

GEORGE F. BARROWCLOUGH
ASSOCIATE CURATOR
DEPARTMENT OF ORNITHOLOGY
Phone: 212.769.5785 Fax: 212.769.5759 gfb@amnh.org

HIGHEST DEGREE EARNED

Ph.D.

AREA OF SPECIALIZATION

Systematics, demography, and geographic variation of birds

EDUCATION

Ph.D. in Ecology and Behavioral Biology, University of Minnesota; Minneapolis, MN, 1980

Sc.M. in Engineering, Brown University, Providence, RI, 1972

Sc.B. Brown University; Providence, RI, 1970, *magna cum laude*

EXPERIENCE IN DOCTORAL EDUCATION

FACULTY APPOINTMENTS

Adjunct Professor, City University of New York, 1992-present

COURSES TAUGHT

City University of New York (CUNY), Conservation Biology (1992, 1994, 1996, 1998)

GRADUATE COMMITTEES

Patricia H. Brito (Chair, 1998-present)

Marcelo Weksler (2000-2004)

Pamela Q. Beresford (1995-2001)

Tina Herreman (1999-2000)

Alejandro Espinosa (1992-1997)

Carole S. Griffiths (1990-1996)

Patricia Escalante-Pliego (1985-1991)

Peter F. Cannell (1981-1986)

RESEARCH GRANT SUPPORT

National Science Foundation, "ATOL: Collaborative Research: Archosaur Phylogeny - A Total Evidence Approach at Fine Taxonomic Levels, "with Drs. M. A. Norell & J. L. Cracraft, \$1,773,737, 2002-2007.

RECENT ARTICLES IN REFEREED JOURNALS

Barrowclough, G.F., J.G. Groth, L.A. Mertz, and R.J. Gutierrez. 2006. Genetic structure of Mexican spotted owl (*Strix occidentalis lucida*) populations in a fragmented landscape. *The Auk* 123(4): 1090-1102.

- Barrowclough, G. F., J. G. Groth, and L. A. Mertz. 2006. The RAG-1 exon in the avian order Caprimulgiformes: Phylogeny, heterozygosity, and base composition. *Molecular Phylogenetics and Evolution* 4: 238-248.
- Barrowclough, G. F., J. G. Groth, L. A. Mertz, and R. J. Gutierrez. 2005. Genetic structure, introgression, and a narrow hybrid zone between northern and California spotted owls (*Strix occidentalis*). *Molecular Ecology* 14: 1109-1120.
- Gutiérrez, R. J., and G. F. Barrowclough. 2005. Redefining the distributional boundaries of the Northern and California Spotted Owls: implications for conservation. *Condor* 107:182-187.
- Griffiths, C. S., G. F. Barrowclough, J. G. Groth, and L. Mertz. 2004. Phylogeny of the Falconidae (Aves): a comparison of the efficacy of morphological, mitochondrial, and nuclear data. *Molecular Phylogenetics & Evolution* 32:101-109.
- Barrowclough, G. F., J. G. Groth, L. A. Mertz, and R. J. Gutiérrez. 2004. Phylogeographic structure, gene flow and species status in blue grouse (*Dendragapus obscurus*). *Molecular Ecology* 13:1911-1922.
- Paton, T. A., A. J. Baker, J. G. Groth, and G. F. Barrowclough. 2003. RAG-1 sequences resolve phylogenetic relationships within Charadriiform birds. *Molecular Phylogenetics & Evolution* 29:268-278.
- Barrowclough, G. F. 2003. Angel Falls, Venezuela. *Natural History* 112(4A):56.
- Barker, F. K., G. F. Barrowclough, and J. G. Groth. 2002. A phylogenetic hypothesis for passerine birds: taxonomic and biogeographic implications of an analysis of nuclear DNA sequence data. *Proceedings Royal Society London, B* 269:295-308.
- Sweet, P. R., G. F. Barrowclough, J. T. Klicka, L. Montañez-Godoy, and P. Escalante-Pliego. 2001. Recolonization of the flicker and other notes from Isla Guadalupe, Mexico. *Western Birds* 32:71-80.

SPECIAL RECOGNITION/AWARDS

Fellow, AOU, 1987

Elective Member, AOU, 1982

Tau Beta Pi, 1970