

GEORGE F. BARROWCLOUGH
ASSOCIATE CURATOR AND ASSOCIATE PROFESSOR
DEPARTMENT OF ORNITHOLOGY

HIGHEST DEGREE EARNED

Ph.D.

AREA OF SPECIALIZATION

Systematics, demography, and geographic variation of birds

EDUCATIONAL EXPERIENCE

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*

PREVIOUS 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 (2003-2008)

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.

SPECIAL RECOGNITION/AWARDS

Fellow, AOU, 1987

Elective Member, AOU, 1982

Tau Beta Pi, 1970