
Jherime L. Kellermann

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EDUCATION

PhDc. (Planned completion: July 2012) Wildlife & Fisheries Sciences. University of Arizona, Tucson, AZ.

MS. 2007. Natural Resources: Wildlife. Humboldt State University, Arcata, CA.

BA. 1998. Multiple Major Program - Anthropology and Psychology. Pennsylvania State University, University Park, PA.

PUBLICATIONS

In preparation

Cortés Montaña, C., **J.L. Kellermann**, P. Fule, and D.A. Falk. *In prep.* Assessing Thick-billed Parrot (*Rhynchopsitta pachyrhyncha*: Psittacidae) old-growth forest habitat in northwestern México

In review

Kellermann, J.L. and C. van Riper III. *In review.* Phenological synchrony and seasonal niche breadth of migratory birds in southwest North America. *Ecology*

In publication

Johnson, M. D., **J. L., Kellermann** and A. M. Stercho. 2010. Pest reduction services by birds in shade and sun coffee in Jamaica. *Animal Conservation*. 13: 140-147.

Johnson, M. D., N. J. Levy, **J. L. Kellermann**, and D. E. Robinson. 2009. Effects of shade and bird exclusion on arthropods and leaf damage on coffee farms in Jamaica's Blue Mountains. *Agroforestry Systems* 76: 139-148.

Kellermann, J. L., M.D. Johnson, A.M. Stercho, & S. Hackett. 2008. Ecological and economic services of birds on Jamaican Blue mountain coffee farms. *Conservation Biology* 22: 177-1185.

Kellermann, J.L. & M.D. Johnson. 2006. Coffee-Friendly Birds: Can birds reduce pests in coffee? *Biocontrol News & Information* 27: 53N.

Tweed, E.J., J.T. Foster, B.L. Woodworth, W.B. Monahan, **J. L. Kellermann**, and A. Lieberman. 2006. Breeding biology and success of a reintroduced population of the Critically endangered Puaiohi. *Auk* 123: 753-763.

Tweed, E.J., J.T. Foster, B.L. Woodworth, P. Oesterle, C. Kuehler, A. Lieberman, T.A. Powers, K. Whitaker, W.B. Monahan, **J.L. Kellermann**, and T. Telfer. 2003.

Survival, dispersal, and home-range establishment of reintroduced captive-bred Puaihoi, *Myadestes palmeri*. *Biological Conservation* 111: 1-9.

CONFERENCE PROCEEDINGS

Kellermann, J.L., D. Falk, & C. van Riper III. 2011. Migratory stopover habitat and landscape fire mosaics in Arizona's Madrean Archipelago. 36th Annual Conference of Western Field Ornithologists, Sierra Vista, AZ, USA.

Kellermann, J.L. & C. van Riper III. 2010. (Invited) Spring migration phenology and plasticity of habitat use by Neotropical migratory birds across an elevational gradient within the Madrean Archipelago, Arizona, USA 25th International Ornithological Congress, Campos do Jordao, Brazil.

Johnson, M.D., B. Campos, **J. Kellermann**, S. Railsback, & V. Jirinec. 2010. Pest control services in coffee farms as a tool for bird and habitat conservation. 25th International Ornithological Congress, Campos do Jordao, Brazil.

Kellermann, J.L. & C. van Riper III. 2010. Temporal and spatial patterns of spring migration and plant phenology across large elevational gradients in the arid southwestern United States. COS/AOU/SCO 2010 Joint Meeting, San Diego, CA.

Johnson, M.D., Campos, B.R., Jirinec, V., **Kellermann, J.L.**, & Railsback, S.F. 2010. Spatial ecology of ecosystem services provided by birds. COS/AOU/SCO 2010 Joint Meeting, San Diego, CA.

Kellermann, J.L. & M.D. Johnson. 2009. Avian Diversity across tropical agroecosystems of Jamaica. 79th Meeting of Cooper Ornithological Society. Tucson, AZ.

Kellermann, J. L., M.D. Johnson, A.M. Stercho, S. Hackett, & D. W. Robinson. 2008. Pest Control as an incentive for Bird Conservation in coffee Plantations. 4th International Partners in Flight Conference, McAllen, TX.

Kellermann, J. L. 2008. Potential effects of late season hunting on Aleutian Cackling Goose Distribution around Humboldt Bay. Humboldt Bay Symposium, Eureka, CA.

Kellermann, J.L., M.D. Johnson, & A.M. Stercho. 2007. Ecological services of birds on Jamaican coffee farms: An economic incentive for habitat conservation. Western Section of the Wildlife Society, Annual Conference, Monterrey, CA, USA.

Kellermann, J.L., M.D. Johnson, & A.M. Stercho. 2006. Neotropical insectivorous birds as pest control of the coffee berry-borer *Hypothenemus hampei* on Jamaican Blue Mountain coffee farms. IV North American Ornithological Conference, Veracruz, Mexico.

M.D. Johnson, **Kellermann, J.L.**, A.M. Stercho, R. Fowler, & D. Robinson. 2006. Can shade trees and birds help Jamaican coffee farmers with insect pests? 20th Annual meeting Society for Conservation Biology, San Jose, CA, USA.

Monahan W., **J. L. Kellermann**, E. J. Tweed, & B. L. Woodworth. 2003. Habitat shortage vs. life history feature incompatibility: Quantitative assessment of factors limiting numbers of a critically endangered Hawaiian solitaire. 5th Annual Bay Area Conservation Biology Symposium, Berkeley CA, USA .

Monahan W.B., **J. L. Kellermann**, E. J. Tweed, & B. L. Woodworth. 2002. Population consequences of life history features in an endemic and critically endangered Hawaiian Solitaire. 23rd International Ornithological Congress, Beijing, China. Plenary/Special Symposia Abstracts, p301.

