

Bethany K. Mathews

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BIO

Beth Mathews' archaeological experience covers much of the Northwest, including most regions of Washington and parts of British Columbia, Oregon, and Nevada, working for cultural resource consulting firms, tribes, public land managers, academic departments, and museums. Beth began her archaeological career at the waterlogged Mud Bay site in Olympia, WA. Due to this site's remarkable preservation she developed interests in paleoethnobotany and ancient landscapes. Beth is experienced working in a wide variety of archaeological sites including historic farmsteads and homesteads, coastal shell middens and clam gardens, Gold Rush encampments, early Holocene camps, pithouse villages, waterlogged sites, historic districts, precontact and historic rock cairns, WWII military training camps, and vernacular historic properties.

Beth has experience in all phases of cultural resource management, performing and supervising pedestrian survey, subsurface testing, site inventory, archaeological monitoring, research, mapping, and report production. As a project archaeologist, she is also skilled at supporting principal investigators by interfacing with clients and project stakeholders, and producing project research plans and scopes of work. She has worked on many types of projects in the cultural resource management field, including environmental conservation, road and bridge construction, storm water systems, natural gas pipeline maintenance, wind farm development, mineral mining, transmission lines, logging, fuels management, and residence/building construction.

EDUCATION

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| MA Archaeology
Thesis: A Spatial Analysis of Early Holocene Sites in the Southern Columbia Plateau and Northern Great Basin of North America
Simon Fraser University, Burnaby, BC, Canada | 2016 |
| BA Anthropology
Archaeology Concentration, Public History Minor
Western Washington University, Bellingham, WA | 2008 |
| AA in Psychology and Anthropology
Foothill College, Los Altos Hills, CA | 2006 |

RESEARCH INTERESTS

- Geographic Information Systems and Spatial Analysis
- Human Ecology
- Early Holocene Archaeology
- Archaeology and Ethnohistory of the Northwest Coast, Plateau, and Great Basin
- Waterlogged and Wetland Archaeology

MEMBERSHIPS

- Society for American Archaeology
- Society for Historical Archaeology
- Washington State Historical Society
- Association for Washington Archaeology

ARCHAEOLOGICAL EXPERIENCE

Senior Archaeologist

2018–PRESENT

Pacific Northwest Archaeological Services, Tumwater, WA

Responsible for managing all aspects of cultural resource contracts, in coordination with Director and Co-Director, including project scoping, bids, marketing, budgeting, fieldwork, cultural resource assessments, and inadvertent discovery plans.

GS-07 Archaeologist Technician

2008–2018

Bureau of Land Management, Spokane, Medford, and Burns Districts

Served as Archaeologist Technician (GS-05 to GS-07) for 4 seasonal appointments. Performed Section 110 and Section 106 NRHP surveys.

Project Archaeologist

2017–PRESENT

Tierra Right of Way Services, Seattle, WA

Caldera Archaeology, Bellingham, WA

Equinox Research and Consulting International, Inc., Mount Vernon, WA

Drayton Archaeology, Blaine, WA

Aqua Terra Cultural Resource Consultants, Olympia, WA

Willamette Cultural Resources Associates, Ltd., Seattle, WA

Nlaka'pamux Nation Tribal Council, Hope, British Columbia

Columbia Historical Consulting, Coulee Dam, WA

Worked on-call to complete cultural resource assessments for SEPA, GEO 05-05, and Section 106 projects. Monitored construction excavation, and completed shovel probe and pedestrian survey.

Archaeological Field Technician

2008–2014

Historical Research Associates, Seattle, WA

Statistical Research, Inc, Lacey, WA

Tierra Right of Way Services, Seattle, WA

VARCA Consulting, Pavillion, British Columbia

Summit Envirosolutions, Reno, NV

AMEC, Bothell, WA

South Puget Sound Community College, Olympia, WA

Worked on-call to complete archaeological surveys and monitor construction excavation.

