RONALD C. ROZAR

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Education

Doctor of Philosophy in Biology
University of Miami, Miami, Florida USA
GPA 4.0/4.0
Expected Graduation Date: May 2007

Bachelor of Science in Zoology, August 1999
University of Florida, Gainesville, Florida USA
Minors in Anthropology and African Studies
GPA 3.0/4.0
Summer 1999: Studied Tropical Herpetology at the La Suerte Biological Research Station, Costa Rica
Fall 1997: Studied Biology at the University of Dar-es-Salaam, Tanzania

Associate of Science in Electro-Mechanical Engineering, May 1990
Owens Technical College, Toledo, Ohio USA
GPA 3.4/4.0

Experience

Teaching Assistant — August 2002 to present
University of Miami — Miami, Florida USA
Provided instruction to undergraduate students in Evolution and Biodiversity, as well as Introductory Biology. Ran laboratories in which students performed experiments in the aforementioned areas of concentration. Assisted students in improving their scientific writing abilities. Developed tests to evaluate student progress.

Biologists II — June 2001 to July 2002
Johnson Controls — Fort Collins, Colorado USA
Participated in the United States Geological Survey's Brown Treesnake Project in Guam, Mariana Islands. Conducted demographic and maximum growth rate studies on venomous brown treesnakes. Determined relative abundance of snake and prey populations. Initiated bioelectrical impedance analysis study to quantify fat storage in free-ranging snakes and lizards. Participated in a pilot study of microhabitat use of brown treesnakes using radiotelemetry. Assisted US Fish and Wildlife Service personnel with the surgical implantation of radiotransmitters into snakes for distribution to various agencies for training purposes. Dissected snakes to examine stomach contents and reproductive condition. Maintained captive brown treesnake collection and mouse colony. Performed data entry and equipment maintenance.

Assistant Regional Nongame Biologist — February 2001 to June 2001
Florida Fish and Wildlife Conservation Commission — Panama City, Florida USA
Provided technical assistance to Commission staff, various State and Federal agencies, ecological consultants, and the general public regarding nongame wildlife management, nuisance wildlife abatement, and habitat restoration or protection methodologies. Reviewed and processed nongame wildlife permit applications. Performed amphibian and bird population surveys. Operated boats, personal watercraft, and all-terrain vehicles. Responsible for database management, equipment maintenance, and various administrative and clerical duties.

Wildlife Technician March 2000 to January 2001
Florida Fish and Wildlife Conservation Commission Fellsmere, Florida USA
Participated in year-round study of habitat selection and survivorship of the Florida mottled duck. Trapped ducks, assisted in the surgical implantation of radiotransmitters, and monitored location and life status of individuals using hand-held, truck-mounted, and aerial radiotelemetry equipment. Determined Robel density of vegetation surrounding nest sites. Operated amphibious vehicle. Maintained captive ducks. Additional duties included database management, equipment maintenance, and extensive public interaction.

Zookeeper October 1999 to February 2000
Dallas Zoological Gardens Dallas, Texas USA
Responsible for the captive husbandry of small to medium mammals and reptiles. Presented information on animal natural history and captive maintenance to the general public. Provided opportunities for direct public-animal interactions. Trained school children participating in the Junior Zookeeper Program in the art of animal husbandry.

Accomplishments

Performed a herpetological survey of the Cedar Keys National Wildlife Refuge (Florida, USA) and generated a historical herpetological profile of the Refuge from museum records with particular attention given to the movement of mainland species to the islands of the Refuge.

Examined the viability of polyvinyl chloride (PVC) pipe arrays as a sampling technique for tropical Hylid frogs in Costa Rica. A lack of differential between internal pipe humidity and ambient humidity in tropical wet forests, and an abundance of natural refugia were attributed to the lack of success observed with this technique (relative to success rates in temperate climates). This technique could be useful though if used in conjunction with other sampling techniques. PVC pipe use was positively correlated with daily precipitation.

Responsible for more than ten percent of the data entry for the Florida Museum of Natural History's herpetological database.

Have been issued a Venomous Reptile License by the Florida Fish and Wildlife Conservation Commission. This license requires 1000 hours of documented handling experience per snake family. I am licensed to maintain members of the families Viperidae, Crotalidae, Elapidae, and Colubridae.

Certified by the University of Miami's Animal Care and Use Committee to maintain and use animals for scientific research.

Affiliations

The Society for the Study of Amphibians and Reptiles, member since 1990
The Northern Ohio Association of Herpetologists, member since 1990
The Herpetological Association of Africa, member since 1998
The Societas Europea Herpetologica, member since 2001