

Phillip R. Hollingsworth Jr.

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Education

M.S., Ecology and Evolutionary Biology, University of Tennessee, 2007
Concentrations: Ichthyology, Molecular Phylogenetics

B.S., Biology, Missouri State University, 2003
Graduated Magna Cum Laude in the Honors College

Publications

Near, T.J., C.A. Bossu, G.S. Bradburd, R.L. Carlson, R.C. Harrington, **P.R. Hollingsworth Jr.**, B.P. Keck, and D.A. Etnier. 2011. Phylogeny and temporal diversification of darters (Percidae: Etheostomatinae). *Systematic Biology* 60:565-595.

Hollingsworth Jr., P.R., and C.D. Hulsey. 2011. Reconciling gene trees of eastern North American minnows. *Molecular Phylogenetics and Evolution* 61:149-156.

Hulsey, C.D., and **P.R. Hollingsworth Jr.** 2011. Do constructional constraints influence cyprinid (Leuciscinae: Cyprinidae) craniofacial diversification? *Biological Journal of the Linnean Society* 103:136-146.

Hulsey, C.D., B.P. Keck, and **P.R. Hollingsworth Jr.** 2011. Species tree estimation and the biogeography of Heroine cichlids. *Molecular Phylogenetics and Evolution* 58:124-131.

Hulsey, C.D., **P.R. Hollingsworth Jr.**, and J.A. Fordyce. 2010. Temporal diversification of Central American cichlids. *BMC Evolutionary Biology* 10:279.

Hulsey, C.D., **P.R. Hollingsworth Jr.**, and R. Holzman. 2010. Co-evolution of the premaxilla and jaw protrusion in cichlid fishes (Heroine: Cichlidae). *Biological Journal of the Linnean Society* 100:619-629.

Hollingsworth Jr., P.R., and T.J. Near. 2009. Temporal patterns of diversification and microendemism in Central Highland endemic barcheek darters (Percidae: Etheostomatinae). *Evolution* 63:228-243.

Professional Presentations

SICB, Charleston, SC, 2012, "Evolution of the adductor mandibulae and premaxillary

protrusion angle across eastern North American minnows (Cyprinidae)" - poster

Evolution, Norman, OK, 2011, "Reconciling gene trees of eastern North American minnows"

Evolution, Portland, OR, 2010, "Gene trees and species trees for eastern North American minnows (Cyprinidae)" - poster

SICB, Seattle, WA, 2010, "Do constructional constraints influence cyprinid craniofacial diversification?" - poster

SFC, Chattanooga, TN, 2008, "Temporal patterns of diversification and microendemism in Central Highland endemic barcheck darters"

ASIH Joint Meeting, Tampa, FL, 2005, "Within drainage speciation and microendemism in darters"

SEEC, Athens, GA, 2005, "Within drainage speciation and microendemism in darters"

GREBE Symposium, Knoxville, TN, 2005, "Phylogeography of the barcheck darter species group"

Invited Presentations

Oak Ridge National Laboratory, 2011, "Reconciling gene trees of eastern North American minnows"

Awards

Cokkinias Graduate Fellowship, University of Tennessee, 2011 (\$2000)

Relevant Employment

Research Coordinator, Hulsey Lab, University of Tennessee, 2008, 2009

Aquatic Biologist, TVA, 2007, 2008

Teaching

TA for Genetics, Ichthyology, Intro to Biology (Majors and Non-majors), Ecology, and Aquatic Entomology at UT

Service/Outreach

Reviewer for: Evolution, International Journal of Evolutionary Biology, Biological Invasions

Associate Coordinator and Judge, Ecology Section of the Tennessee State Science Olympiad,

Knoxville, TN, 2011

Funding

UTK EEB Summer Research Grant, 2004, 2005, 2010, 2011 (\$1000-1500)

UTK EEB GREBE Travel Award 2011 (\$100)

Workshops

Estimating Species Trees Workshop, Ann Arbor, MI, 2008

Bodega Applied Phylogenetics Workshop, Bodega Bay, CA, 2004

Field Experience

Southeastern US, Texas, Mexico, Honduras, Costa Rica, Malawi