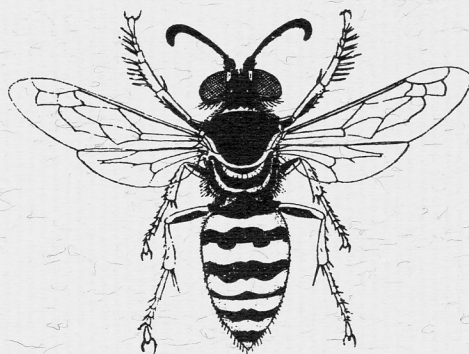


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- Yasumatsu, K. 1942a. Contribution to the knowledge of the Crabronidae-fauna of Eastern Asia. 1. (Hymenoptera). Mushi, 14 (2): 87-92.  
 ----- 1942b. Sur quelques forms nouvelles ou peu connues des Psenini en Extreme Orient (Hym., Sphecoidea). Mushi, 14 (2): 93-97.  
 ----- 1954. Miscellaneous notes on the Scoliidae of Japan (Hymenoptera). Kontyu, 21: 47-50.

CERCERIS YUWANENSIS SP. NOV. FROM THE ISLAND AMAMI-OHSHIMA, THE RYUKYUS

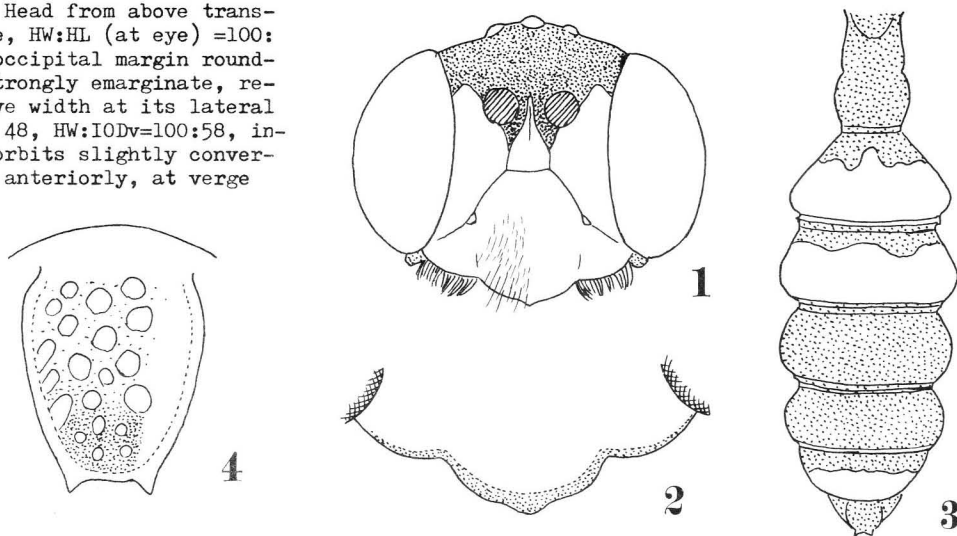
(HYMENOPTERA, SPHECIDAE)

By K. TSUNEKI

The present species ( $\delta$ ) belongs to the sinensis-strandi group, having long, petiole-like gastral segment 1, not well outlined and only weakly raised basal platform of gastral sternite 2, finely sparsely punctured area dorsalis and non-carinated hind coxa. It is characterized also by the apical form of clypeus, somewhat moniliformed antennal flagellum, large somewhat sparse punctures and distinctive maculae, especially of the gastral segments.

