74 K. EGUCHI

BORNEO. Sabah, Malaysia: Danum Valley, 21 majors, 50 minors and 2 Other specimens examined males (Eg96-BOR-111, 117, 124, 132, 145, 166, 188, 207, 211, 220); Deramakot Forest Reserve, 1 minor, CB, 1998-1999; Poring, 450-500 m alt., 2 majors and 4 minors (Eg96-BOR-267) / 500-550 m alt., 2 majors and 4 minors (Eg96-BOR-293) / 560 m alt. (East Ridge), 2 minors (code AW-3), CB, 1995 / ca. 600 m alt., 15 majors, 21 minors, 2 queens and 1 male (06X2606-3-B, 6X2606-4-G, 6XI0106-16-2, 06XI0106-16-Ca; 06Q32S4; 87-A, 516, 525, 749A), TK / 700-800 m alt., 3 minors (GC), SKY, 1995 / ca. 900 m alt., 2 majors and 5 minors (7IV0310-5-1a, 7IV0310-5-2a,), TK / 1130 m alt. (East Ridge), 2 minors (code CW-2/3), CB, 1995; Sayap Kinabalu, 1 major and 2 minors (LS-6), SKY, 1996; Tawau Hills Park, 11 majors, 18 minors, 1 queen and 2 males (Eg96-BOR-013, 021, 030, 042) / 7 majors, 15 minors and 1 queen (SB96-SKY-07, 21; LS-2, 3; soil-11). Sarawak, Malaysia: Lambir Hills N. P., 5 majors and 4 minors (GC), SKY, 1993 / 1 major and 6 minors (GC), T. Itioka & T. Yumoto leg., 1994. Brunei: Belalong Forest Section, 9 majors, 10 minors and 1 queen (Eg99-BOR-207, 220, 223, 235). MALAY PENINSULA. Malaysia: Ulu Gombak, 19 majors, 28 minors and 2 males (FI92-MG-393; FI96-471, 576, 590, 601, 653; FI98-115, 132, 148, 163, 164; FI99-50). SUMATRA, Indonesia. Ulu Gadut, Padang, W. Sumatra, 7 majors, 12 minors, 1 queen and 2 males (FI97-382, 453, 458, 489, 517).

Measurements and indices (n=6): TL 2.4-2.5 mm, HL 1.06-1.14 mm, HW 1.02-1.08 mm, Major SL 0.55-0.61 mm, FL 0.75-0.80 mm, CI 94-96, SI 53-57, FI 72-76. Head broadest at 1/3-2/3 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. 26A), in profile not impressed on vertex (Fig. 26B). Hypostoma with an indistinct median process (the process sometimes almost absent). Clypeus with a median longitudinal carina, with anterior margin emarginate medially. Eye situated at about 1/3 distance of head; distance between mandibular insertion and anterior margin of eye 1.5-1.8 times as long as maximal diameter of eye. Frontal carina inconspicuous, extending backward to at most 2/3 distance of head. Antennal scrobe present only around antennal insertion. Antenna with 3-segmented club; scape extending backward to 3/5-7/10 distance of head; terminal segment ca. 1.1 times as long as preceding two segments together. Masticatory margin of mandible with apical and preapical teeth, and a denticle in front of basal angle. Promesonotal dome without any prominence on its posterior declivity (Fig. 26C); dorsal portion of the dome occasionally bordered anterodorsally with 2-3 transverse rugulae, weakly margined laterally. Mesopleuron divided by a distinct transverse impression into two parts, of which lower part occasionally margined dorsally. Propodeal spine horn-like, straight, almost twice as long as diameter of propodeal spiracle. Petiole cuneiform, 1.7-1.8 times as long as postpetiole (excluding helcium); petiolar node high, in posterior view not or slightly emarginate at apex. Postpetiole in dorsal view subhexagonal, 1.8-2.1 times as broad as petiolar node.

Dorsal and lateral faces of head excluding vertex and occipital lobe longitudinally rugose; remainder of head smooth and shining; promesonotal dome smooth and shining; mesopleuron and lateral face of propodeum punctured and weakly shining; lateral faces of petiolar pedicel and postpetiole weakly punctured; dorsa of petiole and postpetiole, and gaster smooth and shining. Outer face of mandible sparsely covered with appressed hairs, which are 0.05-0.07 mm in length and almost as long as distance between piligerous punctures; submarginal zone of masticatory margin of mandible with a row of longer decumbent hairs. Body yellowish-brown to brown, with darker gaster (sometimes mandibles and clypeus also darker); legs a little lighter than alitrunk.

Minor Measurements and indices (n=6): TL 1.6-1.8 mm, HL 0.50-0.53 mm, HW 0.44-0.48 mm, SL 0.55-0.59 mm, AL 0.71-0.78 mm, FL 0.58-0.65 mm, CI 86-89, SI 124-129, FI 131-142. Head in full-face view oval (Fig. 26D); occipital carina weak but complete. Clypeus without a median