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TYPE SPECIMENS OF HYMENOPTERA DEPOSITED IN THE MUSEU DE ZOOLOGIA DA UNIVERSIDADE DE SÃO PAULO, BRAZIL (EXCLUDING ACULEATA)

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ABSTRACT

The present paper lists the type specimens of Hymenoptera, excluding Aculeata, deposited in the Museu de Zoologia da Universidade de São Paulo, Brazil. We record all labels contents and also additional information from MZSP registers, published material, and other available sources. High resolution photographs of holotypes, lectotypes and syntypes are available through links to Specimage – the image database of The Ohio State University, where they are archived. The collection comprises a total of 332 type-specimens (32 holotypes, 266 paratypes, 12 syntypes, 20 paralectotypes and two lectotypes) of eight superfamilies, 18 families, 31 subfamilies, 43 genera and 83 species.

KEY-WORDS: Brazil; Insecta; Hymenoptera; MZSP; Types list.

INTRODUCTION

The Hymenoptera collection housed in the Museu de Zoologia da Universidade de São Paulo (MZSP) is one of the most representatives for the Brazilian and Neotropical faunas. The earliest records correspond to material collected mostly by Hermann von Ihering and Hermann von Lüderwaldt at the beginning of the XX century, when the Museum was still a section of the Museu Paulista (Klingenberg & Brandão, 2005).

Since then, the collection has been receiving material from many research projects, in special the recent Biota/FAPESP and INCT-HYMPAR/Sudeste (CNPq/FAPESP) programs, as well from the acquisition of smaller collections, exchanges and deposit

of material from other institutions and from colleagues from different parts of the world. Currently, it includes one of the most important collections of Neotropical ants, on which a number of catalogs have been published aiming to list all types hereby deposited (Brandão, 1991; Klingenberg & Brandão, 2005; Scott-Santos *et al.*, 2008; Brandão *et al.*, 2010; Esteves *et al.*, 2011; Prado & Brandão, 2013 and Ulysséa & Brandão, 2013). Type catalogs of other Aculeata taxa are in preparation. During this period of more than 100 years, but specially more recently, the collections of non-Aculeata Hymenoptera (the traditional and paraphyletic “Parasitica” and Symphyta” assemblages) were also substantially expanded and now house many thousands of specimens, both in dry (pinned) and wet (preserved in alcohol) conditions.

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