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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

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The Bryologist and ABLS website is at http://www.abls.org

Cover illustration: *Grimmia anodon* Bruch & Schimper is widespread in desert and aridland habitats in North and South America, northern Africa, Europe and Asia. In Nevada, U.S.A. it is found in all 17 counties, and is regarded as the most common lowland moss in Utah (U.S.A.). Often found on dry rocks and boulders, *G. anodon* is characterized by a sigmoid seta, mitrate calyptra, immersed capsules, the absence of a peristome, and a bistratose leaf margin. On page 353 of this issue, Stark and dos Santos report that shoots (but not spores) of *G. anodon* are capable of regenerating by the production of protonemata, after a record 29 years and 3 months of continuous desiccation, establishing a new record for dry longevity for bryophytes. Spores and shoots of several species of Mojave Desert mosses were found viable after 28 years of desiccation. Photo courtesy of Llo Stark (taken on 16 September 2024).

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