

Southeast Region

Susan P. Bratton, NPS research scientist and adjunct research biologist in the University of Georgia Institute of Ecology, is the recipient of the first certificate in environmental ethics ever awarded at the University of Georgia. Bratton, who is a cooperative unit coordinator with NPS and has worked for the Service for 10 years, holds a bachelor's degree in biology from Barnard College at Columbia University, a master's degree in religion from the University of Georgia, and a doctorate in ecology from Cornell University.

The certificate was given by the recently established faculty of environmental ethics, formed at the university to encourage contacts between faculty and students in the biological sciences and the humanities and social sciences. The environmental ethics program focuses on value issues as they relate to the natural environment.

Bratton has taught environmental ethics at the Ausable Environmental Institute in Mancelona, Mich., and has published two articles in the professional journal *Environmental Ethics*.

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Florida Power and Light Co. (FP&L) has agreed to spend \$200,000 over the next three years for air quality research in NPS areas of South Florida. The work began in November 1984, under a Memorandum of Understanding. John Morehead, Everglades NP Superintendent, said, "It seems almost an anti-climax after all the work that has gone into it."

The idea was broached more than a year ago, when FP&L approached Jim Bennett, NPS ecologist with the Air Quality Division in Denver, about the possibility of FP&L funding joint research. Subsequent discussions and negotiations culminated in the agreement. Under its terms, NPS also is committing \$230,000 for a total of eight projects. The work will be accomplished through Air Quality contracts with recognized research units and will include studies of slash pines, epiphytes (including lichens, mosses, orchids, and bromeliads) and climatology in Big Cypress National Preserve and Everglades and Biscayne National Parks.

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From Ted Simons, research biologist at Gulf Islands National Seashore, comes the following list of citations for his recently published work on the Hawaiian Dark-rumped Petrel. In addition, Simons has a summary article on his Petrel research at Haleakala NP slated for a forthcoming issue of *Park Science*.

Simons, T.R. 1983. Biology and conservation of the endangered Hawaiian Dark-rumped Petrel (*Pterodroma phaeopygia sandwichensis*). National Park Service, Cooperative Park Studies Unit, College of Forest Resources, University of Washington, Seattle, Washington. CPSU-UW 83-2. 311 p.

Simons, T.R. 1984. A population model of the endangered Hawaiian Dark-rumped Petrel. J. Wildl. Manage. 48: 1065-1076.

Simons, T.R. 1985. Biology and behavior of the endangered Hawaiian Dark-rumped Petrel. Condor 87: 229-245.

Simons, T.R. and G.C. Whittow. 1984. Energetics of growth in the Dark-rumped Petrel. Chapter 8 *in*: Seabird Energetics. G.C. Whittow, ed., Plenum, New York.

Whittow, G.C., T.R. Simons, and T.N. Pettit. 1984. Water loss from the eggs of a tropical seabird (*Pterodroma phaeopygia*) at high altitude. Comp. Biochem. and Physio. 78: 537-540.