

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 [*Greenarus 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 [*Leptoceletes basalis*](#) (LeConte)

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