

2025 Joint Annual Meeting

Tulalip Resort, Tulalip, WA

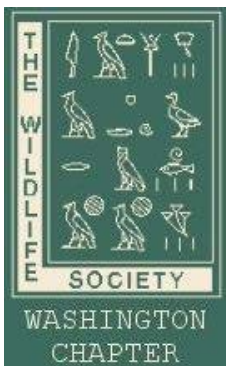
March 24-28, 2025

**Ecosystem
Resilience:**

**Science
in Action**

**Tulalip, WA
2025**

WATWS SNVB NW PARC



WELCOME FROM THE PARTNERS!

Welcome to our 2025 Joint Annual Meeting, hosted by the Washington Chapter of The Wildlife Society, The Society for Northwestern Vertebrate Biology, and Northwest Partners in Amphibian and Reptile Conservation. We are excited to bring you this program with the theme of ***Ecosystem Resilience: Science in Action***. This is a challenging time for wildlife professionals; we hope this week's events offer a chance to reconnect with colleagues, learn new science and management techniques, and inspire a renewed appreciation for the important work that we do. And please consider joining one or more of our organizations!

Washington Chapter of The Wildlife Society (WATWS)

The Washington Chapter of The Wildlife Society is a statewide affiliate of The Wildlife Society devoted to promoting excellence in wildlife stewardship through science and education. Chapter members represent a diverse array of wildlife conservation and management agencies, nongovernmental organizations, academic faculty, students, education programs, and other disciplines dedicated to conserving diversity, sustaining productivity, and ensuring responsible use of wildlife resources for the benefit of society. The Washington Chapter encourages research and professional growth through grants, workshops, annual meetings, and undergraduate scholarships. Learn more at <https://watws.wildapricot.org/>.

Executive Board: President: George Ritchotte; Past President: Alex Pavlinovic; President-Elect: Claudine Reynolds; Vice President: Marisa Pushee; Secretary: Patrick Tweedy; Treasurer: James Butch; Board Members: Lindsey Webb, Glen Kalisz, Brian Stewart, Jake Verschuyt

The Society for Northwestern Vertebrate Biology (SNVB)

Founded in 1920, SNVB is the oldest scientific association devoted to the study of vertebrates in the Pacific Northwest. Our society strives to promote professional working relationships among ornithologists, mammalogists, herpetologists, and ichthyologists in our region. Please explore our website (www.thesnvyb.org) and check out our flagship publication, Northwestern Naturalist. If you share our passion for learning about the natural history and ecology of the Northwest, our annual meeting is a great place to meet new people while learning about research currently being conducted in our region. President: Aimee McIntyre

Northwest Partners in Amphibian and Reptile Conservation

Northwest Partners in Amphibian and Reptile Conservation is the Northwest Regional Chapter of Partners in Amphibian and Reptile Conservation (PARC). We are a diverse group of like-minded citizens, professionals and organizations dedicated to the conservation of herpetofauna (reptiles and amphibians) and their habitats. Our region includes individuals from Alaska, Washington, Oregon, Idaho, Montana, Wyoming, and parts of N. Dakota, S. Dakota and California in the U.S. as well as British Columbia, Alberta, and the Yukon Territories of Canada. Membership is free of charge and available to anyone interesting in conservation of Herps in the Pacific Northwest. Visit us at <http://www.nwparc.org/>.

Current Co-chairs: Laura A Sprague (USFWS) and Christine A. Parker-Graham, DVM, MA, Dipl. ACZM (USFWS). The Steering Committee has a representative from each of the states and provinces we cover.

Please take a moment to review our guidelines for professional conference behavior:

<https://watws.org/annual-meeting/about/professional-behavior>

JAM 2025 Steering Committee

Organizing this conference is a huge effort, and only possible with the joint efforts of numerous people. Thanks to everyone who pitched in, particularly:

Claudine Reynolds , WA-TWS
Bruce Thompson, WA-TWS
Alex Pavlinovic, WA-TWS
George Ritchotte, TWS
James Butch, WA-TWS
Marisa Pushee, WA-TWS
Lindsey Webb, WA-TWS
Kim McCune, WA-TWS
Glen Kalisz, WA-TWS

Brian Stewart, WA-TWS
Aimee McIntyre, SNVB
Laura Sprague, NWPARC
Teal Waterstrat, SNVB
Wesley Bowens, SNVB
Bill Vogel, WA-TWS
Matt Wilson, WDFW
Jessica Homyack, Weyerhaeuser
Collette Yee, Rogue Detection Team

Thank you to our Sponsors and Financial Supporters!

