

***Acanthostichus brevinodis* new species**

Figs. 67, 68; Map 9, p. 49

Description.

Worker: Unknown.

Female: Unknown

Male: Measurements and characters within the range of the general description of males.

Discussion. Similar to *A. fuscipennis*, except the petiole is very short (Fig. 68) and truncate anteriorly. Occasionally the anterior edge of the node of the petiole is somewhat higher than the remainder of the petiole. It lacks the bluish reflections of *A. fuscipennis*. This is a very distinct, small species in which the shape of the petiole (Fig. 67) easily distinguishes it from all other described species. This species does not represent the undescribed male of any other species as it is a member of the *brevicornis* species complex and the males of all of the species which share the distribution are known.

Distribution. Brazil (Map 9).

Type series. Holotype male (MZSP) and 2 paratype males (BMNH, MCZC), BRAZIL, MT. Sinop 55° 37' W 12° 31' S, x - 1974, Alv. & Roppa, #12673 [all seen].

Material examined. BRAZIL: Amazonas, ZF3, Km41, Res. 41 WWF, 27-ii-1994, F. Benton leg (1 male CPCB), Mato Grosso, Sinop (3 males of type series), Itaum, iii - 1974, M. Alvarenga, # 10865 (2 males MZSP); Mato Grosso do Sul, 16 K W Ivinheima, x - 16 - 1989, S. Porter (1 male CWEM), Vila Vera, x-1973, M. Alvarenga, # 10534 (3 males MZSP, locality could not be found and is not plotted on Map 9); Rondônia, Vilhena, xi - 1973, M. Alvarenga, #10596 (MZSP 1 male).

Biology. Unknown, most specimens appear to have been captured in light traps, as moth scales are often attached. The male captured by Porter was loose on the ground in daylight.

Etymology. From Latin, brevis (short) and nodus (knot, swelling), referring to the short node of the petiole.

***Acanthostichus concavinodis* new species**

Fig. 21; Map 10, p. 49

Description.

Worker: HL 0.94 - 1.19, HW 0.85 - 1.10, SL 0.49 - 0.60, SW 0.18 - 0.21, EL 0.04 - 0.05, WL 1.19 - 1.41, PW 0.41 - 0.54, PL 0.43 - 0.49, SI 51 - 52, CI 93 - 110, PI 91 - 103, SL/SW 2.79 - 2.82. Mandibles without teeth or denticles; anterior border of clypeus slightly indented, with blunt tooth or rounded swelling offset to one side or other, lateral clypeal