

## Peer-reviewed Publications: Hernán López-Fernández, Associate Curator of Ichthyology

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- 2009 Hulseley, C.D. and H. López-Fernández. "Historical Biogeography of the Fishes of Nuclear Central America." In *Historical Biogeography of Neotropical Freshwater Fishes*, edited by J. Albert, and R. E. Reis. Fredric-Pfeil. (Accepted).
- 2008 Taphorn, D.C.T., H. López-Fernández and C.R. Bernard. "*Apareiodon agmatos*, a new species from the upper Mazaruni river, Guyana (Teleostei: Characiformes: Parodontidae)." *Zootaxa*, 1925: 31-38.
- 2008 Montaña, C.G., H. López-Fernández and D.C. Taphorn. "A new species of *Crenicichla* (Perciformes: Cichlidae) from the Rio Ventuari, Upper Rio Orinoco, Amazonas State, Venezuela." *Zootaxa*, 1856: 33-40.
- 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*, 35: 1551-1563.
- 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*, 178: 1037-1048.
- 2007 López-Fernández, H. and D.I. Bolnick. "What causes partial F1 hybrid viability? Incomplete penetrance versus genetic variation." *PLoS ONE* 2(12): e1294. doi: 10.1371/journal.pone.0001294.
- 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.
- 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.
- 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.
- 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.
- 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.

- 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.
- 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.
- 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.
- 2000 López-Fernández, H. and K.O. Winemiller. "A review of Venezuelan species of *Hypophthalmus* (Siluriformes: Pimelodidae)." *Ichthyological Exploration of Freshwaters*, 11: 35-46.