

Species

ISSUE 63

2022 Report of the IUCN Species Survival Commission and Secretariat



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

Incl(n)ßs2.76 (or)h4-3.1.5 0 9.Tm13.4eh s i-1.197 (f t)-4.9 4v i (t)4 (o)-47.9 (1.197 (f t)-4.9 4)-29 (v)-498 (09.1 (. s)1.5 (, Vi)-1..2 (c)3.5 (c07 Td(e/ C)-

Committee

Center for Species Survival



2022 Report

IUCN SSC Grasshopper Specialist Group



CO-CHAIR
A H c c
Trier University,
Germany



CO-CHAIR
Ka U b
Western Sydney
University, Australia

**RED LIST AUTHORITY
COORDINATOR**
Ba O
Stichting Floron,
Amsterdam,
The Netherlands

NUMBER OF MEMBERS
130

SOCIAL MEDIA AND WEBSITE
Facebook: IUCN SSC Grasshopper
Specialist Group(r)-8.8 (io8)

T-014 Conduct population monitoring for the Atlantic Beach-cricket (*Pedergreiceae*) in the British Isles.

Status: On track

T-024 Implement guidelines for the protection of the Giant-cricket (*Brachyegaceha*).

Status: Not initiated

T-026 Implement the conservation strategy for Crau Plain Grasshopper (*Phidaica*).

Status: On track

T-027 Translocate the Common Field-cricket (*Grucarena*) in Cologne.

Status: Achieved

T-028 Develop and implement habitat management for the Common Saw Bush-cricket (*Barbierena*).

Status: On track

T-032 Implement the conservation strategy for the Cika Mountain Grasshopper (*Pendicera*).

Status: On track

T-038 Submission for legal protection of Mt. Buffalo Skyhopper (*Karcarenicu*) on the Environment Protection and Biodiversity Conservation Act (EPBCA).

Status: Not initiated

T-039 Implement conservation measures for the Albanian Saddle Bush-cricket (*Urvedrhachiac*).

Status: On track

NETWORK

T-001 Organise the Third European Congress on Orthoptera Conservation.
Status: Achieved

T-033 Hold virtual meetings of the Grasshopper Specialist Group.
Status: Achieved

T-034 Expand the membership of the Group by adding more phasmid experts.
Status: Achieved

T-036 Organise a symposium on Phasmod conservation.
Status: Achieved

T-040 Expanding membership in Asia.
Status: Not initiated

T-041 Organise the 2nd Symposium on Grasshoppers.
Status: Not initiated

COMMUNICATE

T-029 Publish the next volume of the *Newsletter*.
Status: On track

Activities and results 2022

ASSESS Red List

T-004 C R L a
Ra -bac B - (X a).
(KSR 6)

Number of new global Red List assessments completed: 0

Result description: In 2022, Ricardo Mariño-Pérez conducted two expeditions to find Tanaoceridae (California and Nevada, USA) and Xyronotidae (Veracruz, Oaxaca and Chiapas, Mexico). These expeditions were funded by the SSC EDGE Internal Grants. The data will now be used to update the Red List assessments.

T-005 C R L a
Tacaaa. (KSR 6)

Number of new global Red List assessments completed: 0

Result description: In 2022, Ricardo Mariño-Pérez conducted two expeditions to find Tanaoceridae (California and Nevada, USA) and Xyronotidae (Veracruz, Oaxaca and Chiapas, Mexico). These expeditions were funded by the SSC EDGE Internal Grants. The data will now be used to update the Red List assessments.

T-006 C R L a
100Maaba. (KSR 6)

Number of new global Red List assessments completed: 0

Result description: Assessments of Malagasy Grasshoppers have been initiated and it is planned to submit 30 assessments in 2023.

T-009 C R L a
ScacOa. (KSR 6)

Number of new global Red List assessments completed: 0

Result description: Assessments of 29 Socotran endemic Orthoptera have been started and will be submitted in 2023.

T-011 Conservation of Grasshoppers in the Western Ghats (India). (KSR 6)

Number of new global Red List assessments completed: 0

Result description: Dhaneesh Bhaskar has created the first draft Red List assessments of Grasshopper species from the Western Ghats (India).

T-019 Conservation of Anatolian Saga crickets. (KSR 6)

Number of new global Red List assessments completed: 0

Result description: Some first-draft assessments of Anatolian *Saga* species have been created by Denis Şirin.

Research activities

T-021 Ecological Monitoring of the Green Bush-cricket (*P. barreto*). (KSR 5)

Number of research projects completed or supported by SSC members per taxonomic group and region: 1

Result description: Howon Rhee and co-researchers have published a paper on the effects of wildfires on the Madeiran Green Bush-cricket (*P. barreto*) and the Gran Canaria Green Bush-cricket (*Caeraria alvaredi*) (Rhee, H. et al. (2022). 'Strong negative effects of recent wildfires on two endemic Macaronesian Bush-crickets'.

International Journal of Biodiversity and Conservation. Found at: <https://doi.org/10.1111/icad.12618>).

PLAN

Planning

T-018 Development of Conservation Plans for the Green Bush-cricket (*I. beybienkoi*) in the Iberian Peninsula. (KSR 8)

Number of conservation plans/strategies developed: 0

Result description: In order to develop conservation plans for the Green Bush-cricket (*I. beybienkoi*) in the Iberian Peninsula, a project was initiated in 2022. The project aims to assess the conservation status of the species and develop appropriate management plans. The project is currently in the planning stage and no conservation plans have been developed yet.

Number of species with increased or prevented decrease in population or range size, as a result of conservation actions: 0

Result description: Conservation management in the remaining habitats of the Crau Plain Grasshopper has been adapted with fencing an important area in Peau de