

**Wednesday Evening, March 28**  
**Poster Session and Social 4:00- 6:15 pm**  
**Location: Purce Hall Classrooms 5 and 7**

(Presenting author shown— see Abstract section for co-authors and complete abstract)

Adrienne Akmajian	MASS MORTALITY EVENT OF PURPLE OLIVE SNAILS ( <u>OLIVELLA BIPLICATA</u> ) IN NEAH BAY, WASHINGTON
Adrienne Akmajian	YEAR-ROUND ALGAL TOXIN EXPOSURE IN FREE-RANGING SEA LIONS
Ryan Balcom	BASIDIOMYCETE YEASTS IN THE THALLI OF PACIFIC NORTHWEST LICHENS OF THE LOBARIACEAE.
Yianna Bekris	EFFECTS OF VARIABLE DENSITY THINNING ON NON-NATIVE PLANT SPECIES IN THE OLYMPIC HABITAT DEVELOPMENT STUDY
Miles Berkey	TWO SEASONS OF BRYOPHYTE SURVEYS
Veronica Biesianda	DEFORMATION ACROSS THE HURRICANE RIDGE FAULT IN THE SOUTHEASTERN OLYMPIC PENINSULA
W. Dillon Blankenship	EXAMINING IN VITRO MOSS GROWTH IN TACKIFIERS FOR POTENTIAL USE IN RANGELAND RESTORATION AND REHABILITATION.
Steven Borrego	LONG DISTANCE DISPERSAL OF A WOLF FROM NORTHEASTERN WASHINGTON INTO THE GREATER YELLOWSTONE ECOSYSTEM
Hope Braithwaite	ODONATA OF THE CASCADE-SISKIYOU NATIONAL MONUMENT: INVENTORY, SPATIAL DISTRIBUTION AND RELATIVE ABUNDANCE WITHIN DIVERSE HABITATS
Leslie Brodie	HOW DOES CLIMATE INFLUENCE RANGES OF BERRY- AND NUT PRODUCING NATIVE NORTHWESTERN SHRUBS?
J.D. Brooks	CAMOUFLAGE AND SEXUAL DICHROMATISM IN THE NORTHERN PACIFIC RATTLESNAKE ( <u>CROTALUS OREGANUS</u> )
Emily Lindstrum Carson	USING DENDROCHRONOLOGY AND RADIOCARBON DATING TO INVESTIGATE A SUBFOSSIL FOREST IN PUGET LOWLAND AND SOUTHEAST OLYMPIC MOUNTAINS
Kara Caselas	EVALUATING STAND RELEASE EFFECTIVENESS WITHIN OREGON WHITE OAK COMMUNITIES AND IMPACTS TO FUEL LOADS
Joe Di Meglio	FOUR UNIQUE GENOTYPES WITHIN <u>STICTA FULIGINOSA</u> SPECIES COMPLEX OF THE PACIFIC NORTHWEST
Leila Duchac	CAN PASSIVE ACOUSTIC MONITORING DETECT AND IDENTIFY VOCALIZATION PATTERNS IN TWO CONGENERIC FOREST OWLS IN THE PACIFIC NORTHWEST?

