

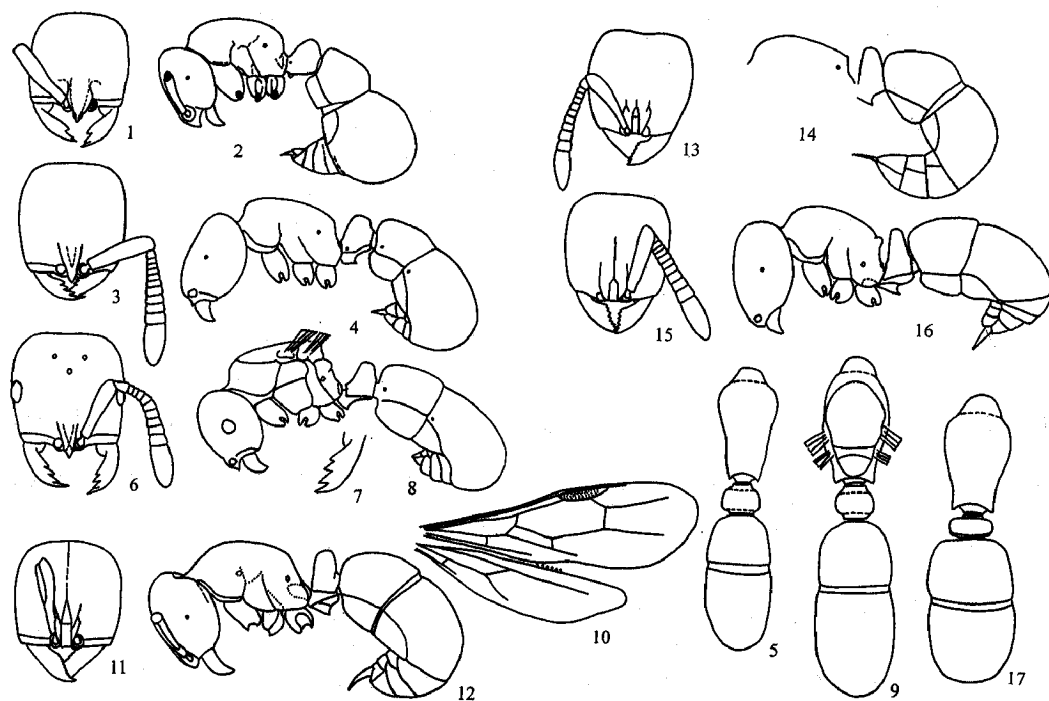
II. Ants and Cuckoo-wasps" from English into Chinese for the Chinese readers.

Proceratium longigaster Karavaiev (Figs. 13-17)

Proceratium longigaster Karavaiev, 1935: 59 (worker), Vietnam.

New record to China.

Karavaiev (1935) described this species in Germany with illustrations (Figs. 13-14). An English description based on the Chinese specimen is provided below. Worker (Figs. 15-17). TL 2.4, HL 0.64, HW 0.60, CI 94, SL 0.42, SI 70, PW 0.44, AL 0.76, ED 0.02, ML 0.34, PL 0.16, DPW 0.32, PH 0.42 ($n = 1$). Head roughly square, slightly longer than broad and slightly narrowed forward. Occipital margin nearly straight, occipital corners rounded. Lateral sides weakly convex. Anterior 2/3 of head with a fine longitudinal central dorsal carina. Frontal lobes narrow. Anterior margin of clypeus nearly straight in the middle, without a central projection. Mandible with 7 minute blunt teeth. Apex of scape reaching to 3/4 of the distance from antennal socket to occipital corner. Eye with 1 facet. In profile view dorsum of alitrunk complete and weakly convex, without sutures, lowed down backward. Propodeum with a pair of small blunt teeth, declivity depressed vertically. Metapleural lobe small and blunt at apex. In profile view petiolar node high and erect, narrowed upward, anterior face straight, posterior face weakly depressed, dorsal face narrow and convex. Subpetiolar process triangular, like a sawtooth, posteroventral angle acute. In dorsal view petiolar node rectangular and transverse. Mandibles sparsely punctured, interface shining. Head, alitrunk, petiole and gaster finely and closely punctured.



Figs. 1-17 *Proceratium* workers and females

1-2. *P. itoi* (Forel), worker 3-5. *P. zhaoi* Xu, sp. nov., worker 6-10. *P. zhaoi* Xu, sp. nov., alate female 11-12. *P. japonicum* Santschi (= *P. formicicola* Terayama), worker 13-17. *P. longigaster* Karavaiev, worker 1, 3, 6, 11, 13, 15. head in full-face view 2, 4, 8, 12, 14, 16. body in profile view 5, 9, 17. body in dorsal view 7. mandible in dorsal view 10. front and hind wings in dorsal view 1-2. after Terayama (1990) 11-12. after Terayama (1985) 13-14. after Karavaiev (1935), Pilosity omitted