

FIRST RECORD OF MEGALOPTERA (INSECTA, NEUROPTEROIDEA) IN THE SANTANA FORMATION (LOWER CRETACEOUS, NORTHEAST BRAZIL)

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The Neuropteroidea from Santana Formation is one of the most complete and diverse known, formed by fifty three species distributed in thirty one genera, representing twelve families: Neuroptera – Ascalaphidae, Myrmeleontidae, Psychopsidae, Chrysopidae, Berothidae, Sisyridae, Nemopteridae, Babinskaiidae, Paleoleontidae, Makarkiniidae and Nemopteridae; Raphidioptera – Arariperaphidiidae, which except Babinskaiidae, Paleoleontidae, Makarkiniidae and Arariperaphidiidae, all they have extant representation. The Neuropteroidea from the Brazilian Cretaceous is unique in several aspects as for example the fact, until this moment, just a single genus, *Mesypochrysa* Martynov is known outside Brazil, exhibiting a high grade of endemism.

This contribution objectives to describe a new genus and new species of Megaloptera, the third order known of Neuropteroidea marking the first record of the group for the South Hemisphere Cretaceous.