

Ryan Loring Lynch

Curriculum Vitae

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SUMMARY

Year and place of Birth: 1981; Palo Alto, California
Residence: United States & Ecuador
Education: M.S. Interdisciplinary Ecology – Wildlife Ecology
Research Interests: I am interested in biogeography and the relationship between anthropogenic habitat alterations and species distributions, with special focus on herpetofauna. These interests also play an integral role in my pursuit of large-scale habitat and species conservation projects. Additional topics that pique my interest include: plant-animal interactions, ethnobiology, and the importance of natural history information to scientific research.

EDUCATION

2012 M.S. University of Florida, FL
Department of Wildlife Ecology & Conservation
2004 B.A. Eckerd College, FL
Anthropology, Biology, & Environmental Studies
2003 Boston College, Kenya; Wildlife Ecology semester abroad
2000 Washington High School, CA

AFFILIATIONS

› [Third Millennium Alliance](#), NGO
› [The Biodiversity Group](#), NGO
› [Amphibian Survival Alliance](#)
› [Florida Amphibian and Reptile Research Team](#)
› [Florida Cooperative Fish and Wildlife Research Unit](#)
› [Fort Lauderdale Research and Education Center](#)
› [Yanayacu Biological Research Station](#), Ecuador
› [Shiripuno Research Center](#), Ecuador
› Scientists Concerned for the Yasuni
› [Sustainable Roots](#), NGO

MEMBERSHIPS

› Sigma Xi Scientific Research Society
› Society for Conservation Biology
› Society for the Study of Amphibians and Reptiles
› Society of Ethnobiology

PROFESSIONAL EXPERIENCE

2014 – Present Executive Director, Third Millennium Alliance
2012 – 2014 Ecuador Program Director, The Biodiversity Group
2008 – Present Board of Directors, Sustainable Roots
2008 – 2012 Graduate Research Assistant, Masters of Science, Department of Wildlife Ecology and Conservation, University of Florida

- Amphibian occupancy modelling
- Crocodylian population monitoring & ecology

- Invasive species ecology & monitoring (Burmese python, Oustalet's Chameleon, Argentine tegu, etc)
- 2006 – 2008 Wildlife Research Technician, University of Florida, Florida Everglades
- Exotic vegetation ecology & spread (*Lygodium microphyllum*)
 - Hurricane impacts to Everglades tree island communities
 - Crocodilian (*C. acutus* & *A. mississippiensis*) monitoring & population ecology
 - Amphibian inventories & monitoring
 - Invasive species ecology & monitoring (Burmese python, Oustalet's Chameleon, Argentine tegu, etc)
 - Small and medium sized mammal inventories
- 2005 Assistant Biologist, Yanayacu Biological Station, Cosanga, Ecuador
- Avian nesting ecology & natural history
 - Lepidopteran inventories, natural history, & ecology
 - Tri-trophic (plant-insect-parasitoid) interactions
- 2000 – 2004 Student Field Assistant, Eckerd College, Department of Biology
- Turtle population ecology
- 2004 Conservation Assistant, Boyd Hill Nature Preserve, St. Petersburg, Florida
- 2003 Student Researcher, School for Field Studies, Kimana, Kenya
- 2002 Research Assistant, Punta Morales, Costa Rica
- 2001 Animal Behavior Intern, Oakland Zoo, California
- 1998 – 2000 Founding Volunteer, Ohlone Humane Society Rehabilitation Center, Newark, California

HONORS, GRANTS & SCHOLARSHIPS

- 2015-2017 IUCN NL conservation corridor grant
- 2016 IdeaWild grant for research and conservation field equipment
- 2014-2015 SavingSpecies grant to support biodiversity conservation
- 2014 IUCN NL Small grants for the Purchase of Nature (SPN)
- 2008 – 2012 Graduate Research Assistantship, Department of Wildlife Ecology and Conservation, University of Florida
- 2009 First Place, Annual Photo Contest to support research, Florida Cooperative Fish and Wildlife Research Unit
- 2007 Center for Art and Public Life Grant - Community development and environmental education in Tongorachi, Ecuador
- 2000 – 2004 Presidential excellence scholarship, Eckerd College, Florida
- 2000 – 2004 Artistic Achievement Award, Visual Arts, Eckerd College, Florida