Volunteer

2007–2013

Mission Creek Salvage Project, Olympia, WA (2013)

Clam Garden Research Project, Quadra Island, British Columbia (2012–2013)

Keatley Creek Pithouse Village, Lillooet, British Columbia (2010–2011)

Passport in Time, National Forest Service

LAB AND MUSEUM EXPERIENCE

- Volunteer** 2007–2014
Squaxin Island Museum Library and Research Center, Kamilche, WA
- Intern** 2008
Department of Archaeology and Historic Preservation, Olympia, WA
- Lab Technician** 2007–2008
Anthropology Lab, South Puget Sound Community College

HISTORIC PRESERVATION TRAINING

- Section 106 Essentials, Advisory Council on Historic Preservation** 2012
Preserve America Workshop 2008

PUBLICATIONS

- 2014 “Plant Foods” in Qwu?gwes—The Archaeological Site (45TN240), Fish Trap, and Homestead; Comprehensive Eleven-year Scientific Description and Cultural Explanatory Report Edited by Dale Croes, Rhonda Foster, and Larry Ross
- 2010 [2011] Balanophagy in the Pacific Northwest: The Acorn-Leaching Pits at the Sunken Village Wet site. *Journal of Northwest Anthropology* 43:125-140. Reprinted in 2011 Collection of Papers from the *Journal of Northwest Anthropology Associated with Traditional Indigenous Resources, Part 1 General and Terrestrial*.
- 2009 “Acorns and Acorn-Leaching Pits:” In *Sunken Village, Sauvie Island, Oregon USA: A Report on the 2006-2007 Investigations of National Historic Landmark Wet Site 35MU4*, edited by Dale R. Croes, John L. Fagan, and Maureen Newman Zehendner, pp. 85-94. *Journal of Wetland Archaeology*, 9. Oxbow Books, University of Exeter, England.

PAPERS AND POSTERS PRESENTED

- 2013 Spatial Analysis of the Western Pluvial Lakes Tradition in the Southern Columbia Plateau and Northern Great Basin of North America, Society for American Archaeology Meeting, Honolulu, Hawaii, April 5.
- 2012 Testing the Western Pluvial Lakes Tradition Hypothesis in the Northern Great Basin and Southern Columbia Plateau, presented at Northwest Anthropological Conference in Pendleton, OR, March 15.
- 2011 Chelsey G.D. Armstrong, Jason Moore, Antonia Rodrigues, Bethany Mathews, Dale Croes, Dana Lepofsky, and Dongya Yang. Recovering Ancient DNA from Archaeologically Preserved Garry Oak (*Quercus garryana*) Acorns, poster presented at Society of Ethnobiology Annual Meeting, Columbus, Ohio, May 5.
- 2010 Bethany Mathews and Leroy Keener, “The greatest of all delicacies”: Waterlogged Archaeology and the Search for Ancient Food Preference on the Northwest Coast of North America, presented at Society of Ethnobiology Annual Meeting, Victoria, British Columbia, May 7

2008 Acorn Leaching Pits, Oak Woodlands and Comparative Ethnography of the Northwest Coast, presented at American Society for Ethnohistory Conference in Eugene, OR, November 13.

2008 Balanophagy in the Pacific Northwest: The Acorn-Leaching Pits at the Sunken Village Wet site and Comparative Ethnographic Acorn Use, presented at 61st Annual Northwest Anthropological Conference in Victoria, BC, Canada, April 25.

2008 Balanophagy in the Pacific Northwest: The Acorn-Leaching Pits of the Sunken Village Wet Site 35MU4 and Comparative Ethnography of Acorn Use, presented at 73rd Annual Society for American Archaeology Meeting, Vancouver, BC, Canada, March 28.

2007 The Acorn-Leaching Pits of Sauvie Island: Macroflora Analysis, Comparison of Regional Acorn Use, and Human Population Size Estimate, presented at 60th Annual Northwest Anthropological Conference in Pullman, WA, March 15.

REPORTS AUTHORED

2018 (in progress) Channeled Scablands Farmstead Section 110 Inventory Project, Lincoln and Adams Counties, WA. Prepared for Spokane District Bureau of Land Management.

2018 Cultural Resource Assessment for the 4831 113th St SW Development Project, Thurston County, WA. Thurston County review prepared for Pacific Northwest Archaeological Services.

2017 Cultural Resources Assessment for the Eleven Townhomes Project, Bothell, King County, WA. SEPA review prepared for Tierra Right of Way Services.

2017 Cultural Resource Assessment for the 24th Street SE Extension Project, Lake Stevens, Snohomish County, WA. Prepared for Tierra Right of Way Services.

2017 Lake Stevens Logging Site Inventory Form, Snohomish County, WA. Prepared for Tierra Right of Way Services.

2017 Cultural Resource Assessment for the Cedar River Water and Sewer District Water Main Replacement Project, King County, WA. Prepared for Tierra Right of Way Services.

