



# Article

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## Catalogue of the type material in the entomological collection of the University of La Laguna (Canary Islands, Spain). I. Arachnida

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### Abstract

A catalogue of arachnid type specimens of the collection kept at the Department of Animal Biology, University of La Laguna (Spain) is presented. It harbours type material of 104 species belonging to 23 families of arachnids, represented by 21 holotypes and 164 paratypes for 23 species of pseudoscorpions, and 49 holotypes, 218 paratypes and 3 syntypes for 81 species of spiders. This collection is using the criteria and standards of the Global Biodiversity Information Facility (GBIF) for cataloguing and computerization of the specimens. Type specimens were checked with the original descriptions, and relevant additional information from original labels not included in GBIF was registered.

**Key words:** Macaronesia, holotypes, paratypes, zoological collection, taxonomy

### Resumen

Se presenta el catálogo de ejemplares tipo de arácnidos de la colección del Departamento de Biología Animal de la Universidad de La Laguna (España). Contiene material tipo de 104 especies pertenecientes a 23 familias de arácnidos, representado por 21 holotipos y 81 paratipos de 23 especies de pseudoscorpiones, y 49 holotipos, 125 paratipos y 3 sintipos de 81 especies de arañas. Esta colección utiliza los criterios del Global Biodiversity Information Facility (GBIF) para la catalogación e informatización de los ejemplares. Todos los tipos aquí incluidos fueron cotejados con las descripciones originales, y se registró la eventual información adicional de sus etiquetas, no incluida en GBIF.

### Introduction

The entomological collection kept at the Department of Animal Biology of the University of La Laguna (Tenerife, Canary Islands, Spain) has been normally referred by its acronym DZUL—after the former name Departamento de Zoología de la Universidad de La Laguna, later changed to Departamento de Biología Animal. This collection (DZUL hereinafter) comprises terrestrial arthropods among other animal groups, mainly from the Canary Islands but also from other Macaronesian archipelagos (Madeira, Azores and Cape Verde) and mainland Portugal. The research activity on entomology at this department started about 1970, being initially focused on beetles and other insects, but later expanded to arachnids, especially spiders and pseudoscorpions. Intensive sampling of these two arachnid orders has been accomplished since then, either to develop faunistic and taxonomic studies for doctoral theses and other faunistic, biogeographic and phylogenetic studies, or to collaborate with specialists interested on the Macaronesian fauna such as Volker Mahnert or Juan Antonio Zaragoza for pseudoscorpions, and Carles Ribera, Miquel A. Arnedo, Jörg Wunderlich or John A. Murphy for spiders. The Macaronesian region is an important zone of biodiversity, being part of one of the 25 hotspots of biodiversity worldwide (Myers *et al.* 2000). As a result of