

## Key to Genera of Dermestidae of South Carolina

(adapted from Kingsolver 2002)

- 1     Antenna without apical club; abdomen with seven visible sterna; female larviform (without elytra or hind wings);  
       testaceous with pale setae ..... [\*Thyodrias contractus\*](#) Motschulsky  
 Antenna with apical club; abdomen with five visible sterna; elytra present in both sexes; color various..... 2
- 2(1) Dorsal surface glabrous; front legs in repose completely covering antennae within antennal fossae; metacoxal plate  
       extended to sides of body..... [\*Orphilus ater\*](#) Erichson  
 Dorsal surface covered with long or short setae or scales; front legs in repose not covering antennae in antennal fossae;  
       metacoxal plate not extended to sides of body ..... 3
- 3(2) Pronotum with sublateral carinae extended from base nearly to anterior margin, mesal side of each carina depressed or  
       somewhat sulcate; small (<2.5 mm long), strongly convex, covered with moderately long, erect setae  
       ..... [\*Apsectus hispidus\*](#) (Melsheimer)  
 Pronotum without carinae; size and vestiture various..... 4
- 4(3) Head without ocellus; length 5.5-12.0 mm; front coxae large and contiguous at apices ..... [\*Dermestes\*](#)  
 Head with median ocellus; length < 5.5 mm; front coxae not contiguous at apices ..... 5
- 5(4) Hind tarsomere 1 much shorter than 2, 2 very long; metacoxal plate bearing a distinct tooth or distinctly broadened  
       lateral to insertion of femur ..... [\*Attagenus\*](#)  
 Hind tarsomere 1 as long as or longer than 2; metacoxal plate with margins subparallel or gradually narrowed laterally ..... 6
- 6(5) Vestiture of flat, conspicuously colored scales ..... [\*Anthrenus\*](#)  
 Vestiture of setae, some of which may be slightly ensiform (having sharp edges and tapering to a slender point)  
       but never scale-like ..... 7
- 7(6) Antennal fossae broadly open behind, posterior margin of fossa with or without a medial tumescence but never  
       with a distinct carina; mesosternum with median sulcus becoming very shallow or obliterated posteriorly;  
       dorsal surface black or piceous with short dark setae; middle coxae narrowly separated ..... [\*Dearthrus longulus\*](#) LeConte  
 Antennal fossa partially or completely closed behind or margined behind by a knifelike or threadlike carina;  
       mesosternum deeply divided by sulcus at posterior margin; middle coxae widely separated; color various ..... 8
- 8(7) Antennal club with two antennomeres ..... 9  
 Antennal club with three or more antennomeres..... 10
- 9(8) Antennal club elongate or oval in outline; penultimate antennomere longer than terminal ..... [\*Cryptorhopalum\*](#)  
 Antennal club nearly circular in outline; penultimate antennomere equal to or shorter than terminal  
       ..... [\*Orphinus fulvipes\*](#) (Guérin-Ménéville)
- 10(9) Antennal fossa at least partly enclosed behind by knifelike carina; metepisternum without transverse stria  
       near anterior margin; color various ..... [\*Trogoderma\*](#)  
 Antennal fossa appearing broadly open behind but posterior margin marked by low threadlike carina;  
       metepisternum with transverse stria close to anterior margin; head, pronotum, scutellar area and elytral  
       suture black, rest of elytra more or less red ..... [\*Reesa vespulae\*](#) (Milliron)