

114
B 91

A Journal of Bryology and Lichenology

THE BRYOLOGIST



VOLUME 116
NUMBER 2
SUMMER 2013



American
Bryological and
Lichenological
Society

The Bryologist

Summer 2013 : Volume 116 Issue 2

RESEARCH ARTICLES



Mature spores of four pleurocarpous mosses in the Canary Islands: ultrastructure and early germination stages

Carmen Alfayate, Eugenia Ron, Belén Estébanez, and Miguel Ángel Pérez-Batista
pg(s) 97–112



Substrate preferences and phorophyte specificity of corticolous lichens on five tree species of the montane rainforest of Gran Piedra, Santiago de Cuba

Dania Rosabal, Ana Rosa Burgaz, and Orlando J. Reyes
pg(s) 113–121



***Sarcogyne mitziae* (Acarosporaceae), a new species from biotic soil crusts in western North America**

Kerry Knudsen, Jana Kocourková and Bruce McCune
pg(s) 122–126



***Myriochapsa* and *Nitidochapsa*, two new genera in Graphidaceae (Ascomycota: Ostropales) for chroodiscoid species in the *Ocellularia* clade**

Sittiporn Parnmen, Marcela E. S. Cáceres, Robert Lücking and H. Thorsten Lumbsch
pg(s) 127–133



The influence of spermine and hydrogen peroxide on programmed cell death in tuberculate rhizoids of *Marchantia polymorpha*

Terrence J. Frett, Matthew J. Frelich and Nicholas C. Maravolo
pg(s) 134–145



The Genus *Schroeterella* Herzog (Sematophyllaceae) revisited

Paulo E. A. S. Câmara, and Micheline Carvalho-Silva
pg(s) 146–148



Symbiont flexibility in subalpine rock shield lichen communities in the Southwestern USA

Steven D. Leavitt, Matthew P. Nelsen, H. Thorsten Lumbsch, Leigh A. Johnson, and Larry L. St. Clair
pg(s) 149–161



***Austrorocella*, a new fruticose genus in the family Roccellaceae**

Anders Tehler, Martin Irestedt, and Damien Ertz
pg(s) 162–168

RESEARCH ARTICLES



Neotropical members of *Sticta* (lichenized Ascomycota: Lobariaceae) forming photosymbiodemes, with the description of seven new species

Bibiana Moncada, Luis Fernando Coca, and Robert Lücking

pg(s) 169–200

SHORT COMMUNICATION



David M. Lane (30 September 1950–25 August 2012)

Robert Wyatt and Ann Stoneburner

pg(s) 201–202

RECENT LITERATURE



Recent literature on bryophytes—116(2)

William R. Buck, Bruce Allen and Ronald A. Pursell

pg(s) 203–212



Recent literature on lichens—229

Brendan P. Hodkinson and Sarah Z. Hodkinson

pg(s) 213–217

BOOK REVIEW



The Lichens and Allied Fungi of Great Smoky Mountains National Park

James P. Bennett

pg(s) 218–220



A Brick for the Cathedral of Bryogeography

Alain Vanderpoorten

pg(s) 221–221



Lichens, an Illustrated Guide to British and Irish Species: Sixth Edition

Malcolm Hodges

pg(s) 222–223



A Field Guide to Biological Soil Crusts of Western U.S. Drylands

Heather T. Root

pg(s) 224–225



Miniature Forests of Cape Horn: Ecotourism with a Hand Lens

Barry Kaminsky

pg(s) 226–227