Alex Foster	INFRASTRUCTURE MANAGEMENT AND CLIMATE CHANGE ON THE OLYMPIC NATIONAL FOREST; ADAPTATION STRATEGIES FOR ROAD MANAGEMENT
Sarah Francis	QUANTIFYING THE MAGNITUDE AND SPATIAL VARIABILITY OF BEDROCK EROSION BENEATH THE SISTERS GLACIER, WASHINGTON, USING COSMOGENIC <sup>3</sup> HE CONCENTRATIONS
Dan Gavin	AN ATLAS OF THE OLYMPIC PENINSULA: TRANSLATING SCIENCE
Jade Gjerde	GLORIA LICHEN ASSESSMENT ON THE BEARTOOTH PLATEAU IN PARK COUNTY, WYOMING
Tabitha A. Graves	DEVELOPING A VULNERABILITY ASSESSMENT FOR HUCKLEBERRIES.
Ciarra Greene	UTILIZING SCIENCE TO ENSURE SAFE ACCESS TO CULTURAL RESOURCES ON PUBLIC LANDS: THE PORTLAND NATIVE AMERICAN COMMUNITY AND TRADITIONAL GATHERING OF CAMAS
Nathan Harrison	GOOGLE EARTH SATELLITE IMAGES PROVIDE NOVEL METHOD FOR EXAMINING FEEDING AREAS OF GRAY WHALES IN PUGET SOUND, WASHINGTON
Irene Hinkle	LICHENS FOR DYE
Jessica Hudec	A STRATEGIC APPROACH TO HUCKLEBERRY MANAGEMENT ON GIFFORD PINCHOT NATIONAL FOREST.
Emma Huston	EFFECTS OF VARIABLE DENSITY THINNING ON SPATIAL PATTERNS OF OVERSTORY TREES IN MT. HOOD NATIONAL FOREST
Araya Jensen	UNIQUE INSIGHTS INTO ARBOREAL RODENT BEHAVIOR AND SPECIES INTERACTIONS USING REMOTE CAMERAS AT ARTIFICIAL NESTS
Maya Kahn-Abrams	FOREST FLOOR MOSSES HOST NITROGEN FIXING CYANOBACTERIA IN TEMPERATE RAINFORESTS OF WESTERN WASHINGTON
Maya Kahn-Abrams	CORDYCEPIN CONTENT IN COMMERCIAL MYCELIUM AND FRUITING BODY SUPPLEMENTS OF THE MEDICINAL FUNGI <u>CORDYCEPS MILITARIS</u>
Rick Kelsey	A REVIEW OF BIOACTIVE COMPOUNDS IN YELLOW-CEDAR THAT PROTECT THE TREES AND POSSIBLY HUMAN HEALTH
Stacia Krause Ledbetter	SUMMER UNDERGRADUATE RESEARCH FELLOWSHIPS: ECOPHYSIOLOGY OF CTENOPHORES
Beverly Luke	ARE SUB-FOSSIL FORESTS IN AUBURN AND FIFE, WASHINGTON VICTIMS OF THE SAME EXPLOSIVE ERUPTION AT MOUNT RAINIER? TESTING THE HYPOTHESIS WITH RADIOCARBON DATING AND TREE-RING ANALYSIS
Linsay Millward	SMALL MAMMAL MICROHABITAT USE AND SPECIES COMPOSITION OF A WILDLIFE CROSSING STRUCTURE COMPARED WITH NEARBY FOREST
Ariel Quinn Moran	RADIOCARBON DATING AND DENDROCHRONOLOGY INVESTIGATION OF A ~530CE SUBFOSSIL FOREST AT KENT, WASHINGTON

Christina Muller-Shinn	INTER-SEASONAL AND INTERANNUAL SHIFTS OF PACIFIC WREN TERRITORIES.
Suphasiri Muttamara	GEOGRAPHIC VARIATION IN VOCALIZATIONS OF AMERICAN PIKAS ( <u>OCHOTONA PRINCEPS</u> ) IN SOUTHWESTERN OREGON AND NORTHERN CALIFORNIA.
Erika Petzinger	IDENTIFICATION OF A DARK SEPTATE FUNGUS THAT FORMS A SYMBIOTIC ASSOCIATION WITH <u>ARTEMESIA TRIDENDATA</u>
Miranda Plumb	PACIFIC LAMPREY IN PUGET SOUND AND WASHINGTON COAST STREAMS
Anchal Rikhi	TREE SPECIES DIVERSITY EFFECTS ON PRODUCTIVITY IN A NORTHWEST FOREST
Shayna Rossiter	SEASONAL AND SPATIAL VARIATION OF SOIL RESPIRATION IN A PACIFIC NORTHWEST SECOND-GROWTH FOREST
Steve Shen	RARE EARTH ELEMENTS AS A GEOGRAPHICAL TRACER IN THE COLUMBIA RIVER BASIN VIA MULTICollector INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY.
Hamish Stevenson	DIET ANALYSIS OF RAINBOW TROUT FROM SPIRIT LAKE, MOUNT ST. HELENS: AN INDICATOR OF NEW ZEALAND MUD SNAIL INVASION IN A POST-ERUPTION ENVIRONMENT
Anthony M. Waldrop	MONITORING RESTORATION OF COASTAL TEMPERATE RAINFOREST – METHODS AND FIVE YEAR RESULTS.
Doug Westlind	VARIABLES ASSOCIATED WITH POST-FIRE ATTACK BY RED TURPENTINE AND WESTERN PINE BEETLE ON PONDEROSA PINE IN THE PACIFIC NORTHWEST
Telissa Wilson	AN INTERDISCIPLINARY APPROACH TO UNDERSTANDING EVOLUTIONARY PHYSIOLOGY IN CTENOPHORA
William Wiskes	HOME RANGE AND TERRITORY USE IN THE PACIFIC WREN ( <u>TROGLODYTES PACIFICUS</u> ).
Emily Wolf	VARIATION IN FOLIAR FUNGAL ENDOPHYTE COMMUNITIES OF <u>ALNUS RUBRA</u> ACROSS A METROPOLITAN AREA
Michael Zirpoli and Heidi Steinbach (co-presenters)	THE EFFECTS OF REINDEER LICHEN ( <u>CLADONIA SPP.</u> ) AQUEOUS EXTRACTS ON PRAIRIE PLANT SEED GERMINATION AND SEEDLING GROWTH