This conference is made possible by the generous support of several contributing organizations. Your support contributes to the dissemination of new research, allows for increased student attendance, and creates opportunities for partnerships with wildlife professionals. Thank you!!

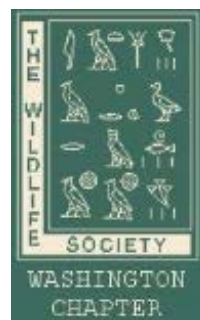
Gold



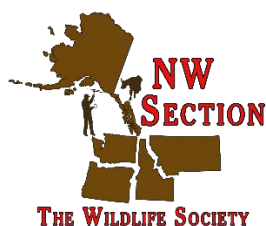
Silver



Bronze



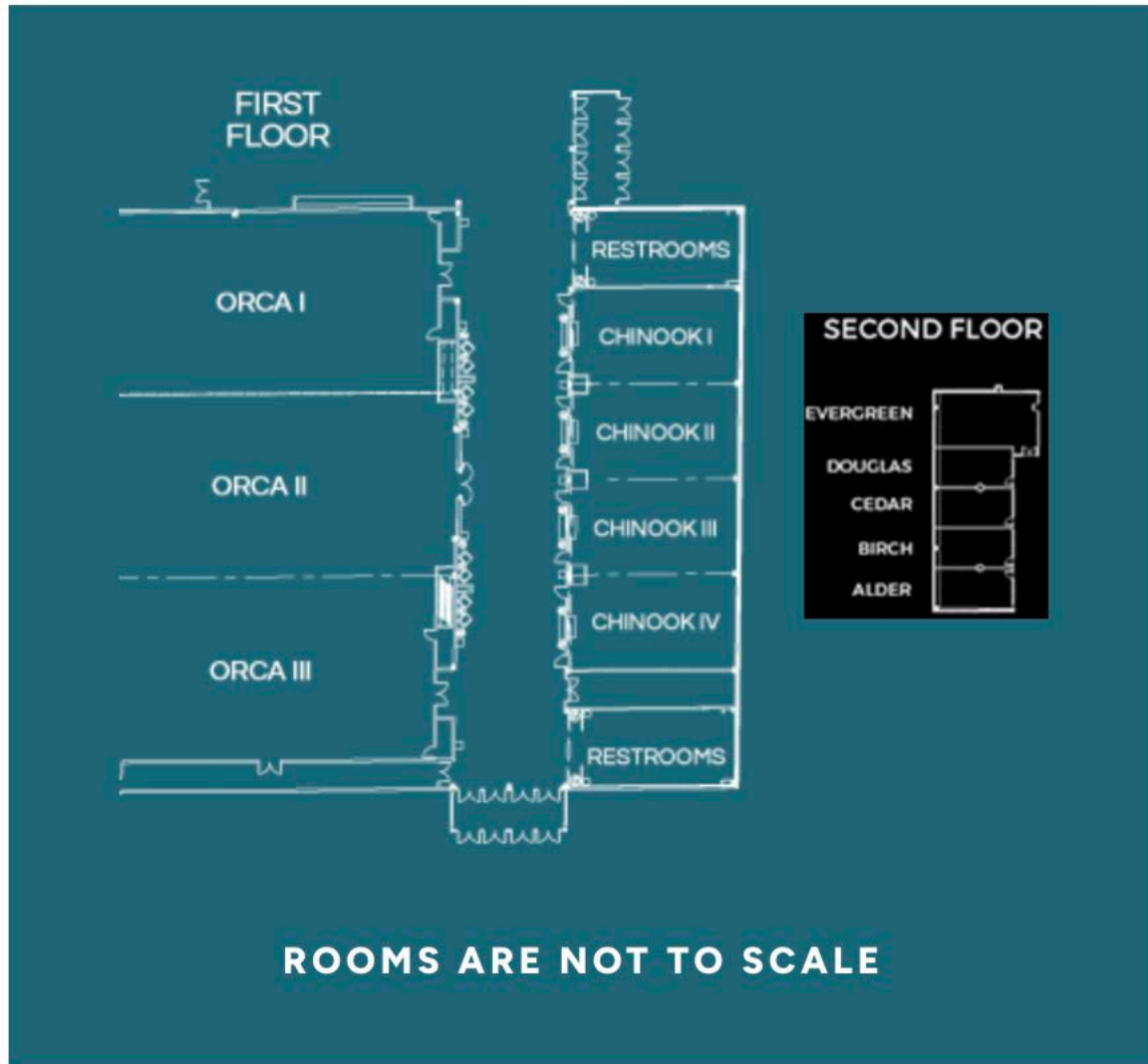
Supporting



Location, Information, and Attractions

This year's meeting will be held at the Tulalip Resort and Casino, a property owned and managed by the Tulalip Tribes (<https://www.tulaliptribes-nsn.gov/>). The resort, just north of Marysville, WA, offers luxury accommodations, a state of the art conference center, and excellent cuisine. Explore what the resort has to offer at <https://www.everythingtulalip.com/properties/tulalip-resort-casino/>

