

Curriculum vitae - Eldredge Bermingham

Personnal data

Smithsonian Tropical Research Institute
Unit 0948
APO AA 34002-0948 USA

Smithsonian Tropical Research Institute
PO BOX 0843-03092 - Balboa, Ancon
PANAMA - REPUBLIC OF PANAMA

tel: (507) 212 8086
fax: (507) 212 8258 / 8150

[email: bermingham@si.edu](mailto:bermingham@si.edu)

Education

B.S. in Biology (May, 1977): Cornell University (1973-77)

Ph.D. in Genetics (March, 1986): University of Georgia (1981-86)

Dissertation advisor: John C. Avise; Dissertation title: Molecular zoogeography of freshwater fishes in the southeastern United States.

Professional Experience

From 1986 - to 1988	National Research Council Postdoctoral Scholar, National Marine Fisheries Service, Seattle, WA
From 2000 - to present	Research Professor, Department of Biology, University of Missouri-St. Louis
From 2003 - to 2007	Deputy Director, Smithsonian Tropical Research Institute
From April 2007 - to present	Acting Director, Smithsonian Tropical Research Institute

Main publications

PDFs available at : <http://striweb.si.edu/bermingham/Publications/publications.php>

Shulman, Myra J. and Bermingham, Eldredge - 1995 - Early life histories, ocean currents, and the population genetics of Caribbean reef fishes - **Evolution** - 49(5): - [PDF](#)

Bermingham, Eldredge and Martin, Andrew P. - 1998 - Comparative mtDNA phylogeography of neotropical freshwater fishes: testing shared history to infer the evolutionary landscape of lower Central America - **Molecular Ecology** - 7(4): - [PDF](#)

Lovette, Irby J. and Bermingham, Eldredge - 1999 - Explosive speciation in the New World Dendroica warblers - **Proceedings of the Royal Society (London) B.** - 266(1429): - [PDF](#)

Bermingham, Eldredge and Dick, Christopher W. - 2001 - The Inga: Newomer or museum antiquity? - **Science** - 293(5538): - [PDF](#)

Ricklefs, Robert E. and Bermingham, Eldredge - 2001 - Nonequilibrium diversity dynamics of the Lesser Antillean avifauna - **Science** - 294(5546): - [PDF](#)

Rohwer, Sievert, Bermingham, Eldredge and Wood, Christopher - 2001 - Plumage and mitochondrial DNA haplotype variation across a miving hybrid zone - **Evolution** - 55(2): - [PDF](#)

Theron, Emmalize, Hawkins, Kim, Bermingham, Eldredge, Ricklefs, Robert E. and Mundy, Nicholas I. - 2001 - The molecular basis of an avian plumage polymorphism in the wild: A melanocortin-1-receptor point mutation is perfectly associated with the melanic plumage morph of the bananaquit, Coereba flaveola - **Current Biology** - 11(8): - [PDF](#)

Davies, Neil and Bermingham, Eldredge - 2002 - The historical biogeography of two Caribbean butterflies (Lepidoptera: Heliconiidae) as inferred from genetic variation at multiple loci - **Evolution** - 56(3): - [PDF](#)

McCafferty, S. Shawn, Bermingham, Eldredge, Quenouille, B., Planes, Serge, Hoelzer, G. and Asoh, K. - 2002 - Historical biogeography and molecular systematics of the Indo-Pacific genus *Dascyllus* (Teleostei:Pomacentridae) - **Molecular Ecology** - 11(8): - [PDF](#)

Perdices, Anabel, Bermingham, Eldredge, Montilla, Antonia and Doadrio, Ignacio - 2002 - Evolutionary history of the genus *Rhamdia* (Teleostei: Pimelodidae) in Central America - **Molecular Phylogenetics and Evolution** - 25(1): - [PDF](#)

Dick, Christopher W., Abdul-Salim, Kobinah and Bermingham, Eldredge - 2003 - Molecular systematic analysis reveals cryptic tertiary diversification of a widespread tropical rain forest tree - **American Naturalist** - 162(6): - [PDF](#)

Fallon, Sylvia M., Bermingham, Eldredge and Ricklefs, Robert E. - 2003 - Island and taxon effects in parasitism revisited: Avian malaria in the Lesser Antilles - **Evolution** - 57(3): - [PDF](#)

Eberhard, Jessica R. and Bermingham, Eldredge - 2004 - Phylogeny and biogeography of the *Amazona ochrocephala* (Aves: Psittacidae) complex - **The Auk** - 121(2): - [PDF](#)

Quenouille, Brice, Bermingham, Eldredge and Planes, Serge - 2004 - Molecular systematics of the damselfishes (Teleostei: Pomacentridae): Bayesian phylogenetic analyses of mitochondrial and nuclear DNA sequences - **Molecular Phylogenetics and Evolution** - 31(1): - [PDF](#)

Eberhard, Jessica R. and Bermingham, Eldredge - 2005 - Phylogeny and comparative biogeography of Pionopsitta parrots and Pteroglossus toucans - **Molecular Phylogenetics and Evolution** - 36(2): - [PDF](#)

Salazar, Camilo A., Jiggins, Christopher D., Arias, C.F., Tobler, A., Bermingham, Eldredge and Linares, Mauricio - 2005 - Hybrid incompatibility is consistent with a hybrid origin of *Heliconius heurippa* Hewitson from its close relatives, *Heliconius cydno* Doubleday and *Heliconius melpomene* Linnaeus - **Journal of Evolutionary Biology** - 18(2): - [PDF](#)

Smith, Scott A. and Bermingham, Eldredge - 2005 - The biogeography of lower Mesoamerican freshwater fishes - **Journal of Biogeography** - 32(10): - [PDF](#)