

## CJ Battey

PhD Candidate, Klicka Lab  
University of Washington, Department of Biology  
cjbattey@uw.edu 1-650-291-4362 cjbattey.com

### Education

University of California, Berkeley	Integrative Biology	B.A., 2010
University of California, Berkeley	English	B.A., 2010
University of Washington	Biology	PhD, 2013-

### Publications

**Battey, C.J.**, Linck, E., Epperly, K.L., French, C., Slager, D., Klicka, J. 2017. A Migratory Divide In The Painted Bunting (*Passerina ciris*). *bioRxiv*. DOI: [10.1101/132910](https://doi.org/10.1101/132910)

**Battey, C.J.** & Klicka, J. 2017. Cryptic Speciation and Gene Flow in a Migratory Songbird Species Complex: Insights from the Red-Eyed Vireo (*Vireo olivaceus*). *Molecular Phylogenetics and Evolution*, Available online 12 May 2017, ISSN 1055-7903, <https://doi.org/10.1016/j.ympev.2017.05.006>.

Slager, D.L., **C.J. Battey**, Robert W. Bryson Jr., Gary Voelker, John Klicka. "A multilocus phylogeny of a major New World avian radiation: The Vireonidae." *Molecular Phylogenetics and Evolution*, Volume 80, November 2014, Pages 95-104, ISSN 1055-7903, <http://dx.doi.org/10.1016/j.ympev.2014.07.021>.

**Battey, C.J.**, T. Ross. *Impacts of Habitat Restoration and Status of Avian Communities in Seattle City Parks*. May 2015. Seattle Audubon Society: <http://www.seattleaudubon.org/sas/About/Science/CitizenScience/NeighborhoodBirdProject.aspx>

*In prep*

**Battey, C.J.**, Huey, R. Impacts of Forest Regrowth on the Elevation Ranges of Puerto Rican *Anolis*. *Ecology*.

**Battey, C.J.** Genetic Evidence of Strong Philopatry and Isolation by Distance in a Migratory Hummingbird. *The Auk*.

### Grants and Awards

2016	National Science Foundation	DDIG	\$16800
	American Ornithologists' Union	Student Travel Award	\$450
2015	American Museum of Natural History	Frank M. Chapman Grant	\$1200
	UW Department of Biology	Iuvo Award	\$1500
	UW Department of Biology	Sargent Award	\$1500
	NSF GRFP	Honorable Mention	
2014	American Ornithologists' Union	Student Travel Award	\$300
	NSF GRFP	Honorable Mention	

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### Presentations

**Battey, C. J.;** Klicka, J. 2016. *Phylogeography of the Rufous Hummingbird (S. rufus): Insights on Migratory Connectivity and a Recent Wintering Range Expansion* North American Ornithological Conference; Washington, DC.

**Battey, C.J.** 2016. *Impacts of Habitat Restoration on Native Birds in Seattle City Parks.* Edmonds Birdfest, Edmonds, WA.

**Battey, C.J.** 2016. *The Californians are Coming: Recent Range Shifts in North American Hummingbirds.* University of Washington Graduate Student Symposium, Seattle, WA.

**Battey, C.J.** 2016. *Status and Trends in Avian Communities in Seattle City Parks: 20 Years of the Neighborhood Bird Project.* Seattle Audubon Society, Seattle, WA.

**Battey, C.J.** 2016. *Impacts of Habitat Restoration on Native Birds in Seattle City Parks.* Green Seattle Partnership and Seattle Audubon Society, Seattle, WA.

**Battey, C. J.;** Slager, D. L.; Bryson, R. W.; Klicka, J. 2014. *Paraphyly and Migration in the Red-Eyed Vireo Species Complex.* Presentation at the meeting of the American Ornithologists' Union, Estes Park, CO.

**Battey, C. J.;** Slager, D. L.; Bryson, R. W.; Klicka, J. 2014. *Return of the Chivi Vireo: Phylogenetic Inference with Genome-Wide SNPs.* University of Washington Graduate Student Symposium, Seattle, WA.

### Professional Appointments

- 2017            Teaching Assistant, Molecular Ecology and Genetics, Dept. of Biology, UW  
Teaching Assistant, Comparative Anatomy, Dept. of Biology, UW  
Teaching Assistant, Conservation Biology, Dept. of Biology, UW
- 2016            Teaching Assistant, Biological Impacts of Climate Change, Dept. of Biology, UW  
Teaching Assistant, Genetics and Molecular Ecology, Dept. of Biology, UW  
Research Assistant, Huey Lab, Dept. of Biology, UW
- 2015            Teaching Assistant, Introductory Physiology, Dept. of Biology, UW  
Teaching Assistant, Conservation Biology, Dept. of Biology, UW
- 2014            Teaching Assistant, Introductory Physiology, Dept. of Biology, UW  
Teaching Assistant, Molecular Biology, Dept. of Biology, UW  
Curatorial Assistant, Dept. of Ornithology, Burke Museum of Natural History
- 2013            Research Assistant, Fundación Proaves, Magdalena, Colombia  
WRF Hall Fellow, Dept. of Biology, UW
- 2012            Avian Point Count Technician, Point Reyes Bird Observatory, Pescadero, CA
- 2010-2012     Staff Scientist; Cardno ENTRIX, Concord, CA

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### Teaching & Public Outreach

#### Undergraduate Education & Mentoring

- Developed interactive website used in population genetics labs:  
<https://cjbatt.shinyapps.io/driftR/>
- Designed assignment and teaching modules for BIOL315, based on students' independent analyses of data from peer-reviewed studies:  
<https://www.dropbox.com/sh/rg0v2wn627g3usr/AADtkR-Bb6XP0PfbWNnjE4IRa?dl=0>
- Mentored an undergraduate student on her study of reticulate evolution in the Great-Tailed Grackle (presented at AOU 2014).
- Collaborated with labmates to develop a 3-hr introduction to museum-based science for Introductory Biology (Biol 180) classes. Over 1000 students have since participated.

#### Seattle Audubon Society

- Worked with Seattle Audubon staff and volunteers to analyze 17 years of citizen-science point count data to assess impacts of restoration projects on avian communities in city parks.
- Presented results at Seattle Parks stakeholders' meeting and three public Audubon meetings.
- Results helped convince parks to adjust maintenance schedules impacting Savannah Sparrows at Discovery Park, and lead to a boost in volunteers in following years.

#### Burke Museum of Natural History

- Volunteer presenter and guide for public tours and events at the Burke Museum.
- Developed hummingbird/sunbird convergent evolution display for "Birds at the Burke".
- Ornithology collecting trips in WA, ID, MT, CO, and the Sierra Madre Occidental (MX).
- Weekly preparation of biological specimens (2013-present).

### Contributions to the Field

- Manuscript referee: *J. Biogeography*, *PLOS one*, *Molecular Phylogenetics and Evolution*, *Molecular Ecology*
- R and shell scripts for visualization of RAD sequence data and bioinformatics processing ([github.com/cjbatt](https://github.com/cjbatt))

### Graduate Committee

John Klicka, Adam Leaché, Lauren Buckley, John Marzluff