

IUCN SSC Cactus and Succulent Plant Specialist Group

2016-2017 Report



Barbara Goettsch

Chair

Barbara Goettsch ⁽¹⁾

Location/Affiliation

⁽¹⁾ Global Species Programme, IUCN, Cambridge, UK

Number of members

21



Mission statement

The mission of the CSSG is to contribute to the conservation of cacti and succulents plants through better understanding of their taxonomy, ecology and threats.

Main activities by Key Priority Area (2016 & 2017)

Capacity building

■ Agreements

i. The foundation meeting between the SG and Desert Botanical Garden, Phoenix, Arizona, US (host institution) took place in June 2017. (KSR #29)

■ Capacity building

i. A Red List training workshop took place in October in Phoenix, Arizona, US, and four members of the SG were trained. (KSR #5)

Conservation action

■ Research activities

i. All Alliance for Zero Extinction (AZE) and Key Biodiversity Areas (KBAs) for cacti have been identified. (KSR #22)

Increasing diversity of SSC

■ Membership

i. We have recruited seven new members to the SG from four different countries, two of them are new to the SG (Chile and Venezuela).

Acknowledgements

We thank our host institution for supporting the SG and for providing the funding to make the Foundation meeting possible.

Targets for the quadrennium 2017-2020

Barometer of life

Red List: Three hundred succulent plant species assessed.

Bolster work at national scales

Conservation activities: One national or regional conservation action plan for cacti.

Capacity building

Capacity building: Four SG members trained as Red List assessors.

Research activities: Strategic planning of activities to conduct with host institution (Desert Botanical Garden).

Conservation action

Research activities: (1) One scientific paper published on illegal trade of cacti; (2) all AZE and KBA for cacti identified (the SG supported the process led by IUCN and Birdlife).

Increasing diversity of SSC

Membership: Increase of CSSG membership, with 40 total members as expected goal.

Projected impact for the quadrennium 2017-2020

By the end of the quadrennium, we envisage a priority conservation plan to conduct activities on the ground to improve the conservation status of highly threatened cactus species. We will have generated the Red List assessments for other complete groups of succulent plants that will enable us to start setting and planning conservation. We will have a more diverse SG that includes members from a wider geography.

Pereskia guamacho in bloom,
Margarita, Venezuela
Photo: J.M. Nassar



Pilosocereus tillianus, Endangered,
Lagunillas, Mérida, Venezuela
Photo: Julio C. Romero-Briceño



Pilosocereus tillianus, Endangered,
Lagunillas, Mérida, Venezuela
Photo: Julio C. Romero-Briceño & Valter Golcalvez

Summary of activities (2016-2017)

Key Priority Area ratio: 3/7

Key Priority Areas addressed:

- Capacity building (2 activities)
 - Conservation action (1 activity)
 - Increasing diversity of SSC (1 activity)
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Main KSRs addressed: 5, 22, 29

Resolutions 2016 WCC: 041

KSR: Key Species Result