



Species

ISSUE 63

2022 Report of the IUCN Species Survival Commission and Secretariat



The IUCN Species Survival Commission (SSC)

The IUCN Species Survival Commission (SSC) is a science-based network of thousands of volunteer experts from almost every country of the world, all working together toward achieving the vision of “a just world that values and conserves nature through positive action to both prevent the loss and aid recovery of the diversity of life on earth.”

Members of SSC belong to one or more of near 200 Specialist Groups, Red List Authorities, Action Partnerships, Task Forces, and Conservation Committees that make up the Network, each focusing on a taxonomic group (plants, fungi, mammals, birds, reptiles, amphibians, fishes, and invertebrates), national species, or a disciplinary issue, such as sustainable use and livelihoods, translocation of species, wildlife health, climate change, and conservation planning.

Framed by the Species Conservation Cycle, SSC’s major role is to provide information to IUCN on biodiversity conservation, the inherent value of species, their role in ecosystem health and functioning, the provision of ecosystem services, and their support to human livelihoods. This information is fed into the IUCN Red List of Threatened Species.

2021-2025 Species Strategic Plan

The IUCN Species Strategic Plan encompasses the joint work of the IUCN Species Survival Commission and a number of partnerships to achieve more than 2,700 targets proposed by the Network during the 2021-2025 quadrennium.

To accomplish those targets, the Species Conservation Cycle was established, which is the conceptual framework for the Network activities. The Species Conservation Cycle’s main purpose is to guide efforts for valuing and conserving biodiversity through three essential components that are linked to each other:

ASSESS: Understand and inform the world about the status and trends of biodiversity.

PLAN: Develop collaborative, inclusive and science-based conservation strategies, plans and policies.

ACT: Convene and mobilise conservation actions to improve the status of biodiversity.



Their implementation requires two transversal components:

NETWORK: Enhance and support our immediate network and alliances to achieve our biodiversity targets.

COMMUNICATE: Drive strategic and targeted communications to enhance our conservation impact.

SSC Species Report

Annual progress in the implementation of the 2021-2025 Species Strategic Plan is documented in the SSC *Species Report*, which consists of a comprehensive description and analysis of the activities and results generated by the members of the SSC Network each year. Each SSC Group contributes to this document by providing a yearly summarised description of their achievements, which is presented in stand-alone reports.

Structure of the IUCN SSC Stand-alone Report

Stand-alone reports summarize the activities conducted and results generated by each group member of the SSC. Following, is the structure of the stand-alone report and the contents under each session.

Title of the SSC Group

Photograph(s) of the Chair / Co-Chairs

Group information

Includes names of Chair / Co-Chairs, Vice-Chairs, Deputy Chairs, Red List Authority Coordinators and Program Officers, their institutional affiliations, number of members and social networks currently active.

Logo of the SSC Group

Mission statement

Includes the mission of the group.

Projected impact for the 2021-2025 quadrennium

Includes the description of the impact on species conservation resulting from the implementation of the targets formulated by the group for the 2021-2025 quadrennium.

Targets for the 2021-2025 quadrennium

Includes the targets planned by the SSC Group for the 2021-2025 quadrennium ordered alphabetically by component of the Species Conservation Cycle. Each target is labeled with a numerical code (e.g., T-001, T-012) that identifies it in the SSC DATA database and its status for the reported year is indicated (Not initiated, On track or Achieved).

Activities and results

Includes the targets for which activities were conducted and results were generated during the reported year, ordered alphabetically, first by component of the Species Conservation Cycle, and second by Activity Category. Description of activities and results includes the indicator that best describes progress, its associated quantitative or qualitative result, and the narrative description of the activity conducted or result obtained. Each activity or result reported is linked to the Key Species Result to which it is mainly associated (e.g., KSR#1, KSR#5).

Acknowledgements

Includes the acknowledgements to funding agencies, partners, and persons who contributed to the progress of the targets of the group.

Summary of achievements

Summarises information of the group's strategic plan for the quadrennium and progress achieved implementing targets for all the components of the Species Conservation Cycle during the reported year.

