

2021 Report

IUCN SSC Colombian Plant Specialist Group



SOCIAL MEDIA AND WEBSITE



CO-CHAIR

Cristina López-Gallego
University of Antioquia,
Medellin, Colombia



CO-CHAIR

Carolina Castellanos-
Castro
Alexander von
Humboldt Institute,
Bogota, Colombia

RED LIST AUTHORITY

COORDINATOR
Nelson Salinas
New York Botanical
Garden, US

NUMBER OF MEMBERS

26

Mission statement

To generate baseline information to support decision making for plant conservation by different stakeholders in Colombia.

Projected impact 2021–2025

Our Specialist Group will provide important input to the National Strategy for Plant Conservation of Colombia, in terms of Red List assessments and inclusion of threatened species in legislation, use of plant information to identify Key Biodiversity Areas (KBAs) and contribute to other spatial conservation planning, and concrete actions in our conservation plans for strategic groups (timber, palms, cycads, orchids, magnolias, cacti and others).

Targets 2021–2025

ASSESS

T-001 Publish at least 4,000 Red List assessments to contribute to the 'Colombian Plant Red List', mostly to finish assessing all country endemics and for strategic taxonomic groups.

PLAN

T-005 Design at least four conservation action plans for strategic groups to advance plant conservation in the country.

T-006 Contribute to national policy instruments focused on species conservation.

ACT

T-002 Update the four existing conservation action plans for strategic groups to advance plant conservation in the country.

T-003 Incorporate at least 50% of identified threatened species in projects to identify and validate priority areas for plant conservation (e.g. KBAs, Tropical Important Plant Areas (TIPAs) and others).

T-007 Generate knowledge to support the sustainable use of plant species.

COMMUNICATE

T-004 Design at least four concrete products that relevant stakeholders could use for plant conservation decision making in the country (e.g. technical reports, communications with recommendations, etc.).

Activities and results 2021

ASSESS

Red List

T-001 (KSR 6)

Number of new global Red List assessments completed: 700

Result description: We submitted 700 assessments to the Red List Unit on species endemic to Colombia from groups of plants with potential use, as a contribution to the IUCN Plants for People programme.

We signed an agreement with Botanic Gardens Conservation International (BGCI) to keep contributing to the Global Tree Assessment by assessing 860 trees present in Colombia and neighbouring countries.

PLAN

Policy

T-006 (KSR 9)

Number of policies where SSC members provided technical input: 1

Result description: The Colombian Plant Specialist Group (CPSG) is actively collaborating with a large initiative to promote research and conservation action for epiphytic plants of Colombia. We have helped organise public events and discussions that will produce papers and technical documents to inform national policies and legislation on existing conservation for these plants in the country.

COMMUNICATE

Communication

T-004 (KSR 13)

Number of digital communication outputs developed in relation to specific taxonomic groups: 1

Result description: Members of the CPSG, in collaboration with researchers at Royal Botanic Gardens, Kew in the UK, will produce a book chapter focused on identifying



Bromeliads and Orchids in Colombia
Photo: Cristina López-Gallego



Carnivorous and wetland plants in Colombia
Photo: Cristina López-Gallego

priorities for species conservation of useful Colombian plants: Kor, L., Lopez-Gallego, C., Castellanos-Castro, C. and Diazgranados, M. In press. Assessing extinction risk coverage and identifying geographical hotspots to guide conservation action for Colombia's useful plants. In: Negrão, R., Monro, A., Castellanos-Castro, C. and Diazgranados, M. (eds.) Useful Plants of Colombia. London, UK: Royal Botanic Gardens, Kew.

Acknowledgements

The Colombian Plant Specialist Group thanks all the support that Instituto Alexander von Humboldt and University of Antioquia provided as host institutions for all our activities. We collaborated with Royal Botanic Gardens, Kew and the IUCN Plants for People programme to produce Red List assessments and use them to produce useful inputs for conservation planning.

Summary of achievements

Total number of targets 2021–2025: 7

Geographic regions: 7 America

Actions during 2021:

Assess: 1 (KSR 6)

Communicate: 1 (KSR 13)

Overall achievement 2021–2025:

