

Thursday February 28 Sessions

	Northwest Territory C		Fallen Timbers A&B		Northwest Territory A					
Start time	<u>Mammal Session</u> Moderator <b>Dave Clayton</b>	Title, Presenter	<u>NW PARC Symposium</u> Moderator <b>Katy Weil</b>	Title, Presenter	Offset time schedule	<u>Marine Mammal Symposium</u> Moderator <b>Alex Pavlinovic</b>	Title, Presenter			
8:10		open		open	open					
8:25										
8:40	small mammals	Are Highways Stressful for Pikas? Analysis of Stress Hormones of Ochotona princeps Living Adjacent to Interstate 90 in the Washington Cascade Range McIntyre, Thomas	NW PARC organization and business Forum	NW PARC: An Overview and Top Research and Conservation Priorities from the Northwest Chapter of Partners in Amphibian and Reptile Conservation. Weil, Katy	open					
8:55		Genetic Monitoring of the Columbia Basin Pygmy Rabbit (Brachylagus idahoensis): From Captive Breeding to Wild Populations Nerkowski, S		Open Forum				8:55	Cetaceans	Return of the Giants of the Salish Sea: Increased occurrence of humpback whales into the inside waters of Washington State., John Calambokidis
9:10		Distribution of porcupines in the Pacific Northwest and Evaluation of a Non-invasive Survey Method Appel, Cara						9:15		Changes in abundance and status of the Pacific Coast Feeding Group of gray whales., John Calambokidis
9:25		Activity Patterns and Foraging Behavior of American Pikas (Ochotona princeps) Differs Between Craters of the Moon and Alpine Talus in Idaho Camp, Meghan						9:35		Interannual Variability in the Acoustic Presence of Fin Whales (Balaenoptera physalus) in Relation to Environmental Conditions in the Southern Chukchi Sea., PHD Student Erica Escajeda
9:40		Patterns of Small Mammal Recolonization Following Elwha River Dam Removal. McCaffery, Rebecca						9:55		Harbor Porpoise in Washington's Inland Waters: Research Opportunities and Management Issues in a Recovering Population., Dave Anderson
9:55	break			10:10		Dolphins in Puget Sound, Washington: Observations of Unusual Species in this Region., Laurie Shuster				
10:10	ungulates	Fuel Reduction Logging Influences Forage Resources and Nutrient Intake of Deer in Northeastern Washington Hull, Iver	eDNA in Herpetology	Validating the Use of ddPCR for eDNA Analyses of Amphibian Abundance. , Cousins, Christopher	10:30	break				
10:25		Mountain goat surveys at Mount St. Helens Bergh, Stefanie		Environmental DNA Detection of Amphibians: Lessons Learned in the First Decade, Goldberg, Caren	10:50	Killer Whales	Southern Resident Killer Whales: Present and Future, Katie Jones			
10:40		Moose Population Size and Demography in Northeastern Washington Harris, Richard		Detecting Rare Amphibians in Sierra Nevada Meadows with Backpack eDNA Sampling., Goldberg, Caren	11:10		How to Assess Body Condition in Small Toothed Whales., Dr. Dawn Noren			
10:55	Wildlife Response to Tourism in Glacier Bay National Park, AK, Sytsma, Mira	Casting a Broader Net: Using Multi-target Metagenomics to Capture Aquatic Biodiversity Data from Diverse Taxonomic Targets. , Hauck, Laura	11:30	Killer Whale Necropsies Provide Insight into Relationships Between Killer Whale Body Condition, Health, and Nutritional State., Dr. Dawn Norren						
11:10	<i>Homo sapien</i> influences on NW mammals	Reconnecting Habitats: The Washington State Department of Transportation's Approach to Integrating Habitat Connectivity Principles into the State's Transportation System., Kalisz, Glen		Comparing Multispecies eDNA to Traditional Approaches to Evaluate Species-level Aquatic Biodiversity in a Stream Network. , Penaluna, Brooke	time offset					
11:25		March Mammal Madness: a Story about Science & Social Media., Chestnut, Tara		Development of a Fully-integrated eDNA Sampling System. , Thomas, Austen						
11:40		Wildlife Trafficking in the Pacific Northwest. , Dodds, Jeanne		Optimizing and Evaluating Environmental DNA-based Detection of Batrachochytrium salamandrivorans in Trade and Captive Settings., Yarber, Christian						
11:55	WATWS & SNVB Member Lunches				WATWS & SNVB Member Lunches					
13:00	Carnivores	Broad-Scale Influence of Biotic and Abiotic Drivers to Lynx Occupancy in Washington State Under Current and Future Climatic Conditions, King, Travis	Herpetological Disease	Remote Sensing of Habitat Restoration for the Columbia Spotted Frog., Pilliod, David	13:00	Cetaceans	Large whale entanglements and responses in the Pacific Northwest. , Doug Sandilands			
13:15		Adaptive use of Nonlethal Strategies for Minimizing Wolf-Livestock Conflict, Stone, Suzzane		Evaluating the Susceptibility of Native Amphibians from Pacific States to the Fungal Pathogen Bsal. , Piovia-Scott, Jonah	13:25	New Sampling Methods	Water, Water Everywhere: Can eDNA from Seawater Provide Insight into Population Genetic Structure of Small Cetaceans?, Dr. Kim Parsons			
13:30		Lynx Conservation in Washington: Combatting the Effects of Fire, Climate and a Small, Isolated Population, Lewis, Jeff		Shell Disease in Washington's Western Pond Turtles – A Quantitative Assessment Based on Computed Tomography. , Haman, Katie	13:45		Comparing manned to unmanned aerial surveys for cetacean monitoring in the Arctic: Methods and operational results., Dr. Robyn Angliss			

