

## 2024 ORTWS Annual Conference Program

Tuesday February 13 - Detailed Schedule			
7:00 PM - 8:30 PM	Student Welcome <i>Gorge Room</i>		
Wednesday February 14 - Detailed Schedule			
7:00 PM - 8:00 AM	Student Volunteer / ORTWS Board Breakfast <i>Gorge Room</i>		
7:30 AM - 4:00 PM	Registration <i>Atrium</i>		
10:00 AM - 12:00 PM	Welcome and Plenary Session <i>Gorge Room</i>		
12:00 PM - 1:00 PM	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Hosted Lunch <i>Gorge Room</i></td> <td style="width: 50%; border: none;">Past Presidents Lunch <i>Shoreline Room</i></td> </tr> </table>	Hosted Lunch <i>Gorge Room</i>	Past Presidents Lunch <i>Shoreline Room</i>
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Wednesday February 14 - Detailed Schedule [Moderator] ; *Denotes Student Presenter			
Columbia Room	Trillium Room	Riverview Room	
Oregon Conservation Strategy [Katie Moriarty]	Human Dimensions [Vanessa Schroeder]	Avian Ecology [Jeremy Thompson]	
1:00 PM - 1:20 PM	<b>Carolyn Eckrich:</b> The Oregon Conservation Strategy, revision and opportunities	<b>Gareth R. Hopkins:</b> The influence of outdoor recreation on freshwater turtles in an urban-proximate park	
1:20 PM - 1:40 PM	<b>Jenny Hutchinson:</b> Leveraging effective conservation between State and Federal Agencies	<b>Virginia Borden:</b> On Call Community Rescue for Animals (OCCRA)	
1:40 PM - 2:00 PM	<b>Katie Moriarty:</b> Addressing gaps, acknowledging voids, and informing conservation planning – a case study with Humboldt martens	<b>Corrinne D. Oedeker*:</b> When worlds collide: Determining influences of carcass presence on U.S. Highway 97 in south-central Oregon	
2:00 PM - 2:20 PM	<b>Margaret A. Hallerud*:</b> Informing Coastal Marten conservation with genomics and scats	<b>Nate Bickford:</b> Human dimensions of raptor conservation and persecution: Golden Eagles	
2:20 PM - 2:40 PM	<b>Brent R. Barry*:</b> Assessing evidence of competition and predation in the limited distribution of Pacific fisher and coastal marten populations	<b>Shawn B. Szabo*:</b> Avian predator occupancy and diet at communication sites in sage-grouse habitat	
2:40 PM - 3:00 PM	<b>Lindsay N. Somers*:</b> Home is where the snag is: Ringtail rest site use in southwest Oregon	<b>Lindsey R. Perry, PhD*:</b> Influence of anthropogenic subsidies on raven movement in the western US during sage-grouse breeding season	
3:00 PM - 3:20 PM	<b>Emily Hamblen:</b> Prioritizing management opportunities using the Oregon Conservation Strategy	<b>Sam Metzger*:</b> Shifts in Bumble Bee Foraging Networks Across Gradients of Forest Management Regimes	
	Oregon Conservation Strategy [Katie Moriarty]	Human Dimensions [Vanessa Schroeder]	Avian Ecology [Jeremy Thompson]
3:20 PM - 3:30 PM	<b>Stella M. Copeland:</b> Environmental factors associated with successful introduction of the rare endemic plant, Oregon semaphoregrass	<b>Corrinne D. Oedeker*:</b> Who's there: North Gilchrist wildlife crossing structure diversity	<b>Stephanie M. LeQuier:</b> Non-lethal raven management: Picking up roadkill for the benefit of sage-grouse
3:30 PM - 3:40 PM	<b>I G N I T E</b> <b>Kelsey C. King*:</b> Status of Taylor's checkerspot butterfly	<b>I G N I T E</b> <b>Dr. Karen H. Mager:</b> Pre-construction monitoring of wildlife crossings over Interstate 5 in Southern Oregon	<b>I G N I T E</b> <b>Jade E. Keehn:</b> Use of avian indicator species to monitor post-restoration wetland habitat recovery
3:40 PM - 3:50 PM	<b>Rhiannon Cochrane:</b> Federally listed plants in Oregon: Status updates, recovery milestones, and management considerations	<b>Lara F. Mengak*:</b> Wildlife and Humans in Shared Landscapes (WHISL): Examining social-ecological threats in rangeland ecosystems	<b>Claudia Funari:</b> Pinyon jay - status and information needs in Oregon
3:50 PM - 4:00 PM	<b>Scott H. Harris:</b> Post-fire recolonization dynamics of a rare butterfly: a case study	<b>Karl Kosciuch:</b> Evaluating emerging options to mitigate for eagle take	<b>Frank B. Isaacs:</b> Bald eagles and great blue herons nesting along the Willamette River, 1975–2023
4:00 PM - 5:00 PM	Student - Professional Speed Meet <i>Gorge Room</i>		
5:00 PM - 6:00 PM	Break		
6:00 PM - 7:00 PM	Poster Session <i>Gorge Room</i>		
7:00 PM - 10:00 PM	Professional Mixer <i>Gorge Room / Atrium / Trillium Room</i>		

