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NOTES ON VELOCIPEDIDAE (HETEROPTERA)

by

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With 11 text-figures

The present paper comprises the descriptions of the male of *Bloeteomedes borneensis* Van Doesburg, and *Bloeteomedes sarawakensis* nova species. I am greatly indebted to Dr. W. J. Knight and Mr. W. R. Dolling for the loan of the specimens, and for their kind assistance during my stay in the British Museum (Natural History) to which the specimens belong.

Bloeteomedes borneensis Van Doesburg (figs. 1, 5-8)

One male specimen, very similar to the female but somewhat smaller. Antennal seta (on second segment) situated on 0.29 part from apex. In the holotype this is 0.27 and not 3/14 as was wrongly mentioned in the description. Ninth segment (genital capsule, figs. 6, 8) broad, rounded, slightly produced posteriorly; posterior margin of genital cavity turned-up, bisinuate and slightly excavated medially as seen from behind. Paramere (fig. 7) short, S-shaped, with a broad, flattened and finely punctated apical hook.

Measurements (in mm): total length including wings 12.2; width 5.35; length of pronotum 2.56, width 4.12; width of head over eyes 1.56; width between eyes 0.83.

Data on labels: Sarawak, foot of Mt. Dulit, Junction of rivers Tinjes & Lejok, 7.ix.1933 — old secondary forest — on bark of felled tree — Oxford Univ. Exp. B. M. Hobby & A. W. Moore. B.M. 1933-254.

Bloeteomedes sarawakensis nova species (figs. 2-4, 9-11)

This species of which two males are available, has a close resemblance to *B. borneensis* but differs in the following respects. Somewhat smaller and darker, the light patches on the costal margins of the fore wings much more

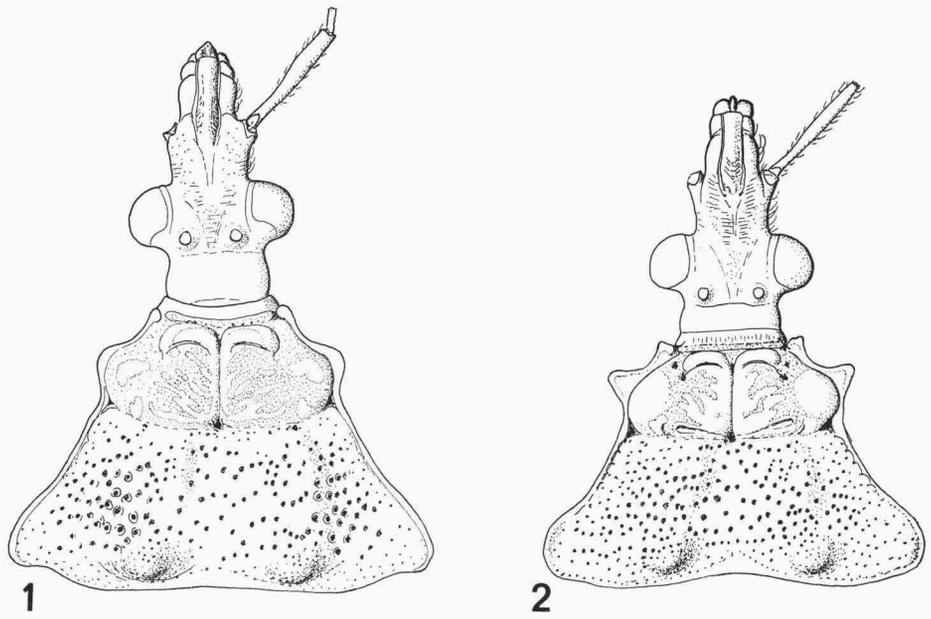


Fig. 1. *Bloeteomedes borneensis* Van Doesburg, male, head and pronotum. Fig. 2. *Bloeteomedes sarawakensis* nov. spec., male holotype, head and pronotum.