Example for the recommended citation:

Cantley, R and van den Broek, M. 2023. 2022 Report of the Carnivorous Plant Specialist Group. In: Nassar, JM, García, L, Mendoza, L, Andrade, ND, Bezeng, S, Birkhoff, J, Bohm, M, Canteiro, C, Geschke, J, Henriques, S, Ivande, S, Mileham, K, Ramos, M, Rodríguez, A, Rodríguez, JP, Street, B, and Yerena, E (Eds.). 2022 Report of the IUCN Species Survival Commission and Secretariat. International Union for Conservation of Nature. 4 pp.

Animalia

Fungi

Plantae

National Species

Disciplinary

Action Partnership

Task Force

Red List Authority

Committee

Center for Species Survival

2022 Report

IUCN SSC Carnivorous Plant Specialist Group



CHAIR

Robert Cantley
Borneo Exotics (Pvt)
Ltd., Sri Lanka

DEPUTY CHAIR

Marcel van den Broek
The Netherlands

RED LIST AUTHORITY

COORDINATOR
Martin Cheek
Royal Botanic
Gardens, Kew, UK

NUMBER OF MEMBERS

5

SOCIAL MEDIA AND WEBSITE

Facebook: IUCN Carnivorous Plant Specialist Group;
IUCN Carnivorous Plant Discussion Group
Website: www.iucn-cpsg.org

Mission statement

To help ensure that the conservation status of all carnivorous plants is adequately and accurately documented and assist in raising public awareness and encouraging initiation of appropriate conservation measures.

Projected impact 2021–2025

As we are a restarting group, we will mainly focus on building a solid specialist group structure. Further, we will continue to produce Red List assessments for various carnivorous plant species, focusing at first on completing the assessments of the Nepenthaceae. We will also start a threat mapping project. We will design and implement an efficient approach to conservation planning for all *Nepenthes* using the "Assess-to-Plan" tools.

Targets 2021–2025

ASSESS

T-006 Assess 15 species of carnivorous plants.

Status: On track.

T-009 *Nepenthes* Threat mapping.

Status: On track.

ACT

T-005 Implement *ex situ* conservation of *Nepenthes clipeata* (Critically Endangered).
Status: Not initiated.

NETWORK

T-002 Recruit key staff for the Specialist Group.

Status: Achieved.

T-003 Create group structure.

Status: Achieved.

T-004 Recruit subgroup coordinators for the main family groups.

Status: On track.

T-007 Create a system to report information on poaching to the proper authorities.
Status: Not initiated.

COMMUNICATE

T-008 Update our website, Facebook page and Facebook group for the distribution of relevant content.

Activities and results 2022

ASSESS

Red List

T-006 Assess 15 species of carnivorous plants. (KSR 6)

Number of new national Red List assessments published: 0

Result description: Information on red listing was provided to assessors (*Sarracenia*) to generate the assessment of carnivorous plants.

Planning

T-009 *Nepenthes* Threat mapping. (KSR 5)

Design and implement an efficient approach to conservation planning for all *Nepenthes* using the "Assess-to-Plan" tools: 0

Result description: *sustituir por:* In 2022 a selection was made of the criteria that would be needed for the species and area to compare. It was also decided that for the setup of this project, we would use the genus *Nepenthes*. An inventory was made of the available information on recently published species to determine which species needed more information and/or needed to be assessed to allow an accurate selection of the species for this project as for this stage it would comprise too much information to look at all species.



Sarracenia leucophylla
Photo: Marcel van den Broek



Nepenthes rowaniana
Photo: Marcel van den Broek

Acknowledgements

We would like to acknowledge the efforts and support of the following persons and organizations. For the *Nepenthes* Threat mapping project: Stuart Young, Chester Zoo; Philip Esseen, Chester Zoo, and Caroline Lees, IUCN-SSC-Conservation Planning Specialist Group. For the red listing project: Plant Assessment Unit, Kew Gardens.

Summary of achievements

Total number of targets 2021–2025: 8

Geographic regions: 8 Global

Actions during 2022:

Assess: 2 (KSR 5, 6)

Overall achievement 2021–2025:

