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Review of the [*Cyphogastra* DEYR.]-supergenus (Col.: Buprestidae) – suppl. Description of male of *C. cyaniceps* KERR.

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Introduction

The description of *C. cyaniceps* KERR. in the recently published Pt.VI of my Review of *Cyphogastra* DEYR. (HOLYŃSKI 2022) has been closed with the statement “*Male unknown*”. However now, starting to assemble material for the next, VII part, I discovered additional 8 specimens of the species, including 4 males, hitherto overlooked among abundant and superficially deceptively similar *C. violaceiventris* KERR. Hereby I provide the accordingly supplemented and modified description.

For the followed conventions, explanations of terms, abbreviations &c. please – if needed – consult Pt. V or VI (HOLYŃSKI 2021, 2022) of the Review

***Cyphogastra (s.str.) cyaniceps* KERR.**

Additional material examined:

“PAPUA NEW GUINEA, East Sepik Province, Amboin Patrol Post, Karawari Lodge, Feb. 1983, A.C.Messer” [3 ♂, 3 ♀ (USNM); 1 ♂ (RBH: BPlwr)]; “PAPUA NEW GUINEA, East Sepik Province, Amboin Patrol Post, Karawari Lodge, Mar-Apr 1983, A.C.Messer” [1 ♀ (RBH: BPlws)]

Characters commented and/or supplemented: Males [4] 21.5×6.5 – 23.5×7.5 mm. Head always entirely or predominantly violaceous-blue, pronotum blackish-blue or concolorous with elytra (green to cupreous), ventral side in males always bluish-violaceous, in females usually so but often green. Pronotal sides subparallel or very slightly convergent; anterolateral angles well marked but somewhat rounded and not protruding, collar not developed; fossae more or less broad, undivided, usually joining anteromedian foveola.

Elytral sculpture rather coarse, gradually somewhat finer towards apices; perilateral sulcus in the newly acquired specimens – unlike those examined earlier – narrow and shallow (sometimes barely discernible). Apex of anal sternite of female rather broadly rounded, often with minute incision at middle of tip; subtriangular apical emargination in male relatively small. *Aedoeagus* ferruginous, narrow, widest at apical third, penis sharply pointed.

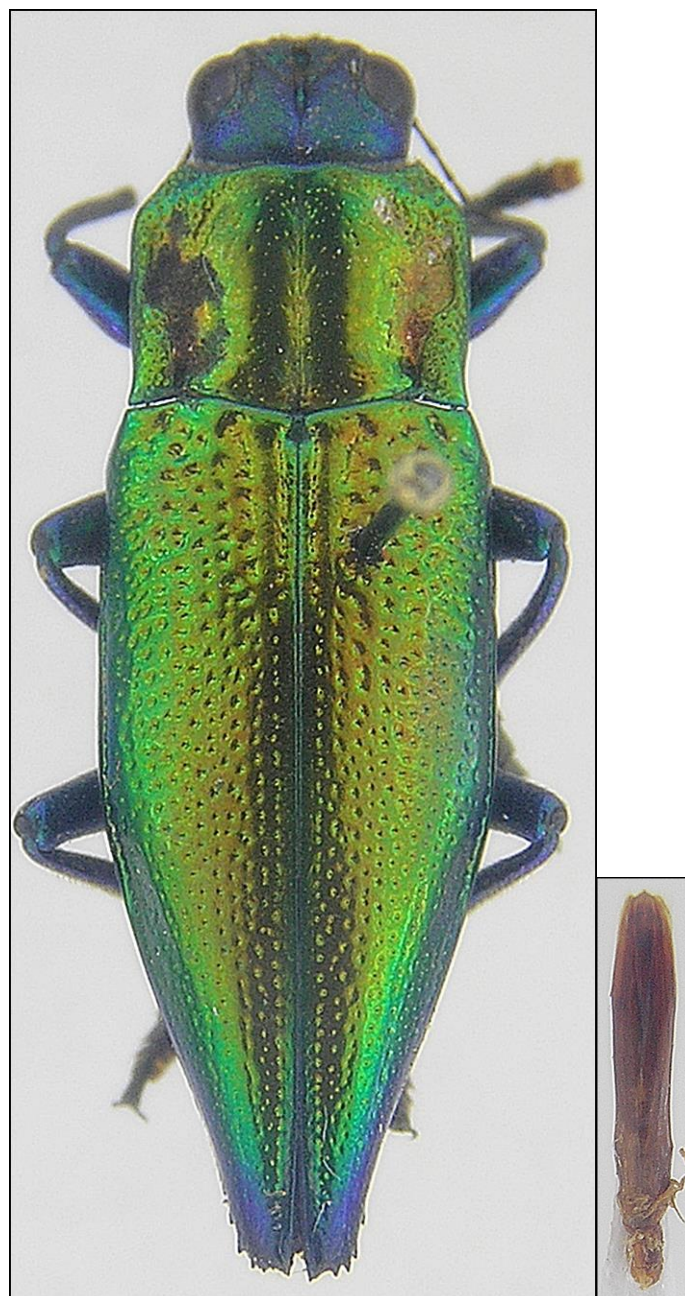


Fig. 1

Cyphogastra cyaniceps KERR.
♂ [BPlwr], New Guinea: Karawari Lodge

Geographical distribution [Map 3]: *C. cyaniceps* KERR. is widely distributed over the uplands of mid-northern New Guinea; the area is apparently subdivided by Sepik and

Ramu valleys into three widely separated parts: northwestern (Torricelli, perhaps also Bewani and Prince Alexander Ranges), northeastern [Adalbert Rge. – alleged (HOLYŃSKI 2022) occurrence in Finisterre and Saruwaged Mts. was a *mistake*: in fact I have never seen any specimen from there!] and southern [Central Range; Karawari Lodge (4°40'S-142°31'E) extends the known range of this part far to the west].



Map 1

Geographical distribution of the *Ventricosa*-circle – updated

- – *C. cyaniceps* KERR. [red frame □ – the new locality (Karawari Lodge)]
- – *C. aureoatra* sp.n.; ■ – *C. snowensis* THY.; ■ – *C. bellamyi* sp.n.; ■ – *C. kampeni* THY.;
- – *C. cupreofossa* KERR.; ■ – *C. esignata* sp.n.; ■ – *C. ventricosa* (OL.); ■ – *C. sulcipennis* GESTRO;
- – *C. impressipennis* GESTRO; ● – *C. foveolata* DEYR.

Remarks: Lack of subhumeral and perisutural dfp depressions seems a good diagnostic character, but colour of pronotum and (at least in females) ventral side, as well as breadth of pronotal fossa is variable; perimarginal elytral dfp sulcus is in the Karawari specimens weakly developed, what may be a “microsubspecific” character of western Central Range population.

Literature:

- HOLYŃSKI R.B. 2021. Review of the [*Cyphogastra* DEYR.]-supergenus (Coleoptera: Buprestidae) V. The *Farinosa*- and *Canaliculata*-circles. *Procrustomachia* 6, 4: 19-48
- HOLYŃSKI R.B. 2022. Review of the [*Cyphogastra* DEYR.]-supergenus (Coleoptera: Buprestidae) VI. The *Modesta*-, *Obloquens*-, *Ventricosa*-, and *Pistor*-circles. *Procrustomachia* 7, 1: 1-38

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