

IUCN SSC Lichen Specialist Group



2019 Report



Christoph Scheidegger



Jessica L. Allen

Co-Chairs

Christoph Scheidegger ⁽¹⁾
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Red List Authority Coordinator

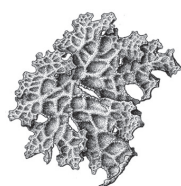
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Location/Affiliation

⁽¹⁾ Swiss Federal Institute for Forest, Snow and Landscape Research, Switzerland
⁽²⁾ Conservation and Research Department, Atlanta Botanical Garden, US

Number of members

34



IUCN SSC
**Lichen
Specialist
Group**

Mission statement

Promote studies assessing lichen diversity, population dynamics and conservation genetics in order to evaluate the conservation status of lichen species according to IUCN criteria.

Projected impact for the 2017-2020 quadrennium

By 2020, we will strengthen the visibility of lichens in biodiversity conservation strategies by (1) publishing Red List assessments of lichens from all continents, and (2) further developing research and outreach in lichen conservation in Asia.

Targets for the 2017-2020 quadrennium

Assess

Red List: Red List assessments of 200 species with a focus on edible and otherwise economically important taxa and very rare and well-documented species.

Research activities: conduct detailed studies on rare and endangered species.

Act

Conservation actions: development of conservation actions in the respective regions for *Erioderma pedicellatum*.

Activities and results 2019

Assess

Red List

i. Five additional species were published in 2019 for a total of 28 lichen assessments. (KSR #1)

Research activities

i. The following paper was published about rare and endangered species: Devkota, S., Chaudhary, R.P., Werth, S. and Scheidegger, C. (2019). Genetic diversity and structure of the epiphytic foliose lichen *Lobaria pindarensis* in the Himalayas depends on elevation. *Fungal Ecology* 41:245–255. (KSR #32)

ii. The following paper was published on the conservation status of *Erioderma pedicellatum*: Tagirdzhanova, G., et al. (2019). Distribution and assessment of the conservation status of *Erioderma pedicellatum* in Asia. *The Lichenologist* 51(6):575–585. (KSR #27)



Sulcaria spiralis
Photo: Troy McMullin

Acknowledgements

The Swiss Federal Institute for Forest, Snow, and Landscape Research and Eastern Washington University supported the work of the Lichen Specialist Group in 2019.

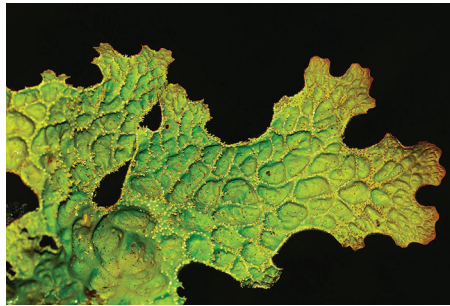
Summary of activities 2019

Components of Species Conservation Cycle: 1/5

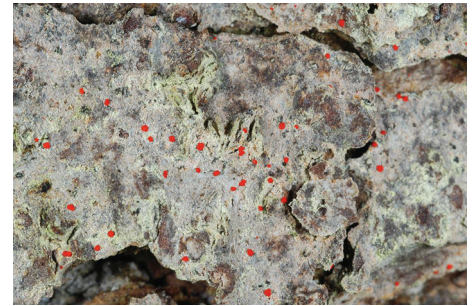
Assess **3** 

Main KSRs addressed: 1, 27, 32

KSR: Key Species Result



Lobaria pindarensis
Photo: Christoph Scheidegger



Hot Dots Lichen
Photo: James Lendemer