

immediately dorsal of coxae and coxae slightly darker; petiole and gaster dark reddish brown. Elongate (greater than maximum scape width), pale erect hairs present on posterior margin of head and dorsal surfaces of mesosoma; shorter pale erect hairs present on all lateral surfaces of head (including posterior) and dorsal angle of petiolar node; short pale suberect hairs present on all surfaces of legs; scape and dorsum of gaster without erect hairs; psammophore weakly developed, setae straight. For additional characters, see 'Worker Diagnosis', 'Key' and the definition and discussion of the *viridigaster* complex.

Measurements

Holotype. CI 0.95; EL 0.32; EW 0.18; HL 1.40; HTL 1.50; HW 1.33; ML 0.55; PnL 0.76; PpL 0.72; REL 0.24; SI 0.77; SL 1.03.

Comments

This distinctive species is known from only a single specimen collected in eastern South Australia (Fig. 38). Nothing is known of its biology.

Iridomyrmex anteroinclinus, sp. nov.

(Figs 28, 29, 37)

Material Examined

Holotype. Worker, Western Australia, King Edward River, Kimberley region, 15°08'50"S., 126°08'40"E., June 1988, A. N. Andersen (ANIC, type no. 7989).

Paratypes. 1 worker, Western Australia, Cape Bernier, Kimberley region, 14°07'S., 127°31'E., June 1988 (ANA) (ANAC); 1 worker, Western Australia, Mining Camp, Mitchell Plateau, 14°49'S., 125°50'E., 9–19.v.1983, I. D. Naumann and J. C. Cardale (ANIC).

Worker Diagnosis

A member of the *rufoinclinus* complex with the following characteristics: head, pronotum and fore legs infuscated and varying from light to dark reddish brown, remainder of mesosoma and petiole reddish and distinctly lighter in colour; propodeum moderately high and convex (Fig. 29); CI ≥ 1.00 .

Description

Pigment colour of head dark reddish brown; mandibles and scapes reddish brown, lighter than remainder of head; pronotum, fore legs and coxae of middle and hind legs varying from similar in colour to the head to light reddish brown; mesonotum, propodeum, petiole and femora and tibiae of middle and hind legs reddish, lighter in colour than pronotum; gaster dark reddish brown. Elongate (greater than maximum scape width), pale erect hairs present on posterior surfaces of head and dorsal surfaces of mesosoma, petiole and gaster; shorter pale erect hairs present on lateral margin of head and all leg segments; scape with scattered erect hairs; psammophore hairs weakly developed. For additional characters, see 'Worker Diagnosis', 'Key' and the definition and discussion of the *rufoinclinus* complex.

Measurements

Holotype. CI 1.02; EL 0.37; EW 0.23; HL 1.35; HTL 1.70; HW 1.38; ML 0.66; PnL 0.89; PpL 0.78; REL 0.27; SI 0.81; SL 1.12.

Worker ($n=2$). CI 1.00; EL 0.33; EW 0.20; HL 1.22–1.38; HTL 1.45–1.70; HW 1.22–1.38; ML 0.59–0.61; PnL 0.76–0.90; PpL 0.68–0.79; REL 0.24–0.27; SI 0.81–0.84; SL 0.99–1.15.

Comments

Iridomyrmex anteroinclinus is known from only three independently collected individuals from the Kimberley region of northern Western Australia (Fig. 37). All collection sites are in *Eucalyptus* woodland areas. Nothing is known of the biology of this species.