

Holotype gold-coated for scanning electron microscopy, mounted with a colour-matched paratype. Holotype, most paratypes, including females, in ANIC (type No. 7774), worker paratypes in BISHOP, BM(NH), GM, KUB, MCZ, QM.

ETYMOLOGY

Named for the collector, Rudolf Kohout. The specific epithet is undeclinable Papua New Guinea pidgin, meaning 'belonging to Rudi'.

WORKER

Dimensions (mm, holotype, smallest paratype, largest paratype (ranked by HW)): TL c. 4.5–6.2; HL 1.14, 0.98, 1.24; HW 0.96, 0.84, 1.24; CI 84, 86, 89; SL 1.16, 0.97, 1.27; SI 102, 99, 102; PW 0.75, 0.63, 0.83; AL 1.56, 1.34, 1.77. General features as in Figs 1–3. Mandibular dentition unusual for *Leptothorax*; consisting of 3 apical and 2 basal teeth separated by a long, minutely



FIGS 1–3. *Leptothorax bilongrudi*, holotype worker, standard views. HW 0.96 mm; PW 0.75 mm; AL 1.56 mm.