

## SOME INTERESTING AND NEW PLATYPODIDAE (Coleoptera) FROM NEW GUINEA<sup>1</sup>

257. Contribution on the morphology and taxonomy of the Scolytoidea

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*Abstract:* Three new species are described and new records for New Guinea are included.

Lately I received from Dr Stephen L. Wood a small but very interesting collection of Platypodidae from New Guinea and New Britain belonging to the Bernice P. Bishop Museum in Honolulu. The results of the identifications, as usual, are divided into new records and the description of new species.

### New Records

- Crossotarsus cheesmani* Schedl: New Britain, Ti, Nakanai Mts., 28.VII.1956, E. J. Ford.  
*Crossotarsus hastatus* Schedl: New Guinea (NE), Finistere Range, Saidor: Matoko, 29.VIII.1958, W. W. Brandt.  
*Crossotarsus majusculus* Samps.: Neth. New Guinea (NW), Waris S. of Hollandia, 450-500 m, 8-15.1959, T. C. Maa.  
*Crossotarsus subpellicidus* Lea: New Guinea (NE), Wau, Morobe Distr., 1200 m, 25-30.IV.1962, light trap, J. Sedlacek.  
*Platypus corniventris* n. sp.: Neth. New Guinea (NW), River Tor (mouth), 4 km E. of Hol Maffen, 2.VI.1959, M. V. light trap, Maa.  
*Platypus excedens* Chap.: New Britain, Vunabakan, 180 m, E. of Keravat, 16-20.IX.1959, T. C. Maa.  
*Platypus suspectus* Schedl: Neth. New Guinea (SW), Vogelkop: Bomberi, 700-900 m, 4.VI.1959, J.L. Gressitt.  
*Platypus semiopacus* Strohm.: New Guinea (NE), Edie Creek, nr Wau, 1900 m, 4-10.X.1961, J. & J. H. Sedlacek.  
*Platypus taxicornis* n. sp.: New Guinea (NE), Wau, Morobe Distr., 1050 m, 16.X.1961 (♂), same locality, 1200 m, 21.I.1963 (♀), J. Sedlacek.  
*Platypus truncaticauda* n. sp.: Neth. New Guinea (NW), Bodem, 100 m, 11 km SE of Oerberfaren, 7-17.VII.1959, T. C. Maa.  
*Platypus truncatigranosus* Schedl.: New Guinea (NE), Mt. Kaindi, 16 km SW of Wau,

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2300 m, 6.X.1962, J. Sedlacek.

*Platypus truncatipennis* Schedl: Neth. New Guinea (NW), Japen I., SSE of Sumberbaba, Dawai R., 30.X.1962, H. Holtmann.

*Platypus velatus* Schedl: New Britain, Gazelle Pen., Mt. Sinewit, 900 m, 5-9.XI.1962, Malaise trap, J. Sedlacek.

*Platyscapus voltaticus* Schedl: New Guinea (NE), Wau, Morobe Distr., 1250 m, 15.I.1963, Malaise trap, J. Sedlacek.

*Spathidicerus intermedius* Schedl: Neth. New Guinea (NW), Vogelkop, Kebar Val., W. of Manokwari, 550 m, 4-31.I.1962, light trap, S. Quate & L. Quate.

***Platypus truncaticauda*, Schedl, new species**

♂. Ferruginous, eyes and elytral declivity black, 2.8 mm long, 3.2× as long as wide. Allied to *Platypus platypoides* Browne; bust distinctly smaller, 1st interstices on upper margin of declivity drawn out into blunt teeth, apical margin of declivity with a narrow triangular notch at suture, each elytron forming a pointed projection, declivital face feebly concave, opaque, rather densely punctured and with short pubescence.

*Front* subopaque, flat, finely and shallowly punctured, with short sparsely placed pubescence. *Pronotum* feebly longer than wide (26 : 24), widest behind the well developed femoral emarginations, disc shining, covered with scattered medium-sized punctures, median sulcus long and fine. *Elytra* feebly wider (26 : 24) and 1.7× as long as pronotum, widest at commencement of declivity, sides straight and feebly divergent from base to declivity, apical margin broadly rounded, at suture with a narrow triangular notch, each elytron drawn out to a pointed short projection, declivity obliquely truncate, commencing well behind basal 1/2 of elytra; disc silky shining, with regular rows of rather remotely placed shallow punctures, interstices wide, nearly impunctate; the striae punctures becoming smaller in the 1st 3 rows towards upper declivital margin, those of rows 5, 7, and 9 coarser, subgranulate and situated in widely impressed lines, declivital margin acutely elevated all around, the 1st interstices projecting over declivital face as short and blunt spines, the other gradually fused into rim-like upper margin, elytral face broadly oval when viewed from behind, opaque, rather densely granulate-punctate and with short pubescence.

