



## Two new species of the genus *Roscius* (Hemiptera: Heteroptera: Pyrrhocoridae)

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### Abstract

Two new species of the genus *Roscius* Stål, 1866 are described – *Roscius diversus* **sp. nov.** from the Central African Republic and *Roscius niger* **sp. nov.** from Mozambique.

**Key words:** Heteroptera, Pyrrhocoridae, taxonomy, Central African Republic, Mozambique, Afrotropical Region

### Introduction

The species of the genus *Roscius* Stål, 1866 are conspicuous by their large size (males longer than 14.5 mm, some females even surpassing 20 mm) as well as their painted colouration. Apart of the two new species, the genus includes six already described ones: *Roscius circumdatus* Distant, 1881, *R. elongatus* (Schaum, 1862), *R. guilielmi* Bergroth, 1926, *R. illustris* Gerstäcker, 1853, *R. quadriplagiatus* (Schaum, 1853), and recently described *R. parvulus* Stehlík & Jindra, 2008 (Hussey 1929, Robertson 2004, Stehlík & Jindra 2008). Robert (1975) described another species, *R. brazzavilliensis* Robert, 1975, however, this species is regarded as suspected junior synonym of *R. guilielmi* by Stehlík & Jindra (2008). The two new species are quite interesting, each displaying a character unique within the genus. *Roscius niger* **sp. nov.** is the only species with corium completely black, while *R. diversus* **sp. nov.** shows remarkable sexual dimorphism in the colouration of abdominal ventrites. The genus *Roscius* is further remarkable by the zygosternite VII of females, which quite a large part is distally arcuately, ridge-like delimited and bifid (subgenital plate). The bifid parts are flat and seem to replace both parts of valvifer I, which is not apparent in this genus (except of *R. niger* **sp. nov.**).

### Material and methods

To a large extent, the terminology for body parts in this contribution follows van Doesburg (1968), but the more specific terms proposed by Schaefer (1977) are employed for the genital capsule. The measurements, expressed in millimetres, are presented as means, with minimum and maximum values in parentheses. The label data of type specimens are quoted verbatim, comments are given in square brackets ([ ]).

The following abbreviations are used for collections:

BMNH	The Natural History Museum, London, United Kingdom;
PPUA	Department of Plant Protection, Czech University of Life Science, Praha, Czech Republic;
ZJPC	Zdeněk Jindra Collection, Praha, Czech Republic