Meeting Room Layout



Schedule at a Glance

Monday March 24th		
<i>Registration 7:00 AM – 10:00 AM</i>		
Time	Activity	Location
8:00 – 10:00	Wildlife Handling & Chemical Immobilization	Alder Room
	Forestry & Silviculture for Wildlife Biologists in the PNW	Chinook 1
10:00 – 10:30	Break – refreshments in foyer	---
10:30 – 12:00	Wildlife Handling & Chemical Immobilization	Alder Room
	Forestry & Silviculture for Wildlife Biologists in the PNW	Chinook 1
12:00 – 1:00	Lunch on your own	---
1:00 – 5:00	Wildlife Handling & Chemical Immobilization	Field
	Forestry & Silviculture for Wildlife Biologists in the PNW	Field
Tuesday March 25th		
<i>Registration 7:00AM – 5:00PM</i>		
8:00 – 10:00	Forest Landscape Management for Wildlife	Chinook 1
	Wildlife Necropsies and Mortality Site Investigation	Chinook 2
	PNW Amphibian Monitoring Network- Moving our "Newtwork" Forward	Chinook 3
9:00 – 10:00	Wildlife Handling & Chemical Immobilization	Chinook 4
10:00 – 10:30	Break – Refreshments in foyer	---
10:30 -12:00	Forest Landscape Management for Wildlife	Chinook 1
	Wildlife Necropsies and Mortality Site Investigation	Chinook 2
	PNW Amphibian Monitoring Network- Moving our "Newtwork" Forward	Chinook 3
	Wildlife Handling & Chemical Immobilization	Chinook 4
12:00 – 1:00	Lunch on your own	---
1:00 – 3:00	Forest Landscape Management for Wildlife	Chinook 1
	Telemetry Techniques	Chinook 2
	Wildlife Handling & Chemical Immobilization	Chinook 4
	Wildlife Necropsies and Mortality Site Investigation	Field
3:00 – 3:30	Break – refreshments in foyer	---
3:30 – 4:00	Wildlife Necropsies and Mortality Site Investigation	Field
3:30 – 4:30	Telemetry Techniques	Field
3:30 – 5:00	Forest Landscape Management for Wildlife	Chinook 1
	Wildlife Handling & Chemical Immobilization	Chinook 4
5:00 – 7:00	DEI Social/Resume Review	Orca 2

Wednesday March 26 th		
Registration 7:30AM – 11:30AM; 1:30PM – 5:30PM		
7:00 – 9:00	Continental breakfast – all registrants	Foyer
9:00 – 12:00	Plenary session – <i>Ecosystem Resilience: Science in Action</i>	Orca 1
12:00 – 1:00	Business lunches for WA-TWS, SNVB, & NWPARC (pick up and go lunches provided for other registrants)	Orca 1 & 2
1:00 – 3:00	Managing Through Disturbance: Wildlife and Habitat Response to Natural Events	Chinook 1
	Collaborative Land Conservation & Funding	Chinook 2
3:00 – 3:20	Break – no refreshments	---
3:20 – 5:00	Managing Through Disturbance: Wildlife and Habitat Response to Natural Events	Chinook 1
	Collaborative Land Conservation & Funding	Chinook 2
5:00 – 6:30	Poster Session/Student-Professional Mixer/Resume Review	Orca 2
6:30 – 9:00	Welcome reception, Raffle/Auction, Hors d'Oeuvres, and No-Host Bar	
Thursday March 27 th		
Registration 7:45AM -12:00PM; 1:00PM – 5:00PM		
7:00 – 9:00	Breakfast with a Wildlifer	Orca 1
8:30 – 10:00	Herps and Disease	Chinook 1
	Wildlife Habitat Connectivity	Chinook 2
	Detection Dogs, Technology, and Conservation	Chinook 3
10:00 – 10:30	Break – no refreshments	---
10:30 – 12:00	Herps and Disease	Chinook 1
	Wildlife Habitat Connectivity	Chinook 2
	Detection Dogs, Technology, and Conservation	Chinook 3
12:00 – 1:00	Lunch on your own	---
1:00 – 1:40	Herps and Disease	Chinook 1
	Wildlife Habitat Connectivity	Chinook 2
1:40 – 3:00	Integrating Waterfowl Research & Management	Chinook 1
	Wildlife Habitat Connectivity	Chinook 2
3:00 – 3:30	Break – refreshments in foyer	---
3:30 – 5:00	Integrating Waterfowl Research & Management	Chinook 1
	Wildlife Habitat Connectivity	Chinook 2
5;30 – 9:00	Banquet Dinner, Award Ceremony, and Silent Auction – <u>ticket required</u>	Orca 1
Friday March 28 th		
Registration 7:45 – 9:00AM		
7:30 – 12:00	Snohomish Estuary Restoration Hike and Birdwatching	Offsite
9:00 – 5:00	I-5 Padden Creek Fish and Wildlife Fish and Wildlife Underpass/SR20 Red Cabin Creek Wildlife Overpass Habitat Connectivity Projects	Offsite

