

### Key to Species (workers and queens)

*Note.*—Only a few queens have been examined (unknown in *P. villosus*) and the ranges of measurements and indices for queens may be somewhat broader than the known limits given here.

- 1 Small species (HW < 0.67) with elongate head and eyes (worker CI 0.56–0.71, queen CI 0.43–0.61; worker REL2 0.76–0.92, queen REL2 0.84–1.15) (Figs. 32, 34, 36); pubescence very short and inconspicuous, tightly appressed to body ..... 2
- 1' Larger species (HW 0.73, in unique worker type), with relatively broad head and short eyes (CI 0.73, REL2 0.72) (Fig. 38); body pubescence conspicuous, decumbent to suberect (Brazil) ..... *P. villosus, sp. nov.*, p. 434
- 2 (1) Very small species (worker HW 0.48–0.53; queen HW 0.42–0.51, n=5), with elongate head (worker CI 0.56–0.62; queen CI 0.43–0.53) and slender petiole (worker PLI 0.54–0.66; queen PLI 0.55–0.62) (Figs. 36, 37) (Mexico to Peru, Brazil) ..... *P. tenuissimus* (Emery), p. 432
- 2' Larger species (worker HW 0.55–0.66; queen HW 0.56–0.63, n=6), with broader head (worker CI 0.60–0.71; queen CI 0.55–0.61); if worker HW < 0.60, then petiole generally rather short (worker PLI 0.65–0.75) ..... 3
- 3 (2') Smaller species (worker HW 0.55–0.59; queen HW 0.56, 0.57, n=2) with more elongate head (worker CI 0.60–0.65, queen CI 0.55, 0.57) and with relatively short petiole (worker PLI 0.65–0.75, queen PLI 0.63, 0.68) (Figs. 34, 35) (Nicaragua, Costa Rica) ..... *P. subtilissimus* (Emery), p. 432
- 3' Larger species (worker HW 0.61–0.66; queen HW 0.61–0.63, n=4), with broader head (worker CI 0.66–0.71; queen CI 0.60–0.61) and slender petiole (worker PLI 0.56–0.67; queen PLI 0.56–0.61) (Figs. 32, 33) (Mexico to Peru, Brazil) ..... *P. spiculus, sp. nov.*, p. 431

### Species Accounts

#### *Pseudomyrmex spiculus* sp. nov. (Figures 31, 32, 33)

*Pseudomyrmex subtilissimus tenuissimus*; Kempf (nec Emery) 1972:224 (partim).

*Holotype Worker.*—COSTA RICA, Prov. Puntarenas: Reserva Biologica Carara, 500m, 9°47'N, 84°36'W, 26.viii.1985, on low vegetation, old field/pasture,