

Hot Springs

National Park
U.S. Department of the Interior

Hot Springs National Park
Arkansas



Mosses

Checklist of the mosses of Hot Springs National Park-1984

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These mosses from the Hot Springs National Park, Arkansas, were collected by Dr. Jewel E. Moore, retired Professor of Biology, University of Central Arkansas, Conway, Arkansas, and identified by Steve L. Timme, Institute for Botanical Exploration, Mississippi State, Mississippi.

Musci

Bryidae

--Fissidentales

Fissidentaceae

Fissidens adiantoides Hedw.

Fissidens bryoides Hedw.

Fissidens bushii (Card. & Ther.) Card. & Ther.

Fissidens cristatus Wils. ex Mitt.

Fissidens subbasilaris Hedw.

Fissidens taxifolius Hedw.

--Dicranales

Ditrichaceae

Ceratodon purpureus (Hedw.) Brid.

Ditrichum pallidum (Hedw.) Hampe

Ditrichum pusillum (Hedw.) Hampe

Seligeriaceae

Seligera calcarea (Hedw.) B.S.G.

Seligera pusilla (Hedw.) B.S.G.

Dicranaceae

Dicranella heteromalla (Hedw.) Schimp.

Dicranum condensatum Hedw.

Dicranum fulvum Hook.

Dicranum montanum Hedw.

Dicranum scoparium Hedw.

Leucobryaceae

Leucobryum albidum (Brid. ex P.-Beauv.) Lindb.

Leucobryum glaucum (Hedw.) Angstr. ex Fr.

--Pottiales

Pottiaceae

Desmatodon plinthobius Sull. & Lesq. ex Sull.

Didymodon tophaceus (Brid.) Lisa

Hyophila involuta (Hook.) Jaeg. & Sauerb.

Tortella humilis (Hedw.) Jenn.

Weissia controversa Hedw.

Grimmiaceae

Grimmia laevigata (Brid.) Brid.

Funariaceae

Funaria hygrometrica Hedw.

Bryaceae

Bryum argenteum Hedw.

Bryum bicolor Dicks.

Bryum capillare Hedw.

Bryum lisae DeNot. var. *cuspidatum* (B.S.G.) Marg.

Bryum pseudotriquetrum (Hedw.) Gaertn, Meyer & Schreb.

Leptobryum pyriforme (Hedw.) Wils.

Pohlia nutans (Hedw.) Lindb.
Mniaceae
Mnium cuspidatum Hedw.
Ptychomitriaceae
Ptychomitrium incurvum (Schwaegr.) Spruce
Orthotrichaceae
Orthotrichum pusillum Mitt.
Orthotrichum strangulatum P.-Beauv.
Hedwigiaceae
Hedwigia ciliata (Hedw.) P.-Beauv.
Cryphaeaceae
Cryphaea ravenelii Aust.
Forsstroemia trichomitria (Hedw.) Lindb.
Leucodontaceae
Leucodon julaceus (Hedw.) Sull.
Neckeraceae
Thamnobryum alleghaniense (C. Muell.) Nieuwl.
--Hypnobryales
Theliaceae
Thelia hirtella (Hedw.) Sull.
Thelia lescurii Sull.
Fabroniaceae
Anacamptodon sphachnoides (F. Froel. ex Brid.) Brid.
Clasmatodon parvulus (Hampe) Hook. & Wils. ex Sull.
Fabronia ravenelii Sull.
Schwetschkeopsis fabronia (Schwaegr.) Broth.
Leskeaceae
Leskea gracilescens Hedw.
Lindbergia brachyptera (Mitt.) Kindb.
Thuidiaceae
Anomodon attenuatus (Hedw.) Hueb.
Anomodon minor (Hedw.) Furnr.
Anomodon rostratus (Hedw.) Schimp.
Haplohymenium triste (Ces. ex DeNot.) Kindb.
Thuidium delicatulum (Hedw.) B.S.G.
Thuidium recognitum (Hedw.) Lindb.
Amblystegiaceae (sensu Redfearn, 1972)
Amblystegium riparium (Hedw.) B.S.G.
Amblystegium tenax (Hedw.) C. Jenn.
Amblystegium varium (Hedw.) Lindb.
Campylium hispidulum (Brid.) Mitt.
Platydictya confervoides (Brid.) Mitt.
Platydictya subtile (Hedw.) Crum
Brachytheciaceae (sensu Redfearn, 1972)
Brachythecium acuminatum (Hedw.) Aust.
Brachythecium oxycladon (Brid.) Jaeg. & Sauerb.
Brachythecium rutabulum (Hedw.) B.S.G.
Brachythecium serrulatum (Hedw.) Robins.
Bryoandersonia illecebra (Hedw.) Robins.
Rhychostegium pulchellum (Hedw.) Robins.
Entodontaceae
Entodon cladorrhizans (Hedw.) C. Muell.
Entodon seductrix (Hedw.) C. Muell.
Plagiotheciaceae (sensu Redfearn, 1972)
Isopterygiopsis muelleriana (Schimp.) Iwats.
Isopterygium elegans (Brid.) Lindb.
Isopterygium tenerum (Sw.) Mitt.
Plagiothecium cavifolium (Brid.) Iwats.
Sematophyllaceae
Sematophyllum adnatum (Michx.) Britt.
Hypnaceae
Homoallium adnatum (Hedw.) Broth.
Platygyrium repens (Brid.) B.S.G.

Pylaisiella selwynii (Kindb.) Crum, Steere & Anderson
Buxbaumiaceae
Diphyscium foliosum (Hedw.) Mohr.
--Polytrichales
Polytrichaceae
Atrichum angustatum (Brid.) B.S.G.
Atrichum undulatum (Hedw.) P.-Beauv.
Pogonatum brachyphyllum (Michx.) P.-Beauv.
Pogonatum pensilvanicum (Hedw.) P.-Beauv.
Polytrichum commune Hedw.
Polytrichum juniperinum Hedw.
Polytrichum ohioense Ren. & Card.

Identification of additional mosses from the Hot Springs National Park have revealed two which have never before been reported from the state, and a variety of another which has not previously been reported. The additions to the state checklist are a) *Bryum lisa* var. *cuspidatum* (B.S.G.) Marg., *Schwetschkeopsis fabronia* (Schwaegr.) Broth., and *Ditrichum pusillum* (Hedw.) Hampe.