Plenary Speakers

Bruce Thompson



Dr. Bruce Thompson is a retired wildlife professional after a more than 40-year career with a variety of assignments and employers. His education in wildlife ecology and sciences includes a B.S. from University of Wisconsin-Stevens Point, M.S. from Oregon State University, and Ph.D. from Texas A&M University. Bruce held natural resources administrative, research, and management positions with Washington Department of Fish and Wildlife; New Mexico Energy, Minerals and Natural Resources Department; New Mexico Department of Game and Fish; New Mexico Cooperative Fish and Wildlife Research Unit; Texas Parks and Wildlife Department; Washington Department of Game; and U.S. Marine Corps. Bruce worked collaboratively with various conservation and habitat management professionals on projects and programs involving colonial breeding waterbirds, elk and black bears, fur-bearing animals, alligators, many specially protected species, and identifying landscape protection targets. He has special interests in conservation communication processes and using large scale ecological data for conservation planning. During 14-years of faculty appointment at New Mexico State University, Bruce taught Conservation Communication for 130 undergraduate and graduate students and advised thesis research for 24 graduate students. He is a 54-year member of The Wildlife Society and a Certified Wildlife Biologist®. He has engaged extensively in The Wildlife Society including numerous committee assignments at Chapter, Section, and parent levels; President of the Texas, New Mexico, and Washington state Chapters; Editor of the *Wildlife Society Bulletin*; Associate Editor for the *Journal of Wildlife Management*; and Southwest Section Representative to TWS Council. He served as President of The Wildlife Society during 2016-2017.

Rachel Benbrook



Rachel Benbrook is the Snohomish Watershed Steward for the Washington Department of Natural Resources Watershed Resilience Program. She has built a diverse skillset and wide knowledge of Salish Sea/Western Washington ecology, watersheds, and communities through over 20 years of working on the water and in the woods. Her career includes time with local businesses and regional/local nonprofits, with a focus on salmon recovery, habitat restoration, scientific monitoring, and community engagement projects. She has been with the Washington Department of Natural Resources since early 2023, where she leads the Watershed Resilience Program, a coordinated, “trees to seas” effort to support salmon recovery and ecosystem resiliency in three Puget Sound watersheds.

Fran Cafferata



Fran Cafferata is a Certified Wildlife Biologist® and the owner of Cafferata Consulting. Fran has over 25 years of experience completing environmental surveys for sensitive, threatened, and endangered plant and animal species and their habitats. Fran is passionate about open communication, collaboration and advocating for wildlife through intentional management. Fran works hard to bring forestry and wildlife researchers and practitioners together to manage for wildlife and forestry in the Pacific Northwest. Specifically, she works on projects that involve writing management plans for landowners for compliance with the Sustainable Forestry Initiative. She also works on education and outreach programs that help tell the story of forestry.

Kim Sager-Fradkin



Kim Sager-Fradkin is the Wildlife Program Manager for the Lower Elwha Klallam Tribe in Port Angeles, WA. Kim's research involves two primary tracks: 1) monitoring wildlife response to removal of the Elwha dams; and 2) monitoring wildlife species that are important for tribal subsistence harvest, as well as their predators. In that capacity, along with Panthera, she co-leads the Olympic Cougar Project, a large-scale cougar research endeavor focused on understanding this elusive species and improving habitat connectivity in an increasingly human-dominated landscape. Kim has a B.S. degree in Wildlife Biology from Humboldt State University, and an M.S. in wildlife from the University of Idaho. Kim will share stories, lessons, and successes from the highly collaborative Olympic Cougar Project.