Holotype ♂ (BISHOP 7814), New Guinea (NW), Bodem, 100 m, 11 km SE of Oerberfaren, 7-17.VII.1959, T. C. Maa.

***Platypus corniventris* Schedl, new species**

♂. Ferruginous, 2.4 mm long, 3.4× as long as wide. Allied to *Platypus hospes* Schedl, but distinctly smaller, the elytral declivity more obliquely convex, all interstices carinate towards declivity, the alternate ones but little longer than 2, 4, 6 and 8, the sharply pointed lateral processes of apical margin more widely separated and the 4th abdominal sternite with a rectangular process on each side on distal margin leaving between them an emargination wider than width of 1 process.

*Front* silky shining, nearly flat, with shallow rather large punctures in upper 1/2, these bearing short upward directed setae, center with a long and fine impressed line. *Pronotum* longer than wide (23.0 : 17.5), femoral emarginations moderately deep, disc shining, covered with very fine scattered punctures, median sulcus long and fine, surrounded by a small cordiform patch of small very densely placed punctures. *Elytra* distinctly wider (21.0 : 17.5) and 1.78× as long as pronotum, widest at commencement of short and obliquely convex declivity, sides nearly straight and distinctly divergent, declivity restricted to apical 4th of elytra; disc with regular rows of

fine and rather remotely placed punctures on basal 1/2, thence gradually striate and interstices carinate, alternate ones ceasing abruptly on upper margin of declivital face, interstices, 2, 4, 6 and 8, less strongly carinate, and somewhat shorter than alternate one; declivital face more oblique and with some setose tubercles in upper 1/2, more perpendicular and finely punctured below, 9th interstices ceasing into a small triangular tooth when viewed from above, apical margin broadly convex and with a small pointed lateral process just within the little tooth of 9th interstice. Abdomen as pointed out above.

Holotype ♂ (BISHOP 7815), New Guinea (NW), River Tor, (mouth), 4 km E. of Hol Maffen, 2.VI.1959, M. V. light trap, Maa.

#### **Platypus taxicornis** Schedl, new species

♂. Ferruginous, distal part of pronotum and apical 1/2 of elytra darker, 2.5 mm long, 3.5× as long as wide. Elytral declivity somewhat similar to that of *Platypus fulmeki* Schedl, but the sutural emargination angular, thus forming a large triangular lobe on each side, the pronotum without a patch of densely placed punctures etc.

*Front* silky shining, feebly concave, with scattered shallow punctures and a few short setae, a fine median sulcus just noticeable. *Pronotum* longer than wide (25 : 21), widest behind shallow femoral emarginations, disc shining, with scattered very fine punctures, median sulcus fine and of moderate length. *Elytra* as wide and 1.6× as long as pronotum, base finely carinate, sides subparallel up to declivity, apex with 2 large triangular projections, declivity restricted to distal 1/4 of elytra and rather abruptly declivuous; disc shining, with regular rows of extremely fine punctures, interstices wide, nearly impunctate but with a minute coriaceous texture; declivity obliquely convex, abruptly opaque, granulate-punctate and with short pubescence, side margin of each lobe with a very small angular projection in middle.

♀. Same color as ♂ but feebly larger, 2.8 mm long, more slender, 3.7× as long as wide and with front of a unique type. The latter deeply concave, shining, cavity separated from vertex by an acute angle, the sides formed by strongly elevated eyes and a pointed small process of side margin at summit of eyes. *Pronotum* as in ♂, but median sulcus longer and surrounded by a large and slender oval patch of densely-placed punctures on each side. *Elytra* more slender, 2× as long as wide, fine striae punctures submerged and difficult to see, with a series of transverse rugae near base of interstices 3-5, the declivity very short, uniformly convex, subopaque, minutely punctulate, very finely and irregularly punctured and with numerous very short inclined setae.

Holotype ♂ (BISHOP 7816), New Guinea (NE), Wau, Morobe Distr., 1050 m, 16.X.1961. Allotype ♀, same locality, 1200 m, 21.I.1963, J. Sedlacek.