

Reed Bowman, Associate Research Biologist

B.S., State University of New York, 1980

M.S., McGill University, 1985

Ph.D., University of South Florida, 1992

Research Grants and Contracts

United States Fish and Wildlife Service. (2009-2010). Statewide assessment of Florida Scrub-Jay populations on managed areas. \$24,695 (co-PI with R. K. Boughton).

Florida Fish and Wildlife Conservation Commission. (2009-2010). Statewide assessment of Florida Scrub-Jay populations on managed areas. \$8,650 (co-PI with R. K. Boughton).

Morris Animal Foundation (2009-2011). Land use change, population declines, and disease co-escalate extinction risk of Florida Scrub-Jays. Fellowship Grant to RKB, \$100,000 (co-PI with Raoul K. Boughton).

National Science Foundation (2008-2009). Episodic disease and host population dynamics: Immediate response to emerging epidemic in a well-studied organism. SGER Grant \$50,000 (PI with J.W. Fitzpatrick, A. Clark, and R. Boughton)

Department of Defense (2006-2011). Demography and trends of populations of Florida scrub-jay, red-cockaded woodpecker, and Florida grasshopper sparrows at Avon Park Air Force Range. \$1,725,999. PI.

United States Fish and Wildlife Service (2005-2006). Assessing the impacts of hurricanes to the Florida Scrub-Jay. \$45,000. PI.

United Fish and Wildlife Service (2005-2006). Assessing sources of variation in Florida Grasshopper Sparrow distribution and habitat at three core populations. \$84,600. (With J. Tucker).

United States Fish and Wildlife Service (2004-2005). An internet-based citizen-science monitoring program for Florida scrub-jays throughout their range. \$114,924.

National Science Foundation (2004-2007). Interactive effects of stress and nutrition on reproduction in birds. \$425,923. (With S. J. Schoech).

National Science Foundation (2003-2006). Unifying models of gene flow in a well-studied vertebrate. \$540,000. (With J. W. Fitzpatrick, I. J. Lovette, and R. Nielsen).

Florida Department of Agriculture, Division of Forestry (2003-2005). Banding of Florida scrub-jay families on Lake Wales Ridge State Forest. \$45,000/yr

National Science Foundation (2000-2003). Timing of reproduction in birds: nutrition - endocrine interactions. \$270,000. (With S. J. Schoech).

National Science Foundation (2000-2001). Field Stations and Marine Labs: Classroom and laboratory improvements for Archbold Biological Station. \$125,848. (With H. Swain, P. Bohlen, E. Menges).

Department of Defense (1999-2005). Demography and management of Florida scrub-jay, red-cockaded woodpecker, and Florida grasshopper sparrow populations at Avon Park Air Force Range. \$220,00/yr.

Department of Defense. (1998-1999). Demography of Florida scrub-jays at Avon Park Air Force Range. \$49,500.

Department of Defense. (1998-1999). Demography of red-cockaded woodpeckers at Avon Park Air Force Range. \$74,500.

United States Fish and Wildlife Service (1998-2002). Maintaining a spatially-explicit database of the distribution of Florida scrub-jays and their habitat. \$10,000/yr.

United States Fish and Wildlife Service (1997-2000). Forays and movements patterns of non-breeding Florida scrub-jays in a heterogenous landscape. \$128,000.

United States Fish and Wildlife Service (1997-1998). Banding Florida scrub-jays in Highlands Co., FL. \$5,000.

The Nature Conservancy. (1996-1998). Status and distribution of the Florida scrub-jay at Cape Canaveral Air Station. \$89,000/yr.

Department of Defense (1993-95, 1996-99). The influence of habitat fragmentation, habitat quality, and multiple resource management on the demography of Florida scrub jays at Avon Park Air Force Range. \$250,000, \$210,000.

Department of Defense (1993-95, 1996-99). Population dynamics of a small, isolated red-cockaded woodpecker population at the Avon Park Air Force Range. \$350,000, \$290,000.

Florida Game and Fresh Water Fish Commission (1995-97). Contributions of suburban jay populations to the metapopulation dynamics of the Florida scrub jay (*Aphelocoma coerulescens*). \$62,775.

USFWS, Department of Defense, and Florida Game and Fresh Water Fish Commission (1995). Genetic variation and population structure of red-cockaded woodpeckers across an ecological gradient in south Florida. \$10,000. (with S. Haig)

Department of Defense (1994). A GIS-based analysis of Florida scrub jay habitat and demographics at the Avon Park Air Force Range. \$24,900. (with B. Stith)

The Nature Conservancy (1992). Measurement of Florida scrub jay habitat at Avon Park Air Force Range using image processing techniques. \$30,000, (with B. Stith).

The Nature Conservancy (1992). Florida scrub-jay habitat and population analysis at Avon Park Air Force Range. \$50,000.

United States Fish and Wildlife Service (1992-94). Demographic effects of suburbanization and habitat fragmentation on Florida scrub-jay (*Aphelocoma coerulescens coerulescens*) populations. \$75,000, (with J. W. Fitzpatrick).

Department of Defense, Avon Park Air Force Range (1991). Survey of endangered species: Florida scrub-jay and red-cockaded woodpecker. \$25,000, (with J. W. Fitzpatrick).

Frank M. Chapman Memorial Fund, American Museum of Natural History (1987). Asynchronous hatching and brood reduction in White-crowned Pigeons. \$500.

Frank M. Chapman Memorial Fund, American Museum of Natural History (1984). Ecological correlates of mate replacement in American Kestrels. \$550.

Kelly Memorial Research Grant, Prov. of Quebec Soc. for Protection of Birds (1984). Mate replacement in American Kestrels. \$750.

Summer Graduate Research Grant, McGill University (1983, 1984). Mate replacement in American Kestrels. \$3,000.