

BETLES (Coleoptera)

SNOUT BEETLES, Family Curculionidae p. 202

Head usually with a well-developed *snout*; antennae *clubbed* and nearly always *elbowed*; palps small and rigid, often concealed within mouth.

BROAD-NOSED WEEVILS, Subfamily Thylacitinae p. 202

Beak *short, squarish*, often widened toward tip; mandibles with a small cusp that breaks off and leaves a scar; grooves in beak for antennae bent down at rear end; basal antennal segment at rest passes below eye.

1. *Scythropus elegans* (Couper); N. America.

Subfamily Cyladinae p. 202

Antlike, 5-6 mm.; pronotum reddish, FW blue-black; antennae *not elbowed, last segment long and swollen*.

2. SWEETPOTATO WEEVIL, *Cylas formicarius elegantulus* (Summers), ♂; Florida to Texas.

LEAF BEETLES, Family Chrysomelidae p. 198

Body usually oval; generally less than 12 mm.; antennae usually less than half as long as body; tarsi *apparently 4-4-4, actually 5-5-5* (4th segment very small).

Subfamily Eumolpinae p. 199

Oval, convex; front coxae rounded; 3rd tarsal segment *bilobed*.

3. *Colaspis oregonensis* (Crotch); n. Calif. to Oregon.
4. DOGBANE BEETLE, *Chrysochus auratus* (Fabricius); e. U.S.

LEAF-MINING LEAF BEETLES, Subfamily Hispininae p. 198

FW with ridges between which are *rows of punctures*; body parallel-sided or wider toward rear.

5. *Microhopala vittata* (Fabricius); e. U.S.

CASE-BEARING LEAF BEETLES, p. 198

Subfamily Cryptocephalinae

Cylindrical; head *buried in prothorax to eyes*; last abdominal segment *exposed*; FW smooth; antennae *threadlike*.

6. *Cryptocephalus cuneatus* Fall; Georgia, Florida.

TORTOISE BEETLES, Subfamily Cassidinae p. 198

Broadly oval to nearly circular, body expanded and flattened; head largely concealed from above; legs *short*.

7. *Hemisphaerota cyanea* (Say); Georgia, Florida.

Subfamily Criocerinae p. 200

Pronotum rounded on sides, *narrower than FW at base*; punctures of FW in rows; head narrowed behind.

8. *Lema balteata* LeConte; Ariz.

Subfamily Chrysomelinae p. 200

Oval, convex; antennae widely separated at base; front coxae oval or transverse; 3rd tarsal segment *not bilobed*; pronotum with sharp side edges.

9. *Calligrapha serpentina* (Rogers); sw. U.S.