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Thursday February 15 - Detailed Schedule [Moderator] ; *Denotes Student Presenter			
7:00 PM - 8:00 AM	Hosted Breakfast Gorge Room		
7:30 AM - 3:00 PM	Registration Atrium		
	<b>Columbia Room</b>	<b>Trillium Room</b>	<b>Riverview Room</b>
	Climate Adaptation in the Pacific Northwest: building a collaborative network for responding to climate change [Betsy Glenn]	Technology I [Matt Hane]	Ecology and Conservation of Insect Pollinators [Sandy DeBano]
8:00 AM - 8:20 AM	Betsy Glenn	<b>Seth M. Harju:</b> Lasers are for the birds: Using remote sensing to monitor dryland riparian habitats for multiple avian species	<b>Sandra J. DeBano:</b> Bumble bees in interior Pacific Northwest forests: Insights from a decade of research
8:20 AM - 8:40 AM	Leona Svancara	<b>Dr. Damon B. Lesmeister:</b> The second phase of northern spotted owl population monitoring	<b>Jesse Fan Brown*:</b> Reducing overstory in Northwest forests enhances forage for bumble bees without increasing disease prevalence
8:40 AM - 9:00 AM	Lindsey Thurman	<b>Alaina D. Thomas:</b> Passive acoustic monitoring is more efficient than audio-visual surveys for marbled murrelets	<b>Rachel Zitomer*:</b> Species-specific connectivity of intensively managed forest landscapes for foraging bumble bees
9:00 AM - 9:20 AM	Elise Elliott-Smith	<b>Matt Hane:</b> Evaluating Convolutional Neural Network Models Detection of Northern Spotted Owl Vocalizations	<b>Rebecca A. Hayes*:</b> Evaluating forest bee community and gut microbial diversity across a fire severity gradient
9:20 AM - 9:40 AM	Katie Swensen	<b>Andrew R Meyers:</b> A test of camera trapping as a novel method to measure herd composition in black-tailed deer	<b>Dr. J. Christina Mitchell:</b> Pollen limitation increases importance of pollinators for an endangered prairie plant
9:40 AM - 10:00 AM	Panel Discussion	<b>Ashwin N. Datta:</b> Instinct ASU - The world's first automated bioacoustic surveying unit	<b>James W. Rivers:</b> New identification keys for facilitating native bee research in the Pacific Northwest
10:00 AM - 10:40 AM	Break		
	<b>Columbia Room</b>	<b>Trillium Room</b>	<b>Riverview Room</b>
	Minam Panel [Moderator]	Technology I [Matt Hane]	Disease Ecology / Climate Change [Jim Greer]
10:40 AM - 11:00 AM	Bill Richardson	<b>Lauren Gramberg:</b> Using AI-based detection and identification to reveal sooty grouse hooting patterns in western Oregon	<b>Aimee L Massey:</b> Using invertebrates for biodiversity and disease monitoring
11:00 AM - 11:10 AM	Jon Paustian	<b>Owen S. Okuley*:</b> Artificial intelligence training to improve identification of remote camera	<b>Emily H. Dziedzic*:</b> Toward Accurate Quantification of Living Pseudogymnoascus Destructans using RT-qPCR
11:10 AM - 11:20 AM		<b>Salix Scoresby*:</b> Understanding the full-taxa diet of Sierra Nevada red foxes through fecal DNA	
11:20 AM - 11:30 AM	Steve McClelland	<b>I Dax Morfin*:</b> What's eating berries? An observation of berry consumers on the Oregon Dunes	<b>Nina Ferrari*:</b> Microclimatic Buffering of Old Growth Forests
11:30 AM - 11:40 AM		<b>G Marie E Martin:</b> Diet composition and occurrence of a carnivore guild in central Oregon	
11:40 AM - 11:50 AM	Panel Discussion	<b>E Noa Vallance:</b> Fisher and fox: a case study of when and where	<b>Kenen B Goodwin*:</b> Climate change, heat waves, and host-associated microbiomes: Experimental exploration of interacting stressors on the microbiota of larval Pacific treefrogs
11:50 AM - 12:00 PM		<b>Kayla Fratt:</b> Improving target specificity in conservation detection dogs	

