

EVENTO DE MUESTREO | REGISTRADO

# Spiders from Macaronesia: Cabo Verde

Publicado por [Universidade dos Açores](#)

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967 REGISTROS 1 CITA

JUEGO DE DATOS

PROYECTO

ESTADÍSTICAS

ACTIVIDAD

↓ DESCARGA

The data presented in this study were obtained from samples collected as part of the project "Macaronesian Islands as a testing ground to assess biodiversity drivers at multiple scales" (FCT - MACDIV) (2015-2018). This project aimed at gaining insights into the factors influencing community assembly in Macaronesian islands. To assess spider diversity, we employed the COBRA (Conservation Oriented Biodiversity Rapid Assessment) sampling protocol. Our sampling efforts were conducted in ten 50 m x 5... Más

**ID del proyecto:** MACDIV- CABO VERDE**Fecha de publicación:** 4 de noviembre de 2023**Última modificación de metadatos:** 4 de noviembre de 2023**Alojado por:** Instituto Superior de Agronomia / Universidade de Lisboa**Licencia:** CC BY 4.0[”](#) [Cómo citar](#) [DOI](#) 10.15468/p94j28

967

Registros de presencia



100%

Con coincidencia de taxón



100%

Con coordenadas



100%

Con año

967 REGISTROS GEOREFERENCIADOS



### 381 EVENTOS

ID del Evento	Fecha del Evento	Protocolo de Muestreo	Número (cantidad) de registros
vic_monteverdefrigorifico_directsample	18 noviembre 2017	Direct search Night	19 (0 absent)
vic_plot-4dune_directsample	18 noviembre 2017	Direct search Night	14 (0 absent)
sta_plot-3_swds01	7 noviembre 2017	Sweeping Day	11 (0 absent)
sta_plot-3_swds03	7 noviembre 2017	Sweeping Day	11 (0 absent)
sta_plot-5_aass01	8 noviembre 2017	Active Aerial Search Night	11 (0 absent)
vic_plot-5_aass01	6 noviembre 2017	Active Aerial Search Night	11 (0 absent)
sta_plot-3_aass01	7 noviembre 2017	Active Aerial Search Night	10 (0 absent)
sta_plot-2_aass01	10 noviembre 2017	Active Aerial Search Night	9 (0 absent)
sta_plot-4_aass03	12 noviembre 2017	Active Aerial Search Night	9 (0 absent)

ID del Evento	Fecha del Evento	Protocolo de Muestreo	Número (cantidad) de registros
sta_plot-5_aass03	1 enero 2017	Active Aerial Search Night	9 (0 absent)

## Descripción

The data presented in this study were obtained from samples collected as part of the project "Macaronesian Islands as a testing ground to assess biodiversity drivers at multiple scales" (FCT - MACDIV) (2015-2018). This project aimed at gaining insights into the factors influencing community assembly in Macaronesian islands. To assess spider diversity, we employed the COBRA (Conservation Oriented Biodiversity Rapid Assessment) sampling protocol. Our sampling efforts were conducted in ten 50 m x 50 m dry shrub plots located on the Cabo Verde Islands of Santo Antão (comprising five plots) and São Vicente (comprising five plots). Additional ad-hoc samples are also available. With this publication, we contribute valuable information to the understanding of the arachnofauna of Cabo verde, specifically focusing on the islands of Santo Antão and São Vicente.

Our samples yielded a total of 3,288 specimens, among which 809 (25%) were adults. The samples include 21 different families, 66 distinct species, and 19 additional morphospecies awaiting formal identification or description at species level. A total of 19 species were potentially new species to science or were unknown members of endemic species already described. Species from the Oxyopidae and Araneidae families were the most abundant, comprising two and seven species, respectively, making up 55% of the specimens of the identified taxa. From the 66 identified species, 14 are endemic to Cabo Verde, 36 are native non-endemic and 14 are exotic introduced species. For two additional species the colonisation status is indeterminate. Endemic species accounted to 26% (n = 796) of the specimens and native non-endemic to 67% (n = 2011).

## Escala temporal

- 30 de octubre de 2017 - 23 de noviembre de 2017

## Escala geográfica

Cabo Verde Islands of Santo Antão and São Vicente.

# Escala taxonómica

All spiders (Arachnida, Araneae). The samples include 21 different families.

## Orden

Araneae Spiders

# Metodología

## Grado de estudio

Five plots of 50 x 50 m were set up in Santo Antão and São Vicente.

## Muestreo

To assess spider diversity, we employed the COBRA (Conservation Oriented Biodiversity Rapid Assessment) sampling protocol. Due to the absence of arboreal plant species, foliage beating was not performed. The used methods were pitfall trapping, sweeping and active aerial search. Sweeping was performed during day and night, while active aerial search was only performed during the night periods, when spiders are generally more active. Additional ad-hoc sampling through active aerial search was performed in nearby locations to the sampling plots.

## Control de calidad

In the laboratory, specimen sorting and spider identification followed standard procedures, using somatic and genitalic features for species identification.

## Pasos de la metodología

A reference collection was made for all collected specimens (whether or not identified at species level) by assigning them a morphospecies code number and depositing them at the Dalberto Teixeira Pombo Insect Collection (DTP), University of Azores (Terceira Island).

# Contactos

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# Descripción de datos

**Idioma de los metadatos:** Inglés

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## Registro en GBIF

**Fecha de registro:** 14 de octubre de 2023

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**Instalación:** GBIF Portugal IPT

**Contactos de instalación:** Rui Figueira

**Punto final:** [http://ipt.gbif.pt/ipt/archive.do?r=spiders\\_cabo\\_verde\\_2023](http://ipt.gbif.pt/ipt/archive.do?r=spiders_cabo_verde_2023) (Archivo Darwin Core) •

[http://ipt.gbif.pt/ipt/eml.do?r=spiders\\_cabo\\_verde\\_2023](http://ipt.gbif.pt/ipt/eml.do?r=spiders_cabo_verde_2023) (EML)

**Identificador recomendado:** [DOI 10.15468/p94j28](https://doi.org/10.15468/p94j28)

**Identificadores alternativos:** [http://ipt.gbif.pt/ipt/resource?r=spiders\\_cabo\\_verde\\_2023](http://ipt.gbif.pt/ipt/resource?r=spiders_cabo_verde_2023)

See details in the GBIF Registry

## Cita

Borges P A V, Crespo L C, Pereira F, Malumbres-Olarte J, Cardoso P (2023). Spiders from Macaronesia: Cabo Verde. Version 1.5. Universidade dos Açores. Sampling event dataset <https://doi.org/10.15468/p94j28> accessed via GBIF.org on 2024-01-15.

