

A New Species of the Ant Genus *Pheidole* WESTWOOD from Japan (Hymenoptera: Formicidae)

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Abstract. A new myrmicine ant species, *Pheidole susanowo*, is described from Japan.

In Japan, the ant genus *Pheidole* WESTWOOD is represented by 8 species, 7 described and 1 nomenclaturally undetermined: *P. fervens* Fr. SMITH, *P. fervida* Fr. SMITH, *P. indica* MAYR, *P. megacephala* (FABRICIUS), *P. noda* Fr. SMITH, *P. pieli* SANTSCHI, *P. ryukyuensis* OGATA, and *P. sp. 8* (OGATA, 1981; OGATA, 1982; OGATA, 1991; OGATA & YAMANE, 1992; BOLTON, 1995). We describe the nomenclaturally undetermined species as new to science.

Measurements and indices

Head length (HL): maximum full-face view length from the anteriormost margin of clypeus to the posterior margin of occiput.

Head width (HW): maximum dorsal view distance across head excluding eyes.

Cephalic index (CI): $HW / HL \times 100$.

Head depth (HD): maximum depth of head in lateral view (vertical to longitudinal axis).

Scape length (SL): length of scape excluding radicle.

Scape index (SI): $SL / HW \times 100$.

Width of frontal lobes (FLW): maximum width between the right and left outermost margins of frontal lobes in dorsal view (only workers measured).

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