Detailed Meeting Schedule

Monday, March 24					
Time	Room				
	Foyer	Alder Room	Chinook 1	Quil Ceda Offsite Workshop 1	Quil Ceda Offsite Workshop 2
7:00 - 10:00	Registration	Wildlife Handling & Chemical Immobilization	Forestry & Silviculture for Wildlife Biologists in the PNW		
10:00 - 10:30	Break- Refreshments in foyer				
10:30 - 12:00		Wildlife Handling & Chemical Immobilization	Forestry & Silviculture for Wildlife Biologists in the PNW		
12:00 - 1:00	Lunch on your own				
1:00 - 4:30				Wildlife Handling & Chemical Immobilization	Forestry & Silviculture for Wildlife Biologists in the PNW
Tuesday, March 25					
Time	Room				
	Foyer	Chinook 1	Chinook 2	Chinook 3	Chinook 4
7:00 - 8:00	Registration & Job Board /Vendor setup				
8:00 - 9:00		Forest Landscape Management for Wildlife	Wildlife Necropsies and Mortality Site Investigation	PNW Amphibian Monitoring Network- Moving our "Newtwork" Forward	
9:00 - 10:00					Wildlife Handling & Chemical Immobilization
10:00 - 10:30	Break- Refreshments in foyer				
10:30 - 12:00	Registration & Job Board /Vendor setup	Forest Landscape Management for Wildlife	Wildlife Necropsies & Mortality Site Inv.	PNW Amphibian Monitoring Network- Moving our "Newtwork" Forward	Wildlife Handling & Chemical Immobilization
12:00 - 1:00		Lunch on your own			

Tuesday, March 25 (cont.)							
Location							
Time	Foyer	Orca 2	Chinook 1	Chinook 2	Chinook 4	Quil Ceda Offsite Workshop 1	Quil Ceda Offsite Workshop 2
1:00 - 3:00	Registration & Job Board /Vendor setup	Poster set up	Forest Landscape Mgmt. for Wildlife	Telemetry Techniques	Wildlife Handling & Chemical Immobilization	Wildlife Necropsies & Mortality Site Investigations	
3:00			Break- Refreshments in foyer				
3:30 - 5:00			Forest Landscape Mgmt. for Wildlife		Wildlife Handling & Chemical Immobilization	Wildlife Necropsies & Mortality Site Investigations	Telemetry Techniques
5:00 - 7:00		DEI Social/Resume Review/Cash bar					



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Wednesday, March 26						
	Room					
Time	Foyer	Orca 1	Orca 2		Chinook 1	Chinook 2
7:00 - 9:00	Continental Breakfast		SNVB/NWPARC Business Mtg			
9:00 - 12:00	Vendors	Plenary Session				
12:00 - 1:00	Box lunches for all	WATWS Business Mtg				
1:00 - 3:00	Vendors		Silent Auction, Raffle, and Poster set up		Managing Through Disturbance: Wildlife and Habitat Response to Natural Events	Collaborative Land Conservation and Funding
3:00 - 3:20					Break- No refreshments	
3:20 - 5:00					Managing Through Disturbance: Wildlife and Habitat Response to Natural Events	Collaborative Land Conservation and Funding
5:00 - 6:30			Poster Session/Student Professional Mixer/Resume Review	Cash bar		
6:30 - 9:00			Welcome Reception/Silent Auction/Raffle			