2017 Cultural Resource Assessment for the Hayho Commerce Center Project, King County, WA. Prepared for Tierra Right of Way Services.

2017 Cultural Resource Assessment for the Maltby Area Park Project, Snohomish County, WA. Prepared for Tierra Right of Way Services.

2017 Olympia Bottling Works Site Inventory Form, Thurston County, WA. Prepared for Tierra Right of Way Services.

2017 Cultural Resource Assessment for Oso Substation Site Improvements Project, Snohomish County, WA. Prepared for Tierra Right of Way Services.

2017 Maury Island Midden Site Inventory Form, King County, WA. Prepared for Tierra Right of Way Services.

2017 Cultural Resource Assessment for the Heron Residence Beach Repair Project, King County, WA. Prepared for Tierra Right of Way Services.

2016 Cultural Resource Assessment for the Electron Hydro Repair Project, Pierce County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2016 Cultural Resource Assessment for the I-5 Joint-Base Vicinity Improvement Project, Pierce County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2016 South Fort Lewis Site Inventory Form, Pierce County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2016 Lewis Drive Site Inventory Form, Pierce County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2016 DuPont School Site Inventory Form, Pierce County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2016 Pacific Highway Refuse Concentration Site Inventory Form, Pierce County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2016 North Fort Lewis Railway Site Inventory Form, Pierce County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2016 Mount Rainier Ordnance Gate Site Inventory Form, Pierce County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2016 South Fort Lewis Site Inventory Form, Pierce County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2016 Murray Road Refuse Scatter Site Inventory Form, Pierce County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2016 Cultural Resource Assessment for the Nisqually Indian Tribe Frederickson Gas Station and Convenience Store, Pierce County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2016 Cultural Resource Assessment for the South Prairie Creek Restoration Project, Pierce County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2015 Assessment of site 45PI01358 for the Northwest Logistics Building 2 Project, Pierce County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2015 Cultural Resource Assessment for the Tremonte Bulkhead Project, Thurston County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2015 Cultural Resource Assessment for the Lanphear Development Project, Mason, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2015 Cultural Resource Assessment for the Spokane Transit Authority West Plains Transit Center, Spokane County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2015 Cultural Resource Assessment for the Columbia River Intake Project, Boardman, OR. Prepared for Aqua Terra Cultural Resource Consultants.

2015 Cultural Resources Assessment for the Monroe Main Street Project, Snohomish County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2015 Cultural Resources Assessment for the Mashel River Restoration Project for the Nisqually Land Trust, Pierce County, WA. Prepared for Statistical Research, Inc.

2015 Cultural Resource Assessment for the Titlow Beach Restoration Project, Pierce Count, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2015 Cultural Resources Assessment for the Habitat for Humanity Sammamish Cottages, King County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2015 Cultural Resources Assessment for the Curbside Motors Development Project, Pierce County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2015 Cultural Resources Assessment for the Johnson Road Industrial Project, Centralia, Lewis County, WA. Prepared for Drayton Archaeological Research.

2015 Cultural Resource Survey Memorandum for the Amended APE for the Lake to Sound Trail, Segment A, King County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2015 Cultural Resource Monitoring of the Lakewood Outfall Quality Retrofit Project, Pierce County, WA. Prepared for Aqua Terra Cultural Resource Consultants.

2014 Cultural Resources Assessment for the Pierce Conservation District's Upper Nisqually Vicinity Riparian Restoration Project. Prepared for Aqua Terra Cultural Resource Consultants.

2012 Glenn Wegner Natural Resource Conservation Service
Environmental Quality Incentives Program 2012 #120PB Cultural Resource Inventory, Franklin County, WA.
Prepared for Columbia Historical Consulting.

2012 William Reser Natural Resource Conservation Service
Environmental Quality Incentives Program 2012 #120BE Cultural Resource Inventory, Walla Walla County, WA.
Prepared for Columbia Historical Consulting.

2011 Sprecher Pestle Isolate Report, Lincoln County, WA. Prepared for Columbia Historical Consulting.

2011 Sprecher Historic Domestic Refuse Dump Site Report, Lincoln County, WA. Prepared for Columbia Historical Consulting.

