

Northwest Lichenologists presents

Lichens of Juniper Woodlands

on a

Volcanic Landscape

Time: 8: 0am meeting time
Meeting Location: OSU Bend, Cascade Hall
Leader: Rick Demmer, Lichenologist & Biologist*
Transportation: car-pooling



Juniper Woodlands & Lava Blister Habitat

Explore an old-growth juniper woodland set in a mosaic of mounds and strands of extruded lava separated by areas of fine pumice sand. Here you'll find 200-year old junipers with some at over 500 years. We will find a high diversity of biological soil lichens and mosses and many crustose lichens growing on the basalt rocks and old junipers.



Juniper Woodlands of central Oregon



*A lava blister (left) and the mosses & lichens that live there (above). *Texosporium sancti-jacobi* (below).*



Rim Rock Springs

Central Oregon is the site of ancient volcanic activity – buttes that formed from rhyolitic tuff created when ash flows were generated by a super volcano. We will see a diversity of biological soil crusts including the rare *Texosporium sancti-jacobi* that is found only in western North America.



**** As a Range Manager for the BLM Rick Demmer monitored biological soil crusts on grazing allotments in central Oregon from 2001 to 2010. He retired in April 2015 as a Wildlife Biologist having served the BLM for 27 years. He earned a BS degree in Zoology from the University of Central Florida (UCF) and went on to earn two Master of Science degrees in Biology and Range Management from UCF and Washington State University, respectively.***