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Thursday February 15 - Detailed Schedule [Moderator] ; *Denotes Student Presenter			
12:00 PM - 1:00 PM	Hosted Lunch & Business Meeting Gorge Room		
1:00 PM - 2:00 PM	TWS Update & Q&A Gorge Room		Bat Working Group Mountainview Room
	<b>Columbia Room</b>	<b>Trillium Room</b>	<b>Riverview Room</b>
	<b>Ungulate Research [David Keiter]</b>	<b>Technology II [Jon Cox]</b>	<b>Mammals [Olivia Madigan]</b>
2:00 PM - 2:10 PM	<b>Valerie D. Hinojoza-Rood:</b> Mapping pronghorn seasonal ranges and migration corridors using Brownian bridge movement modeling	<b>Miles Scheuering*:</b> Estimating abundance of yellow rails in Oregon using automated recording units	<b>I G N I T E</b> <b>Ms. Marnet S. Ngosi*:</b> Resource selection and abundance of translocated elephants in Nkhotakota Wildlife Reserve, Malawi.
2:10 PM - 2:20 PM			
2:20 PM - 2:40 PM	<b>Dr. Benjamin Juan Padilla:</b> Bridging traditional and scientific knowledge to understand the role of parasites in caribou health and population trends	<b>Cara Christensen*:</b> Influence of juniper expansion on avian species in aspen stands	<b>Sean Matthews:</b> A hierarchical modelling approach to predict the distribution, density, and habitat relationships of fishers in Washington, Oregon, and California
2:40 PM - 3:00 PM	<b>Darren A. Clark:</b> Elk and mule deer selection of forest vegetation treatments is structured by circadian and seasonal patterns	<b>Evan Olden*:</b> Vertebrate diversity and composition at giant otter ( <i>Pteronura brasiliensis</i> ) latrine sites in the Brazilian Pantanal	<b>Wesley Binder*:</b> Prey and habitat drive interference competition between apex predators
3:00 PM - 3:20 PM	<b>Dave Keiter:</b> Elk migration ecology and space use near Government Camp, Oregon	<b>Cara L Appel*:</b> A computer vision model to classify camera trap images from western Oregon	<b>Chanel Hason:</b> Sea otter reintroduction in Oregon: Getting to yes
3:20 PM - 3:40 PM	<b>Ryan Platte:</b> Influence of wildfire and feral horse use on mule deer summer range occupancy	<b>Natia Javakhshvili*:</b> Assessing occupancy of an elusive forest raptor using passive acoustical monitoring	<b>Kenneth E. Loonam*:</b> Shifting strategies: changes in predator-prey spatial association at reduced prey density
3:40 PM - 4:00 PM	<b>Casey L Brown:</b> Drought effects on bottom-up resources; implications for elk nutrition	<b>Mackenzie McCoy*:</b> Tracking in the treetrops: investigating red tree vole survival and juvenile dispersal in young managed stands using VHF telemetry	<b>Mr. Jefferson M. Jacobs:</b> BeaverHOODs: A conceptual model guiding restoration to address factors limiting beaver management of floodplains on creeks in eastern Oregon
4:00 PM - 4:20 PM	<b>Joel Ruprecht:</b> Variability and correlations among mule deer vital rates and their influence on lambda		
4:20 PM - 5:00 PM	<i>Break</i>		
5:00 PM - 6:00 PM	BLM Meeting Columbia Room		ORTWS Board Meeting Gorge Room
6:00 PM - 7:00 PM	Poster Session & Social Hour Gorge Atrium / Trillium Room		
7:00 PM - 11:00 PM	Banquet / Awards / Raffle Gorge Room		

2024 ORTWS Annual Conference Program

Friday February 16 - Detailed Schedule - Workshops				
	Mount Adams Room	Riverview Room	Columbia Room	Trillium Room
8:00 AM - 9:00 AM				
9:00 AM - 10:00 AM	Wildlife Habitat Improvement Examples; The How, Why, Struggles and Triumphs of Habitat Improvements	Exploring the Bees of the PNW: Survey Methods and Tools for Study	Field and Analytical Methods for Studying Mesocarnivores	Introduction to Wildlife Trapping Session 1
10:00 AM - 11:00 AM				
11:00 AM - 12:00 PM				Introduction to Wildlife Trapping Session 2
12:00 PM - 1:00 PM				
<b>** Advance registration required for ALL workshops **</b>				