2011 David A. Sprecher Natural Resource Conservation Service Environmental Quality Incentives Program 2011 #110NB Cultural Resource Inventory, Lincoln County, WA. Prepared for Columbia Historical Consulting.

2011 Zietzke-Schutz Ranch Site Report, Adams County, WA. Prepared for Columbia Historical Consulting.

2011 Rocky Top Ranch Natural Resource Conservation Service Environmental Quality Incentives Program 2011 #110CO and #110BN Cultural Resource Inventory, Lincoln County, WA. Prepared for Columbia Historical Consulting.

2011 C & A Farms Inc Natural Resource Conservation Service Environmental Quality Incentives Program 2011 #1109L Cultural Resource Inventory, Adams County, WA. Prepared for Columbia Historical Consulting.

2011 Larry A. Hoffman Sr. Natural Resource Conservation Service Environmental Quality Incentives Program 2011 #110CG Cultural Resources Inventory, Adams County, WA. Prepared for Columbia Historical Consulting.

2011 K & V Ziemer Farms Inc Natural Resource Conservation Service Environmental Quality Incentives Program 2011 #110CJ Cultural Resource Inventory, Adams County, WA. Prepared for Columbia Historical Consulting.

2011 Rod A. Goodwin Natural Resource Conservation Service Environmental Quality Incentives Program 2011 #110FR Cultural Resource Inventory, Lincoln County, WA. Prepared for Columbia Historical Consulting.

2011 Leslie Spencer Natural Resource Conservation Service Environmental Quality Incentives Program 2011 #110AW Cultural Resource Inventory, Adams County, WA. Prepared for Columbia Historical Consulting.

2011 Christine Harder Tangvald Natural Resource Conservation Service Environmental Quality Incentives Program 2011 #110CS Cultural Resource Inventory, Adams County, WA. Prepared for Columbia Historical Consulting.

2011 Aspen Camp CCS Core Isolate Report, Adams County, WA. Prepared for Columbia Historical Consulting.

2011 Aspen Camp Ranch Inc Natural Resource Conservation Service Environmental Quality Incentives Program Cultural Resource Inventory Report, Adams County, WA. Prepared for Columbia Historical Consulting.

2011 DBO Farms Natural Resource Conservation Service Environmental Quality Incentives Program Cultural Resource Inventory Report, Lincoln County, WA. Prepared for Columbia Historical Consulting.

2011 R & K Farms Natural Resource Conservation Service Environmental Quality Incentives Program Cultural Resource Inventory Report, Lincoln County, WA. Prepared for Columbia Historical Consulting.

2010 Box O Ranch Site Report, Jackson County, OR. Prepared for Medford District Bureau of Land Management.

2010 Camp White Fortification Zone Site Report, Jackson County, OR. Prepared for Medford District Bureau of Land Management.

AWARDS

2013 Travel and Minor Research Award, Simon Fraser University

2012 Professional Development Grant, Graduate Student Society, Simon Fraser University

2012 Travel and Minor Research Award, Simon Fraser University

2012 Northwest Regional Scholarship, Washington State Scholar, Washington Trust for Historic Preservation

2012 Roy F. Jones Memorial Scholarship, Oregon Archaeological Society

2012 Travel and Minor Research Award, Simon Fraser University

2011 Dr. Jack Nance Memorial Graduate Scholarship in Archaeology, Simon Fraser University

2010 Travel and Minor Research Award, Simon Fraser University

2010 Roy F. Jones Memorial Scholarship, Oregon Archaeological Society

2010 Graduate Fellowship, Simon Fraser University

2010 J.V. Christensen Graduate Scholarship, Simon Fraser University

2009 Targeted Special Graduate Scholarship, Simon Fraser University

2008 Undergraduate Paper Award, Northwest Anthropological Conference

2007 Social Science Research Paper Award, South Puget Sound Community College

ACADEMIC EXPERIENCE

Seminar Series Coordinator 2010–2012
Organized internal and external speaker talks for weekly seminar series at Simon Fraser University Archaeology Department.

Proseminar Series Coordinator 2010–2012
Coordinated professional development opportunities with Archaeology grad students and faculty for Simon Fraser University Archaeology Department.

Teaching Assistant 2007–2011
Introduction to Archaeology Course, Instructor Brian Hayden
Ancient Peoples and Places Course, Instructor Dana Lepofsky
Archaeological Field School, Instructor Dale Croes