

# IUCN SSC Invertebrate Conservation Committee



**CHAIR**  
Axel Hochkirch  
Trier University,  
Germany

**NUMBER OF MEMBERS**  
11

**SOCIAL MEDIA AND WEBSITE**  
Facebook: @IUCN.SSC.ICC

## Mission statement

The mission of the Invertebrate Conservation Committee (ICC) is to foster the conservation of terrestrial and freshwater invertebrates and their habitats around the world. We assess their conservation status, raise awareness and engage in practical conservation of these most species rich taxonomic groups on Earth.

## Projected impact 2021–2025

We aim to expand coverage of biodiversity within the IUCN SSC by adding more Specialist Groups for invertebrate taxa and raise the profile of invertebrates on the international conservation agenda.

## Targets 2021–2025

### ASSESS

T-008 Conduct dung beetle Red List assessments.

T-011 Assess South African millipedes.

### PLAN

T-007 Develop three conservation strategies for threatened European pollinators.

### ACT

T-004 Conduct an integrative multi-taxa Assess-Plan-Act Project in the Nilgiri Biosphere Reserve (India).

T-005 Publish an article on how Red List assessments lead to conservation action.

T-006 Send an Intervention Letter regarding Ayyalon Cave.

## NETWORK

T-002 Increase the number of Invertebrate Specialist Groups.

T-003 Organise an international congress on invertebrate conservation.

T-009 Establish a Dung Beetle Specialist Group.

T-010 Expand the scope of the Butterfly Specialist Group to include moths.

## COMMUNICATE

T-001 Develop Guidelines for Invertebrate Conservation in Protected Areas.

## Activities and results 2021

### ASSESS

#### Red List

T-011 (KSR 6)

**Number of new global Red List assessments completed: 73**

**Result description:** A total of 73 Red List assessments for South African millipedes were conducted, including 31 re-assessments.

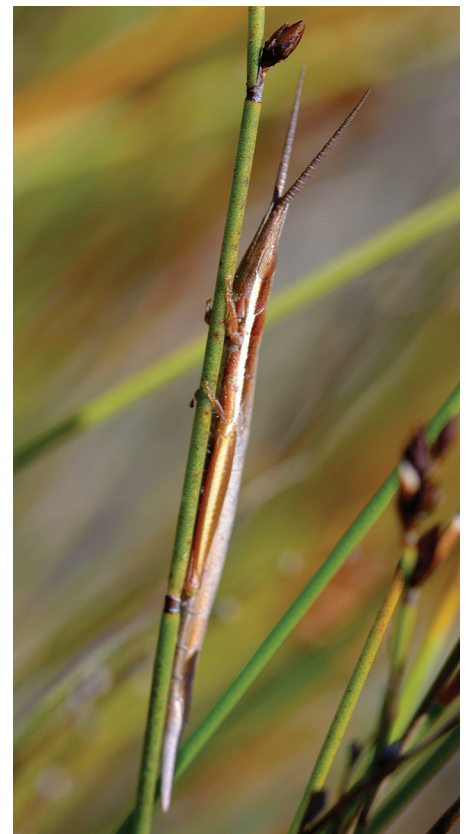
### PLAN

#### Planning

T-007 (KSR 8)

**Number of conservation plans/strategies developed: 1**

**Result description:** Funded by the European Commission, we have started to develop three conservation action plans for threatened pollinators. The first one (for Canarian Pollinators) was completed in 2021.



*Betiscoides meridionalis*, an endemic grasshopper from South Africa  
Photo: Axel Hochkirch



The fly *Tachina fera*. Its larvae are parasitoids of moth caterpillars  
Photo: Axel Hochkirch

## ACT

### Conservation actions

T-004 (KSR 10)

**Number of areas under management for the species or group of species:** 0

**Result description:** A first survey project in the Nilgiri Mountains has been started by Dhaneesh Bhaskar. Further planning has been postponed due to the COVID-19 pandemic.

T-006 (KSR 10)

**Number of intervention letters addressing major drivers/emerging threats of species or population loss:** 1

**Result description:** An intervention letter to prevent deterioration of Ayyalon Cave in Israel was sent to the authorities and the road construction plans have been changed as a result of the intervention.

## NETWORK

### Membership

T-002 (KSR 2)

**Number of new SSC groups established:** 2

**Result description:** In 2021, two new Specialist Groups for invertebrates were approved (Mite Specialist Group, Ant Specialist Group).

T-009 (KSR 2)

**Number of new SSC groups established:** 0

**Result description:** Three virtual meetings with dung beetle specialists were held with the aim of establishing a Dung Beetle Specialist Group.

T-010 (KSR 2)

**Name change and addition of new members:** 1

**Result description:** The Butterfly Specialist Group has been changed to become the Butterfly and Moth Specialist Group with a new, additional Co-Chair (Mike Jordan).

### Synergy

T-003 (KSR 3)

**Congress held:** 0

**Result description:** Due to the COVID-19 pandemic, organisation of the congress has been postponed.

## COMMUNICATE

### Communication

T-001 (KSR 13)

**Number of digital communication outputs developed in relation to specific taxonomic groups:** 0

**Result description:** The structure of IUCN guidelines for invertebrate conservation in protected areas has been drafted and will be discussed with ICC members in 2022.

## Acknowledgements

We are grateful to the SSC Chairs' Office for constant support, including SSC internal grants. We also want to thank Sergio Henriques (Global Center for Species Survival) for his help. Finally, we are grateful to the Mohamed bin Zayed Species Conservation Fund.



Dung beetle (*Bubas bubalus* (Olivier, 1811)) from Southern Portugal. A species that has been introduced in Australia to address the expansion of cattle farming in the country  
Photo: Sergio Henriques

## Summary of achievements

**Total number of targets 2021–2025:** 11

**Geographic regions:** 7 Global, 1 Africa, 2 Asia, 1 Europe

### Actions during 2021:

Assess: 1 (KSR 6)

Plan: 1 (KSR 8)

Act: 2 (KSR 10)

Network: 4 (KSR 2, 3)

Communicate: 1 (KSR 13)

### Overall achievement 2021–2025:

