

IUCN SSC Rust and Smut Specialist Group

2018 Report



Cvetomir M. Denchev

Chair

Cvetomir M. Denchev

Red List Authority Coordinator

Teodor T. Denchev

Location/Affiliation

Institute of Biodiversity and Ecosystem
Research, Bulgarian Academy of Sciences,
Sofia, Bulgaria

Number of members

9

Social networks

Website:
www.cybertruffle.org.uk/rustsmut

Mission statement

The mission of the Rust and Smut Specialist Group (RSSG) is to promote the study and conservation of the rust and smut fungi by: (1) increasing current knowledge on the taxonomy of the species, (2) identifying and documenting threats to the survival of the species, and (3) assessing and monitoring their conservation status.

Projected impact for the 2017-2020 quadrennium

The conservation status of 50 species of rust and smut fungi will be assessed.

Targets for the 2017-2020 quadrennium

Assess

Red List: Complete assessment of 50 species of smut fungi (subphylum *Ustilaginomycotina*) and rust fungi (subphylum *Pucciniomycotina*). The geographic regions considered for assessments include Europe; Central, East, and South Asia; Australasia; Africa; and Central and South America.

Activities and results 2018

Assess

Red List

i. Four species have been assessed and submitted for publication through the IUCN Species Information Service (SIS). Two species are published on the IUCN Red List of Threatened Species: *Anthracoidea andina* (Denchev, C.M. and Denchev, T.T. (2019). *Anthracoidea andina*. *The IUCN Red List of Threatened Species* 2019: e.T73643293A73643851. <http://dx.doi.org/10.2305/IUCN.UK.2019-1.RLTS.T73643293A73643851.en>), and *Anthracoidea ortegae* (Denchev, C.M. and Denchev, T.T. (2019). *Anthracoidea ortegae*. *The IUCN Red List of Threatened Species* 2019: e.T73661673A73662018. <http://dx.doi.org/10.2305/IUCN.UK.2019-1.RLTS.T73661673A73662018.en>). (KSR #1)

Microbotryum piperi, from Bulgaria
Photo: T.T. Denchev



Summary of activities 2018

Species Conservation Cycle ratio: 1/5

Assess **1** |

Main KSRs addressed: 1

KSR: Key Species Result



Sporisorium elionuri-tristis, from Madagascar
Photo: T.T. Denchev