

## PATRICIA S. MUIR

### Refereed Journal Articles

- Muir, P.S. and J.E. Lotan. 1985a. Site disturbance history and serotiny of *Pinus contorta* in western Montana. *Ecology* 66:1658-1668.
- Muir, P.S. and J.E. Lotan. 1985b. Serotiny and the life history of *Pinus contorta* in western Montana. *Canadian Journal of Botany* 63:938-945.
- Muir, P.S., K. Wade, B. Carter, T.V. Armentano, and R. Pribush. 1986. Fog chemistry in an urban midwestern site. *Journal of the Air Pollution Control Association* 36:1359-1361.
- Muir, P.S. and B. McCune. 1987. Index construction for foliar symptoms of air pollution injury. *Plant Disease* 71:558-565.
- Muir, P.S. and B. McCune. 1988. Lichens, tree growth, and foliar symptoms of air pollution: Are the stories consistent? *Journal of Environmental Quality* 17:361-370.
- Muir, P.S. and T.V. Armentano. 1988. Evaluating oxidant injury to foliage of *Pinus ponderosa*: A comparison of methods. *Canadian Journal of Forest Research* 18:498-505.
- Muir, P.S. and M. Böhm. 1989. Cloud chemistry and occurrence in the Western United States: A synopsis of current information. Pages 73-101 in R.K. Olson and A.S. Lefohn, eds., *Effects of Air Pollution on Western Forests*. Air and Waste Management Association, Pittsburgh, PA.
- Muir, P.S. 1990. Influences of mist pH and acid anion on cation efflux from pinto bean foliage. *Water, Air, and Soil Pollution* 49:389-407.
- Muir, P.S. 1991. Fogwater chemistry in a woodburning community, western Oregon. *International Journal of the Air and Waste Management Association* 41:32-38.
- Muir, P.S. 1992. Effects of ambient acidic rain on cation concentrations in leaves of *Acer saccharum* and *Cornus florida*. *Canadian Journal of Forest Research* 22:490-496.
- Muir, P.S. and B. McCune. 1992a. A dial quadrat for mapping herbaceous plants. *Natural Areas Journal* 12:136-138.
- Muir, P.S. and B. McCune. 1992b. Simulating ecological complexity using the example of pesticides in ecosystems. *American Biology Teacher* 55:165-169.
- Muir, P.S. 1993. Disturbance effects on structure and tree species composition of *Pinus contorta* forests in western Montana. *Canadian Journal of Forest Research* 23:1617-1625.
- Moritsch, B.J. and P.S. Muir. 1993. Subalpine revegetation on backcountry campsites in Yosemite National Park, California: Changes in vegetation after three years. *Natural Areas Journal* 13:155-163.
- Muir, P.S. and R. Moseley. 1994. *Primula alcalina*, a threatened species of alkaline seeps, in relation to site and grazing. *Natural Areas Journal* 14:269-278.
- McCune, B., C.C. Derr, P.S. Muir, A. Shirazi, S.C. Sillett, J.E. Peck, and W.J. Daly. 1996. Lichen pendants for transplant and growth experiments. *The Lichenologist* 28:161-169.
- Shirazi, A.M., P.S. Muir and B. McCune. 1996. Environmental factors influencing the distribution of the lichens *Lobaria pulmonaria* and *L. oregana* in Oregon. *The Bryologist* 99:12-18. (Received The Bryologist's Edward Tuckerman Award for best paper in lichenology from 1996 for this paper.)
- Rose, C. and P.S. Muir. 1997. Green-tree retention: consequences for timber production in forests of the western Cascades, Oregon. *Ecological Applications* 7(1):209-217.
- Muir, P.S. and A.M. Shirazi. 1996. Effects of formaldehyde-enriched mists on *Pseudotsuga menziesii* (Mirbel) Franco. and *Lobaria pulmonaria* (L.) Hoffm. *Environmental Pollution* 94:227-234.
- Muir, P.S., A.M. Shirazi, and J. Patrie. 1997. Seasonal growth dynamics in the lichen *Lobaria pulmonaria*. *The Bryologist* 100: 458-464.

