

IUCN SSC Mid-Atlantic Island Invertebrate Specialist Group

2016-2017 Report



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Number of members

41

Social networks

Website:
<http://www.maiisg.com/>

Mission statement

To increase the evidence and action for invertebrate conservation on the islands of: Gough, Tristan, St Helena, Ascension, Cape Verdes, Canaries, Madeira, Azores, and São Tomé and Príncipe.

Main activities by Key Priority Area (2016 & 2017)

Barometer of life

■ Red List

- One-hundred St Helena endemic invertebrates red listed. (KSR #1)
- Thirty-five endemic arthropods red listed on Azores. (KSR #1)

Bolster work at national scales

■ Conservation activities

- St Helena invertebrate strategy completed and accessible online. (KSR #15)
- Spiky Yellow Woodlouse Conservation Plan completed and accessible online. (KSR #15)

Capacity building

■ Capacity building

- Group supported a project that established invertebrate conservation on St Helena, including knowledge, tools and skills. (KSR #17)

Communications

■ Communication

- Paper published: Borges, P.A.V., Crespo, L., Cardoso, P. (2016). Species conservation profile of the cave spider *Turinyphia cavernicola* (Araneae, Linyphiidae) from Terceira Island, Azores, Portugal. *Biodiversity Data Journal*, 4: e10274. DOI: 10.3897/BDJ.4.e10274. (KSR #14)
- Paper published: Borges, P.A.V., et al. (2017). Conservation status of the forest beetles (Insecta, Coleoptera) from Azores, Portugal. *Biodiversity Data Journal*, 5: e14557. DOI: 10.3897/BDJ.5.e14557. (KSR #14)

iii. Webpage established: <http://www.maiisg.com/> (KSR #14)

iv. Paper published: Borges, P.A.V., Pimentel, R., Carvalho, R., Nunes, R., Wallon, S. & Ros-Prieto, A. (2017). Seasonal dynamics of arthropods in the humid native forests of Terceira Island (Azores). *Arquipelago Life and Marine Sciences*, 34: 105-122. (KSR #14)

v. Paper submitted: Borges, P.A.V., et al. (2017). Species conservation profile of moths (Insecta, Lepidoptera) from Azores, Portugal. *Biodiversity Data Journal*, (KSR #14)

vi. Paper submitted: Borges, P.A.V., et al. (2017). A Global Island Monitoring Scheme (GIMS) for the long-term coordinated survey and monitoring of forest biota across islands. *Biodiversity and Conservation*, (KSR #14)

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Targets for the quadrennium 2017-2020

Barometer of life

Red List: (1) complete Red List assessments of 100 St Helena endemic invertebrates; (2) complete Red List assessments of 30 Ascension Island endemic invertebrates; (3) complete Red List assessments of 35 Azorean endemic arthropods in 2017; (4) complete Red List assessments of 83 Azorean endemic arthropods in 2017 (in evaluation); (5) complete assessments of 25 Azorean endemic spiders (in evaluation).

Cave ground-beetle (*Trechus terceiranus*), Vulnerable
Photo: Javier Torrent



Blushing Snail (*Succinea sanctaehelenae*),
Black Gate-Cuckhold's Peak area, St Helena
Photo: Rosy Key



Spiky Yellow Woodlouse (*Pseudolaureola atlantica*),
St Helena
Photo: Rebecca Cairns-Wick

Communications

Communication: (1) paper published on establishing conservation on St Helena; (2) invertebrates identification book finished for St Helena; (3) group newsletter at least 3 times a year; (4) paper published on the species conservation profile of Azorean endemic forest beetles; (5) paper submitted on the species conservation profile of Azorean endemic moths; (6) paper in preparation on the species conservation profile of Azorean endemic cave arthropods; (7) webpage established; (8) paper submitted on A Global Island Monitoring Scheme (GIMS) for the long-term coordinated survey and monitoring of forest biota across island.

Conservation action

Conservation activities: (1) project initiated on the conservation of Ascension Islands endemic invertebrates; (2) project completed on increasing data on St Helena endemic invertebrates; (3) assess invertebrate conservation needs on Tristan and Gough.

Documents review: (1) review of St Helena Invertebrate Strategy; (2) review of Spiky Yellow Woodlouse Conservation Plan.

Projected impact for the quadrennium 2017-2020

By the end of 2020, we envision significant: (1) progress in raising awareness of invertebrates and their conservation issues across the Mid-Atlantic Islands; (2) at least another island that previously had no direct invertebrate conservation to have established programmes; (3) a total of 500 red listed invertebrates to be achieved; and (4) another new conservation action plan to be operating. We expect also to contribute to conservation policy in Azores informing the Azorean Conservation Agency about the arthropod species in urgent need of conservation. All creating more secure invertebrate populations on these islands.

Summary of activities (2016-2017)

Key Priority Area ratio: 4/7

Key Priority Areas addressed:

- Barometer of life (2 activities)
- Bolster work at national scales (2 activities)
- Capacity building (1 activity)
- Communications (6 activities)

Main KSRs addressed: 1, 14, 15, 17

KSR: Key Species Result