

# IUCN SSC Lichen Specialist Group



## 2018 Report



Christoph Scheidegger



Jessica L. Allen

### Co-Chairs

Christoph Scheidegger <sup>(1)</sup>  
Jessica L. Allen <sup>(2)</sup>

### Red List Authority Coordinator

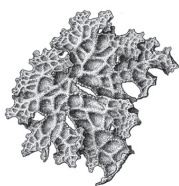
Christoph Scheidegger <sup>(1)</sup>

### Location/Affiliation

<sup>(1)</sup> Swiss Federal Institute for Forest, Snow and Landscape Research, Switzerland  
<sup>(2)</sup> Department of Biology, Eastern Washington University, Cheney, WA, US

### 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.

### 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 & Results 2018

#### Assess

##### Red List

i. We have assessed approximately 50 species and uploaded the assessments to the IUCN SIS database. Some assessments have been published; others are under revision and pending publication. (KSR #1)

##### Research activities

i. A detailed study on the effects of climate change on *Lobaria pindarensis* in the Himalayas was completed; a manuscript reporting the study was prepared, submitted and reviewed. (KSR #32)

#### Act

##### Conservation actions

i. A manuscript on conservation actions for *Erioderma pedicellatum* in Kamchatka has been submitted and is currently under review. (KSR #27)

### Acknowledgements

We thank the following institutions for their support: Swiss Federal Institute for Forest, Snow, and Landscape Research WSL and Eastern Washington University.

### Summary of activities 2018

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Species Conservation Cycle ratio: 2/5

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Assess **2** 

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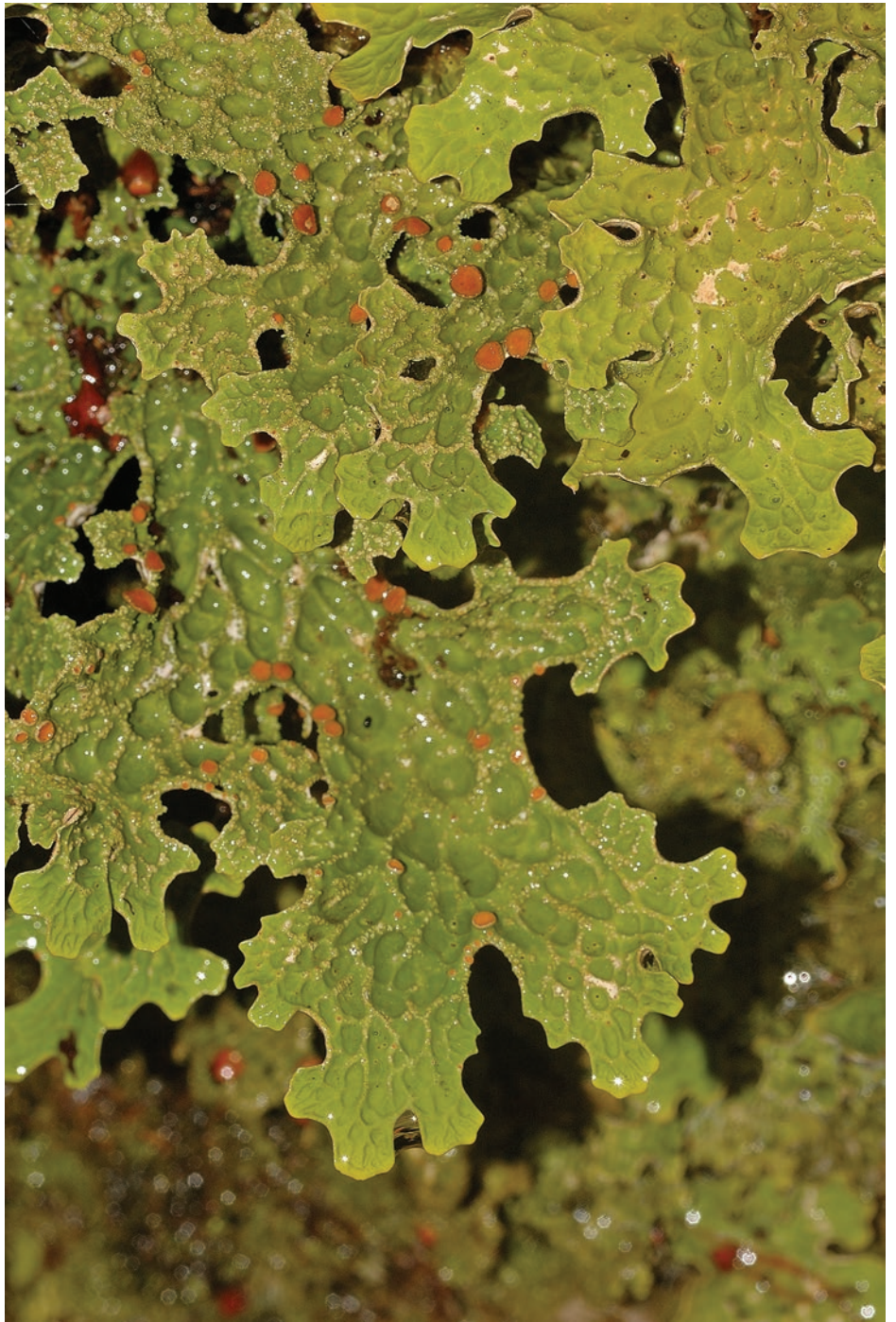
Act **1** 

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Main KSRs addressed: 1, 27, 32

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KSR: Key Species Result



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

Critically Endangered *Erioderma pedicellatum*, Alaska  
Photo: Christoph Scheidegger