$\delta$ . 9.0 mm. Black; lemon yellow are facial maculae (Fig. 1), A1 (dorsal apical area brownish), A2 largely beneath, mandible at base on outer side, tongue of mouth parts (palpi brownish), broad band on collar not reaching tubercle, scutellum, post-scutellum (lateral carinae black), a mark on epimeral area of mesopleuron just behind tubercle, broad bands on G2, 3 and 6, medianly strongly constricted broad band on GS2 (rather a pair of large triangular marks medianly contiguous), fairly large lateral marks on GS3 (interspace brown), a large triangular mark on fore coxa beneath, mid coxa except extreme base and above, hind coxa except basal area above and apical carinae, trochanters wholly, rest of fore and mid legs except small basal mark of each femur above (larger and more brownish on fore femur), dark brown mid tibial spines and spur and brownish mid T2, 3 and 4, hind femur at apex (fairly brownish) and apical half beneath, and hind tibia except short basal and large apical marks above. Rest of mandible translucent brown, with a light ferruginous spot near middle on outer side, A3-6 brown beneath, apically darker, A11, 12 at apical area beneath, A13 wholly beneath brown, apically brighter. Wings very slightly darkened hyaline and somewhat yellowish, apical margin broadly clouded, radial cell and its outer posterior area somewhat more markedly so. Apical fringe of lateral area of clypeus pale yellow, in oblique light silverily shining (with somewhat golden tint). Hairs soft and long, markedly longer on ocellar area and dorsum of G1, pale yellowish grey, different in colour under light condition.

Head from above transverse, HW:HL (at eye) =100:54, occipital margin roundly strongly emarginate, relative width at its lateral ends 48, HW:IODv=100:58, inner orbits slightly convergent anteriorly, at verge



to frons relatively 50, OOD,Od,POD,OCD=16,6,12,17. Head in frontal view: Fig. 1 (drawn on the basis of numerous measurements). Enlarged apical margin of clypeus: Fig. 2, median lobe with L:W(between tentorial pits)=5:4, disc roundly raised, with apical area broadly reflected. Relative length of A1-7; 11-13=11,5,10,9,8,8,8;7,7,11, A3 in lateral view = AW 2, A6-11 roundly swollen out beneath, A13 gently narrowed apically and obliquely truncate in lateral view. Collar without medial furrow, transversely smoothly rounded, mesoscutum with lateral margins carinated and besides, with a short distinct longitudinal carina at some distance from the lateral carina, which is slightly less than 1/3 the length of scutum. Area dorsalis on propodeum triangular, W at base and L in middle about 5:3, well margined with lateral furrows, the furrow straight, not sinuate, without median furrow, smoothly roundly elevated, medial furrow of posterior inclination present, fine and shallow, not reaching apex. Gaster in dorsal view: Fig. 3 and pygidial area: Fig. 4. GS2 with a small platform at base in middle, not distinctly outlined, only gently roundly raised, raised area slightly less than half the length of swollen part of the sternite and weakly longitudinally carinate at lateral verges of central area. In venation of fore wing very similar to rybyensis, with cubital cell 2 triangular and very shortly petiolated above.

Vertex and frons covered with comparatively large punctures, punctures not very close, PIS not fine carina-like, namely not reticulate, especially wide on outer areas of hind ocelli, punctures on clypeus finer, shallower, fairly close and mixed with some scattered large ones. Mesoscutum with large, rather sparse deep punctures, PIS roughly as large as PD and moderately closely covered with micropoints, scutellum similar, but micropunctules sparser and weaker. Mesopleuron more coarsely punctate and subreticulate, propodeum covered with sparse large, rather shallow punctures, area dorsalis finely, somewhat sparsely punctured, along lateral furrows transversely carinate. Punctures on gastral tergites large, deep, not contiguous, PIS without micropoints, well shining, sternites with a few gross punctures on lateral areas and some piliferous ones on apical margins. Pygidial area roughly covered with gross punctures, PIS anteriorly with sparse micropoints, but posteriorly micropoints dense and surface not shining.

♀ unknown.

Holotype: ♂, Is. Amami-Oshima, Yuwan (Uken-son), on the flower of Ampelopsis heterophylla, 20. V. 1979, H. Nagase leg. (Coll. Tsuneki).

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