

# IUCN SSC Mushroom, Bracket and Puffball Specialist Group

2018 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.

## **Projected impact for the 2017-2020 quadrennium**

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.

## **Targets for the 2017-2020 quadrennium**

### **Assess**

Red List: (1) complete commitment of 1,000 Red List assessments for the IUCN–Toyota Partnership; (2) increase quantity and quality of fungal national Red Lists by providing advice and encouragement for national Red List committees that are either creating fungal Red Lists for the first time or in the process of revising their fungal Red List.

## **Network**

Capacity building: build capacity among the mycological community (2-3 courses/workshops per year).

Synergy: Establish Fungal Conservation Committee to better coordinate efforts among the fungal Specialist Groups and other parts of IUCN, create a higher profile for fungal conservation, and diversify participants in fungal conservation.

## **Activities and results 2018**

### **Assess**

#### **Red List**

- i.** We held a Red List workshop in Virginia, US, with participants from North America, Europe, and Asia; initiated plans and successfully obtained funding for several workshops taking place in 2019. (KSR #1)
- ii.** Provided training and assisted with finding funds for several national and regional Red List initiatives. (KSR #2)

### **Network**

#### **Capacity building**

- i.** Taught two Red List workshops plus gave several additional presentations at national and international conferences. (KSR #5)

#### **Synergy**

- i.** Work with the SSC Chair's office to establish the Committee. (KSR #2, 5, 28)

## **Acknowledgements**

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*Ramaria purpurissima* from California  
Photo: US Forest Service Noah Siegel



**Summary of activities 2018**

Species Conservation Cycle ratio: 2/5

Assess **2** **||**

Network **2** **||**

Main KSRs addressed: 1, 2, 5, 28

Resolutions addressed: WCC-2012-Res-033

KSR: Key Species Result

*Amanita caesarea*, Central Serbia, 2016  
Photo: Nikola Lačković



*Craterellus cornucopioides* in deciduous oakwoods in Tocchi Natural Reserve, Siena, Italy  
Photo: Diego Cantini