



Catalog of the types of some families of Coleoptera (Insecta) deposited at Coleção de Entomologia Pe. J. S. Moure, Curitiba, Brazil

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Abstract

The Coleoptera type species of Coleção de Entomologia Pe. J. S. Moure, housed in the Zoology Department, Curitiba, Brazil, were examined and listed. This is an important collection in South America and the third largest in Brazil. The type materials of two series of Polyphaga were treated; in Staphyliniformia, the families Leiodidae and Staphylinidae and in Cucujiformia, Coccinellidae and Chrysomelidae. Complete information is given for each type, including the reference of the original description and labels data. A total of 112 types were listed, increasing the number of types, compared to the previous list (Marinoni *et al.* 1992).

Key words: Insecta, list, taxonomy, type-specimens

Resumo

Catálogo dos tipos de algumas famílias de Coleoptera depositados na Coleção de Entomologia Pe. J. S. Moure, Curitiba, Brasil. Os tipos das espécies de Coleoptera depositados na Coleção de Entomologia Pe. J. S. Moure, do Departamento de Zoologia foram examinados e listados. Esta é uma importante coleção da América do Sul e a terceira maior do Brasil. O material tipo de duas séries de Polyphaga foi tratado; em Staphyliniformia, as famílias Leiodidae e Staphylinidae e em Cucujiformia, Coccinellidae e Chrysomelidae. Para cada tipo é fornecida a informação completa, incluindo a referência da descrição original e os dados das etiquetas. O total de 112 tipos foi listado, aumentando o número em comparação com a lista prévia (Marinoni *et al.* 1992).

Palavras-chave: Espécies-tipo, Insecta, lista, taxonomia

Introduction

Coleoptera is one of nine conventionally recognised orders of holometabolous insects with approximately 350,000 described species (Grimaldi & Engel 2005). The diversity of Coleoptera is related to a suite of features that adapt the adults for dwelling in concealed, tight spaces, while yet retaining the ability to fly allowing them to live in all environments, except the marine, resulting in enormous ecological and economic implications.

The Coleção de Entomologia Pe. J. S. Moure housed in the Department of Zoology of Universidade Federal do Paraná (DZUP), Curitiba is one of the main South America collections and the third largest in Brazil, with around 5 million specimens of insects. About 2 million are Coleoptera specimens, 1 million mounted, with about 100 families represented. It was named in honour of Father Jesus Santiago Moure who founded the Zoology Department in 1938 at the Universidade Federal do Paraná, in Curitiba. Father Moure was born in Ribeirão Preto, São Paulo, in 1912 and was graduated in Philosophy and Theology. Later, he was appointed as a professor of Natural History of the Seminar and the Faculty of Philosophy and Sciences, at Curitiba. Since 1940 he started to study bees, becoming one of the major world authorities in this group. During his academic career, he visited numerous national and international institutions bringing significant contributions to the graduate course in entomology, which was created in 1969. Since his work at the Museu Paranaense, currently called as Museu de História Natural do Capão da Imbuia and the establishment of Zoology Department, he did not measure efforts to improve the collection.

The collection has been enhanced with the purchase of some entomological collections such as Felipe Justus Jr., Coleção Maller, Lieutenant Colonel Moacir Alvarenga and some donations of Dr. Carlos Alberto Seabra, in addition to the purchase of private collections such as those of Paul Gagarin, Romualdo Ferreira d'Almeida, Heinz Ebert, Fritz Plaumann, Anton Maller, and Moacir Alvarenga.

The Centro de Identificação de Insetos Fitófagos – CIIF, later called Centro de Estudos Faunísticos e Ambientais—CDZoo, was another way of adding material since researchers and institutions sent insects for identification.

Furthermore, new additions have been made with systematized entomological collections mainly by research projects (PROFAUPAR - Projeto de Levantamento da Fauna Entomológica do Estado do Paraná, and PROVIVE—Projeto Vila Velha), besides individual collecting by researchers from the Department.