



Fig. 3. *Pheidole acantha* sp. nov. (type material: Eg97-BOR-404): A, major, head in full-face view; B, same, head in profile; C, same, alitrunk and waist (petiole and postpetiole) in profile; D, minor, head in full-face view; E, same, alitrunk and waist in profile.

as long as postpetiole (excluding helcium); petiolar node in profile acute (Fig. 3E), and in posterior view emarginate at apex. Postpetiole 2.0–2.3 times as broad as petiolar node.

Clypeus smooth and shining with a few rugulae; remainder of head rugoso-reticulate; area between promesonotal spines smooth and shining; remainder of alitrunk punctured, or weakly reticulate with punctured enclosures; lateral face of petiolar pedicel very weakly punctured; dorsum of petiole, and postpetiole and gaster smooth and shining. Dorsum of alitrunk in profile bearing less than 10 standing hairs. Body colour pattern similar to that of the major.

Variation Sculpture of head in both the subcastes is generally weaker in the specimens from an elevation of ca. 1800 m than in those from that of ca. 1500 m on Mt. Kinabalu.

Recognition *P. acantha* sp. nov. is closely related to *P. lokitae* Forel, *P. quadrensis* Forel, *P. sperata* Forel, *P. quadricuspis* Emery and *P. spinicornis* sp. nov., and several undescribed species (see under *P. lokitae*), but can be recognised among the Bornean relatives by the characters given in the key.

Distribution Borneo.

Biology This species inhabits well-developed forest on Mt. Kinabalu from 1500–1800 m alt., and nests in rotting wood.

2. *Pheidole aglae* Forel (Figs. 4, 55)

Pheidole aglae Forel, 1913: 32, major, minor and queen (MHNG). Type locality: Bogor, Java. Lectotype designation and redescription of type material: Eguchi, 2001.

Pheidole exasperata var. *polita* Viehmeyer, 1914: 606, major and minor (ZMHB). Type locality: Singapore. The homonymy of *P. e. polita* Viehmeyer with *P. fabricator polita* Emery, 1894 was already established (for the replacement name *concordia*, see Santschi, 1916).

Pheidole exasperata var. *fusiformis* Viehmeyer, 1914: 607, major, minor and male (ZMHB). Type locality: D. Neuguinea [Irian Jaya]. Revised status as subspecies of *P. exasperata*: Bolton, 1995b. Lectotype designation and solution of synonymy (as a junior synonym of *P. aglae*): Eguchi, 2001.

Pheidole exasperata var. *concordia* Santschi, 1916: 242. Replacement name for *P. exasperata* var. *polita*