



BioOne COMPLETE

COVER

Source: The Bryologist, 127(1)

Published By: The American Bryological and Lichenological Society

URL: <https://doi.org/10.1639/0007-2745-127.1.C1>

BioOne Complete (complete.BioOne.org) is a full-text database of 200 subscribed and open-access titles in the biological, ecological, and environmental sciences published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Complete website, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at www.bioone.org/terms-of-use.

BioOne sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to

CONTENTS
127(1): 1–167



ARTICLES

- 1 From the Editorial Board

RESEARCH ARTICLES

- 2 Jason P. Hollinger, Perry A. Scott and James C. Lendemer
Two new species of lichenicolous *Arthonia* (Arthoniaceae) from southeastern North America highlight the need for comparative studies of lichen parasites and their hosts
- 22 André Aptroot, Robert Lücking and Marcela Eugenia da Silva Cáceres
New species, records and combinations of Graphidaceae (lichenized fungi) from Brazil
- 56 Coral Matos, Amelia Merced and Tamara Heartsill-Scalley
Habitat preferences and distribution of some common bryophytes in a tropical forest at the Luquillo Experimental Forest, Puerto Rico
- 66 André Aptroot, Lidiane Alves dos Santos, Isaias Oliveira Junior, Carlos Augusto Vidigal Fraga Junior, Adriano Afonso Spielmann and Marcela Eugenia da Silva Cáceres
New lichen species from South Brazil
- 88 Yuriy S. Mamontov, Michael S. Ignatov, Dmitry V. Vasilenko and Evgeny E. Perkovsky
Hepatics from Rovno amber (Ukraine): *Leptoscyphus davidii* sp. nov.
- 95 Yuya Inoue and Tatsuwo Furuki
Systematic position of *Calypogeia asakawana* S.Hatt. ex Inoue (Calypogeiaceae, Marchantiophyta), with description of a new genus *Protocalypogeia*
- 104 M. S. Sajitha, C. N. Manju, O. M. Sruthi, K. P. Rajesh and K. K. Rawat
A new subspecies of tropical African *Plagiochila squamulosa* Mitt. (Plagiochilaceae; Hepaticae) from the Southern Western Ghats of India
- 110 Eric F. Karlin
Checklists for the *Sphagnum* (Sphagnaceae) species of New England, New York and New Jersey

RECENT LITERATURE

- 123 John J. Atwood, William R. Buck and John C. Brinda
Recent literature on bryophytes—127(1)
- 157 James C. Lendemer
Recent literature on lichens—272

(ISSN 0007-2745)

A Journal of Bryology and Lichenology
THE BRYOLOGIST

THE BRYOLOGIST | 127(1): 1–167 | SPRING 2024



VOLUME 127
NUMBER 1
SPRING 2024





GENERAL INFORMATION

THE BRYOLOGIST publishes research papers and reviews dealing with all aspects of bryology and lichenology. All manuscripts are reviewed by two or more referees before acceptance. Deadlines for the four issues are the 15th of February, May, August, and November. Manuscripts should be submitted electronically to The Bryologist online at <http://www.editorialmanager.com/bryologist/>. Instructions to authors and editor contact information is available at ABLS.org and at PeerTrack/bryologist. Email contact for the journal is: bryologist@peertrack.net

THE BRYOLOGIST (ISSN 0007-2745), a journal devoted to the study of bryophytes and lichens, is published quarterly by The American Bryological and Lichenological Society, Inc. Renew subscription and membership online at: <http://abls.allenpress.com/ABLS>. Annual dues for membership in the Society are US\$25 (\$10 for students; \$35 for families; Emeritus (retired over 25 years) \$0; Contributing \$50; \$1000 for lifetime). The 2019 cost for individuals to receive THE BRYOLOGIST is an additional \$45 (online only), and to receive *Evansia* an additional \$15 (online only). Members with non-U.S.A. & non-Canada addresses must pay an additional amount for mailing costs: \$25 per year for THE BRYOLOGIST and \$10 per year for *Evansia*. U.S.A. institutions may subscribe to THE BRYOLOGIST hard copy for \$160 per volume (\$190 for all other institutions). The cost for *Evansia* hard copy for U.S.A. institutions is \$70 (\$80 for all other institutions). Airmail delivery can be arranged for an additional fee; contact the ABLs Membership Services Office <http://abls.allenpress.com/ABLS>. Contact the Secretary with any other questions: Diane Haughland, Alberta Biodiversity Monitoring Institute, Royal Alberta Museum 9810 103a Ave NW, Edmonton, AB, T5J 0G2 Canada. E-mail: diane.haughland@gov.ab.ca

POSTMASTER: send address changes to ABLs Member Services, 301 Concourse Blvd, Ste 210, Glen Allen, VA 23059. 785-289-2488.

The Bryologist and ABLs website is at <http://www.abls.org>

Cover illustration: At Black Pond Bog, Massachusetts, four *Sphagnum* species common in New England grow together near water level on a floating mat. With large red leaves having a spikey appearance, *S. medium* is prominent in the central portion of the photo. Also present are *S. recurvum* (yellow-brown plants), *S. cuspidatum* (green plants in water), and *S. rubellum* (smaller red plants below the cranberry [*Vaccinium macrocarpon*]). In this issue beginning on page 110, Karlin presents checklists and a key for the *Sphagnum* species that occur in the New England states, New York and New Jersey, following the updated taxonomy, which combines genetic data with the traditional morphological- and ecological-based species concepts, provided by Karlin (in press). Photo courtesy of Eric Karlin (taken on 2 January 2023).

Copyright © 2024 American Bryological and Lichenological Society, Inc.

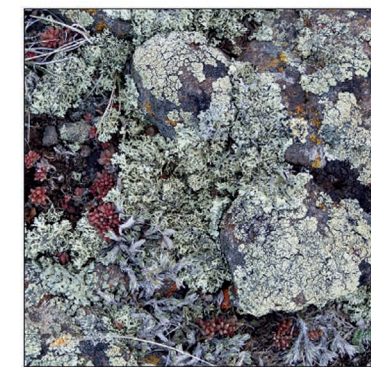
All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form, or by any means, electronic, mechanical, photocopying, recording or otherwise, without written permission of the publisher.

A Journal of Bryology and Lichenology
THE BRYOLOGIST



VOLUME 119
NUMBER 4
WINTER 2016
abls American
Bryological and
Lichenological
Society

A Journal of Bryology and Lichenology
THE BRYOLOGIST



VOLUME 116
NUMBER 2
SUMMER 2013
abls American
Bryological and
Lichenological
Society

A Journal of Bryology and Lichenology
THE BRYOLOGIST



VOLUME 120
NUMBER 1
SPRING 2017
abls American
Bryological and
Lichenological
Society

A Journal of Bryology and Lichenology
THE BRYOLOGIST



VOLUME 122
NUMBER 1
SPRING 2019
abls American
Bryological and
Lichenological
Society

A Journal of Bryology and Lichenology
THE BRYOLOGIST



VOLUME 121
NUMBER 4
WINTER 2018
abls American
Bryological and
Lichenological
Society

A Journal of Bryology and Lichenology
THE BRYOLOGIST



VOLUME 121
NUMBER 2
SUMMER 2018
abls American
Bryological and
Lichenological
Society

THE BRYOLOGIST is published online at BioOne Complete and issues can be accessed at <https://bioone.org/journals/the-bryologist>.