Wednesday, March 26 – PM Presentations				
*indicates a student presentation				
Time	Chinook 1		Time	Chinook 2
1:00 – 1:20	Managing Through Disturbance: Wildlife and Habitat Response to Natural Events	Recovery of Fish Populations and Physical Channel Characteristics in Streams Impacted by Catastrophic Debris Flows; Jason Walter, Weyerhaeuser	1:00 – 1:10	Mima Creek Oregon Spotted Frog Project; Scott Olmstead, Ducks Unlimited
			1:10 – 1:20	Evaluating American Bullfrog Removal Efforts and Dietary Impacts at the Black River Unit, Billy Frank Jr. Nisqually NWR; Ryan Munes, USFWS
1:20 – 1:40		Spatial and Temporal Variation in Occupancy of Stream-associated Amphibians; Jake Verschuyl, NCASI	1:20 – 1:30	Effective Partnerships and Light Touch Stream Restoration in Moses Coulee, WA; David Morgan, TNC
			1:30 – 1:40	Rock Island Creek Restoration Project, a Success in Collaboration; Alexander Pavlinovic, WA-TWS
1:40 – 2:00		Dual Disturbances: Environmental Responses to Wildfire and Forest Management; Jessica Homyack, Weyerhaeuser	1:40 – 1:50	The Fight Against Blue-green Algae: Bringing a Community Together to Make a Lake Clean Again; Kaley Wisher, Col. Basin Conservation District
			1:50 – 2:00	Power of Partnerships: Strategies for Leveraging and Funding Impact; Elspeth Hilton Kim, Ecostudies Institute
2:00 – 2:20		Effects of Pre- and Post-Fire Forest Mgmt. on Aquatic Biodiversity: an Eval. of Fire Resiliency and Recovery; Ashley Coble, NCASI	2:00 - 2:10	Prairie, Oaks, and People - An Investment Strategy: A Collaborative Funding Model; Sara Evans-Peters, Pacific Birds Habitat Joint Venture
			2:10 – 2:20	WDFW Forest Management Collaboration and Funding Opportunities; Rod Pfeifle, WDFW
2:20 – 2:40		Wildfire, Timber Harvest, and Salamanders: Exploring Disturbance Impacts in the Western Oregon Cascades; Jasmine Williamson*, OSU	2:20 – 2:30	Bunny with the Money: How Creative Partnerships and Funding Contributed to Recovery Success for the Endangered Col. Basin Pygmy Rabbit; Jon Gallie, WDFW
			2:30 – 2:40	WA Shrubsteppe Restoration and Resiliency Initiative; Janet Gorrell, WDFW
2:40 – 3:00		Patterns of Clark’s Nutcracker Occupancy in a Post-Fire Whitebark Pine Ecosystem; Ashley Sacco*, CWU	2:40 – 2:50	EQUIP-Unplugged; Rachel Maggi, NRCS
3:00 - 3:20		Break- no refreshments	2:50 – 3:20	Break – no refreshments
3:20 – 3:40		Effects of Wildfires on Pygmy Short-horned Lizards in Central WA; Ellie Leatherman*, CWU	3:20 – 4:30	Panel discussion
3:40 – 4:00		Marine Nearshore Salmon Habitats at Risk; Cynthia Catton, WDNR		
4:00 – 4:20		Two Riparian-associated Non-target Taxa Benefit from Beaver Dam Analogue Restoration; Julianna Hallza*, WSU		
4:20 – 4:40		Wildlife Use and Costs of Created Habitat Piles in a Managed Forest Landscape; Leif Hansen, Port Blakely		

Thursday , March 27									
	Room								
Time	Alder Room	Foyer		Orca 1		Orca 2	Chinook 1	Chinook 2	Chinook 3
7:00 - 8:00		Registration & Job Board		Breakfast with a Biologist/ Resume Review					
8:00 - 8:30			Vendors						
8:30 - 8:50									
8:50 – 10:10					Herps and Disease	Wildlife Habitat Connectivity	Detection Dogs, Technology, and Conservation		
10:10 - 10:30					Posters take down	Break- no refreshments			
10:30 - 12:00						Herps and Disease	Wildlife Habitat Connectivity	Detection Dogs, Technology, and Conservation	
12:00 - 1:00						Lunch on your own			
1:00 – 1:20						Herps and Disease	Wildlife Habitat Connectivity	Integrating Water Fowl Research & Management	
1:20 - 3:00									
3:00 - 3:20						Break - Refreshments in foyer			
3:20 - 4:40	Resume review	Registration & Job board take down	Vendors take down			Wildlife Habitat Connectivity	Integrating Water Fowl Research & Management		
4:40 – 5:00									
5:00 PM - 6:00 PM				Cash Bar	Banquet Dinner/ Awards/Silent Auction				
6:00 PM - 9:00 PM									



