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Ethan Linck

Ph.D. Candidate

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Education

Ph.D. 2014 - 2019 (*expected*). **University of Washington**, Seattle, WA

B.A. 2009 - 2013 **Reed College**, Portland, OR

Publications

Linck, E., Battey, C.J. 2017. Minor allele frequency thresholds strongly affect population structure inference with genomic datasets. *bioRxiv*.

Battey, C.J., **Linck, E.**, Epperly, K.L., French, C., Slager, D., Klicka, J. In Press. A Migratory Divide In The Painted Bunting (*Passerina ciris*). *The American Naturalist*. DOI: 10.1101/132910

Linck, E., Hanna, Zachary R., Sellas, A., Dumbacher, J.P. 2017. Evaluating hybridization capture with RAD probes as a tool for museum genomics with historical bird specimens. *Ecology and Evolution* 7(8). DOI: 10.1002/ece3.3065

Linck, E., Bridge, E.S., Duckles, J., Navarro-Sigenza, A.G., Rohwer, S. 2016. Assessing migration patterns in Painted Buntings using the world's bird collections as an aggregated resource. *PeerJ* 4:e1871. DOI: 10.7717/peerj.1871

Linck, E., Schaack, S., Dumbacher, J. 2015. Genetic differentiation within a widespread “supertramp” taxon: molecular phylogenetics of the Louisiade White-eye (*Zosterops griseotinctus*). *Molecular Phylogenetics and Evolution* 94(A), 113-121. DOI: 10.1016/j.ympev.2015.08.018

Linck, E. 2010. Notes on birds and logistics from the south side of Mount Giluwe, SHP. *Muruk* 10(1), 4-7.

In review

Linck, E., Fricke, E., Rogers, H. Varied abundance and functional diversity in the surviving bird communities of the Mariana Islands. *The Wilson Journal of Ornithology*.

Linck, E., Huber, H., Greeney, H., Sheldon, K. Nesting biology of the Blue-and-white Swallow (*Notiochelidon cyanoleuca*) in northeastern Ecuador. *Ornitologia Neotropical*.

Grants & Awards

NSF Doctoral Dissertation Improvement Grant. 2017. \$20,084.

NDSEG Fellowship. 2016. \$172,000.

WRF-Hall Fellowship. 2016. \$13,000.

WRF-Hall Supplemental Funds. 2016. \$5,100.

AOU Student Membership Award. 2015. \$25.

Society of Systematic Biologists Graduate Student Research Award. 2015. \$1,500

Reed College BURP Fund. 2012. \$1,500.

Reed College Arch and Fran Diack Student Field Research Fund. 2010. \$4,200.

Explorers Club Youth Activity Fund. 2009. \$1,500.

Honors

NSF GRFP Honorable Mention. 2016.

NSF GRFP Honorable Mention. 2015.

Commendation for Excellence, Reed College Junior Qualifying Exam. 2011.

Appointments

National Defense Science and Engineering Graduate Fellow. 2016 - 2019. US Department of Defense.

Contributing Writer. 2016 - present. *The Molecular Ecologist*.

Visiting Researcher. 2016. Department of Ornithology & Mammology, California Academy of Sciences.

WRF-Hall Fellow. 2016. Department of Biology, University of Washington.

Teaching Assistant. 2014-2016. Department of Biology, University of Washington.

Research Assistant. 2014. Museum of Natural History, University of Colorado Boulder

Winter Caretaker. 2013-2014. Rocky Mountain Biological Laboratory

NSF REU Student. 2013-2014. Summer Systematics Institute, California Academy of Sciences.

Teaching Assistant. 2013. Department of Biology, Reed College.

Research Assistant. 2012. Department of Biology, University of Utah.

NSF REU Student. 2011. Department of Biology, University of Washington.

Presentations

Battey, C.J., **Linck, E.**, Epperly, K.L., French, C., Slager, D., Klicka, J. 2017. A Migratory Divide In The Painted Bunting (*Passerina ciris*). Rocky Mountain Biology Laboratory Graduate Student Talks, Gothic, CO.

Battey, C.J., **Linck, E.**, Epperly, K.L., French, C., Slager, D., Klicka, J. 2017. A Migratory Divide In The Painted Bunting (*Passerina ciris*) (poster). Evolution Meetings, Portland, OR.

Linck, E. 2017. Phenotype, species limits, and adaptation in a New Guinea kingfisher. Graduate Student Symposium, UW Biology, Seattle, WA.

Linck, E. 2017. Natural history museums, DNA, and avian evolution. Trilogy Bird Club, Redmond, WA.

Linck, E. 2017. Natural history museums, DNA, and avian evolution. Eastside Audubon Society, Kirkland, WA.

Linck, E., Bridge, E.S., Duckles, J., Navarro-Sigenza, A.G., Rohwer, S. 2016. Assessing migratory behavior in Painted Buntings with specimen collections and remote sensing data. Rocky Mountain Biology Laboratory Graduate Student Talks, Gothic, CO.

Linck, E., Sellas, A., Hanna, Z., Dumbacher, J. 2016. hyRAD, museum genomics, and the phylogeography of a New Guinea forest kingfisher. Evolution Meetings, Austin, TX.

Linck, E., Klicka, J., Zarza, E., Bryson Jr., R., McCormack, J. 2016. Phylogenomic phylogeography of the Rufous-capped Brush Finch. Graduate Student Symposium, UW Biology, Seattle, WA.

Urquhart, G.R., Maes, J.M., **Linck, E.** 2015. Critical Uncertainties and Gaps in the Environmental and Social-Impact Assessment of the Proposed Interoceanic Canal through Nicaragua: Terrestrial Biodiversity. Second International Workshop on the Interoceanic Canal through Nicaragua, Managua, Nicaragua.

