

# IUCN SSC Spider and Scorpion Specialist Group

2016-2017 Report



Pedro Cardoso

## Chair

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## Red List Authority

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## Number of members

50

## Social networks

Facebook: @IUCNSpiders



## Mission statement

The main objectives of the SSSG are to assess the extinction risk of a representative sample of arachnid species globally; assist on international law and agreements (e.g., Habitats Directive, Convention on International Trade in Endangered Species - CITES); contribute towards national and regional legislation protecting threatened species; develop scientifically sound species conservation strategies in cooperation with relevant authorities; and promote the public knowledge of arachnids.

## Main activities by Key Priority Area (2016 & 2017)

### Barometer of life

#### ■ Red List

i. R package to assist red-listing published and available through CRAN. It was used to assess around 300 species of spiders worldwide. (KSR #6)

#### ■ Research activities

i. IUCN Data Paper in *Biodiversity Data Journal*. The new publication type is now ready to receive input from all groups. It was tested and used to publish about 400 assessments of spiders, beetles and butterflies. (KSR #32)

### Capacity building

#### ■ Capacity building

i. Four Red List teaching workshops completed in Portugal, Czech Republic, USA and Colombia. Around 60 attendants have completed them. (KSR #5)

## Acknowledgements

Group's activities were supported by the Mohamed bin Zayed Species Conservation Fund (project 152511159) and Chicago Board of Trade (CBOT) Endangered Species Fund.

## Targets for the quadrennium 2017-2020

### Barometer of life

Red List: (1) Red List for Sampled Red List Index: 200 species; (2) Red List Nephilidae: 35 species; (3) Red List Archaeidae: 80 species; (4) Red List Macaronesian endemics: 170 species; (5) develop R package to assist red listing; (6) conduct two assessment workshops (for SRLI and CITES).

Research activities: develop IUCN Data Paper in *Biodiversity Data Journal*.

### Capacity building

Capacity building: conduct four Red List teaching workshops.

### Conservation action

Conservation activities: (1) Species Conservation Plan *Hogna ingens*; (2) *ex situ* breeding *Hogna ingens*.

### Policy

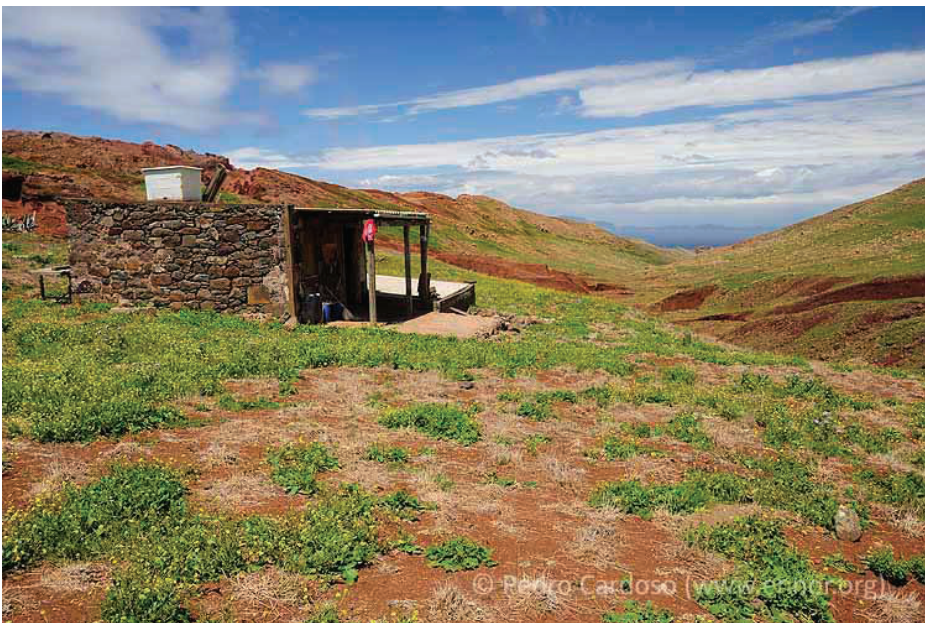
Policy advice: Red List CITES species: 25 species.

## Projected impact for the quadrennium 2017-2020

By the end of 2020, we expect to: (1) develop tools that facilitate the Red List assessments, (2) significantly increase the number of assessed species, (3) reduce the extinction risk of a number of species and (4) provide advice on CITES species.



Desertas Wolf Spider (*Hogna ingens*), Critically Endangered  
Photo: Pedro Cardoso



Vale da Castanheira, the sole area for Desertas Wolf Spider (*Hogna ingens*), Critically Endangered  
Photo: Pedro Cardoso

#### **Summary of activities (2016-2017)**

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Key Priority Area ratio: 2/7

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Key Priority Areas addressed:

- Barometer of life (2 activities)
  - Capacity building (1 activity)
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Main KSRs addressed: 5, 6, 32

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Resolutions 2016 WCC: 016

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KSR: Key Species Result