Thursday, March 27 – AM Presentations

*Student presentation

Time	Chinook 1		Chinook 2		Chinook 3	
8:30 – 8:50	Herps and Disease	Hotter Moms and Bigger Babies: Garter Snake Reproduction in a Changing Climate; David Hubert, OSU	Wildlife Habitat Connectivity	American Pikas Select Fine-Scale Characteristics of Talus Patches for Haypile Locations; Ana Ferreira*, WSU	Detection Dogs, Technology, and Conservation	Detection Dogs 101: Methodology and Insights for Wildlife Research; Collette Yee, Rogue Dogs
8:50 – 9:10		Overcoming Time: Abundance and Demographics in a Northern Rubber Boa (<i>Charina bottae</i>) Population over 50 years; Mark Leppin, OSU		Habitat Connectivity in the South Cascades of Washington State to Benefit Tribally Significant Wildlife Species via SR 12 Overpass Planning and Scoping; Barb Moeller, Puyallup Tribe of Indians		Navigating the Use of Detection Dogs for your Research on Federally Managed Public Lands: Permits, Logistics and Communications. Tara Chestnut, Evergreen State College
9:10 – 9:30		Seasonality, Growth, and Juvenile Morphometrics in Oregon Populations of the Common Sharp-Tailed Snake, <i>Contia tenuis</i> ; Dustin Campbell*, OSU		You Can Lead a Horse to Water: Strategies for Working with Engineers in the Planning & Implementation of Wildlife Connectivity in Transportation Projects; Piper Petit		Prey Partitioning in a Diverse Predator Community: Implications for Reintroduced Fishers in Washington; Laura Prugh, University of Washington
9:30 – 9:50		Landscape Genomics Reveals Unexpected Patterns of Gene Flow in the Threatened Cascade Torrent Salamander; Christopher Cousins*, OSU		Origin of the Red Cabin Creek Wildlife Overcrossing on State Route 20, WA; Jennifer Sevigny, Stillaguamish Tribe of Indians		Scat Dogs and Fisher Food: Using Trained Sniffer Dogs to Non-Invasively Study a Rare and Elusive Mesocarnivore's Diet; Mae Frank*, Thompson Rivers University
9:50 – 10:10		Making Amphibian Habitat from Stormwater Pond Infrastructure; Jessica Sandoval, WDFW		I-90 Snoqualmie Pass East Wildlife Crossings: 2024 in Review; Glen Kalisz, WSDOT		Using Drones to Monitor Mountain Goats and Bighorn Sheep in Washington State – a Pilot Project; Dylan Collins, The Tulalip Tribes
10:10 -10:30		Break- no refreshments		Break – no refreshments		Break – no refreshments



Thursday, March 27 – AM Presentations (cont.)

*Student presentation

	Chinook 1		Chinook 2		Chinook 3	
10:30 – 10:50	Herps and Disease	Rogue Turtles with Exotic Leeches: Northwestern Pond Turtle, <i>Actinemys marmorata</i> , as a Host for an Invasive Leech, <i>Placobdella parasitica</i> ; Don Ashton, Applied River Sciences	Wildlife Habitat Connectivity	Evaluating Differences in Body Condition and Species Composition of Small Mammals as Metrics of Wildlife Crossing Structure Habitat Quality; Kristina Ernest, CWU	Detection Dogs, Technology, and Conservation	Instinct ASU - A Season of Progress with the World's First Real-Time, Satellite-Enabled ARU; Ashwin Datta, Instinct
10:50 – 11:10		Reducing the Risk of Transmitting Amphibian Chytrid Fungus (<i>Batrachochytrium dendrobatidis</i>) Through Beaver Relocations; Jesse Burgher*, WSU		Ground Squirrel Perception of Risk on Wildlife Crossing Structures; Sara Sanz*, CWU		Navigating the Muddy Middle - Developing a Bird-Based Biotic Index for Watershed Assessment in Central Kenya; Edwin Njuguna*, U. of Maine
11:10 – 11:30		Unveiling Amphibian Immunity: Effects of <i>Batrachochytrium dendrobatidis</i> on Leukocyte Dynamics in Species that Differ in Susceptibility; Rawan Tanous*, WSU		Guidance to Address Wildlife Habitat Connectivity in Local Land Use Planning; Julia Michalak, WDFW		Building a Collaborative, Long-Term Monitoring Program for Wolverines (<i>Gulo gulo</i>) and Canada Lynx (<i>Lynx canadensis</i>) in the Cascade Range; Robert Long, Woodland Park Zoo
11:30 – 11:50		Using Antifungal Treatments to Investigate the Effects of Amphibian Disease through Space & Time; Ryan Wagner*, WSU		Making Connectivity Happen in the Rapidly Developing Lowland Puget Sound; Chris Elder, Whatcom County Public Works		This Is How We Do It – Washington Wildlife Rehabilitation and Falconry; Alysha Evans, WDFW
12:00 – 1:00	Lunch on your own					



