



FIRST RECORD OF *MORMIDEA SPECIOSA* HAGLUND, 1868 (HETEROPTERA: PENTATOMIDAE: CARPOCORINI) FROM FRENCH GUIANA

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Abstract.- The pentatomid bug *Mormidea speciosa* is recorded for the first time from French Guiana, together with the first record from the state of Pará, Brazil. The record from French Guiana is the first report of this species outside of Brazil.

Key words: *Heteroptera*, *Pentatomidae*, *Mormidea speciosa*, *new record*.

Resumen.- El Pentatomido *Mormidea speciosa* es registrado por primera vez para Guyana Francesa, y para el estado de Para, Brasil. El registro de Guyana Francesa es el primero para esta especie fuera de Brasil.

Palabras clave: *Heteroptera*, *Pentatomidae*, *Mormidea speciosa*, *nuevo registro*.

Pentatomidae is a large family of Heteroptera currently comprising about 5,000 species classified in nearly 900 genera (Rider, 2015). The pentatomids are mostly phytophages except for those belonging to the subfamily Asopinae (Schuh & Slater, 1995). Pentatominae is the largest subfamily of Pentatomidae with 3,350 species classified in 622 genera (Faúndez & Rider, 2014). Several species of Pentatominae are well known as pests damaging crops (Schaefer & Panizzi, 2000).

Mormidea Amyot & Serville, 1843 is a New World genus of Pentatominae (Carpocorini), which can be identified by using the keys in Rolston & McDonald (1984). This genus which presently contains 33 species, was revised by Rolston (1978, 1985), however relatively little is known about several species.

According to Haglund (1868) and Bonatto & Grazia (1989) there is only one male used to describe *Mormidea speciosa*. This specimen has been treated as the holotype by Bonatto & Grazia (1989). This species can be easily differentiated from all the other *Mormidea* species by its bright metallic green coloration on the dorsum, excluding the yellowish head and anterior half of the pronotum (Fig. 1.). Rolston (1978) redescribed the species. Since then, the only new data for this species was provided by



Fig. 1. *Mormidea speciosa* Haglund, 1868, adult specimen from French Guiana, habitus.

Bonatto & Grazia (1989), who described the female and provided new Brazilian records from the states of Amapá and Amazonas. Here

we provide the first record for this species from French Guiana, as well as another Brazilian record from the state of Pará.

Material examined: French Guiana, Kourou, Roche de Kourou, Maurice Royer coll. 1♂ (Fig.1); Brazil, Pará, Salobo, NW of Carajás, 23-1-1998, W. Piper leg. 1♂. [Both in David A. Rider Collection].

The record from French Guiana becomes the northernmost known for this species, and the first from outside of Brazil. On the other hand, the record from Pará fills the distributional gap for this species, because it was cited from one state north (Amapá) and from one state west (Amazonas). Although this species appear to be very rare (i.e. there are very few specimens known), it has a wide distribution in the north-eastern portion of South America. Therefore this is another example for the need to conduct more survey work in the area.

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