



# 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:

Kusrini, M. and Sunarto, S. 2024. 2023 Report of the Indonesia Species 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 Indonesia Species Specialist Group



**CO-CHAIR**  
**Mirza Kusriani**  
IPB University, Bogor,  
Indonesia



**CO-CHAIR**  
**Sunarto Sunarto**  
Permian Global,  
Bogor, Indonesia

**PROGRAMME OFFICER**  
**Celia Nova**  
IUCN SSC Indonesia  
Species Specialist  
Group, Bogor,  
Indonesia

**NUMBER OF MEMBERS**  
100

#### SOCIAL MEDIA AND WEBSITE

Website: <https://ctss.ipb.ac.id/idssg/>  
Instagram: @iucn\_idssg

### Mission statement

To coordinate nationwide expertise across taxonomic groups and disciplines to support the government and other stakeholders in concerted efforts to reverse the decline of species through evidence-based decision-making and policy development.

### Projected impact 2021–2025

The IUCN SSC Indonesia Species Specialist Group (IdSSG) is committed to developing a national Red List Assessment (RLA) program. To achieve this, we will gather experts from diverse regions and fields across Indonesia to form a task force. We will also conduct consultation processes with stakeholders and establish governance structures for the National RLA program. Additionally, we will actively engage with the government to secure support for Red List assessments initiated by other specialist groups, such as the assessment of banteng and wildcat species in Indonesia. Through these collaborative efforts, IdSSG strives to notably enhance biodiversity conservation in Indonesia for the years ahead.

### Targets 2021–2025

#### ASSESS

**T-001** Conduct gap analysis for Indonesian species (mammals, birds, reptiles, amphibia, fishes).  
Status: Achieved

**T-002** Conduct gap analysis research for terrestrial vertebrates Critically Endangered (CR) species in Indonesia by 2023.  
Status: On track

**T-003** Conduct National Red List for Indonesia Species (mammals, birds, reptiles, amphibia, fishes).  
Status: On track

**T-017** Compile a guideline of IUCN Red List and Green Status assessment in Bahasa Indonesia.  
Status: Not initiated

**T-018** Complete one training of IUCN Red List and Green Status assessment attended by IdSSG members from Sulawesi, North Maluku, Maluku, Papua, and West Papua.  
Status: Not initiated

#### PLAN

**T-004** Support the development of species conservation strategies.  
Status: On track

#### ACT

**T-006** Catalyse and support action focused on endemic species.  
Status: On track

**T-007** Provide technical consultations to support conservation actions.  
Status: Not initiated

#### NETWORK

**T-008** Establish networking and communication with the IUCN Asia Regional Office.  
Status: Achieved

**T-009** Establish partnerships with universities.  
Status: Achieved

**T-010** Collaboration with another IUCN SSC Specialist Group.  
Status: Achieved

**T-019** Connect members of IdSSG with the relevant SSC groups based on taxonomic expertise.  
Status: Not initiated

#### COMMUNICATE

**T-011** Establish communication with the Southeast Asia IUCN SSC Center for Species Survival.  
Status: On track

**T-012** Present the results from the Red List status analysis to the regional government agencies.  
Status: Not initiated

**T-013** Organise annual public presentations.  
Status: Not initiated

**T-014** Contribute with the SSC publications.  
Status: Not initiated

**T-015** Establish and develop website and social media.  
Status: Achieved



Red listing workshop for Mammals Sulawesi  
Photo: IUCN SSC Small Mammals



The signing of the Memorandum of Understanding (MoU) for the student internship program at Andalas University  
Photo: IdSSG

**T-016** Participate in joint campaigns.  
Status: Not initiated

### Activities and results 2023

#### ASSESS

##### Red List

**T-001** Conduct gap analysis for Indonesian species (mammals, birds, reptiles, amphibia, fishes). (KSR 5)

Number of reports produced: 5

Result description: We have conducted gap analyses for five priority taxa in Indonesia (mammals, birds, amphibians, reptiles, and fish). We developed a species data list for these taxa, including the updated IUCN Red List status and the year assessed. This list will help us identify priority species for the National Red List assessment.

