



Species

ISSUE 64

2023 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 and Centers for Species Survival (CSS) each year. Each SSC and CSS 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 and CSS Stand-alone Reports

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

Title of the group

Photograph(s) of the Chair/Co-Chairs

Group information

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

Logo of the 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 or CSS 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.

Animalia

Fungi

Plantae

National Species

Disciplinary

Action Partnership

Task Force

Red List Authority

Committee

Center for Species Survival

Example for the recommended citation:

Motato-Vásquez, V. and Simijaca Salcedo, D.F. 2024. 2023 Report of the Colombia Fungal Specialist Group. In: IUCN SSC and Secretariat. *2023 Report of the IUCN Species Survival Commission and Secretariat*. Gland, Switzerland: IUCN. 4 pp.

2023 Report

IUCN SSC Colombia Fungal Specialist Group



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NUMBER OF MEMBERS
11

Mission statement

Not stated yet.

Projected impact 2021–2025

Not stated yet.

Targets 2021–2025

ASSESS

T-004 Prioritising species groups for national/global Red List assessments and reassessments – especially country endemic species – in collaboration with specialists and training mycologists to broaden both the taxonomic coverage and the thematic topics, i.e. species with potential use.

Status: On track

NETWORK

T-002 Generate funds to support SSG's activities including assessment, conservation plans and communication.

Status: On track

T-003 Holding meetings, raising discussions, and inviting new members, including non-mycologists, with a broad range of expertise.

Status: On track

T-005 Continue building capacity within the Colombian mycological community by offering training with short courses, symposia or workshops on fungal red listing and strategies of fungal conservation *in situ* and *ex situ* for students, specialists and Group members.

Status: On track

COMMUNICATE

T-006 Create a social media (Instagram/X) profile and website for the group to discuss and deliberate conservation-related information.

Status: On track

T-007 Participation of members in national and international scientific events.

Status: On track

T-008 Publish articles every year.

Status: On track

Activities and results 2023

ASSESS

Red List

T-004 Prioritising species groups for national/global red list assessments and reassessments – especially country endemic species – in collaboration with specialists and training mycologists to broaden

both the taxonomic coverage and the thematic topics, i.e. species with potential use. (KSR 6)

Number of new global Red List assessments completed: 1

Result description: A group of specialists from Colombia Fungal SG published the evaluation of 48 species of lichens from Colombia.

NETWORK

Capacity building

T-003 Holding meetings, raising discussions, and inviting new members, including non-mycologists, with a broad range of expertise. (KSR 2)

Number of people trained in assessment tools: 5

Result description: In 2023, some members participated as organisers or as representatives of the Colombia Fungal SG in the 3rd IUCN Latin American workshop for the assessment of fungal and lichen species.

Membership

T-003 Holding meetings, raising discussions, and inviting new members, including non-mycologists, with a broad range of expertise. (KSR 2)

Number of SSC members recruited: 2

Sarcodon rufobrunneus
Photo: Aida M. Vasco-Palacio



Ramaria botritis
Photo: Rocío Peña



Cladonia lopezii
Photo: Diego Simijaca

Result description: We recruited two new members, especially members < 35 years old.

COMMUNICATE Communication

T-008 Publish articles every year. (KSR 13)
Number of digital communication outputs developed in relation to specific taxonomic groups: 1

Result description: In 2023, we published one article: Minatel Gonella, P., Rocha, L.H. and Oliveira Andrino, C. (2023). 'Rediscovery of a tiny plant species reinforces the need to protect Serra do Padre Ângelo in south-east Brazil'. *Oryx*. 57(6):691-692.

Summary of achievements

Total number of targets 2021–2025: 7

Geographic regions: 7 Global

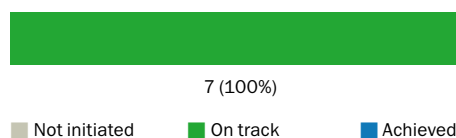
Actions during 2023:

Assess: 1 (KSR 6)

Network: 2 (KSR 2)

Communicate: 1 (KSR 13)

Overall achievement 2021–2025:



Lactifluus neotropicus
Photo: Aida Vasco



Sternberia lutea
Photo: Hayri Duman



Tetra Parnaiba
Photo: Karina Molina



Egretta rufescens
Photo: Ernesto Gómez



Mayfly nymph (*Ecdyonurus* sp.)
Photo: Astrid Schmidt-Kloiber
and Wolfram Graf



Nothobranchius fuscotaeniatus
Photo: Csenge Nagy



Trioceros hoehnelii
Photo: Christopher V. Anderson

