



# Species

ISSUE 63

## 2022 Report of the IUCN Species Survival Commission and Secretariat



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## 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.

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### 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.

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### 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 each year. Each SSC Group contributes to this document by providing a yearly summarised description of their achievements, which is presented in stand-alone reports.

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## Structure of the IUCN SSC Stand-alone Report

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

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### Title of the SSC Group

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### Photograph(s) of the Chair / Co-Chairs

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### Group information

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

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### Logo of the SSC Group

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### Mission statement

Includes the mission of the group.

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### 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.

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### Targets for the 2021-2025 quadrennium

Includes the targets planned by the SSC 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).

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### 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).

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### Acknowledgements

Includes the acknowledgements to funding agencies, partners, and persons who contributed to the progress of the targets of the group.

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### 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.

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### Example for the recommended citation:

Tatayah, V, and Baret, S. 2023. 2022 Report of the Mascarene Islands Plant Specialist Group. In: Nassar, JM, García, L, Mendoza, L, Andrade, ND, Bezeng, S, Birkhoff, J, Bohm, M, Canteiro, C, Geschke, J, Henriques, S, Ivande, S, Mileham, K, Ramos, M, Rodríguez, A, Rodríguez, JP, Street, B, and Yerena, E (Eds.). 2022 Report of the IUCN Species Survival Commission and Secretariat. International Union for Conservation of Nature. 4 pp.

Animalia

Fungi

Plantae

National Species

Disciplinary

Action Partnership

Task Force

Red List Authority

Committee

Center for Species Survival

## 2022 Report

# IUCN SSC Mascarene Islands Plant Specialist Group



#### CO-CHAIR

**Vikash Tatayah**  
Mauritian Wildlife  
Foundation, Vacoas,  
Republic of Mauritius



#### CO-CHAIR

**Stéphane Baret**  
Société Publique  
Locale Écologie et  
Développement  
Durable des Espaces  
Naturels, La Réunion,  
France

#### RED LIST AUTHORITY COORDINATOR

**Kersley Pynee**  
National Parks and  
Conservation Service,  
Ministry of Agro-  
Industry and Food  
Security, Réduit,  
Republic of Mauritius

#### NUMBER OF MEMBERS

30

### Mission statement

To conserve native plants of the Mascarene Islands.

### Projected impact 2021–2025

For La Réunion island: to update the IUCN status of protected plants and initiate the implementation of an automatic evaluation system, based on the different concrete actions (new plantations, knowledge enhancement), at the level of La Réunion island, and, if possible at the Mascarene archipelago scale.

### Targets 2021–2025

#### ASSESS

**T-001** Conduct Red List assessment for 25 endemic plants of Mauritius and Rodrigues by 2025.

Status: On track

#### PLAN

**T-003** Produce or update at least one site or species management plan per year.

Status: On track

#### ACT

**T-004** Identify threatened species to initiate conservation measures.

Status: On track

#### NETWORK

**T-002** Recruit three new members annually in Mauritius and Rodrigues.

Status: On track

#### COMMUNICATE

**T-005** Produce publications on plant conservation.

Status: On track

### Activities and results 2022

#### NETWORK

##### Membership

**T-002** Recruit at least one new member annually from Mauritius and Rodrigues. (KSR 2)

Number of SSC members recruited: 25

Result description: From current c. 25 official and unofficial (unregistered) members, we aim to recruit three new members – with an interest in flora – annually from Mauritius and Rodrigues, or abroad.

### Summary of achievements

Total number of targets 2021–2025: 5

Geographic regions: 5 Africa

Actions during 2022:

Network: 1 (KSR 2)

Overall achievement 2021–2025:



Not initiated

On track

Achieved



Foliage of a young Bois Puant (*Foetidia mauritiana*),  
endemic species of the Mascarenes  
Photo: B.navez (CC BY-SA 3.0)