



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:

Chang, C.S. 2024. 2023 Report of the Korea Plant 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 Korea Plant Specialist Group

KPSG



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NUMBER OF MEMBERS

10

Mission statement

To support conservation of Korean plant diversity, for present and future generations, through interdisciplinary collaboration, applied conservation biology and professional development.

Projected impact 2021–2025

The Korea Plant Specialist Group (KPSG) plans to bring together members with all relevant governmental and non-governmental organisations about plant conservation in the Korean peninsula to achieve the conservation targets for the next quadrennium.

Targets 2021–2025

ASSESS

T-001 Assess subendemic vascular species of the Korean Peninsula.

Status: On track

T-002 Complete Red List assessments of Korean endemic plants.

Status: On track

T-006 Plan regional network organisation to assess regional Red List in East Asia.

Status: Achieved

PLAN

T-004 Conservation activities: implement conservation actions related to *ex situ* and *in situ* conservation, including plant introductions.

Status: On track

NETWORK

T-003 Provide technical advice on biodiversity policy to the national institutions and universities in Korea.

Status: On track

T-005 Expand KPSG membership.

Status: On track

Activities and results 2023

ASSESS

Red List

T-001 Assess subendemic vascular species of the Korean Peninsula. (KSR 6)

Number of new global Red List assessments completed: 25

Result description: In 2023, 50 species were selected for assessment, half of the 100 species, and 50 work sets were prepared on the IUCN SSC's SIS. The red listing of these species is expected to be completed in 2023.

T-002 Complete Red List assessments of Korean endemic plants. (KSR 6)

Number of new global Red List assessments completed: 0

Result description: In 2023, the search for missing endemic species was conducted, and the assessment of endemic species on the Korean Peninsula was not accomplished but this hinted to focus on the assessment of sub-endemic species. It was resolved within the KPSG that the time-frame should be extended by two years to complete the assessment.

PLAN

Planning

T-004 Conservation activities: implement conservation actions related to *ex situ* and *in situ* conservation, including plant introductions. (KSR 8)

Number of conservation plans/strategies developed: 0

Result description: There was no consultation on species conservation plans for National Forests and National Institute of Ecology in 2023, but we are working to expand this in 2024.

Monitoring activities to assess the conservation status of *Scrophularia takeshimensis*, an endemic species of Ulleung Island, associated with target 002
Photos: Hui KIM



NETWORK

Membership

T-005 Expand KPSG membership. (KSR 2)
Number of SSC members recruited: 0
Result description: No new members joined in 2023, but we continue to invite researchers from the National Institute of Ecology, National Biological Resource Center, and National Arboretum to join and expect to see results soon.

Synergy

T-003 Provide technical advice on biodiversity policy to the national institutions and universities in Korea. (KSR 4)
Number of governments supported to develop species conservation policies: 3
Result description: For three years since 2022, KPSG has successfully continued its collaboration with the Korea National Arboretum on rare plant restoration and the regional network EABCN. It was agreed to extend the current goal for another five years beyond 2024.

Summary of achievements

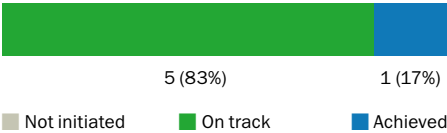
Total number of targets 2021–2025: 6

Geographic regions: 6 Asia

Actions during 2023:

Assess: 2 (KSR 6)
Plan: 1 (KSR 8)
Network: 2 (KSR 2, 4)

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

