

IUCN SSC Mayfly, Stonefly and Caddisfly Specialist Group

2020 Report



Craig Macadam



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Co-Chairs

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Red List Authority Coordinator

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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

23

Social networks

Twitter: @IUCN_riverflies

Website:

www.iucn.org/commissions/ssc-groups/invertebrates/mayfly-stonefly-and-caddisfly



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 small but important insect orders 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 2020

Assess

Red List

i. Preliminary assessments have been made for 97 species of Madagascan Ephemeroptera; however, these now need input from relevant experts. This has not been possible this year. (KSR #1)

Network

Membership

i. We have continued to invite members; however, we are now looking at targeting membership with group activities, particularly geographical assessments of taxa.

Proposal development and funding

i. A proposal to undertake assessments of European Trichoptera was included in the Red List strategic plan for 2020 to 2030. (KSR #9)

Synergy

i. Several meetings of the Co-Chairs and Red List Authority Coordinator have been held during the year.

ii. It was hoped that a meeting of the full group could be held during 2020; however, this was not possible, in part due to other pressures relating to the COVID-19 pandemic. We plan to organise meetings at the international conferences for Ephemeroptera and Plecoptera as well as Trichoptera (scheduled for June and September 2022).



Lepidostoma scotti
Photo: Wolfram Graf



Prosopistoma sp.
Photo: Wolfram Graf

Communicate

Communication

- i. Webpages were produced and are now available at www.iucn.org/commissions/ssc-groups/invertebrates/mayfly-stonefly-and-caddisfly. Our logo was also produced and launched via our Twitter account on 27 April 2020. (KSR #28)
- ii. Our Twitter account (@IUCN_riverflies, created in November 2019) has 326 followers to date. (KSR #28)
- iii. Due to the COVID-19 pandemic, the World Fish Migration Day (16 May 2020) was postponed to October and mainly took place virtually. As we wanted to reach people at live events, this goal was not achieved. (KSR #28)

Acknowledgements

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Summary of activities 2020

Species Conservation Cycle ratio: 3/5

Assess	1	
Network	4	
Communicate	3	

Main KSRs addressed: 1, 9, 28

KSR: Key Species Result