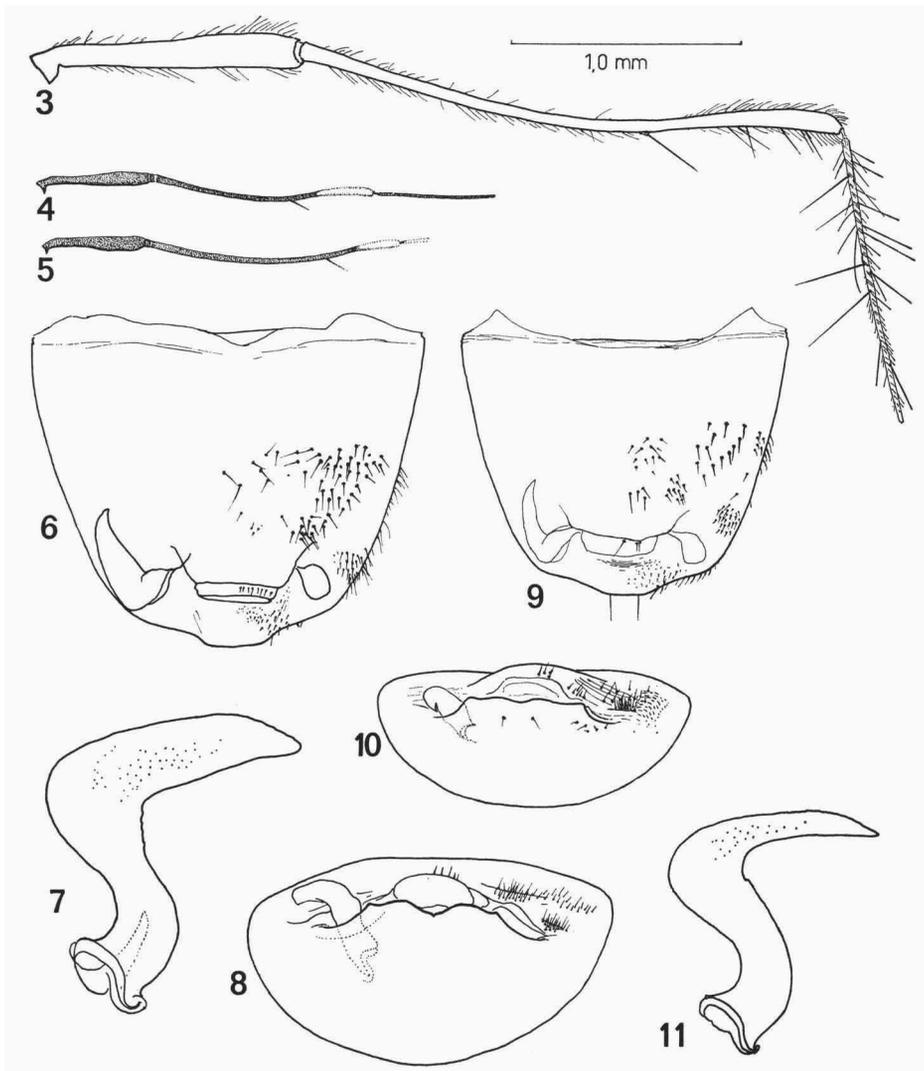
conspicuous. Unpigmented apical part of second antennal segment occupying about $1/4$ (0.23) part of its length. Antennal seta situated respectively on 0.35 (holotype) and 0.33 (paratype) part from apex. Pronotum dark brown, pronotal calli and collar almost black, shining. Dull pattern on pronotal calli much more restricted in favour of its shining ground. Lateral margins of pronotum more extended laterally in the corners. Posterior part of pronotum, scutellum and clavus of fore wings dark brown and with a somewhat denser punctation. The postcubitus between the two punctured claval sutures, reddish. Rest of hemelytra lighter brown with whitish markings on the costal area. Colour of underside about the same as in *B. borneensis*. Legs slightly darker, especially the knees; coxae more reddish. The male genital segment (fig. 9) smaller and less produced posteriorly. Posterior margin of genital cavity as seen from behind (fig. 10) almost straight. Paramere (fig. 11) smaller and much more slender.

Measurements (in mm) of holotype and paratype, respectively: total length: 11.5, 11.6; width: 5.35, 5.25; length of pronotum: 2.32, 2.20; width of pronotum: 3.50, 3.50; width of head including eyes: 1.51, 1.40.

Both specimens bear the following labels: Borneo: Sarawak, Mt. Marud, Dr. E. Mjoberg. — Kalabit Epd. — Brit. Mus. 1924-333.

LITERATURE

DOESBURG, P. H. VAN, 1970. A new genus and species in Velocipedidae (Heteroptera). — Zool. Meded., 44 (17): 247-250, 2 figs.



Figs. 3, 4, 9-11. *Bloeteomedes sarawakensis* nov. spec. 3, left antenna of paratype; 4, idem, showing pattern of pigmentation; 9, 10, genital capsule of holotype, right paramere removed, respectively in dorsal and posterior view; 11, right paramere of holotype. Figs. 5-8. *Bloeteomedes borneensis* Van Doesburg, male. 5, left antenna showing colour pattern; 6, 8, genital capsule with right paramere removed, in respectively dorsal and posterior view; 7, right paramere.