

# 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 ..... [\*Leptoceletes basalis\*](#) (LeConte)

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