



IUCN



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

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.

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.

Title of the SSC Group

Photograph(s) of the Chair / Co-Chairs

Group information

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Committee

Center for Species Survival



2022 Report

IUCN SSC Conservation Genetics Specialist Group

CO-CHAIR	CO-CHAIR	NUMBER OF MEMBERS
Gernot Segelbacher University of Freiburg, Germany	Margaret E. Hunter US Geological Survey, Wetland and Aquatic Research Center, US	80

Mission statement

The Conservation Genetics Specialist Group (CGSG) will establish guidance for pressing genetic policy and management issues. The CGSG also provides genetic advice on policy and management within IUCN's Species Survival Commission (SSC) and expert knowledge and assistance to SSC Specialist Groups. The CGSG will facilitate a fuller appreciation, evaluation and conservation of genetic diversity and resources at all levels, providing a forum for all stakeholders to value and conserve this crucial element of Planet Earth's life systems.

Projected impact 2021–2025

Not stated yet.

Targets 2021–2025

ASSESS

T-003 Develop a guidance document for the use of genetics in red listing.
Status: On track

PLAN

T-001 Publish an IUCN Guidance document for monitoring changes in genetic diversity.
Status: Achieved

T-002 Develop a guidance document on biobanks and planning for conservation of intra-specific

Acknowledgements

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G-BIKE made it possible to join COP 15 and
