



Species

ISSUE 65

2024-2025 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 that were generated during 2024 (full year) and 2025 (first quarter), 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:

Lee, SY. (2025). 2024-2025 Report of the Mangrove Specialist Group. In: IUCN SSC and Secretariat. *Species: Annual Report of the IUCN Species Survival Commission and Secretariat 2024-2025*. Gland, Switzerland: IUCN. 4 pp.

Animalia

Fungi

Plantae

National Species

Disciplinary

Action Partnership

Task Force

Red List Authority

Committee

Center for Species Survival

2024-2025 Report

IUCN SSC Mangrove Specialist Group



CHAIR
Shing Yip Lee

The Chinese University
of Hong Kong, New
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SAR, China

**RED LIST AUTHORITY
COORDINATOR**
Jean Yong

Swedish University of
Agricultural Sciences,
Alnarp, Sweden

NUMBER OF MEMBERS
57

Mission statement

Not stated yet.

Projected impact 2021–2025

The Mangrove Specialist Group (MSG) aims to complete the assessment of the approximately 80 species of mangroves for red listing purposes and to contribute significantly to the red listing of ecosystems process for mangroves. We also look forward to contributing significantly to global mangrove restoration work, including but not limited to our participation in the Global Mangrove Alliance.

Targets 2021–2025

ASSESS

T-001 Conduct Red List assessment of 80 species of mangroves.

Status: On track

T-002 Participate in the red listing of ecosystems.

Status: On track

PLAN

T-003 Drafting conservation and management plans for species that are threatened with extinction.

Status: Not initiated

NETWORK

T-004 Recruit five more members from under-represented gender, age group, and geographic regions.

Status: Achieved

COMMUNICATE

T-005 Participate in the organisation of the upcoming Mangrove Macrobenthos and Management conference 7 (MMM7) to be held in Okinawa in 2026.

Status: On track

T-006 Participate in the organisation of the International Mangrove Conservation and Restoration Conference at Abu Dhabi as an official partner.

Status: Achieved

T-007 Contribute to the activities of the Mangrove Week in Abu Dhabi.

Status: Achieved

Activities and results 2024–2025

ASSESS

Red List

T-001 Conduct Red List assessment of 80 species of mangroves. (KSR 6)

Number of global Red List reassessments completed: 0

Result description: The first online meeting was held in March, 2024. Additionally, a

residential assessment workshop was held in April, 2025, in Abu Dhabi.

T-002 Participate in the red listing of ecosystems. (KSR 6)

Contribute to Red List of Ecosystem assessments: Ongoing.

Result description: We have worked regularly with the IUCN RLE team on this task in 2024, including participation in workshops and contributing to assessment of particular regions.

COMMUNICATE Communication

T-006 Participate in the organisation of the International Mangrove Conservation and Restoration Conference at Abu Dhabi as an official partner. (KSR 13)

Number of SSC members' presentations developed in relation to specific taxonomic groups: 15

Result description: Members of the MSG presented more than 15 posters/talks at the IMCRC, covering diverse topics ranging from species conservation and restoration, to ecosystem services of mangroves. The MSG was also an official partner of the conference.

T-007 Contribute to the activities of the Mangrove Week in Abu Dhabi. (KSR 13)

Some members of the MSG present at the International Mangrove Conservation and Restoration Conference held in Abu Dhabi, December 2024. A brief meeting was held to discuss the formal involvement of the MSG in future global mangrove conferences.
Photo: Dominic Rodehouse



Participants of the Red List assessment workshop held in April 2025, Abu Dhabi
Photo: Joe Shing Yip Lee

Number of SSC members' presentations developed in relation to specific taxonomic groups: 5

Result description: Four training lectures were given by members of the Mangrove Specialist Group to regional conservation practitioners during the training workshop, covering techniques for monitoring of mangrove species and communities, with particular reference to restoration efforts. Another community lecture was given by a member of the MSG during the Mangrove Week.

Summary of achievements

Total number of targets 2021–2025: 7

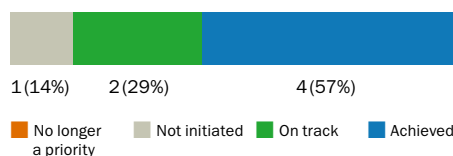
Geographic regions: 4 Global, 3 Asia

Actions during 2024-2025:

Assess: 2 (KSR 6)

Communicate: 2 (KSR 13)

Overall achievement 2021–2025:



Suweon Treefrog
(*Dryophytes suweonensis*)
Photo: Amael Borzee



Marsh Cinquefoil
(*Comarum palustre*)
Photo: Magnus Goransson



Phallus aureolatus
Photo: Juliano Baltazar



Eurasian Griffon (*Gyps fulvus*)
Photo: Andre Botha



Black Rhino (*Diceros bicornis*)
Photo: Save The Rhino Trust Namibia



Azores Nursery Spider
(*Pisaura acoreensis*)
Photo: Paulo A.V. Borges



Black and White Snapper
(*Macolor niger*)
Photo: David B. Snyder