

# IUCN SSC Mushroom, Bracket and Puffball Specialist Group



2016-2017 Report



Gregory M. Mueller

## Chair

Gregory M. Mueller

## Red List Authority Coordinator

Gregory M. Mueller

## Location/Affiliation

Chicago Botanic Garden, Glencoe, IL 60022, US

## Number of members

24



## Mission statement

The mission of the Mushroom, Bracket, and Puffball Specialist Group is to advance fungal conservation by raising awareness of the importance of fungi and the need to conserve them, building capacity among the mycological community, and greatly increasing the number of fungi on national and the global Red Lists.

## Main activities by Key Priority Area (2016 & 2017)

### Barometer of life

#### ■ Red List

i. Making progress on significantly increasing the number of fungi on the global Red List. (KSR #1)

### Capacity building

#### ■ Capacity building

i. Ran a Red List assessment workshop in 2016 and obtained funding for a 2018 workshop, gave four red listing short courses in 2016 and 2017. (KSR #5)

ii. Made numerous presentations, keynote addresses, including presentations at the North American Mycological Association Meeting, Latin American Mycological Congress, and symposia at Global Botanic Garden Congress and Mycological Society of America Annual Meeting. (KSR #18)

iii. Short courses at national and international conferences, including Latin American Mycological Congress and Mycological Society of America. (KSR #18)

## Acknowledgements

The Mohamed bin Zayed Species Conservation Fund and the IUCN / Toyota Partnership are gratefully acknowledged for their support of fungal red listing activities. We thank all of the mycologists who participated in red listing workshops and who submitted data for assessments.

## Targets for the quadrennium 2017-2020

### Barometer of life

Red List: complete commitment for IUCN -Toyota Partnership, 1,000 assessments.

### Bolster work at national scales

Red List: increase quantity and quality of fungal national Red Lists.

### Capacity building

Capacity building: building capacity among mycological community.

## Projected impact for the quadrennium 2017-2020

By the end of this quadrennium, fungal conservation efforts will have developed substantially. There will be a broader interest in and understanding of the need for including fungi in conservation discussions and actions. The number and diversity of mycologists trained and engaged in generating conservation assessments will be greatly increased and processes for generating Red Lists will be enhanced. The number of mushrooms and relatives on national and global Red Lists will be significantly higher than in 2015, providing insight into the conservation status of mushrooms and related fungi. The Mushroom, Bracket, and Puffball Specialist Group will have begun to add conservation planning into their activities.

*Cortinarius osloensis*, Endangered  
Photo: Balint Dima



*Hygrocybe flavifolia*, Endangered  
Photo: Noah Siegel



*Boletopsis nothofagi*, Endangered  
Photo: Patrick Leonard



*Tricholoma acerbum*, Vulnerable  
Photo: Balint Dima

**Summary of activities (2016-2017)**

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Key Priority Area ratio: 2/7

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Key Priority Areas addressed:

- Barometer of life (1 activity)
- Capacity building (3 activity)

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Main KSRs addressed: 1, 5, 18

KSR: Key Species Result