

SOME FURTHER NIDICOLOUS CHELONETHI (Pseudoscorpionidea) FROM MALAYA

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Abstract: Two pseudoscorpions are reported upon. *Apocheiridium minutissimum* is described as new and additional distribution data are recorded for *Megachernes grandis*.

Apocheiridium minutissimum Beier, n. sp. Fig. 1

Pale yellowish brown. Carapace as long as broad behind or a little broader, rather densely and sharply but not very roughly granulate, constricted at the deep transverse furrow; vestitural bristles rather thick, banana-shaped, arched, and dentate subbasally, grouped to the median line of the carapace, except the 14 or 16 bristles of the hind margin, which shows caudally. Eyes small. Abdominal tergites divided, rather indistinctly granulate, each half-tergite with 9-10 hind border bristles and 1 lateral border bristle, the bristles shaped as those of the carapace. Galea of ♀ with three separate spines. Pedipalps slender, trochanter and femur only densely and rather finely granulate, femur with few greater granules laterobasally. Tibia and hand nearly smooth. Femur abruptly pedicellate, largest near base, 4× longer than broad. Tibia 2.8×, hand 1.8×, chela with stalk 3.2×, without stalk 3× longer than broad. Fingers scarcely as long as hand without stalk. Movable finger with 1 tactile seta only. Vestitural bristles of pedipalps rather long, strongly arcuate and bent, acute, and dentate subbasally. Femora of legs absolutely undivided. Hind coxa narrow. Body, length 0.8-0.9 mm; carapace, length 0.27-0.30 mm; pedipalps: femur, length 0.21 mm, breadth 0.052 mm, tibia, length 0.18 mm, breadth 0.065 mm, hand, length 0.15 mm, breadth 0.09 mm, fingers, length 0.135 mm.

Holotype ♀ (BISHOP 3603), Malaya, Subang, nest of Black-capped Kingfisher (*Halcyon pileata*), 12. XII. 1962, Ser. No. M-02066, Band No. H. 87082, McClure. Paratypes: 1 ♂ (torso), Malaya, Fraser's Hill, nest of Rothschild's Peacock Pheasant (*Polyplectron inopinatum*), 26. III. 1957, Ser. No. M-02117, Band No. H. 87082; 1 exuvia, Fraser's Hill, nest of Black Eagle (*Ictinaetus malayensis*), 15. I. 1956, Ser. No. M-03118, Band No. H. 87082, McClure.

This very small species differs from *A. eruditum* Chamb. from the Philippine Islands by the much more slender pedipalps. It is easily distinguishable from the similar Malayan *Cryptocheiridium lucifugum* Beier by the very small size, finer granulate pedipalps, nearly smooth tibia and hand, vestitural bristles longer, more arcuate, bent and toothed subbasally, and by the presence of 1 tactile seta only on the movable palpal finger.

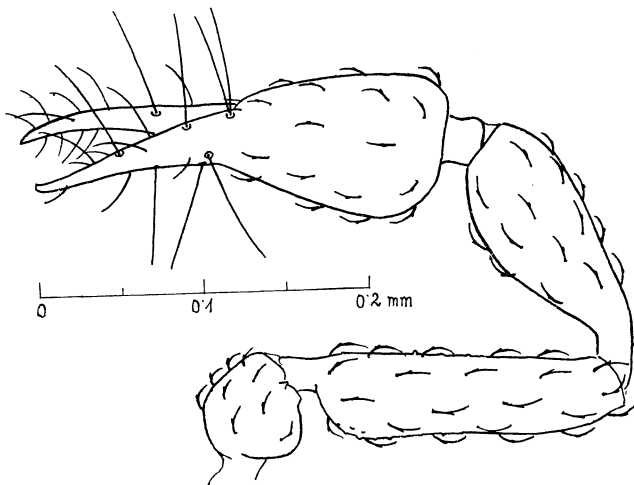


Fig. 1. *Apocheiridium minutissimum* n. sp., ♀, right pedipalp.

Megachernes grandis (Beier)

5 ♂♂, 12 ♀♀, 8 deutonymphs, Malaya, Subang, from *Rattus rajah*, 2. XI. 1962, Ser. No. M-01803 and M-01804, Band No. B. 60,047 and B. 60,035, McClure.

Hitherto only the ♀ of this species was known from Sumatra and Java. The ♂♂ now before me are but a little smaller than the ♀♀ and have the same shape of the vestitural bristles of the pedipalpes as the ♀♀; these bristles are, therefore, not long and not dense. The sexual dimorphism is not marked. The galea of the ♂ is slender as in the ♀ and has less number of branches. The bump of the hind coxa is a little smaller than in the ♀.

THREE NEW SPECIES OF COLLEMBOLA SYMPHYPLEONA FROM THE SUBANTARCTIC

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Abstract: Three new species of Collembola Symphypleona are described from the sub-Antarctic islands of Macquarie and Kerguelen. The material comes partly from the 1928-29 BANZARE Expedition and partly from the more recent collections by the B. P. Bishop Museum Expedition.