[SSC Grant awarded]

#### NETWORK

##### Capacity building

**T-008** Establish networking and communication with the IUCN Asia Regional Office. (KSR 1)

Number of meetings with the representative: 1

Result description: In July 2023, we conducted a meeting with Satrio A. Wicaksono, the Forests Programme Officer at the IUCN Asia Regional Office. During the meeting, we discussed what IdSSG is currently working on, including the work plans, particularly focusing on the National Red List Assessment. Additionally, we explained the extent of IdSSG's communication with governments, discussed strategies and addressed the needs of IdSSG.

##### Synergy

**T-009** Establish partnerships with universities. (KSR 1)

Number of 'in-kind' partnerships established and maintained: 2

Result description: We have established partnerships with two universities, the IPB University and the Andalas University. The Center for Transdisciplinary and Sustainability Sciences (CTSS) at IPB University is supporting us by providing a joint office that we can use as our secretariat's base. We have also partnered with the Department of Forest Resources Conservation and Ecotourism (DFRCE) at IPB University, which has provided us with a room to conduct our first workshop with members in June 2023. Our second partnership is with Andalas University, where two students are assisting us as interns. Their job descriptions include collecting literature on threatened bird species in Sumatra, creating a poster on threatened birds in Sumatra, and assisting with membership follow-ups.

**T-010** Collaboration with another IUCN SSC Specialist Group. (KSR 3)

Number of specialist group collaborated: 2  
Result description: We collaborated with two specialist groups – the IUCN SSC Indonesian Plant Red List Authority (IPRLA) and the IUCN SSC Cat Specialist Group. With IPRLA, we discussed plans for developing the Indonesia National Red List Assessment, as their focus is on plants and they have experience in conducting such assessments. With the Cat SG, we conducted a webinar titled 'Current Status of Medium and Small Wild Cats in Indonesia' in June 2023. As a follow-up action, we provided them with a list of reviewers (Indonesian cat experts) for the Red List assessment of the Asiatic Golden Cat (*Catopuma temminckii*). Furthermore, we discussed plans for collaboration regarding Red List assessments of cat species occurring in Indonesia.

#### COMMUNICATE

##### Communication

**T-015** Establish and develop website and social media. (KSR 13)

Number of digital communication outputs developed in relation to specific taxonomic groups: 2

Result description: In 2023, we created an Instagram social media account for IdSSG (@iucn\_idssg) and a joint website page hosted on the CTSS IPB University's website.

#### Acknowledgements

The Indonesia Species SG would like to express gratitude for their support to the Center for Transdisciplinary and Sustainability Sciences (CTSS) IPB University, especially Prof. Dr Ir. Damayanti Buchori, M.Sc.; the Directorate of Biodiversity Conservation of Species and Genetics, Ministry of Environment and Forestry (MoEF), especially Drh Indra Eksploitasi Semiawan, M.Si., and Nunu Anugrah, S. Hut., M.Sc., and finally to the National Research and Innovation Agency (BRIN), especially Dr Amir Hamidy, M. Sc.

#### Summary of achievements

Total number of targets 2021–2025: 18

Geographic regions: 18 Asia

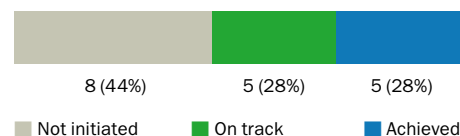
##### Actions during 2023:

Assess: 1 (KSR 5)

Network: 3 (KSR 1, 3)

Communicate: 1 (KSR 13)

##### Overall achievement 2021–2025:





*Nothobranchius fuscotaeniatus*  
Photo: Csenge Nagy



*Tetra Parnaiba*  
Photo: Karina Molina



*Trioceros hoehnelii*  
Photo: Christopher V. Anderson



*Sternberia lutea*  
Photo: Hayri Duman



*Egretta rufescens*  
Photo: Ernesto Gómez



*Lactifluus neotropicus*  
Photo: Aida Vasco



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