



Salix Associates provides expertise in ecological consulting, with special emphases on botany, ecological restoration and natural resources planning. Services include:

- Comprehensive and integrated natural resource inventories and assessments
- Rare, invasive and comprehensive vascular plant surveys
- Plant community and wildlife habitat mapping and assessment
- Restoration and management planning
- Butterfly host plant assessments, rare and community surveys
- Design and monitoring of avian point count stations
- Botanical field studies, identification workshops and herbarium research
- Environmental Impact Statements and Environmental Assessments
- Oregon Statewide Planning Goal 5 (natural resources) inventories

The following are examples of specific projects completed by Salix Associates:

- Biodiversity inventory for McKenzie River Trust's 160-acre Coyote-Spencer Wetlands and The Nature Conservancy's 1200-acre Willamette Confluence Project
- Baseline Documentation Reports for the Trust for Public Lands' Thurston Hills Natural Area (2 phases)
- Habitat assessment for Fall Creek and Green Peter reservoir shorelines for the Corps of Engineers
- Landowner outreach, 20 site visits, assessments, and restoration recommendations for the Long Tom Watershed Council
- The South Ridgeline Habitat Study: ecological inventory and assessment of 2700 acres of upland habitats for the City of Eugene (OR)
- *Existing Conditions and Alternatives Effects Analysis* for 600,000-acre lower Umpqua Basin EIS, addressing rare plants and fungi, noxious weeds, wetlands and special areas
- Inventory, mapping and assessment of vegetation communities, and management recommendations for the Baskett Butte portion of the Baskett Slough National Wildlife Refuge (US Fish & Wildlife)
- Similar project to above, for the 213-acre Herbert Open Space Property, for the City of Corvallis Parks and Recreation Department
- Inventory, assessment and ecological restoration planning for the Owens Farm site for the Greenbelt Land Trust (Corvallis, OR)
- Sensitive plant surveys: 20,000+ acres for the Eugene Dist. BLM & Willamette Nat'l. Forest
- Rare plant surveys for a 640-acre US Army Corps of Engineers wetland restoration project in West Eugene
- Natural features inventory for the City of Corvallis, including upland plant and wildlife habitat assessments and ratings for Goal 5 planning process
- Comprehensive vascular plant surveys and plant community mapping for the 800-acre Green Island site for the McKenzie River Trust (Eugene, OR)
- Inventory, assessment and restoration planning for the 500-acre Lookout Point Ranch, Willamette Valley foothills oak-prairie habitat site (private landowner)
- Goal 5 analyses, Environmental Assessments, biological evaluations of sensitive habitats and species, and/or wetland delineations for several affordable housing projects for the City of Eugene



Professional Employment

- **Principal, Salix Associates.** Eugene, Oregon 1992 to present.
 - **Principal Planner,** City of Springfield Planning and Development Department. Springfield, Oregon 1981-89.

Education

- **Bachelor of Science, Landscape Architecture / Environmental Science,** Oregon State University, Corvallis, Oregon.
- **Post-Bac, Soil Morphology,** Oregon State University.

Instruction

- **Nature in the Urban Park,** Department of Landscape Architecture. University of Oregon 1999 & 2000.
- **Grasses, Sedges and Rushes,** University of Oregon, Lane Community College, etc. 1995 - 2006.

Primary Publication

- **Field Guide to Sedges of the PNW.** Co-author. 2nd edition 2014.

Professional Volunteerism

- *Cascade Mycological Society*
 - *Friends of Buford Park*
 - *McKenzie River Trust*
- *Local Watershed Councils*
- *Native Plant Society of Oregon*
- *N. American Butterfly Association*

Bruce Newhouse is the principal/owner and operator of Salix Associates. He has 35 years of experience in field ecology and natural resource planning in Oregon, including 10 years as a city and county planner and 25 years in private consulting. He is active in both professional and volunteer activities in natural resources and related disciplines.

Bruce’s education and experience focus on botany, and ecological relationships between plants, wildlife, fungi and other organisms – including butterflies and other pollinators. He has conducted numerous botanical and biodiversity inventories and assessments as a principal of Salix Associates, and has developed restoration and management plans for several large sites in western Oregon.

Bruce has conducted biodiversity inventories for the City of Eugene, City of Portland and the Metro area, and the City of Corvallis, and has inventoried rare and invasive plants and mapped plant communities for many thousands of acres of public and private lands. Over a 15-year period he completed numerous Environmental Reviews and several Biological Assessments for the City of Eugene’s Community Development Division.

Bruce is an experienced instructor in botany (particularly graminoids, native plants and invasive plants), butterfly identification and ecology (host and nectar plant use), and fungal identification and ecology for universities, community colleges, professional organizations and nonprofits. He is one of four authors of the *Field Guide to Sedges of the Pacific Northwest* (OSU Press, 2008). In 2012 he discovered a native plant not known to exist in the Willamette Valley and in 2013, a native sedge new to the State of Oregon.

Bruce’s natural science photographs have been published in state and national publications, including the Oregon Dep’t. of Fish and Wildlife (Oregon Conservation Strategy), Oregon Forest Resources Institute, Institute for Applied Ecology, Xerces Society and both Eugene newspapers. His photos appear on the covers of the *Pollinator-Friendly Parks* and *Attracting Native Pollinators* (The Xerces Society), and the *Field Guide to Sedges of the Pacific Northwest* (see above).

Contact Information for Salix Associates

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