

IUCN SSC Lichen Specialist Group



2016-2017 Report



Christoph Scheidegger



Olga Nadyeina

Co-Chairs

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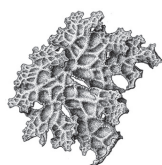
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Location/Affiliation

Swiss Federal Institute for Forest, Snow and
Landscape Research, Switzerland

Number of members

24



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.

Main activities by Key Priority Area (2016 & 2017)

Barometer of life

■ Red List

i. We contributed to the Toyota initiative and prepared Red List assessments of 50 species. Thirty-five species were submitted in 2017 and some were already included in the 2017 Red List update. (KSR #1)

■ Research activities

i. As part of the work of the Lichen Specialist Group, a PhD on the population biology of *Lobaria pulmonaria* was conducted in Tanzania. (KSR #12)

Conservation action

■ Conservation activities

i. Furthermore quantitative estimation of population decline and response to conservation measures were conducted on *Erioderma pedicellatum* in Kamtchatka, Russia. (KSR #15)

Acknowledgements

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Targets for the quadrennium 2017-2020

Barometer of life

Red List: Red List assessments of 200 species with 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.

Conservation action

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

Projected impact for the quadrennium 2017-2020

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.



Erioderma pedicellatum, Critically Endangered, Alaska
Photo: Christoph Scheidegger

Summary of activities (2016-2017)

Key Priority Area ratio: 2/7

Key Priority Areas addressed:

- Barometer of life (2 activities)
 - Conservation action (1 activity)
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Main KSRs addressed: 1, 12, 15

KSR: Key Species Result



Lungwort lichen (*Lobaria pulmonaria*)
Photo: Christoph Scheidegger