- Rambo, T.R. and P.S. Muir. 1998a. Forest floor bryophytes of *Pseudotsuga menziesii*-*Tsuga heterophylla* stands in Oregon: influences of substrate and overstory. *The Bryologist* 101:116-130
- Shirazi, A.M. and P.S. Muir. 1998. *In vitro* effect of formaldehyde on Douglas-fir pollen. *Plant, Cell and Environment* 21: 341-346.
- Rambo, T.R. and P.S. Muir. 1998b. Bryophyte species associations with coarse woody debris and stand ages in Oregon. *The Bryologist* 101: 366-376.
- Trummer, L. M., P.E. Hennon, E.M. Hansen, and P.S. Muir. 1998. Modeling the incidence and severity of hemlock dwarf mistletoe in 110-year-old wind-disturbed forests in Southeast Alaska. *Canadian Journal of Forest Research* 28:1501-1508.

Since last promotion:

- Traut, B. and P.S. Muir. 2000. Relationships of remnant trees to vascular undergrowth communities in the western Cascades: A retrospective approach. *Northwest Science* 74 : 212-223.
- Peck, J.L. and P.S. Muir. 2001a. Harvestable bryophytes and their accumulation in Central Western Oregon. *The Bryologist* 104:181-190.
- Peck, J.L. and P.S. Muir. 2001b. Estimating the biomass of harvestable epiphytic moss in central western Oregon. *Northwest Science* 75:99-106.
- Rosso, A.L., P.S. Muir, and B. McCune. 2001. Using transplants to measure accumulation rates of epiphytic bryophytes in forests of western Oregon. *The Bryologist* 104: 430-439.
- Keon, D.B. and P.S. Muir. 2002. Growth of *Usnea longissima* across a variety of habitats in the Oregon Coast Range. *The Bryologist* 105: 233-242.
- Lindh, B.C. and P.S. Muir. 2004. Understory vegetation in young Douglas-fir forests: does thinning help restore old-growth composition? *Forest Ecology and Management* 192:285-296.
- Menke, C.A. and P.S. Muir. 2004a. Patterns and influences of exotic species invasion into the grassland habitat of the threatened plant *Silene spaldingii*. *Natural Areas Journal* 24:119-128.
- Menke, C.A. and P.S. Muir. 2004b. Short-term influences of wildfire on the threatened plant *Silene spaldingii* and its canyon grassland plant community. *Northwest Science* 78: 192-203.
- Muir, P.S., T.R. Rambo, R.W. Kimmerer, and D.B. Keon. 2006a. Influence of overstory removal on growth of epiphytic lichens and mosses in western Oregon. *Ecological Applications* 16(3): 1207-1221
- Muir, P.S., K. Norman and K. Sikes. 2006b. Quantity and value of commercial moss harvest from forests in the Pacific Northwestern and Appalachian regions of the U.S. *The Bryologist*. 109(2): 197-214.
- Peck, J.L. and P.S. Muir. 2007. Conservation management of the mixed species nontimber forest product of "moss" - Are they harvesting what we *think* they're harvesting? *Biodiversity and Conservation* 16: 2031-2043.
- Peck, J.E., H.M. Hoganson, P.S. Muir, A.R. Ek, and L.E. Frelich. 2008. Using inventory projections to evaluate management options for the nontimber forest product of epiphytic moss. 2007. *Forest Science* 54 (2): 185-194.
- Perchemlides, K.A., P.S. Muir, and P. Hosten. 2008. Responses of chaparral and oak woodland plant communities to fuel-reduction thinning in southwestern Oregon. *Journal of Range Ecology and Management*. 61: 98-109.
- Peck, J.E. and P.S. Muir. 2008. Biomass inventory and regrowth rate of harvestable tree and shrub moss in the Oregon Coast Range. *Western Journal of Applied Forestry* 23: 34-39.
- Sikes, K.G. and P.S. Muir. 2009. Influence of two fuel reduction treatments on chaparral communities of southwestern OR. *Madrono* 56: 8 – 22.

- Duren, O.C. and P.S. Muir. 2010. Does fuels management accomplish restoration in southwest Oregon chaparral? Insights from age structure. *Fire Ecology* 6(2): 76-96.
- Gilligan, L.A. and P.S. Muir. 2011. Stand structures of Oregon white oak woodlands, regeneration, and their relationships to the environment in southwest Oregon. *Northwest Science* 85 (2): 141-158.
- Duren, O.C., P.S. Muir and P.E. Hosten. 2012. Vegetation change from the Euro-American settlement era to the present in relation to environment and disturbance in southwest Oregon. *Northwest Science* 86: 310 - 328.
- Gray, E.C. and P.S. Muir. 2013. Does *Kochia prostrata* spread from seeded sites? An evaluation from southwestern Idaho, USA. *Rangeland Ecology and Management* 66(2): 191 – 203.