

Key to Genera of Derodontidae of South Carolina

(Adapted from Leschen 2002)

- 1 Dorsal surface setose; tarsi 4-4-4 with tarsomeres 1-3 strongly bilobed below *Laricobius*
Dorsal surface glabrous; tarsi 5-5-5 with tarsomeres 1-3 filiform *Derodontus*

Leschen, R. A. B. 2002. Derodontidae, pp. 221-223. In Arnett, R. H., Jr., M. C. Thomas, P. E. Skelley, and J. H. Frank, eds.

American beetles. Volume 2. Polyphaga: Scarabaeoidea through Curculionoidea. CRC Press, New York.

Key to Species of *Derodontus* of South Carolina

(adapted from Lawrence and Hlavac 1979)

- 1 Sides of pronotum each with prominent, posteriorly curved tooth at apical third; parameres each with larger and more abrupt mesal notch near apex; median lobe 1.4 times as long as basal piece with long basal struts; length 2.5-3.0 mm *D. maculatus* (Melsheimer)
Sides of pronotum each with several shorter teeth, none of which curves posteriorly; parameres each with smaller and less abrupt mesal notch near apex; median lobe 1.1 times as long as basal piece, with short basal struts; length 1.8-2.7mm *D. esotericus* Lawrence

Lawrence, J. F. and T. F. Hlavac. 1979. Review of the Derodontidae (Coleoptera: Polyphaga) with new species from North America and Chile. Coleopterists Bulletin 33:369-414.

Key to Species of *Laricobius* of South Carolina

(adapted from Havill et al. 2011)

- 1 Elytra black; pronotum with width of basal margin greater than width of anterior margin; male genitalia with apices of parameres narrowly acute *L. nigrinus* Fender
Elytra bicolored red and black; pronotum with width of anterior and posterior margins subequal; male genitalia with apices of parameres truncate *L. rubidus* (LeConte)

Havill, N, G. Davis, M. Fischer, S. Salom, D. Mausel, and B. Onken. 2011. Chapter 21: The introduction of *Laricobius nigrinus* as a biological control agent for the hemlock woolly adelgid: Is there a threat to the native congener? Pp. 212-221. In Onken, B., and R. Rearden, eds. Implementation and status of biological control of the hemlock woolly adelgid. Forest Service, Forest Health Technology Team, U. S. Dept. Of Agriculture FHTET-2011-04, Morgantown, West Virginia.