



Co-Chairs

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Location/Affiliation

- (1) Department of Biology, Tufts University, Medford, Massachusetts, US
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- (3) Hong Kong Entomological Society, Yuen Long, Hong Kong

Number of members

22

Social networks

Facebook:
Fireflies In Terrestrial, Silen Sparks
Twitter:
@silen_sparks
Website:
firefliesin terrestrial.net

Mission statement

Our mission is to compile existing knowledge for 2000 lamp irid species

Research activities: (1) develop a global distribution database for fireflies including relevant behavioural and life-history data, hence his information to inform Red List assessments; (2) determine whether the congregating mangrove fireflies in Malaysia and other Southeast Asian countries could be considered to establish Key Biodiversity Areas (KBAs); (3) develop a prioritised list of firefly populations persistence in different regions.

Network

Membership: recruit members, appoint regional coordinators.

Support: provide guidance and work with local communities to protect threatened species and prevent their extinction.

Communicate

Communication: (1) articulate and share guidelines to promote sustainable firefly eco-tourism; (2) ignite public interest and garner local and regional support for firefly conservation and management; (3) develop a media outreach FSG activities and keep members updated; (4) information on the FSG posted on the Fire-

By the end of 2020, the Firefly Specialist Group (FSG) envisions: (1) compilation and publication of a global review of firefly extinction threats; (2) completion of a compilation (extent of occurrence (EOO), area of occupancy (AOO), population size, risk factors) in preparation for Red List assessments for fireflies in certain regions (North America, others); (3) increased communication and educational initiatives through the newly announced World Firefly Day, the Selangor Declaration on firefly conservation, and awareness campaigns conducted in individual member countries.

Targets for the 2017-2020 quadrennium

Assess

Red List: (1) complete Red List assessments for a selection of 1-10 flagship species in one year; (2) complete global Red List assessments of 100-200 species for 2020; (3) develop and disseminate standardised methodologies for monitoring firefly species abundances.



Activities and results 2018

Assess

Relevance

i. Standardised methodologies for monitoring rare species abundances are being compiled. (KSR #12)

Relevance

i. Global distribution database for rare species not completed for the 7170 North American rare species; data compilation currently in progress for other regions. (KSR #1)

ii. Consulted Penn Langhammer and reviewed Ver 1.0 of the Guidelines for the Identification of Key Biodiversity Areas. (KSR #14, 22)

iii. Strengthening of global threats to rare population
Kee, 22)