Linck, E. 2015. Guest Lecture: Island Biogeography. Biology 472: Community Ecology, UW Biology, Seattle, WA.

Linck, E. 2013. Molecular Phylogenetics of the Louisiade White-eye (*Zosterops griseotinctus*.) California Academy of Sciences Summer Systematics Institute Symposium, San Francisco, CA.

Linck, E. 2013. Molecular Phylogenetics of the Louisiade White-eye (*Zosterops griseotinctus*.) Oral Thesis Defense, Reed College, Portland, OR.

Linck, E., Schaack, S., Dumbacher, J. 2013. Molecular Phylogenetics of the Louisiade White-eye (*Zosterops griseotinctus*.) Students Talking About thesis Research (STARs) Seminar Series, Reed College, Portland, OR.

Popular Writing

The politics of beauty, choice and natural selection: Richard Prum's *The Evolution of Beauty* In press. *Los Angeles Review of Books*.

Bidding a Woeful Farewell to NSF's Doctoral Dissertation Improvement Grant (DDIG) Program 2017. *Undark Magazine*.

Keep it Public. 2017. *Jacobin Magazine*.

How Trump's War on Science Might Hurt the University of Washington. 2017. *The Stranger*.

British Scientists Wanted No Exit From the EU. 2016. *The Stranger*.

Science News (weekly column). 2016. *The Stranger*.

Wilderness and "A Third-World Critique" in the Era of Climate Change. 2016. *The Hypocrite Reader* 69.

The UW Light Rail Station Will Help Bridge the Psychological Distance Between the Two Halves of the City. 2016. *The Stranger*.

Birds, Whiskey, and the Modern Evolutionary Synthesis: Ernst Mayr in the Solomon Islands. 2015. *The Hypocrite Reader* 59.

The Gorge. 2015. *Bearings Journal* 1.

A Trail Runner Defends His Right to Public Lands. 2015. *High Country News*.

Black Coffee. 2014. *The Hypocrite Reader* 47.

El Oso Plateado. 2014. *The Hypocrite Reader* 39.

The Enduring Appeal of Counting Birds. 2013. *The Hypocrite Reader* 33.

On Singing. 2013. *The Hypocrite Reader* 31.

Teaching Experience

Biology 472: Community Ecology. Fall 2015. Teaching Assistant. Department of Biology, University of Washington.

Biology 452: Vertebrate Biology. Summer 2015. Teaching Assistant. Department of Biology, University of Washington.

Biology 200: Introductory Biology II. Fall 2014. Teaching Assistant. Department of Biology, University of Washington.

Biology 180: Introductory Biology I. Winter 2015, Spring 2015, Winter 2016. Teaching Assistant. Department of Biology, University of Washington.

Biology 366: Population Ecology and Evolution. Spring 2013. Department of Biology, Reed College.

Field Experience

E Oregon, USA. 2017. General collecting for UWBM Ornithology.

Idaho & SE Washington, USA. 2015. General collecting for UWBM Ornithology.

Colorado, USA. 2014. Managing *Boechera* garden plots along an elevational transect.

Colorado, USA. 2013-2014. Winter caretaker at snowbound Rocky Mountain Biological Laboratory field station.

Monteverde, Costa Rica. 2012. Bird surveys of pasture trees and pitfall trapping of dung beetles.

Northern Mariana Islands, USA. 2011. Point count bird surveys and forest ecology.

Sandaun Province, Papua New Guinea. 2010. Mist netting and point count bird surveys.

Oregon, USA. 2010. Bird banding assistant at a wetland molt migrant stopover site.

Michoacan, Mexico. 2010. Assistant naturalist, Expedition Travel / University of Florida group tour of Monarch butterfly colonies.

Southern Highlands Province, Papua New Guinea. 2009. Naturalist in residence, Ambua Lodge.

Gulf Province, Papua New Guinea. 2008. GIS mapping of clan boundaries, Crater Mountain Wildlife Management Area.

Outreach & Service

Natural History Museum Collections

- Weekly preparation of scientific bird specimens for the Burke Museum collections
- Annual participation in the Burke Museums collecting expeditions
- Tour guide for UW Introductory Biology field trips to the Burke Museum specimen collections
- Regularly help run the Burke Museums Members Night and Birds at the Burke outreach events

Departmental Service

- Organizer for a graduate student seminar on phylogenetics
- Host for prospective graduate students

Contributions to the field

- Contributing writer, *The Molecular Ecologist*, a field-specific news, literature and methods tutorial website (<http://www.molecular ecologist.com/>)
- Manuscript referee, *Molecular Phylogenetics and Evolution*, *PeerJ*, *Axioms Review*, *Ecological Applications*, *PLoS ONE*
- Scripts publicly available on GitHub (<http://github.com/elinck>)
- Sequence data publicly available on GenBank / Dryad

Graduate Committee

J. Klicka; J. Hille Ris Lambers; R. Olmstead; L. Hauser

Collaborators

C.J. Battey (U Washington); D. Slager (U Washington); C. French (U Washington); E. Bridge (U Oklahoma); R. Bryson (U Washington); J. Duckles (U Oklahoma); J. Dumbacher (California)

Academy of Sciences); K. Epperly (U Washington); E. Fricke (U Iowa); R. Guralnick (U Florida); Z. Hanna (UC Berkeley); J. McCormack (Occidental College); A. Navarro-Siguenza (UNAM); A. Sellas (California Academy of Sciences); H. Rogers (U Iowa); S. Rohwer (U Washington), S. Schaack (Reed College), K. Sheldon (U Tennessee), E. Zarza (Occidental College)