Tweed, E.J., W.B. Monahan, J. Foster, **J.L. Kellermann**, & B.L. Woodworth. 2001. Behavior of a reintroduced population of captive-bred critically endangered Puaiohi. Society for Conservation Biology Conference, Hilo, HI.

GRANTS & AWARDS

2011 National Geographic, BioBlitz – Graduate student support (\$2,000)
 2010 NPS & Desert Southwest Cooperative Ecosystems Study Unit, AZ (\$15,000)
 2010 University of Arizona, Graduate and Professional Student Council Travel Grant (\$500)
 2010 International Ornithological Congress Travel Grant (\$500)
 2010 Grants for Conservation Biology Research, T&E Inc., NM (\$2,000)
 2009 NPS & Desert Southwest Cooperative Ecosystems Study Unit, AZ (\$15,000)
 2007 James Koplin Award, Humboldt State University, CA (honorary)
 2006 Conservation Trust, National Geographic Society, Co-recipient. (\$22,000)
 2005 Frank M. Chapman Award, American Museum of Natural History, NY (\$2,000)
 2005 Mewaldt-King Award, Cooper Ornithological Society, KS (\$1,000)
 2001 Dan Moriarty Award, Kilauea National Wildlife Refuge, HI (\$2,000)

TEACHING EXPERIENCE

University of Arizona, Tucson, AZ

Teaching Associate - Dept. of Ecology & Evolutionary Biology: 08/17/09 – 01/12/12

Lead-Teaching Associate – Intro Ecology (ECOL302): 08/15/11 – 01/12/12

Humboldt State University, Arcata, CA

Graduate Teaching Assistant – Wildlife Department: 08/19/06 - 05/10/07

Guest Lectures (University – Course #) – Semester Year – Lead Professor

Conservation Biology (UA – ECOL406) - Fall 2010 & 2011 – Dr. Kevin Bonine

Fire Ecology (UA – RNR438) - Fall 2010 & 2011 – Dr. Don Falk

Ecology (UA – ECOL302) - Fall 2011 – Dr. Mitch Pavao-Zuckerman

Ornithology (UA – ECOL484) - Fall 2011 – Dr. René Duckworth

Courses/Labs taught (University – course #)

Ornithology Lab (HSU – WLDF365)

Wildlife research techniques Lab (HSU – WLDF311)

Ecology Lab (UA – ECOL302)

Intro. Ecology and Evolutionary Biology Lab (UA – ECOL182L)

RESEARCH EXPERIENCE

USA National Phenology Network, Tucson, AZ

Technical Research Associate: 01/11/2012 – 08/01/2012

University of Arizona, Tucson, AZ

Research Associate: School of Natural Resources & Environment: 08/13/08 – 06/11/11

Klamath Bird Observatory, Ashland, OR

Biological Contractor – Various avian research projects: 05/19/04 – 07/03/08

Redwood Sciences Laboratory, Pacific Southwest Research Station, Arcata, CA

Crew Leader / primary bander - Aquatic Bird Count Project: 05/13/02 - 07/13/04

USGS-Biological Resources Division, Pacific Islands Ecosystem Research Center, HI

Assistant Project Coordinator - Puaiohi Recovery Project: 01/01/01 - 08/01/01

ADDITIONAL RESEARCH EXPERIENCE

Bureau of Reclamation, lower Colorado River, AZ and CA

Biological Technician - Riparian bird monitoring: 05/07/07 - 08/07/07

North Carolina State University, Abaco, Bahamas

Biological Technician - Bahama Parrot Project: 09/23/03 - 11/07/03

Institute for Wildlife Studies, San Clemente Island, CA

Biological Technician - San Clemente Sage Sparrow Project: 02/28/02 - 04/07/02

US Forest Service, Gila National Forest, Silver City, NM

Biological Technician - Mexican Spotted Owl monitoring: 03/06/00 - 08/15/00

Ferry Beach Ecology School, Saco, ME

Staff Naturalist – residential 5th - 8th grade programs: 09/06/00 - 11/15/00

Institute for Bird Populations, Fremont National Forest, OR

Primary bander - MAPS station: 05/01/99 - 08/15/99

USGS-BRD, Pacific Islands Ecosystem Research Center, Kauai, HI
Biological Technician - Puaiohi Recovery Project: 01/12/99 - 04/15/99

The Peregrine Fund, Keauhou Bird Conservation Center, Volcano, HI
Aviculture Intern: 07/12/98 - 10/15/98

Fundación Jatún Satcha, Bilsa Biosphere Reserve, Ecuador
Botanical Research and Reforestation Volunteer: 06/15/96 - 08/05/96
Specimen list: <http://www.mobot.org/MOBOT/research/ecuador/pacific/checklist.shtml>

SERVICE

Symposium organizer – 2012 North American Ornithological Conference, Vancouver, BC
Symposium Title: Tracking migratory stopover phenology: Climate change and the phenological synchrony of North American bird migration with seasonal resources

Hiring committee, Phenoclimatologist faculty position – Graduate student representative
School of Natural Resources, University of Arizona: Fall 2010

SPECIAL TRAINING

Field Course: Tropical Ecology of Borneo, Malaysia and the South China Sea – August, 2001
Instructor: Dr. Mike Monahan, University of Denver, Denver, CO

Webinar course: unmarked: An R package for fitting hierarchical models of species abundance and occurrence – 01/25-26/2012
Instructors: Andy Royle & Richard Chandler

SOCIETY MEMBERSHIPS

American Association for the Advancement of Science
American Ornithologists Union
Cooper Ornithological Society
Society for Conservation Biology