



Map 2. Distribution of the species in the *notabilis* species group.

Abbreviations: ca = *A. careoscrobis*, co = *A. concavus*, fo = *A. foveolatus*, mi = *A. mindanao*, no = *A. notabilis*.

scrobe; without strongly projecting medial clypeal lobes. Major worker unknown.

Minor. Holotype measures HW 0.94, HL 0.79 (CI 118), ML 0.70 (MI 88), SL 0.80 (SI 86), EL 0.16, HFL 0.83 (FLI 105; FWI 24) mm. Head shape similar to *A. mindanao*, but slightly more deeply concave across posterior margin. Maximum head width virtually the same above and below the level of the eyes. Head with rounded foveae having thick walls; dorsally the longest hairs extend about 0.10 mm. Without any trace of grooves to retain retracted funiculi adjacent to scrobes for each scape. Scares relatively short, barely overreaching back margin of head when retracted to scrobes. Clypeal index

178. Lobe to each side of medial clypeal hair feeble (essentially absent) and widely separated from the hair; lateral clypeal hairs apparently not in a completely enclosed fovea, but sculpture difficult to interpret. Smooth medial area of clypeus bordered by longitudinal rugae laterally. Mandibles lacking a ventral tooth.

Spines on trunk relatively longer than in *A. mindanao*, with pronotal spines in particular not as reduced in length. Pronotal spines with one hair or none. Pronotal angle not forming a feeble tooth. Propodeal declivity bordered on each side by a single rugum.

Node of petiole as in Figure 39A, PWI narrow (ca. 49). Anterior peduncle of petiole shorter and deeper than in *A. mindanao* and other species in the genus, and with lateral petiolar hairs present and sub-lateral hairs lacking; subpetiolar declivity present. Postpetiole (Fig. 42) similar to *A. mindanao*; with two pairs of hairs dorsally and two lateral pairs. Femora with scattered hairs throughout length, and with ventral surfaces distinctly concave; hind femora relatively short (FLI < 110). Orange yellow, with legs yellow.

Additional Records. Known only from holotype.

Acanthomyrmex concavus new species Figures 39B–C, 44–47; Map 1

Holotype. Minor worker deposited in BMNH from Malaysia; Sarawak; 4th Div., Gunung Mulu National Park, RGS Exped., Long Pala, lowland rain-forest leaf litter, 19/X/1977 (B. Bolton). Name refers to strongly concave posterior margin of head.

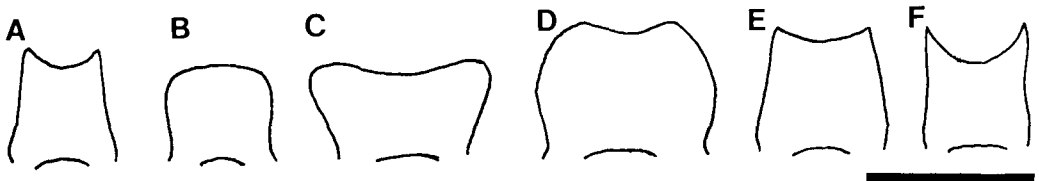


Figure 39. Petiolar nodes of minor workers in posterior view: *notabilis* species group. A. *A. careoscrobis* holotype; B. *A. concavus* holotype; C. *A. concavus* from Sabah; D. *A. foveolatus* holotype (major worker); E. *A. mindanao* paratype; F. *A. notabilis* from Sulawesi.

Scale line. 0.25 mm.