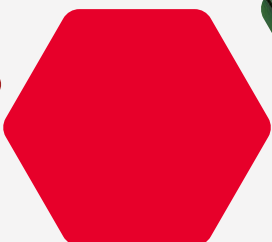




Species

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:

Deharveng, L. (2025). 2024-2025 Report of the Cave Invertebrate 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 Cave Invertebrate Specialist Group



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NUMBER OF MEMBERS
90

SOCIAL MEDIA AND WEBSITES

Website: <https://caveinvertebrates.org/>

Mission statement

The Cave Invertebrate Specialist Group (CISG) is a global network of experts working on organisms associated with karst and caves. Our goals are to contribute to increasing knowledge of these animals and plants, which are extremely rich in narrow endemics, and to promote conservation action through red listing, mostly focused on species under threats, such as limestone quarrying or water pollution.

Projected impact 2021–2025

Our activity will be progressively and significantly redirected towards more conservation-relevant species and sites, rather than towards multiple red listing of species not associated with clear conservation issues. We delivered a communication on this re-orientation at the Biospeleological Society Congress, held in Romania in July, 2022. In parallel, we are discussing special features of subterranean animal assessments, as they strongly differ from surface species in many important respects; we hope that this will impact positively the way they are assessed in the near future. We also expect it will have a real impact on conservation efficiency by targeting as a priority the species most at risk on critical sites.

Targets 2021–2025

ASSESS

T-001 Upgrade the Brazilian cave species from national to global IUCN Red List assessments.

Status: No longer a priority

T-002 Complete global Red List assessment of 20 cave species from Maros Karst, South Sulawesi, Indonesia.

Status: On track

T-003 Complete global Red List assessment of several cave species from Georgia.

Status: On track

T-004 Complete global Red List assessment of Remipedia.

Status: Not initiated

T-005 Complete global Red List assessment of a cave species from Hon Chong Karst, Viet Nam.

Status: Achieved

T-010 Revise the global Red List assessments for the Dinaric Cave Clam (*Congeria kuscieri*), which is now three species.

Status: Achieved

T-016 Complete assessments of stygobitic invertebrates of Somalia.

Status: On track

T-017 Complete global assessments of selected species from Dinaric karst.

Status: Not initiated

T-018 Complete red listing of selected cave species from the Komarnica karst (Montenegro) following Iva Njunjic field work in 2024, partly funded by the SSC internal grant.

Status: Not initiated

T-019 Complete assessment of cave invertebrates from the Nullarbor karst in Australia (Jess Marsh project).

Status: On track

T-021 Application to IUCN Internal EDGE species grant in collaboration with Croatian Biospeleological Society with a project 'Under the surface, under the radar – global assessments of selected EDGE species from Dinaric karst'.

Status: Not initiated

T-022 Complete global assessments of subterranean invertebrates from Rapa Nui.

Status: Not initiated

T-023 Review cave invertebrate assessments in Greek National Red List.

Status: On track

NETWORK

T-011 Participate in designating the 'Tony Whitten Conservation Prize' fund for grants on cave biodiversity of Southeast Asia.

Status: Achieved



Pygmarhopalites pygmaeus (Collembola) from Tute de Jovis (Pyrenees)
Photo: Huang Sunbin



Sumatrillo n.sp. (Isopoda Oniscida) from cave in Hon Chong (Southern Viet Nam)
Photo: Marko Lukic

COMMUNICATE

T-006 Develop CISG website.

Status: Achieved

T-007 Participate at the 21st International Conference on Subterranean Biology, Romania, 2022 (still waiting on confirmation that it will be held).

Status: Achieved

T-008 Co-organise symposium session on Biospeleology at the 18th International Congress of Speleology in Lyon, France, 2022.

Status: Achieved

T-009 Set up a network of regional contact persons for identifying and dealing with regional issues.

Status: On track

T-014 Publish data on hot spots of cave invertebrates, including evaluation of threats.

Status: Achieved

T-015 Address relevant communication requests from media platforms.

Status: Achieved

T-020 Participation and communication at the 26th International Conference on Subterranean Biology, Cagliari, Sardinia.

Status: Achieved

T-024 Maintain the Group's website.

Status: On track

Activities and results 2024-2025

COMMUNICATE

Scientific meetings

T-020 Participation and communication at the 26th International Conference on Subterranean Biology, Cagliari, Sardinia. (KSR 12)

Number of presentations delivered in scientific events: 1

Result description: The oral presentation by CISG Chair, Louis Deharveng and Programme Officer Ana Komerički, 'Application of the latest Guide to IUCN SSC Membership in SSC Cave Invertebrate Specialist Group' was presented by Ana Komerički in the 26th International Conference on Subterranean Biology/6th International Symposium on Anchialine Ecosystems, held in Cagliari, Sardinia, Italy on September 9-14, 2024. The audience was around 200 experts from all over the world, a large part of who are members of CISG.

Summary of achievements

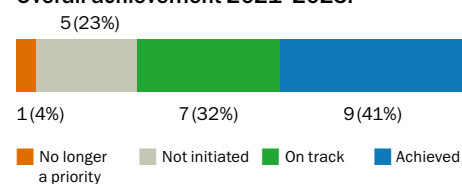
Total number of targets 2021–2025: 22

Geographic regions: 7 Global, 3 America, 4 Asia, 8 Europe, 2 Oceania

Actions during 2024-2025:

Communicate: 1 (KSR 12)

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