

IUCN SSC Mayfly, Stonefly and Caddisfly Specialist Group

2019 Report



Craig Macadam



Astrid Schmidt-Kloiber

Co-Chairs

Craig Macadam ⁽¹⁾
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Red List Authority Coordinator

Lyndall Pereira da Conceicao ⁽³⁾

Location/Affiliation

⁽¹⁾ Buglife - The Invertebrate Conservation Trust,
Stirling, UK
⁽²⁾ BOKU - University of Natural Resources
& Life Sciences, Vienna, Austria
⁽³⁾ Natural History Museum, London, UK

Number of members

24

Social networks

Twitter: @IUCN_riverflies



Mission statement

The mission of our group is to promote the conservation of Mayfly, Stonefly and Caddisfly species and their habitats around the world. Our goal is to raise awareness of these important orders of small insects and undertake Red List assessments to inform practical conservation activities.

Projected impact for the 2017-2020 quadrennium

The focus of the Mayfly, Stonefly and Caddisfly Specialist Group (MSCSG) for the remaining years of the quadrennium is on fully establishing the group and undertaking assessments of a small number of Ephemeroptera, Plecoptera and Trichoptera species.

Targets for the 2017-2020 quadrennium

Assess

Red List: (1) organise a meeting to progress Red Listing of a selection of 20 African Ephemeroptera species thought to be endangered; (2) assess 25 micro-endemic and a further 25 randomly selected European Trichoptera species; (3) organise a meeting to progress Red Listing of 25 Plecoptera species at a global level.

Network

Membership: continue to invite members (taking into account a balanced representation across geography, gender and age) to join the newly established group.

Proposal development and funding: prepare a funding application to undertake Red List assessment of all European Trichoptera.

Synergy: (1) organise a meeting of the Co-Chairs and Red List Authority Coordinator; (2) organise a meeting for all members of the MSCSG.

Communicate

Communication: (1) develop a logo and a website for the group; (2) create Twitter and Instagram accounts to establish a social media presence for the MSCSG; (3) organise an awareness-raising campaign in connection to the World Fish Migration Day (16 May 2020).

Activities and results 2019

Assess

Red List

- i.** A meeting was held in December 2019 with relevant experts to discuss Red List assessments for Madagascan Ephemeroptera. Discussions are also underway with an expert in South Africa about undertaking assessments for endemic Ephemeroptera species. (KSR #1)
- ii.** Data on 25 micro-endemic and a further 25 randomly selected European Trichoptera species are available for the assessments; however, we lack funding to bring together experts to undertake the assessments. (KSR #1)

Isogenus nubecula
Photo: Wolfram Graf / Astrid Schmidt-Kloiber



Probosciodoplocia sp.
Photo: Ben Price

Hagenella clathrata
Photo: Wolfram Graf / Astrid Schmidt-Kloiber



Network

Membership

i. We have invited a core group of 20 members to join the Specialist Group. Further members will be invited to join the group on a geographical basis as we progress Red List assessments.

Synergy

i. Two virtual meetings of the Co-Chairs and Red List Authority were held in 2019. In addition, the Red List Authority and one of the Co-Chairs attended the Fourth SSC Leaders' Meeting in October.

Communicate

Communication

i. Our logo is ready but we have not yet progressed with the development of the webpages. (KSR #28)

ii. Our Twitter account was created @IUCN_riverflies and currently has 68 followers. (KSR #28)

Acknowledgements

Thanks to Buglife and BOKU for supporting the MSCSG Co-Chairs, and National Museums Scotland for supporting the Red List Authority. Thanks also to Edgard Yerena for his assistance.

Summary of activities 2019

Components of Species Conservation Cycle: 3/5

Assess	2	
Network	2	
Communicate	2	

Main KSRs addressed: 1, 28

KSR: Key Species Result