

## On the identity of *Phyrometus seriepunctatus* Basilewsky (Coleoptera: Carabidae)

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Kataev, B.M. 2005. On the identity of *Phyrometus seriepunctatus* Basilewsky (Coleoptera: Carabidae). *Zoosystematica Rossica*, **14**(1): 134.

The following new synonymies are proposed: *Gnathaphanus* Macleay, 1825 = *Phyrometus* Basilewsky, 1946, **syn. n.**; *Gnathaphanus melbournensis* Laporte de Castelnau, 1867 = *Phyrometus seriepunctatus* Basilewsky, 1946, **syn. n.**

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### *Gnathaphanus* Macleay, 1825

*Gnathaphanus* Macleay, 1825: 20. Type species: *Trechus* (*Gnathaphanus*) *vulneripennis* Macleay, 1825.

*Phyrometus* Basilewsky, 1946: 253, 257, **syn. n.** Type species: *Phyrometus seriepunctatus* Basilewsky, 1946.

### *Gnathaphanus melbournensis* (Laporte de Castelnau, 1867)

*Harpalus melbournensis* Laporte de Castelnau, 1867: 97. *Phyrometus seriepunctatus* Basilewsky, 1946: 257, **syn. n.**

**Material.** Two paratypes of *Phyrometus seriepunctatus*: ♂, ♀, labelled "Okahandia", "Paratype", "*Phyrometus seriepunctatus* n. sp., paratype, P. Basilewsky det.", "Museum Paris, Coll. Ch. Alluaud" (Muséum National d'Histoire Naturelle, Paris).

**Discussion.** *Phyrometus* was erected within Selenophori (treated now as a genus group of the subtribe Harpalina) for *Ph. seriepunctatus* described from "Damaraland: Okahandia", Namibia. This taxon, known hitherto only from the type series, was treated by all subsequent workers as a monotypic genus of the Selenophori group endemic to SW Africa. Examination of the paratypes has revealed the identity of *Ph. seriepunctatus* to *Gnathaphanus melbournensis*,

a species of the subtribe Anisodactylina distributed in the Australian Region. As in other *Gnathaphanus*, males of this species have dilated pro- and mesotarsomeres with spongy pubescence ventrally. Since there are no any further records from Africa, it is clear that the type series of *Ph. seriepunctatus* was mislabelled. The aedeagus of the male paratype is illustrated in Figs 1-2.

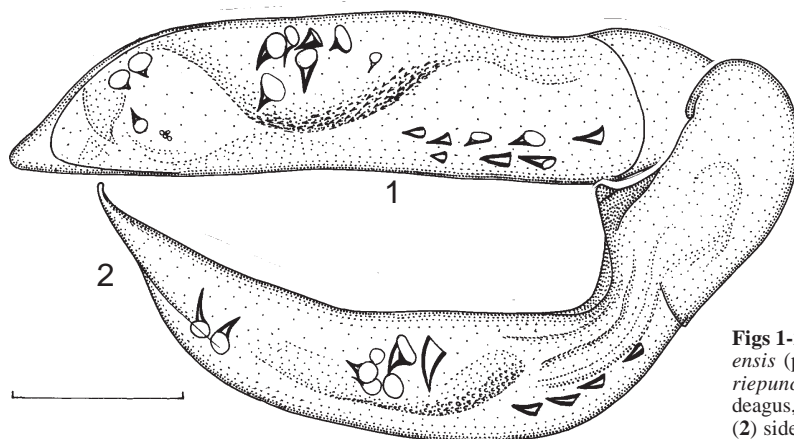
### Acknowledgements

I thank Dr. Th. Deuve (Paris) for loan of the type material. The study is supported by grant no. 04-04-49109 from the Russian Foundation for Basic Research.

### References

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Received 29 September 2005



**Figs 1-2.** *Gnathaphanus melbournensis* (paratype of *Phyrometus seriepunctatus*), median lobe of aedeagus, view from dorsal (1) and left (2) sides. Scale = 0.5 mm.