FUCEN SSC Species Survival Commission

2021 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

Mission statement

To conserve native plants of the Mascarene Islands.

Projected impact 2021–2025

For La Réunion island, set up: (1) a system for automatic assessment of the status of protected plant populations, according to the different concrete actions (new plantations), at (a) the level of managed areas and (b) the island scale; (2) a series of localised arboreta (at the watershed-wide, for relevance to ecotypes and traceability), including rare, protected species, for future conservation action projects. For Mauritius: an increasing number of the endemic flora of Mauritius and Rodrigues assessed for the IUCN Red List; multiple collaborations between local NGO, private, government, and international institutions initiated or reinforced; improved capacity and increasing initiatives to save most threatened plants from extinction; institutions and members contributing to key national policies and dialogues; and raising awareness of the increasing threat of development, alien species, deforestation to biodiversity.

RED LIST AUTHORITY COORDINATOR Kersley Pynee National Parks and Conservation Service, Ministry of Agro-Industry and Food Security, Réduit, Republic of Mauritius

Targets 2021–2025

ASSESS

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

NUMBER OF MEMBERS

30

NETWORK

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

Activities and results 2021 ASSESS

Red List T-001 (KSR 6)

Number of species that have been assessed through the different tools: $13\,$

Result description: Thirteen (13) species assessments were submitted to the Red List Unit or are being reviewed.

NETWORK

Membership

T-002 (KSR 2)

Number of SSC members recruited: 5

Result description: Five new members were recruited to the group in 2021.

Acknowledgements

Vincent Boullet and Christian Fontaine for their skills and assistance in this work. We also acknowledge the departmental council, the SPL EDDEN, the national park, the botanical garden, and of course, the volunteers and numerous ONGs such as Plant ali, AVE2M, APN, working on the field in habitat restoration and the safeguarding of local plants and habitats. On Mauritius, the MIPSG wishes to acknowledge all partners working on species and ecosystems conservation (National Parks and Conservation Service, Forestry Service, Mauritius Herbarium, University of Mauritius, CIEL group, Ebony Forest, Medine Group, Air Mauritius, European Union, British High Commission, UNDP, BIOPAMA, WIOSAP, CEPF, BGCI, Conservatoire Botanique National de Brest (France), Durrell Wildlife Conservation Trust (UK), Missouri Botanical Garden (US)) and in Rodrigues (Forestry Service, François Leguat Reserve, European Union, UNDP, Mauritius Commercial Bank, Australian High Commission, Air Mauritius, Philadelphia Zoo and Chester Zoo), among others.



Bois Pasner (Zanthoxylum paniculatum) was, for the first recorded time ever, successfully propagated by graft in Rodrigues Photos: Alfred Begue

Summary of achievements Total number of targets 2021-2025: 2

Geographic regions: 2 Africa

Actions during 2021:

Assess: 1 (KSR 6) Network: 1 (KSR 2)

Overall achievement 2021-2025:



