

Publications: Hernán López-Fernández, Associate Curator of Ichthyology

Peer Reviewed Publications

- 2011 Hulseley, C.D. and H. López-Fernández. "Nuclear Central America." In *Historical Biogeography of Neotropical Freshwater Fishes*, edited by J. Albert, and R.E. Reis. University of California Press, pp. 279-291.
- 2011 López-Fernández, H. and J.S. Albert. "Paleogene radiations." In *Historical Biogeography of Neotropical Freshwater Fishes*, edited by J. Albert, and R.E. Reis. University of California Press, pp. 105-117.
- 2011 Arbour, J. and H. López-Fernández. "*Guianacara dacrya*, a new species from the Rio Branco and Essequibo River drainages of the Guiana Shield (Cichlidae, Perciformes)." *Neotropical Ichthyology*, 9: 87-96.
- 2010 Taphorn, D.C., J.W. Armbruster, H. López-Fernández, and C.R. Bernard. "Description of *Neblinichthys brevibracchium* and *N. echinasus* from the upper Mazaruni River, Guyana (Siluriformes: Loricariidae), and recognition of *N. roraima* and *N. yaravi* as distinct species." *Neotropical Ichthyology*, 8: 615-624.
- 2010 López-Fernández, H., K.O. Winemiller, and R.L. Honeycutt. "Multilocus phylogeny and rapid radiations in Neotropical cichlid fishes (Perciformes: Cichlidae: Cichlinae)." *Molecular Phylogenetics and Evolution*, 55: 1070-1086.
- 2008 Winemiller, K.O., H. López-Fernández, D.C. Taphorn, L. Nico and A. Barbarino. "Fish assemblages of the Casiquiare River, a corridor and zoogeographic filter for dispersal between the Orinoco and Amazon basins." *Journal of Biogeography*.
- 2008 Bolnick, D.I., M. Turelli, H. López-Fernández, P.C. Wainwright and T.J. Near. "Accelerated mitochondrial evolution and 'Darwin's corollary': Asymmetric viability of reciprocal F1 hybrids in centrarchid fishes." *Genetics*.
- 2007 López-Fernández, H. and D.I. Bolnick. "What causes partial F1 hybrid viability? Incomplete penetrance versus genetic variation." *PLoS ONE* 2: e1294. [\(PDF\)](#)
- 2007 Correa, S.B., K.O. Winemiller, H. López-Fernández and M. Galetti. "Seed consumption and dispersal by fishes: evolutionary perspectives." *BioScience*, 57: 748-756. [\(PDF\)](#)
- 2006 López-Fernández, H., D.C. Taphorn and S.O. Kullander. "Two new species of *Guianacara* from the Venezuelan portion of the Guiana Shield (Perciformes: Cichlidae)." *Copeia*, 2006: 384-395. [\(PDF\)](#)
- 2005 López-Fernández, H., R.L. Honeycutt, M.L.J. Stiassny and K.O. Winemiller. "Morphology, molecules, and character congruence in the phylogeny of geophagine cichlids from South America (Perciformes: Labroidei)." *Zoologica Scripta*, 34: 627-651. [\(PDF\)](#)

- 2005 López-Fernández, H., R.L. Honeycutt and K.O. Winemiller. "Molecular phylogeny and evidence for an adaptive radiation of geophagine cichlids from South America (Perciformes: Labroidei)." *Molecular Phylogenetics and Evolution*, 34: 227-244. [\(PDF\)](#)
- 2005 Willis, S.C., K.O. Winemiller and H. López-Fernández. "Habitat structural complexity and morphological diversity of fish assemblages in a Neotropical floodplain river." *Oecologia*, 142: 284-295. [\(PDF\)](#)
- 2005 López-Fernández, H. and K.O. Winemiller. "Status of *Dionda diaboli* and report of established populations of exotic fish species in Lower San Felipe creek, Val Verde County, Texas." *The Southwestern Naturalist*, 50: 246-251. [\(PDF\)](#)
- 2004 López-Fernández, H. and D.C. Taphorn. "*Geophagus abalios*, *G. dicrozoster* and *G. winemilleri* (Perciformes: Cichlidae), three new species from Venezuela." *Zootaxa*, 439: 1-27. [\(PDF\)](#)
- 2003 López-Fernández, H. and K.O. Winemiller. "Morphological variation in *Acestrorhynchus microlepis* and *A. falcatus* (Characiformes: Acestrorhynchidae), reassessment of *A. apurensis* and distribution of *Acestrorhynchus* in Venezuela." *Ichthyological Exploration of Freshwaters*, 14: 193-208. [\(PDF\)](#)
- 2000 López-Fernández, H. and K.O. Winemiller. "A review of Venezuelan species of *Hypophthalmus* (Siluriformes: Pimelodidae)." *Ichthyological Exploration of Freshwaters*, 11: 35-46. [\(PDF\)](#)