

## Additional Records of *Macrocrates galantorum* FUJII (Coleoptera, Lucanidae, Lucaninae) from Urubici, Santa Catarina, Brazil

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*Macrocrates galantorum* FUJII, 2012 was described based on the specimens from Brazil, deposited in the Institute Royal des Sciences Naturellus de Belgique. Recently, we had opportunity to examine the additional specimens of *M. galantorum* which include both the previously known dark elytral form, and a newly discovered yellow form. In this paper, we record the specimens of *M. galantorum* from Urubici, Santa Catarina, Brazil and provide a photo of the male genitalia of the yellow elytral form for the first time.

### List of acronyms

IRSNB	Institute Royal des Sciences Naturellus de Belgique, Bruxells, Belgium
MZUEL	Universidade Estadual de Londrina – Museu de Zoologia
RMKC	Ricardo Mitsuhiro KOIKE Collection, Arujá, São Paulo, Brazil

### *Macrocrates galantorum* FUJII, 2012

(Figs. 1–8)

*Macrocrates galantorum* FUJII, 2012: 243 [type locality: Brazil].

Holotype, male at IRSNB.

*Distribution.* South Brazil. Santa Catarina: Urubici.

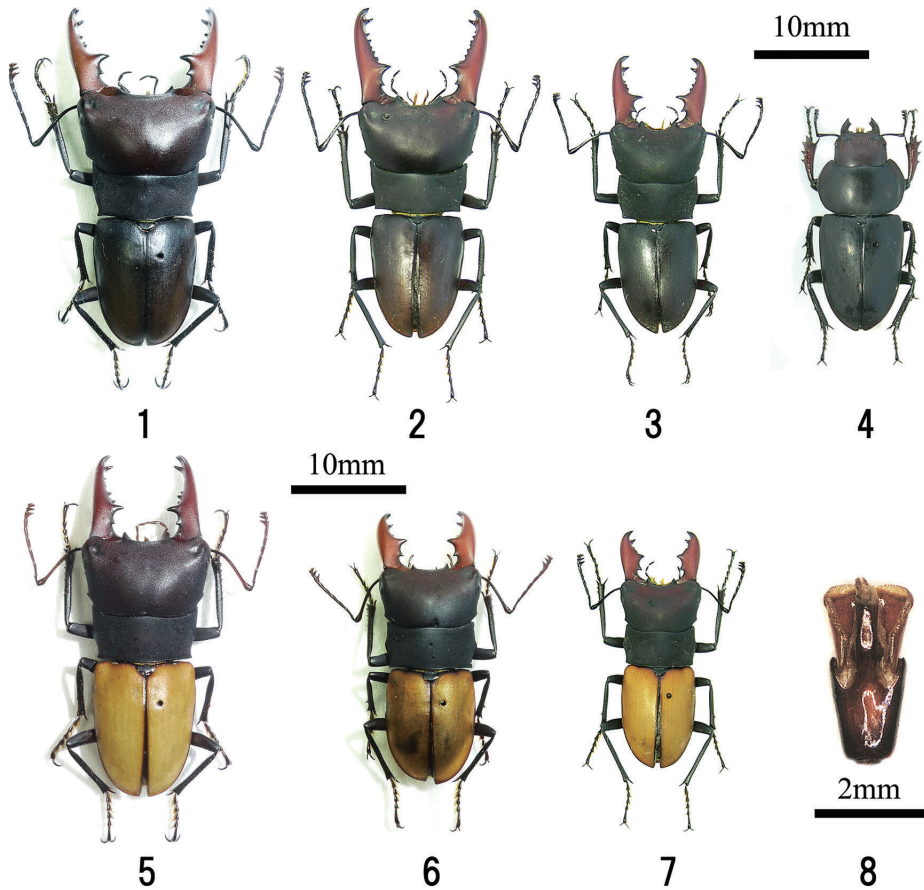
*Size variation.* Length: ♂♂, 20.3–30.5 mm (including mandibles); ♀♀, 18.5–20.0 mm (including mandibles). Width: ♂♂, 8.0–12.0 mm; ♀♀, 7.6–8.0 mm.

*Specimens examined.* 6 ♂♂, 2 ♀♀, Urubici, Santa Catarina, Brazil, 26.III.2015 (RMKC & MZUEL). Amongst the above specimens, several ones have yellow elytra. The specimens were collected by Ricardo Mitsuhiro KOIKE who had all the necessary permits to undertake this research.

*Notes.* In the present contribution we made a detailed study of the specimens of *M. galantorum* (Figs. 1–8). Some of them with yellow elytra and melanic elytra were found at the same locality (Urubici, Santa Catarina). Regarding *M. galantorum* it is often observed that the yellow elytra form and melanic elytra form are copulated. We found that there are just slight differences between the male genitalias of *M. galantorum* with yellow elytra and melanic elytra respectively, with just one individual variation. A detailed description of the male and female genitalia of *M. galantorum* was provided by FUJII (2012), thus we only provide an image of the male genitalia of the yellow elytral form of *M. galantorum* in this paper.

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Figs. 1–8. *Macrocrates galantorum* FUJII from Urubici, Santa Catarina, Brazil. — 1–4, Melanic form; 5–8, yellow form. — 1–3, 5–7, Male; 4, female; 8, male genitalia.

#### Reference

FUJII, T., 2012. Two new species of the genus *Macrocrates* (Coleoptera, Lucanidae) from South Brazil. *Elytra, Tokyo*, (n. ser.), 2: 243–255.

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