

# Species

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# 2023 Report

of the IUCN Species Survival Commission and Secretariat



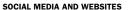
Stand-alone reports summarize the activities conducted and results generated by	
each group member of the SSC and CSS.	
Following, is the structure of the stand-alone	
report and the contents under each session.	
Title of the group	
	Committee
Photograph(s) of the Chair/Co-Chairs	
Croup information	Center for Species Survival
Group information Includes names of Chair/Co-Chairs, Vice-	
Chairs, Deputy Chairs, Red List Authory	
Coordinators, Program Of cers, Species	
Survival Directors, and Species Survival	
Of cers, their institutional af liations,	
number of members and social networks	
currently active.	
Logo of the group	
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## 2023 Report

## IUCN SSC Butterfly and Moth Specialist Group





Facebook: IUCN SSC Butter y & Moth Specialist Group
X: @IUCNButter ySG



CO-CHAIR Monika B-hm

Global Center for Species Survival, Indianapolis Zoo, Indianapolis, Indiana, IIS



CO-CHAIR
Mike Jordan

Chester Zoo, UK

RED LIST AUTHORITY COORDINATOR Monika B-hm

Global Center for Species Survival, Indianapolis Zoo, Indianapolis, Indiana, US NUMBER OF MEMBERS

52

#### Mission statement

The mission of the IUCN SSC Butter y and Moth Specialist Group is to increase knowledge on the taxonomy, ecology and conservation status of Butter ies and Moths around the world and promote their long-term conservation.

#### Projected impact 2021-2025

Increased awareness of Butter y and Moth status through assessment and outreach; increased action in Butter y conservation through establishment of action plans (e.g. Swallowtails); increased capacity for species assessment and conservation planning within the Specialist Group.

#### Targets 2021-2025

#### ASSESS

**T-003** Create a global inventory of Butter y monitoring schemes and available time series data (with collaborators) to help us assess data gaps and capacity needs and build a Living Planet Index for Butter ies. Status: On track

**T-007** Support the development of national or regional Red List assessments for Butter lies and Moths and improve linkages between national Red Lists and the global IUCN Red List (facilitate upload of assessments from national Red Lists to the global IUCN Red List).



producing Red List assessments for several Butter y and Moth species that will subseGroup member Holly Mynott. Speci cally, Butter y and Moth SG member Federico Riva presented the current data available for a Global Butter y Index. The symposium was chaired by SG Co-Chair Monni Böhm and SG member Holly Mynott. We provided social media outreach throughout and after the conference about the symposium (see target T-013 for details) and featured a write-up in our annual newsletter, which will be published in early 2024.

T-017 Iden if, addi ional priori, gro. p for a e men and con er a ion planning, e.g. Green S a , Red Li , Clima e Change a e men . (KSR 6)

Number of species that have been assessed through the different tools: 0 Result description: The following assessment priorities were identi ed during 2023, especially with the view of upcoming SSC Internal and EDGE grants for the period 2023-24: (1) South Caucasus endemic Butter y species ,  $\dot{}$  ,  $\dot{}$  : we prepared, submitted and were successful with a proposal supporting assessments of ve of these species (SSC Internal Grant; see also Target 022); (2) -1, -1 : the only member of its family, the Metalmark Butter ies (Riodinidae), found in the Caribbean. Additionally, this species is

the only member of its genus, and the genus is the only member of its tribe (Dianesiini). The species is found only in Cuba and the Bahamas. Specialist Group member Keith Willmott prepared a proposal to support the assessment of this distinctive species (Internal EDGE grant) which received funding for 2024; (3) The highly range-restricted Neotropical bamboo-feeding Euptychiina Butter ies: at least 46 species with highly restricted distributions. Specialist Group member Keith Willmott prepared a proposal to support data collection and capacity building toward an assessment of these highly restricted species (Internal EDGE grant) which was unsuccessful.

SSC Gran a arded

### NETWORK

#### Membership

T-002 Increa e he global reach of he Gro. p o incl. de a di er i, of member co ering a lea 40 co n rie . (KSR 2)

Number of SSC members recruited: 9

Result description: In 2023, the Group welcomed nine new members from three countries. The group now has 52 members representing 24 countries.

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#### Capacity building

T-018 De elop par ner hip  $\chi$  i h rele an organi a ion (e.g. B. er., Con er. a ion, eB. er., ) o impro e acce — o con er. a ion-rele an da a, and co erage and capaci, of moni oring for Lepidop era. (KSR 3)

Increased number of collaborations: Ongoing.

Result description: We continued our collaborative work with our partner organisations, including Butter y Conservation, Butter y Conservation Europe, Vlinderstichting (Netherlands), the Living Planet Index

of Insects, we have further engaged with various researchers and organisations/ networks in North America, especially to discuss how Butter y monitoring data can be best used for North American species assessments — e.g. with Albuquerque BioPark, Xerces Society, RCN Status of Insects, the University of Nevada Reno, etc. We also reviewed and commented on the Species Status Assessment (SSA) for three taxa of Amazonian Swallowtails for the US Fish and Wildlife Service (US FWS).

T-023 Work clo el  $\chi$  i h IUCN SSC In er ebra e Con er a ion Commi ee and o her in er ebra e SSC gro. p on ac i. i ie rele an o B. er , and Mo h con er a ion. (KSR 3)

Number of outputs crea(s)1.6 (, t)-15.8 (h)-10.35 416.62

can be foc. ed (e.g. aro. nd World S, allo, ail Da, , p. blica ion of cien i c o. p. , e c.). (KSR 13)

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

Result description: In 2023, we produced regular digital communications on X (formerly Twitter) on the Butter y Monitoring symposium at the Biology of Butter ies Conference in Prague (July 2023). We have unrolled the threads here for easier access: Threads #1, Threads #2, Threads #3. In addition, we also engaged with social media content for Moth Week (July 2023).

#### Scientific meetings

T-013 Impro e comm. nica ion  $_{\chi}$  i h he member hip and  $a_{\chi}$  ider a dience hro. gh ne le er , blog , Facebook and T i er pre ence, podca , e c., $_{\chi}$  i h  $_{\chi}$  o major o. p. per, ear aro. nd $_{\chi}$  hich engagemen can be foc. ed (e.g. aro. nd World  $S_{\chi}$  alle ail Da , p. blica ion of cien i c o. p. , e c.). (KSR 12)

