

Key to Genera of Throscidae of South Carolina

(adapted from Johnson 2002)

- 1 Metasternum with a deep oblique tarsal sulcus.....*Aulonothroscus* (see below)
Metasternum without sulcus.....*Trixagus* (see below)

Key to Species of *Aulonothroscus* of South Carolina

(adapted from Blanchard 1917)

- 1 Eyes entire; prosternal striae more or less abbreviated; head not carinate.....2
Eyes emarginate; prosternal striae entire; head bicarinate in front.....7
- 2(1) Prosternal striae more strongly abbreviated; length 2.9-3.9 mm.....3
Prosternal striae nearly entire; length 1.8-3.3 mm.....5
- 3(2) Prosternal striae parallel; setation very fine.....*A. punctatus* (Bonvouloir)
Prosternal striae divergent anteriorly; setation coarser.....4
- 4(3) Form very elongate; prosternal striae more divergent; antennal club similar in the sexes; length 3.5-3.7 mm
.....*A. parallelus* Blanchard
Form shorter; antennal club in male much broader than in female; length 2.9-3.5 mm.....*A. teretrius* Blanchard
- 5(2) Antennae and eyes differing in the sexes; length 3.0 mm.....*A. calocerus* (Bonvouloir)
Antennae and eyes alike in the sexes; length 1.8-3.3 mm.....6
- 6(5) Pronotum strongly impressed each side at base; punctures coarse; length 2.0-3.3 mm.....*A. constrictor* (Say)
Pronotum finely impressed at base; punctures and elytral striae extremely fine; length 1.8 mm.....*A. detritus* Blanchard
- 7(1) Eyes with a small semicircular emargination; cephalic carinae distant, convergent toward the clypeus but not united,
thence slightly divergent on the frons; length 2.6-3.0 mm.....*A. distans* Blanchard
Eyes deeply triangularly emarginate; cephalic carinae approximate, convergent and confluent in front, thence
divergent on the frons; length 1.7-2.5 mm.....*A. convergens* (Horn)

Key to Species of *Trixagus* of South Carolina

(adapted from Yensen 1980)

[Unable to locate ranges, so may include western or northern species]

- 1 Eyes less than one-half divided by eye sclerite; head not carinate.....2
Eyes more than one-half divided by eye sclerite; head carinate or not.....4
- 2(1) Lateral carina of pronotum extended forward 0.75-0.90 distance from hind angle to anterior margin.....*T. horni* (Blanchard)
Lateral carina of pronotum extended less than 0.50 distance from hind angle to anterior margin.....3
- 3(2) Lateral carina of pronotum present.....*T. auctus* (Horn)
Lateral carina of pronotum absent.....*T. trivialis* (Horn)
- 4(1) Eyes small, fewer than 40 facets anterior to eye sclerite; prosternal carina incomplete anteriorly; setation very
short, appressed.....*T. sericeus* (LeConte)
Eyes large, more than 40 facets anterior to eye sclerite; prosternal carina complete; setation usually of two lengths.....5
- 5(4) Elytra widest at middle; pronotum less than twice as wide as long; scutellum as long as wide.....*T. chevrolati* (Bonvouloir)
Elytra widest at base; pronotum twice as wide as long; scutellum longer than wide.....*T. carinicollis* (Schaeffer)