



Fig. 50. *Pheidole tawauensis* sp. nov. (type material: soil-9): A, major, head in full-face view; B, same, head in profile; C, same, alitrunk and waist in profile; D, minor, head in full-face view; E, same, alitrunk and waist in profile.

shining. Body yellowish-brown to brown.

Recognition This species is very similar to *P. butteli* Forel among Indo-Chinese and Indo-Malayan congeners (for the difference between the two, see under *P. butteli*).

Distribution Indochina, Borneo and Java.

50. *Pheidole tenebricosa* sp. nov. (Fig. 51)

Holotype Major, colony: Eg97-BOR-394, Mt. Kinabalu (near the Headquarter), Sabah, E. Malaysia (Borneo), K. Eguchi leg., 1997, deposited in UMS.

Paratypes 18 majors, 19 minors and 1 queen from the same colony to which the holotype belongs, deposited in BMNH, MBD, MCSN, MCZ, MHNG, MSNM, NHMW and UMS.

Other specimens examined BORNEO. Sabah, Malaysia: Mt. Kinabalu, ca. 1500 m alt., 22 majors, 43 minors and 1 queen (Eg97-BOR-392, 393, 393B, 395, 396, 397, 406, 409) / 10 majors, 14 minors and 15 males (322A, 323A; Eg97-BOR-598), TK / ca. 1800 m alt., 8 majors, 12 minors and 2 males (18Q22S1, 18Q22S2; 564A), TK; Poring, 1530 m alt. (East Ridge), 3 minors (code EW-1, EW-2, EW-2/2), CB, 1995 / 1740 m alt. (East Ridge), 1 minor (code FB-1), CB, 1995 / 1930 m alt. (East Ridge), 2 minors (code GW-1), CB, 1995.

Major Measurements and indices (n=5): TL 2.5-3.0 mm, HL 1.08-1.23 mm, HW 1.00-1.20 mm, SL 0.53-0.64 mm, FL 0.66-0.79 mm, CI 91-97, SI 50-58, FI 63-69. Head broadest at about 2/3 distance of head (as measured from the mid-point of a transverse line spanning the anteriormost and posteriormost projecting points, respectively (cf. Fig. 2A)) (Fig. 51A), in profile weakly impressed on vertex (Fig. 51B). Hypostoma bearing three median processes, of which lateral two are poorly developed. Clypeus occasionally with a weak median longitudinal carina, with anterior margin weakly concave medially. Eye situated at about 1/3 distance of head; distance between mandibular insertion and anterior margin of eye 1.4-1.8 times as long as maximal diameter of eye. Frontal carina horizontal, extending backward to about 2/3 distance of head (Fig. 51A). Antennal scrobe narrowly overhung by frontal carina. Antenna with 3-segmented club; antennal scape extending backward to 3/5-2/3 distance of head; terminal segment ca. 1.2 times as long as preceding two segments together.