Thursday, March 27 – PM Presentations				
*Student presentation				
Time	Chinook 2		Chinook 3	
1:00 – 1:20	Wildlife Habitat Connectivity	The Olympic Cougar Project and its Contributions to Habitat Connectivity Planning; Kim Sager-Fradkin, Lower Elwha Klallam Tribe	Integrating Waterfowl Research and Management	Citizen Science, Grass Roots Efforts and Their Contributions to Swan Management; Martha Jordan, NW Swan Conservation Association
1:20 – 1:40		State Habitat Connectivity Planning: Approaches & Lessons Learned; Stephanie DeMay, WDFW		Trumpeter Swans in The Skagit Valley and Beyond; Ivonne Romero, WDFW & CSPUH
1:40 – 2:00		WA Habitat Connectivity Action Plan: A Collaborative Project to Prioritize Places and Strategies to Protect and Enhance Habitat Connectivity in WA; Julia Michalak, WDFW		This Is How We Do It – Swan Response and Rehabilitation in WA State; Alysha Evans, WDFW
2:00 – 2:20		Washington Habitat Connectivity Action Plan: Landscape Connectivity Prioritization; Zaneta Kaszta, WDFW		What the Swans Are Telling Us About Lead Poisoning; Martha Jordan, NW Swan Conservation Association
2:20 – 2:40		WA Habitat Connectivity Action Plan: Road Crossing Prioritization; Glen Kalisz, WSDOT		Redesign of a Floating Duck Trap for a Challenging Trap Site; Mike Sevigny, The Tulalip Tribes
2:40 – 3:00		Determining Site-specific Locations for Wildlife Crossing Structures on I-5 in SW WA; Marisa Pushee, WSDOT		Developing Digital Aerial Image Surveys to Assess Marine Waterfowl Populations in Washington's Salish Sea; Matt Hamer, WDFW
3:00 – 3:20		Break- Refreshments in foyer		Break- Refreshments in foyer
3:20 – 3:40		You Want to Build a Wildlife Crossing but Don't Have Community Support and all the Land is Privately Owned. What Do You Do? Brian Stewart, Conservation NW		Building Research and Management Capacity Through Partnerships; T. C. Peterson, Kalispel Tribe of Indians
3:40 – 4:00		Northern Red-legged Frog Use of a New Under-road Crossing and Adjacent Upland Habitat; Alyson Yates, Portland State University		The Channeled Scablands - A Critical Waterfowl Habitat; Matthew T. Wilson, WDFW
4:00 – 4:20				Harlequin Duck Management in Washington State; Kyle Spragens, WDFW

Posters

Posters will be displayed and presented in the Orca Room on Wednesday

* indicates a student presentation

Presenter	Poster Title
Barthelmess, Grace*	Influence of Home Range Size on Diet Breadth for Raccoons in the Prairie Potholes Region of Manitoba
Buries, Jasmine	Western Purple Martin Restoration and Monitoring on the Tulalip Reservation
Coffell, Kelsie	Stable Isotope Signatures of Inland Northwest Mammals: An Open-Source Data Set for Regional Diet Analysis
Dolman, Carley*	Creating Ephemeral Ponds for Great Basin Spadefoot (<i>Spea intermontana</i>) Conservation
Eddy, Tobiah	Thermoregulatory Behavior of the Columbia Basin Pygmy Rabbit
Frank, Mae*	Mesocarnivore Prey Availability in the Interior of British Columbia
Greenfield, Kaper*	Impacts of Changing Oceanographic Conditions on Meroplanktonic Communities in the Salish Sea
Griffin, Hanakah*	Abundance of Pacific Chorus Frogs and Long-toed Salamanders as a Function of Beaver Dam Age and Beaver Activity at Beaver Pond Sites in The Okanogan-Wenatchee National Forest
Haxby, Megan	Identification of Inland Northwest Mammals Via Guard Hair Analysis
Hubl, Dylan	Pacific Marten (<i>Martes caurina</i>) Occupancy Study on the Olympic Peninsula, Washington, 2022-2023
Jensen, Jeffrey	Otolith Microchemical Confirmation of Distinct Life Histories in a Complex Metapopulation of <i>Oncorhynchus nerka</i> – Sockeye and Kokanee Salmon in Lake Washington
Jordan, Martha	Birding with Awareness: Creating Connections Between User Groups and Agricultural Habitats
Kennel, Samantha*	Validating Methods for Collecting Physiological Parameters in the Field
Kurlychek, Claire*	Seasonal Movements and Habitat Selection of Black-tailed and White-tailed Jackrabbits in Central Washington
Liepold, Allison	Under the Bridge: Factors Influencing Bat Roost Use of Western Washington Bridges
Maron, Mason*	Climate and Landscape Modification Drive Range Expansion in Lesser Goldfinch across the Pacific Northwest
Masecar, Susanna*	<i>Batrachochytrium</i> Got Your Tongue? Gastrointestinal Stasis is Implicated in the Pathogenesis of Chytridiomycosis in Amphibians
Phelan, Christine*	Hunting and Traveling Behavior of Canada Lynx in Post-fire Regenerating Forests
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Trautmann, Julia	Evaluating the Effects of Microhabitat and Landscape-scale Factors on Western Snowy Plover Nest Success in Washington
Trovillion, Daniel	Emaciation and Mass Mortality in Rough-skinned Newts on the Olympic Peninsula