



Species

ISSUE 63

2022 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 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.

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.

Title of the SSC Group

Photograph(s) of the Chair / Co-Chairs

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.

Logo of the SSC 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 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.

Example for the recommended citation:

Wood, J and Cerbini, C. 2023. 2022 Report of the Pigeon and Dove 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 Pigeon and Dove Specialist Group



CO-CHAIR
Joe Wood

Toledo Zoo, Toledo, Ohio, US



CO-CHAIR
Charles Cerbini

Wildlife Conservation Society/Bronx Zoo, Bronx, New York, US

RED LIST AUTHORITY COORDINATOR
BirdLife International (Simon Bruslund)

NUMBER OF MEMBERS
44

SOCIAL MEDIA AND WEBSITE
Facebook: @IUCNSSCPigeonandDove
Instagram: @iucn_pigeons
Twitter: @IUCN_Pigeons

Mission statement

Columbiformes (pigeons and doves) currently rank as one of the most threatened avian orders in the world – a consequence of a range of pressures including habitat loss and degradation, invasive alien species, hunting and climate change. A determination to reverse this worrying trend was the impetus behind the creation of the IUCN SSC Pigeon and Dove Specialist Group (PDSG). Key activities of the group will include collaborating with BirdLife International to assess and monitor the status of Columbiform species, raising the profile of threatened pigeons and doves, and convening expertise for conservation. We intend to draft action plans for priority species, and will seek to source the funding required for the implementation of these plans and prioritise monitoring and evaluation of conservation efforts.

Projected impact for 2021–2025

By the end of 2025, we will have established the Pigeon and Dove Specialist Group as a global force for the conservation of Columbiformes. This will include growing the group’s membership (with a particular emphasis on increasing representation from the Global South), collaborating with the Bird Red List Authority to identify species for updated assessment, and

developing a communications strategy. A current priority is the Manumea (*Didunculus strigirostris*). We will be assisting with the implementation of a Recovery Plan for this species, beginning with the coordination of a Captive Breeding Feasibility Study.

Targets for 2021–2025

ASSESS

T-002 Produce four annual submissions to Birdlife International, the Bird Red List Authority, which collate information relevant to the assessment of Columbiform species. Status: On track

T-004 Identify 10 species for updated assessment on the IUCN Red List by 2022. Status: On track

PLAN

T-005 By 2024, convene a workshop to review and update the *Conservation Assessment and Management Plan for Pigeons and Doves* (CBSG & ICBP, 1993). Status: Not initiated

T-006 Work with the Conservation Planning Specialist Group to organise at least one planning workshop for a priority species and draft the subsequent action plan by 2024. Status: Not initiated

ACT

T-008 Based on existing EDGE and IUCN Red List priorities, assist with the implementation of the Manumea Recovery Plan (MNRE & SCS, 2020), with an emphasis on mounting a large-scale search for Manumea (*Didunculus strigirostris*) by 2023 and progressing the other set goals. Status: Achieved

T-009 Produce a feasibility study relating to an *ex situ* programme for manumea by 2022. Status: On track

T-010 Initiate direct support for at least two additional programmes focused on priority species by 2024. Status: On track

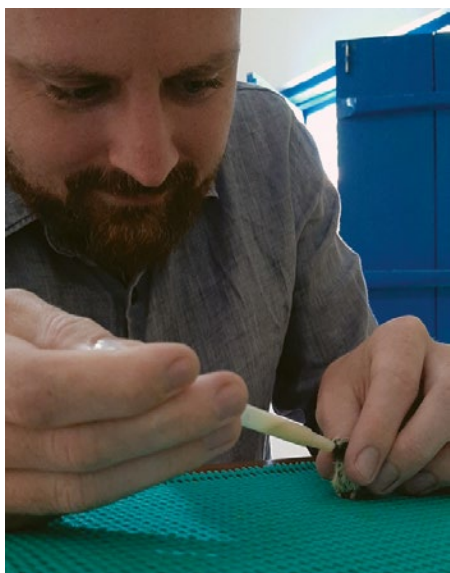
NETWORK

T-001 Recruit at least 40 new members by 2025, with a focus on increasing representation from the Global South. Status: On track

COMMUNICATE

T-012 Establish an active social media presence by 2022. Status: Achieved

T-013 Produce the first Specialist Group newsletter by 2022, with subsequent editions released every six months thereafter. Status: Not initiated



Joe Wood, Co-Chair of the Specialist Group, feeding the first Blue-eyed Ground Dove (*Columbina cyanopis*) chick to be hatched under human care
Photo: Ben Phalan/Parque das Aves



Subadult pair of Blue-eyed Ground Doves (*Columbina cyanopis*) at Parque das Aves
Photo: Ben Phalan/Parque das Aves

Activities and results for 2022

ASSESS

Red List

T-002 Produce four annual submissions to Birdlife International, the Bird Red List Authority, which collate information relevant to the assessment of Columbiform species. (KSR 6)

Number of technical documents provided to support Red List assessments/reassessments: 1

Result description: PDSG Members, via the Red List Coordinator, contributed to discussions on Columbiform species being considered for reassessment under IUCN Red List Criteria during 2022.

ACT

Conservation actions

T-008 Based on existing EDGE and IUCN Red List priorities, assist with the implementation of the Manumea Recovery Plan (MNRE & SCS, 2020), with an emphasis on mounting a large-scale search for manumea (*D. strigirostris*) by 2023 and progressing toward the other set goals. (KSR 10)

Number of actions addressing major drivers/emerging threats of species or population loss: 0

Result description: The Specialist Group worked with Birdlife International, the Samoan Ministry of Environment and Natural Resources and the Samoa

Conservation Society in planning an intensive search for Manumea, scheduled to begin in July 2023. Funding was secured from Toledo Zoo, The Zoological Society of London and Auckland Zoo.

T-010 Initiate direct support for at least two additional programmes focused on priority species by 2024. (KSR 10)

Number of actions addressing major drivers/emerging threats of species or population loss: 1

Result description: Direct support was provided for efforts, led by SAVE Brazil and Parque das Aves, to establish a captive population of Blue-eyed Ground Doves (*Columbina cyanopis*).

NETWORK

Membership

T-001 Recruit at least 40 new members by 2025, with a focus on increasing representation from the Global South. (KSR 2)

Number of SSC members recruited: 4

Result description: Some members encountered difficulties when attempting to re-register for the new quadrennium. We are encouraging these people, as well as those 'unofficial' members who have never registered, to register now. We will be appointing a member of the group Steering Committee as focal point for increasing representation from the global south.

Acknowledgements

The Specialist Group would like to acknowledge Toledo Zoo for their role in supporting the group's activities and extend our sincere thanks.

Summary of achievements

Total number of targets for 2021–2025: 10

Geographic regions: 8 Global, 2 Oceania

Actions during 2022:

Assess: 1 (KSR 6)

Act: 2 (KSR 10)

Network: 1 (KSR 2)

Overall achievement 2021–2025:

