



Willamette Valley Bird Symposium

Presented by Oregon State University and the
American Ornithologists' Union



AGENDA

24 January 2015

Linus Pauling Science Center, Oregon State University

- 9:00-9:15 Introduction to the symposium**
Welcome to the WVBS: Jim Rivers, Department of Forest Ecosystems and Society, OSU
Welcome from the AOU: Susan Haig, recent President of AOU; USGS and OSU
Welcome from OSU: Brenda McComb, Dean of the Graduate School, OSU
- 9:15-10:15 Keynote lecture: A 30-year study of Spotted Owls in the old growth forests of western Oregon.** Dr. Eric Forsman, U.S Forest Service, Pacific Northwest Research Station, Corvallis, OR. Introduction by Sean Murphy, USGS Forest and Rangeland Ecosystem Science Center.
- 10:15-10:50 Coffee break and live bird display from Chintimini Wildlife Center (*Linus Pauling Science Center lobby*).**
- 10:50-11:40 ORAL PRESENTATIONS, morning session (*Linus Pauling Science Center, room 125*)**
- **10:50 - You are what you eat: mercury in Willamette Valley riparian songbirds.** ALLYSON JACKSON*, *Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR*, and COLLIN EAGLES-SMITH, *USGS, Forest and Rangeland Ecosystem Science Center, Corvallis, OR*.
 - **11:00 - Interactions between Pacific mistletoe, Oregon white oak, and songbirds in the Willamette Valley.** KYLE PRITCHARD*, *Department of Forest Ecosystems and Society, Oregon State University, Corvallis, OR*, DAVID SHAW, *Department of Forest Engineering, Resources and Management, Oregon State University, Corvallis, OR*, and JOAN HAGAR, *USGS, Forest and Rangeland Ecosystem Science Center, Corvallis, OR*.
 - **11:10 - Effects of management on Snowy Plover survival and population growth in Oregon.** ELEANOR P. GAINES*, *Institute for Natural Resources, Portland State University, Portland, OR*, STEPHEN J. DINSMORE, *Department of Natural Resource Ecology and Management, Iowa State University, Ames, IA*, and MICHAEL T. MURPHY, *Department of Biology, Portland State University, Portland, OR*.
 - **11:20 - Something smells fishy: provisioning and chick growth in the Adélie Penguin.** SCOTT JENNINGS*, *Oregon Cooperative Fish and Wildlife Research Unit, Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR*, KATIE M. DUGGER, *USGS, Oregon Cooperative Fish and Wildlife Research Unit, Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR*, GRANT BALLARD, *Point Blue Conservation Science, Petaluma, CA*, and DAVID G. AINLEY, *H.T. Harvey and Associates, Los Gatos, CA*.

- **11:30 - Exploring the relationships between primary cavity excavators, secondary cavity nesters, and fire in the Deschutes National Forest.** TERESA WICKS*, *Department of Forest Ecosystems and Society, Oregon State University, Corvallis, OR*, JOAN HAGAR, *USGS, Forest and Rangeland Ecosystem Science Center, Corvallis, OR*, and JOHN BAILEY, *Department of Forest Engineering, Resources and Management, Oregon State University, Corvallis, OR*.

11:40-12:10 Careers in Ornithology Panel Discussion (Linus Pauling Science Center, room 125):

Careers in Ornithology Panel Discussion

POSITION	EMPLOYER	TYPE	EDUCATION LEVEL	SPOKESPERSON	WEBSITE
Field technician	Oregon State Univ.	State	B.S./M.S.	Pete Loschl	fw.oregonstate.edu
Refuge biologist	U.S. Fish & Wildlife Service	Federal	B.S/M.S.	Molly Monroe	fws.gov/refuge/
State biologist	Oregon Dept. of Fish & Wildlife	State	B.S/M.S./Ph.D.	Brandon Reishus	dfw.state.or.us/
Wildlife Biologist	Oregon Wildlife Institute	Private	B.S/M.S./Ph.D.	Dave Vesely	oregonwildlife.org/
Zoo biologist	Oregon Zoo	City	B.S/M.S./Ph.D.	Dr. David Shepherdson	oregonzoo.org/
USGS scientist	US Geological Survey	Federal	B.S/M.S./Ph.D.	Dr. Dan Roby	coopunits.org/Oregon /; USGS.gov
University professor	Oregon State Univ.	State	Ph.D	Dr. Bruce Dugger	fw.oregonstate.edu/

Where to look for jobs and graduate school opportunities...

Federal jobs	Federal jobs	www.usajobs.gov
Ornithology Exchange	Ornithological jobs	www.ornithologyexchange.org
Texas A&M University	Wildlife Jobs	http://wfscjobs.tamu.edu/job-board/
State job application site	Wildlife jobs	http://www.oregon.gov/employ/pages/default.aspx

12:10-13:00 Lunch, networking with professional ornithologists, live bird display from Chintimini Wildlife Center (Linus Pauling Science Center lobby)

13:00-14:00 Avian research techniques and poster presentations (Linus Pauling Science Center lobby).

POSTERS:

- 1. What affects Snowy Plover nest survival? ELEANOR P. GAINES, Institute for Natural Resources, Portland State University, Portland, OR, STEPHEN J. DINSMORE, Department of Natural Resource Ecology and Management, Iowa State University, Ames, IA, and MICHAEL T. MURPHY, Department of Biology, Portland State University, Portland, OR.**

2. **Unfeathering mercury exposure in songbirds: are feathers really informative indicator tissues?** COLLEEN EMERY, College of Forestry, Oregon State University, Corvallis, OR, ALLYSON JACKSON, ALLYSON JACKSON, Department of Fisheries & Wildlife, Oregon State University, Corvallis OR, and COLLIN EAGLES-SMITH, USGS, Forest and Rangeland Ecosystem Science Center, Corvallis, OR.
3. **It pays to have a good data plan – monitoring seabird colonies using solar powered camera systems with remote data access and real-time video streaming.** TIMOTHY J. LAWES, DANIEL D. ROBY, DANIEL S. BATTAGLIA, USGS, Oregon Cooperative Fish and Wildlife Research Unit, Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR, and MIKE HAWBECKER, Real Time Research, Inc., Bend, OR.
4. **Site fidelity and inter-colony movements of known-age Caspian Terns.** OLIVIA A. BAILEY, YASUKO SUZUKI, Oregon Cooperative Fish and Wildlife Research Unit, Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR, DANIEL D. ROBY, USGS, Oregon Cooperative Fish and Wildlife Research Unit, Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR, DONALD E. LYONS, PETER J. LOSCHL, TIMOTHY J. LAWES, and KIRSTEN S. BIXLER, Oregon Cooperative Fish and Wildlife Research Unit, Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR.
5. **Seaward extensions of terrestrial Important Bird Areas on the French administered territories in the western Indian Ocean.** PETER J. KAPPES, MATTHIEU LE CORRE, ECOMAR, Université de La Réunion, Avenue René Cassin, 97490 Sainte Clotilde, Réunion, BEN LASCELLES, Global Seabird Programme, Royal Society for the Protection of Birds, Bedfordshire, United Kingdom, and ROSS M. WANLESS, Birdlife South Africa Seabird Division, Cape Town, South Africa.
6. **Mapping physical characteristics of the Columbia River mouth using diving seabirds fitted with archival GPS and sensor tags.** DONALD E. LYONS, ADAM-PECK RICHARDSON, Oregon Cooperative Fish and Wildlife Research Unit, Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR, DANIEL D. ROBY, USGS, Oregon Cooperative Fish and Wildlife Research Unit, Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR, and JAMES LERCZAK, College of Earth, Ocean, and Atmospheric Sciences, Oregon State University, Corvallis, OR.
7. **Top-down influences of Bald Eagles on the Common Murre population in Oregon.** *CHERYL A. HORTON, ROBERT M. SURYAN, Department of Fisheries and Wildlife, Oregon State University, Hatfield Marine Science Center, Newport, OR, and KATIE DUGGER, USGS, Oregon Cooperative Wildlife Research Unit, Department of Fisheries and Wildlife, Corvallis, OR.*
8. **Evidence of resource partitioning in sympatric tropical boobies.** MICHELLE A. KAPPES, Laboratoire d'Écologie Marine, Université de la Réunion, Île de la Réunion, France, HENRI WEIMERSKIRKCH, DAVID PINAUD, Centre d'Études Biologiques de Chizé, Centre National de la Recherche Scientifique, 79360 Villiers en Bois, France, and MATTHIEU LE CORREA, Laboratoire d'Écologie Marine, Université de la Réunion, Île de la Réunion, France.
9. **The Migratory Connectivity Project - Advancing the science of global animal movements and connectivity by promoting the research and conservation of species throughout the annual**

cycle. PETER P. MARRA, Smithsonian Migratory Bird Center, Washington, D.C. and SUSAN M. HAIG, USGS, Forest and Rangeland Ecosystem Science Center, Corvallis, OR.

10. **Is brush for the birds?** JOAN C. HAGAR, USGS, Forest and Rangeland Ecosystem Science Center, Corvallis, OR.

11. **Microclimate driven by complex terrain predicts within-season movement by a migrant songbird.** SARAH J. K. FREY, MATTHEW G. BETTS, and ADAM S. HADLEY, Department of Forest Ecosystems and Society, Oregon State University, Corvallis, OR.