REFEREED PUBLICATIONS

- Ron, SR., J.J. Mueses-Cisneros, P.D.A. Gutierrez-Cardenas, A. Rojas-Rivera, **R.L. Lynch**, C.F. Duarte Rocha, & G. Galarza. Systematics of the Endangered Toad Genus *Andinophryne* (Anura: Bufonidae): Phylogenetic Position and Synonymy Under the Genus *Rhaebo*. *Zootaxa* 3947 (3): 347-366. [[LINK](#)]
- Lynch, RL**, S. Kohn, F. Ayala-Varela, P.S. Hamilton, & S. Ron. 2014. Rediscovery of *Andinophryne olallai* Hoogmoed, 1985 (Anura, Bufonidae), an Enigmatic and Endangered Andean Toad. *Amphibian & Reptile Conservation* 8(1) [Special Section]: 1-7. [[LINK](#)]
- Greeney, HF, T.R. Walla, & **R.L Lynch**. 2010. Architectural Changes in Larval Leaf Shelters of *Noctuana haematospila* (Lepidoptera: Hesperidae) Between Host Plant Species with Different Leaf Thicknesses. *Zoologia* 27(1): 65-69. [[LINK](#)]
- Lynch, RL**, L.A. Brandt, H. Chen, D. Ogurcak, I. Fujisaki, & F.J. Mazzotti. 2009. Recruitment and Growth of *Lygodium microphyllum* (Old World climbing fern) in Hurricane-Caused Canopy Gaps. *Journal of Fish and Wildlife Management* 2(2): 199-206. [[LINK](#)]
- Callis, K.L., L.R. Christ, J. Resasco, D.W. Armitage, J.D. Ash, T.T. Caughlin, S.F. Clemmensen, S.M. Copeland, T.J. Fullman, **R.L. Lynch**, C. Olson, R.A. Pruner, E.H.M. Vieira-Neto, R. West-Singh, & E.M. Bruna. 2008. Improving Wikipedia: educational opportunity and professional responsibility. *Trends in Ecology and Evolution* 24(4): 177-179.
- Lynch, RL**, H Chen, LA. Brandt, & FJ Mazzotti. 2007. Old World Climbing Fern (*Lygodium microphyllum*) Invasion in Hurricane Caused Treefalls. *Natural Areas Journal* 29(3): 500-505. [[LINK](#)]
- Harms, I, **R.L Lynch**, HF Greeney, & R Lohnes. 2005. Observations on the Nest and Egg of the Swallow-Tailed Nightjar (*Uropsalis segmentata segmentata*) in Southeastern Ecuador. *Ornitologia Neotropical* 17: 585-588. [[LINK](#)]
- Greeney, HF, N Sherman, **R.L Lynch**, & I Harms. 2005. The nest and eggs of Maroon-Chested Ground Dove (*Claravis mondetoura*) in southeastern Ecuador. *Journal Cotinga* 28: 71-73. [[LINK](#)]

MANUSCRIPTS IN PREPARATION

- Lynch, R.L.** Site occupancy of Anurans in the Arthur R. Marshall Loxahatchee National Wildlife Refuge. Herpetological Conservation and Biology. (*In Preparation*)
- Lynch, R.L.**, M.L. Casler, F.J. Mazzotti, K.G. Rice, & I. Fujisaki. Landscape and hydrologic effects on anuran species in the Florida Everglades at multiple spatial scales. *Journal of Herpetology*. (*In Preparation*)
- Lynch, R.L.**, E.J. Larrivee, & F.J. Mazzotti. *Nerodia fasciata pictiventris* (Florida Watersnake) Predation attempt on the Non-native *Pomacea insularum* (Island Apple Snail). *Southeastern Naturalist*. (*In Preparation*)

OTHER PROFESSIONAL PUBLICATIONS

- Maynard, R.J., **Lynch, R.L.**, & P.S. Hamilton. Anfibios de San Jose de Payamino, Orellana, Ecuador. Online photo field guide. [[LINK](#)]
- Lynch, R.L.**, Conservation Partnerships on the Coast of Ecuador. *FrogLog* 112, pg.39-40. [[LINK](#)]
- Lynch, R.L.**, R. Maynard, P.S. Hamilton, & Biodiversity PEEK. Reptiles of the Jama-Coaque Reserve, Manabi, Ecuador. Online photo field guide. [[LINK](#)]

Lynch, R.L., R. Maynard, P.S. Hamilton, & D. Burkart. Amphibians of the Jama-Coaque Reserve, Manabi, Ecuador. Online photo field guide. [[LINK](#)]

Lynch, R.L. Lost Frogs Offer Conservation Hope: A Story of Rediscovery in Ecuador. FrogLog 110, pg.40-42. [[LINK](#)]

Lynch, R.L., M.Rochford, L.A. Brandt, and F.J. Mazzotti. 2010. Reptiles and Amphibians of the Lamanai Outpost Lodge, Orange Walk District, Belize. Online photo field guide. [[LINK](#)]

Brandt, L.A, R.L. Lynch, I., Fujisaki, H. Chen, R. Crespo, & F.J. Mazzotti. 2009. Assessment of Hurricane Damage to Tree Islands in Arthur R. Marshall Loxahatchee National Wildlife Refuge and Their Recovery with Special Emphasis on Establishment of *Lygodium microphyllum*. Final Report for Cooperative Agreement 401815J012 between U.S. Fish and Wildlife Service and University of Florida.

Chen, H & R.L. Lynch. 2007. Invasion of *Lygodium microphyllum* on hurricane-damaged tree islands in the Arthur R. Marshall Loxahatchee National Wildlife Refuge. Annual Report submitted to U.S. Fish and Wildlife Service.

Lynch, R.L. 2004. Multiple Use Plant Species of the Semi-Arid Savannah Ecosystem, East Africa: Integration of Cultural and Biological Preservation. Undergraduate Senior Thesis.

Lynch, R.L. 2003. Photo journal of Maasai Junior Elder ceremony (Enkang oonkiri) in Kimana, Kenya. Focus Anthro: Undergraduate Online Publication, < www.focusanthro.org.>

Lynch, R.L. 2003. An Assessment of the Relationship Between Human Settlements and Useful Plant Resources in Kuku Group Ranch, Kenya.

PRESENTATIONS

Lynch, R.L. 2015. El Uso de los Drones para la Conservación. IUCN Netherlands Habitat Connectivity Symposium. Otavalo, Ecuador.

Lynch, R.L. 2014. Research, Conservation & Wildlife Photography in Ecuador. University of Hong Kong Study Abroad Course. Quito, Ecuador.

Lynch, R.L., F. J. Mazzotti, L.A. Brandt, W. Kitchens, J. H. Waddle & I. Fujisaki. 2012. Site occupancy of Anurans in the Arthur R. Marshall Loxahatchee National Wildlife Refuge. 9th International Association for Ecology (INTECOL) Wetlands Conference.

Lynch, R.L. 2012. Site occupancy of Anurans in the Arthur R. Marshall Loxahatchee National Wildlife Refuge. Fort Lauderdale Research and Education Center Seminar Series.

Lynch, R.L., M. Casler, F.J. Mazzotti, K. Rice & I. Fujisaki. 2011. Landscape and Hydrologic Effects on Anuran Species in the Florida Everglades at Multiple Spatial Scales. Ecological Society of America Annual Meeting.

