

Key to Genera of Lycidae of South Carolina

(adapted from Arnett 1960 and Green 1949-53)

- 1 Head rostrate; pronotum with a short longitudinal carina at apex of disc [*Lyconotus lateralis*](#) Melsheimer
 Head not rostrate; pronotum various..... 2
- 2(1) Elytral costae feeble or indistinct, the fourth obliterated basally; intervals not reticulate
 [*Calochromus perfacetus*](#) (Say)
 Elytral costae well-defined; intervals reticulate 3
- 3(2) Pronotum with two or more longitudinal carinae on disc 4
 Pronotum with or without a single longitudinal carina on disc 7
- 4(3) Longitudinal carinae of pronotum entire, confluent at base and apex, and enclosing a central diamond-shaped cell 5
 Longitudinal carinae not entire, central cell not diamond-shaped..... 6
- 5(4) Elytron with four raised costae; reticulation in ten rows of cells [*Dictyoptera*](#)
 Elytron with three raised carinae, reticulation in eight rows of cells [*Benibotarus thoracicus*](#) (Randall)
- 6(4) Frons normally deflexed, not produced or transversely carinate; pronotum wider than long, sides convergent
 from base to apex..... [*Eros humeralis*](#) (Fab.)
 Frons acutely produced, transversely carinate between antennae; pronotum subrectangular, anterior half
 of sides parallel..... [*Erotides sculptilis*](#) (Say)
- 7(3) Pronotum without carinae, with median longitudinal impression [*Plateros*](#) spp.
 (identification of males based on genitalia)
 Pronotum with at least a short carina on disc..... 8
- 8(7) Longitudinal carina of pronotum apical and short, oblique carina each side [*Eropterus*](#)
 Longitudinal carina of pronotum entire 9
- 9(8) Antenna subserrate, compressed; elytra not broadly expanded..... [*Lopheros*](#)
 Antenna markedly compressed, serrate or flabellate; elytra of many species broadly expanded 10
- 10(9) Apical maxillary palpomere large and markedly transverse; antennae serrate in both sexes [*Calopteron*](#)
 Apical maxillary palpomere longer than wide; antennae flabellate in male, serrate in female 11
- 11(10) Apical labial palpomere transverse, broadly triangular, apically minutely digitate; mesosternum with entire
 longitudinal median impression; elytra broadly expanded, each with four discal costae; intervals with
 double row of cells [*Caenia dimidiata*](#) (Fab.)
 Apical labial palpomere longer than wide; mesosternum not impressed; elytra slender, each with three discal
 costae; intervals with single row of cells [*Leptoceteles basalis*](#) (LeConte)

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