12. **Distribution and genetic status of the Jabiru Stork in the Brazilian Pantanal.** IARA F. LOPES, SYLVIA DEL LAMA, Universidade de Federale de Sao Carlos, Sao Paulo, Brazil, and SUSAN M. HAIG, USGS, Forest and Rangeland Ecosystem Science Center, Corvallis, OR.

14:00-15:50 ORAL PRESENTATIONS, afternoon session (*Linus Pauling Science Center, room 125*)

- **14:00 - Cognition and social behavior of *Aphelocoma* jays.** KELSEY MCCUNE*. *Department of Psychology, University of Washington, Seattle, WA.*
- **14:10 - Habitat use and area requirements of woodpeckers in an urban-fragmented landscape.** ADAM BAZ*, *Portland Bureau of Environmental Services and Department of Biology, Portland State University, Portland, OR,* and MICHAEL T. MURPHY, *Department of Biology, Portland State University, Portland, OR.*
- **14:20 - Similar species, similar responses? Assessing potential differences in the stress response between sympatric *Tachycineta* swallows.** BRAELEI HARDT*, *Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR,* DANIEL R. ARDIA, *Department of Biology, Franklin and Marshall College, Lancaster, PA,* MEREDITH J. BASHAW, *Department of Psychology, Franklin and Marshall College, Lancaster, PA,* and JAMES W. RIVERS, *Department of Forest Ecosystems and Society, Oregon State University, Corvallis, OR.*
- **14:30 - Forecasting changes in the population genetic structure of Pfrimer's Parakeet (*Pyrhura pfrimeri*) as a result of deforestation.** KAREN DE BOER*, MARK P. MILLER, *USGS, Forest and Rangeland Ecosystem Science Center, Corvallis, OR,* NATHAN SCHUMAKER, *Environmental Protection Agency, Corvallis OR,* CARLOS A. BIANCHI, *Universidade Federale de Goais, Goiânia, Goias, Brazil,* and SUSAN M. HAIG, *USGS, Forest and Rangeland Ecosystem Science Center, Corvallis, OR.*
- **14:40 - The role of social information in avian habitat selection.** JONATHAN VALENTE*, MATTHEW G. BETTS, *Department of Forest Ecosystems and Society, Oregon State University, Corvallis, OR,* and RICHARD A. FISCHER, *U.S. Army Engineer Research and Development Center, Vicksburg, MS.*
- **14:50 - Sex, ice, and the Adélie Penguin.** PETER J. KAPPES*, *Department of Fisheries and Wildlife, Oregon Cooperative Fish and Wildlife Research Unit, USGS, Oregon State University, Corvallis, OR,* DAVID G. AINLEY, *H.T. Harvey and Associates, Los Gatos, CA,* GRANT BALLARD, *Point Blue Conservation Science, Petaluma, CA,* PHIL O'B. LYVER, *Landcare Research, Lincoln, New Zealand,*

and KATIE M. DUGGER, *USGS, Oregon Cooperative Fish and Wildlife Research Unit, Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR.*

- **15:00 - Effects of intensive forest management on air temperature and reproductive success in a cavity-nesting songbird.** KRISTIN JONES*, JAMES W. RIVERS, and MATTHEW G. BETTS, *Department of Forest Ecosystems and Society, Oregon State University, Corvallis, OR.*
- **15:10 - Does it work? Evaluating the effectiveness of backyard wildlife habitats.** ANDREW GIBBS*, *Department of Biology, Portland State University, Portland, OR.*
- **15:20 - Patterns of change over 23 years in the marine bird community of Prince William Sound, Alaska.** DANIEL A. CUSHING*, *Oregon Cooperative Fish and Wildlife Research Unit, Oregon State University, Corvallis, OR,* DANIEL D. ROBY, *USGS, Oregon Cooperative Fish and Wildlife Research Unit, Oregon State University, Corvallis, OR,* and DAVID B. IRONS, *U.S. Fish and Wildlife Service, Migratory Bird Management, Anchorage, AK.*
- **15:30 - The Oregon2020 Project: citizen science for a benchmark survey of Oregon's birds.** JENNA A. CURTIS*, W. DOUGLAS ROBINSON, and TYLER A. HALLMAN, *Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR.*
- **15:40 - Avian Knowledge Northwest: A community of researchers, citizen scientists, and land managers for bird conservation.** JOHN ALEXANDER, JAIME STEPHENS, and KATE HALSTEAD*, *Klamath Bird Observatory, Ashland, OR.*

15:50-16:00 Closing remarks and adjournment

Sean Murphy, *USGS, Forest and Rangeland Ecosystem Science Center, Corvallis, OR*

**A SPECIAL THANKS TO OUR SPONSORS AND
THE MANY VOLUNTEERS WHO MADE THIS SYMPOSIUM POSSIBLE!**



See you next year!