

Key to Genera of Cerylonidae of South Carolina

(Thomas 2002)

- 1 Frontoclypeal suture present; maxillary palpomere 4 at least twice as long as and more than half as wide as 2, which is shorter than or subequal to 2; abdominal sternum 5 not or very finely crenulate 2
Frontoclypeal suture absent; maxillary palpomere 4 aciculate, shorter than and less than half as wide as 3, which is longer than 2; apex of abdominal sternum 5 markedly crenulate 4
- 2(1) Front coxal cavities closed behind; length at least 2 mm; body oval and highly convex, with smooth, even lateral edges and no antennal cavities *Hypodacne punctata* LeConte
Front coxal cavities open behind; length less than 1.5 mm; other characters various but not as above 3
- 3(2) Antennal cavities of prothorax dorsal, easily visible from above; antennae with ten antennomeres; body markedly convex; elytral punctures striate *Murmidius ovalis* (Beck)
Antennal cavities of prothorax ventral, not visible from above; antennae with fewer than ten antennomeres; body flattened or elytral punctation confused *Mychocerus depressus* (LeConte)
- 4(1) Prothorax with large ventral antennal cavities situated laterally and formed primarily from the hypomera; metasternum and abdominal sternum 1 with femoral lines; antennae with eight antennomeres *Mychocerus striatus* (Sen Gupta and Crowson)]
Prothorax without antennal cavities, or with much small mesal cavities formed entirely from prosternum; metasternum and abdomen without femoral lines; antennae with ten or eleven antennomeres 5
- 5(4) Front coxal cavities open behind or narrowly closed, the postcoxal bridge at apex less than one-fourth as wide as cavity; prosternal process not widened behind; mesosternum concave; antennae with 11 antennomeres, club with one or two; lateral margins of elytra visible from above for their entire length *Philothermus*
Front coxal cavities broadly closed behind, the postcoxal bridge more than half as wide as cavity; prosternal process markedly widened posteriorly; mesosternum flat or slightly convex; antennae with ten antennomeres, club of only one; lateral margins of elytra not entirely visible from above *Cerylon castaneum* Say

Thomas, M. C. 2002. Cerylonidae. pp. 363-365. 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.

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