Lynch, R.L., H. Chen, L.A. Brandt, & F.J. Mazzotti. 2008. Old World Climbing Fern (*Lygodium microphyllum*) Invasion in Hurricane Caused Treefalls. Greater Everglades Ecosystem Restoration Conference.

Lynch, R.L., H. Chen, R.G. Crespo, L.A. Brandt, D. Ogurcak, C. Ugarte, & F.J. Mazzotti. 2008. Post Hurricane Colonization of *Lygodium microphyllum* on Pop-up Tree Islands of the Arthur R. Marshall Loxahatchee National Wildlife Refuge. Greater Everglades Ecosystem Restoration Conference.

Chen H., R.L. Lynch, D. Ogurcak, L.A. Brandt, & F.J. Mazzotti. 2007. Post-hurricane Invasion Pattern of *Lygodium microphyllum* on Pop-up Tree Islands in the Everglades. Annual Conference of Plant Biologists of South Florida, Archbold Biological Station, Lake Placid, FL.

Chen, H, Lynch, R.L., D. Ogurcak, C. Ugarte, L.A. Brandt, & F.J. Mazzotti. 2007. Post-hurricane Colonization of *Lygodium microphyllum* on Pop-up Tree Islands. Arthur R. Marshall Loxahatchee National Wildlife Refuge Science Workshop.

Chen, H., D. Ogurcak, R.L. Lynch, C. Ugarte, L.A. Brandt, & F.J. Mazzotti. 2006. Assessments of Tree Islands Impacted by Hurricanes with Special Emphasis on *Lygodium* (2005-2008). Advisory Group Meeting, Boynton Beach, FL.

Lynch R.L. 2004. An Assessment of the Relationship Between Human Settlements and Useful Plant Resources, Kenya. Society of Ethnobiology Annual Conference.

PHOTOGRAPHY CREDITS

Press/Magazines/Journals/Online: Fauna Web Ecuador, Miami Herald, Amphibian Survival Alliance, U.S. Fish and Wildlife, National Geographic online, Mongabay, Natural Areas Journal, Journal of Fish and Wildlife Management, Journal Cotinga, Amphibian and Reptile Conservation Journal (website, journal cover photo, and journal article), Third Millennium Alliance, Scholastic Inc., Anfibiosweb Ecuador, University of Florida, Zoologia, Zootaxa, Ornitologia Neotropical, School for Field Studies, Ministerio del Ambiente de Ecuador, FrogLog.

Books/ Field Guides: Reptiles and Amphibians of the Lamanai Outpost Lodge Belize, Reptiles and Amphibians of Mindo Ecuador Online Guide, Natural History of Neotropical Treeboas.

Fine Art: Prints and coffee table books sold to approximately 35 clients.

COMPUTER & SOFTWARE SKILLS

- › Microsoft Office applications
- › Adobe applications (Reader, Photoshop, Lightroom)
- › ArcGIS 9.3 and QGIS
- › SAS statistical software
- › Program PRESENCE
- › Endnote
- › Database building and maintenance
- › Quick learner for other programs

LICENSES & CERTIFICATIONS

- › Certified Wilderness First Aid
- › Certified Heartsaver CPR
- › Certified with Boat U.S. (NASBLA) and Motorboat/ Airboat Operation (MOCC)
- › Certified SCUBA diver (PADI)
- › Licensed for ATV use through ATV Safety Institute

ADDITIONAL SKILLS

- › Biological field skills: herpetofauna identification & capture techniques, visual encounter surveys, Anuran call surveys, radio telemetry, small mammal trapping, mist netting, botany field techniques, etc.
- › Experience working with diverse taxa: herpetofauna, avifauna, small mammals, arthropods & plants
- › Experience towing trailers, boats, ATVs, etc.
- › Recreational activities (motor & sail boating, biking, backcountry camping & hiking, scuba)
- › Excellent general and scientific writing
- › Wildlife & Conservation Photography < www.Ryan-Lynch.com >

LANGUAGES

- › English & Spanish

REFERENCES available upon request
