbed.
Pupa (if applicable)		Similar to the last instar of immature, with appendages “glued” to the body

Type of feeder (Chewing, sucking, etc.): Chewing mouthparts as both an immature and adult.

Host/s: Typically found in or near dead or decaying wood as both a larvae and adult.

Description of Benefits (predator, parasitoid, pollinator, etc.): Predatory as both an immature and adult, including destructive pine beetles. Can be parasitoids of specific species.

References:

Borror, D. J., & White, R. E. (1970). *A field Guide to Insects of North America* (The Peterson Field Guide Series). New York, NY: Houghton Mifflin Company.

Cranshaw, W., & Kondratieff, B. C. (2006). *Guide to Colorado Insects*. Englewood, CO: Westcliffe.

Milne, L. J., & Milne, M. J. (1980). *The Audubon Society field guide to North American insects and spiders*. New York: Knopf.

Triplehorn, C. A., Johnson, N. F., & Borror, D. J. (2005). *Borror and DeLong's introduction to the study of insects* (7th ed.). Belmont, CA: Thompson Brooks/Cole.

Williams, M. (2008, September/October). *Systematic Entomology Lecture*. Lecture presented at Auburn University, Auburn, AL.