

Subfamily Bolitophaginae: Keys

(underlined terms are defined to the right)

Key F

Key to the Florida genera [including species] of Bolitophagini

- 1. Tarsal formula 4-4-4... *Rhipidandrus* LeConte (see Key G)
- 1'. Tarsal formula 5-5 4.....2

- 2. Antennae ten-segmented, third elongate.....
.....*Bolitotherus* Candèze [*cornutus* (Panzer)] (Figs. 2,3)
- 2'. Antennae eleven segmented.....
.....*Bolitophagus* Illiger [*corticola* Say] (Fig. 1)

Elytra-the forewings of beetles

Key G

Key to the Florida species of *Rhipidandrus* LeConte

- 1. Elytra dark brown to black; length 2 mm.....
.....*paradoxus* (Palisot) (Fig. 5)
- 1'. Elytra light brown; length 3 mm.....
.....*fulvomaculatus* (Dury) (Fig. 4)

Subfamily Bolitophaginae: Species Profiles



Fig. 1: *Bolitophagus corticola* Say

Length: 6.5-8.5 mm

Habitat: Under bark, bracket fungi

Comments: Smaller than *B. cornutus*, males do not have horns



Fig. 2: *Bolitotherus cornutus* Panzer (male)

Length: 7.5-12 mm

Habitat: On woody bracket fungi on decaying stumps

Comments: Teichert (1999) first recorded flight for this beetle



Fig. 3: *Bolitotherus cornutus* Panzer (female)

Length: 7.5-12 mm

Habitat: On woody bracket fungi on decaying stumps

Comments: Teichert (1999) first recorded flight for this beetle



Fig. 4: *Rhipidandrus fulvomaculatus* (Dury)

Length: 2.0-2.8 mm

Habitat: On fungi on decaying trees

Comments: Tarsal formula 4-4-4; 3 spp. in U.S.; genus needs revision



Fig. 5: *Rhipidandrus paradoxus* (Beauvois) (male)

Length: 2.0-2.8 mm

Habitat: On fungi on decaying trees

Comments: Tarsal formula 4-4-4; 3 spp. in U.S.; genus needs revision