13:45		The Cascade Fisher Reintroduction Project in WA: Progress in the South Cascades and Launching a New Reintroduction Project in the North Cascades, Lewis, Jeff		Differing Demographic Responses of Toad Populations to Regionally Synchronous and Declining Prevalence of Amphibian Chytrid Fungus., Hossack, Blake	14:05	break	
13:50	break				14:25	New Sampling Methods	Improving Methods For Data Collection Using Unmanned Aerial Surveys Of Marine Mammal Populations In The California Current Ecosystem., Jeff Harris
14:05	NW Bats	Collaborative Monitoring to Assess Declines in Northwestern Bat Populations via Bat Grid and NABat Monitoring Programs., Rodriguez, Roger	Western Pond Turtle Mini-Symposium w/ Bruce Bury	Longevity of the Western Pond Turtle ( <i>Actinemys marmorata</i> ) Based on Studies over 50 Years. , Bury, Bruce	14:45	Marine Mustelids	Sea otter genetics update: Diversity, population structure and taxonomy., Dr. Shawn Larson
14:20		White-Nose Syndrome Surveillance: Assessing the Influence of DNA Concentration on Detection Probability from Bat Guano Samples, Urbina, Jenny		It's Turtles All the Way Down: Perspectives for the Western Pond Turtle ( <i>Actinemys marmorata</i> ) as a Long-lived Species in a Rapidly Changing Environment., Ashton, Don	15:00		Influence of Occupation History and Habitat on Washington Sea Otter Diet., PHD Student Jessica Hale
14:35		The U.S. National Response to White-nose Syndrome in 2019, Froschauer, Ann		Twin Lakes Turtles: A Single Lake Study (2010-2018)., Bettaso Jamie	15:25	Pinnipeds	Return of the Guadalupe Fur Seal and Unusual Sightings of Artic Seals in the Pacific Northwest , Dyanna Lambourn
14:50		Implementation of bat monitoring and white-nose syndrome surveillance in the North Coast Cascades Network in response to disease detection in western Washington. Chestnut, Tara		Western Pond Turtles ( <i>Actinemys marmorata</i> ): Clutch Sizes, Double Clutching, and Nesting Season in Washington. , Bury, Bruce	15:45		Steller Sea Lions: Why Did They Decline in Alaska and Increase in the Pacific Northwest?, Dr. Andrew W. Trites
15:05		Presence of Little Brown Myotis ( <i>Myotis lucifugus</i> ) Positively Associated with Trees and Negatively Associated with Artificial Light Within Waterfront Sites in Metro Vancouver, Claire, C. Toby		Western Pond Turtles ( <i>Actinemys marmorata</i> ) at a Recreation Area in the Mid-Willamette Valley, Oregon: Life History, Algae Infestation and Conservation Status. , Bury, Gwen	16:05		Pinniped monitoring program at Bonneville Dam: a review of the last 15 years and update on recent advancements., Dr. Kyle Tidwell
15:20	break				16:25	Satellite Tag Tracking of Male California Sea lions in the Pacific Northwest to Assess Haul-out and Foraging Behavior in Navy Testing and Training Areas., Steven Jeffries	
15:40	Bat Acoustics mini-Workshop	Bat Acoustic Workshop , Rodriguez, Roger- 20 max attendees	open	open	16:45	New Sampling Methods	It's not What You Think - Collecting DNA from the Spout of a Whale with a 'SnotBot' Drone, Dr. Scott Baker
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17:00							