

Robert K. Bonde

Biologist

USGS -Florida Caribbean Science Center
Sirenia Project
412 NE 16th Avenue, Room 250
Gainesville, FL 32601-3701
Phone: 352-372-2571
Fax: 352-374-8080
E-mail: robert_bonde@usgs.gov



EDUCATION AND TRAINING

1977 Ct.E.S., California State University, Long Beach, California, Environmental Studies
1977 B.A., California State University, Long Beach, California, History
1974 A.A., Los Angeles Harbor College, Wilmington, California
DOI Motorboat Operator Certification Course
DOI/OAS Basic Aviation Safety Course
American Red Cross Adult, Infant and Child CPR / American Red Cross First Aid and Safety

AREAS OF SPECIALIZATION / PROFESSIONAL INTERESTS

Current interests include anatomy and necropsy of marine mammals, captive aquatic mammal re-introductions and post-release monitoring, radio telemetry, life history and reproductive studies of manatees, genetics and biomedical assessment, and international distribution of manatees.

PROFESSIONAL EXPERIENCE

1999 – present **Biologist**, U.S. Geological Survey-BRD, Florida Caribbean Science Center
1978 – 1999 **Biological Science Technician**, U.S. Geological Survey, BRD, Florida Caribbean Science Center/National Biological Survey/U.S. Fish and Wildlife Service, Gainesville, FL
1976 – 1978 **Osteological Preparator**, Los Angeles County Museum, Mammalogy Section
1973 – 1978 **Museum Assistant**, City of Los Angeles, Cabrillo Marine Museum

PROFESSIONAL ACTIVITIES AND MEMBERSHIPS (Current)

IUCN, Re-introduction Specialist Group, Aquatic Mammal Chairman, 1996 - Present
Society of Marine Mammalogy: Charter member, 1983 - Present; Biennial Conference Committee, 1995;
Candidate Selection/Nomination Committee, 1995 - Present

HONORS AND AWARDS

Quality Performance/Special Achievement Awards: 1980, 1983, 1988, 1991, 1992, 1993, 1995;
Merit Increase Awards: 1980, 1982, 1983, 1985, 1988, 1989, 1990, 1992, 1993, 1994, 1995, 1997, 2000.

CONTRACTS AND GRANTS

National Marine Fisheries Service, 1995 - Present, necropsy research, and travel assistance, \$4,000;
Wildlife Preservation Trust International, 1997 - Present, international travel grants, and research, \$8,000;
Save the Manatee Club, 1997 - Present, research in Jamaica, \$5,000; Columbus Zoo, 1998 - 1999, genetic research grants, \$12,000; Columbus Zoo, 1999, in-kind travel grant, \$3,000; World Wildlife Fund, 2000, travel grant, \$2,000

SELECTED PUBLICATIONS

- Eros, C., H. Marsh, **R. Bonde**, C. Beck, T. O'Shea, C. Recchia and K. Dobbs. 2000. Procedures for the salvage and necropsy of the dugong (*Dugong dugon*). Research Publication No. 64, Great Barrier Reef Marine Park Authority, Townsville, Australia. 74 pp.
- Carr, T. and **R. K. Bonde**. 2000. Tucuxi (*Sotalia fluviatilis*) occurs in Nicaragua, 800 km north of its previously known range. *Marine Mammal Science* 16(2):447-452.
- Mignucci-Giannoni A. A., R. A. Montoya-Ospina, N. M. Jimenez-Marrero, M. A. Rodriguez-Lopez, E. H. Williams and **R. K. Bonde**. 1999. Manatee mortality in Puerto Rico. *Environmental Management* 25(2):189-198.
- Garcia-Rodriguez, A. I., B. W. Bowen, D. P. Domning, A. A. Mignucci-Giannoni, M. Marmontel, R. A. Montoya-Ospina, B. Morales-Vela, M. Rudin, **R. K. Bonde** and P. M. McGuire. 1998. Phylogeography of the West Indian manatee (*Trichechus manatus*): How many populations and how many taxa? *Molecular Ecology* 7:1137-1149.
- Deutsch, C. J., **R. K. Bonde** and J. P. Reid. 1998. Radio-tracking manatees from land and space: tag design, implementation, and lessons learned from long-term study. *Marine Technical Society Journal* 32:18-29.
- Wright, S. D., B. B. Ackerman, **R. K. Bonde**, C. A. Beck and D. J. Banowetz. 1995. Analysis of watercraft related mortality of manatees in Florida, 1979-1991. Pages 259-268 in O'Shea, T. J., B. B. Ackerman and H. F. Percival, eds., *Population Biology of the Florida Manatee (*Trichechus manatus latirostris*)*. National Biological Service, Information Technology Report 1. 289 pp.
- Reid, J. P., **R. K. Bonde** and T. J. O'Shea. 1995. Reproduction, mortality, tag loss of telemetered and recognizable individual manatees on the Atlantic coast of Florida. Pages 171-191 in O'Shea, T. J., B. B. Ackerman and H. F. Percival, eds., *Population Biology of the Florida Manatee (*Trichechus manatus latirostris*)*. National Biological Service, Information Technology Report 1. 289 pp.
- Rathbun, G. B., J. P. Reid, **R. K. Bonde** and J. A. Powell. 1995. Reproduction in free-ranging West Indian manatees (*Trichechus manatus*). Pages 135-156 in O'Shea, T. J., B. B. Ackerman and H. F. Percival, eds., *Population Biology of the Florida Manatee (*Trichechus manatus latirostris*)*. National Biological Service, Information Technology Report 1. 289 pp.
- Ackerman, B. B., S. D. Wright, **R. K. Bonde**, D. K. Odell and D. J. Banowetz. 1995. Trends and patterns in manatee mortality in Florida, 1974-1991. Pages 223-258 in O'Shea, T. J., B. B. Ackerman, and H. F. Percival, eds., *Population Biology of the Florida Manatee (*Trichechus manatus latirostris*)*. National Biological Service, Information Technology Report 1. 289 pp.
- Bonde, R. K.** 1993. Manatees in peril: A personal perspective. *Whalewatcher* 27(1):16-18.
- O'Shea, T. J., G. B. Rathbun, **R. K. Bonde**, C. D. Buergelet and D. K. Odell. 1991. An epizootic of Florida manatees associated with a dinoflagellate bloom. *Marine Mammal Science* 7(2):165-179.
- Bonde, R. K.** and C. A. Beck. 1990. How the Florida manatees fare today. *Whalewatcher* 24(1):8-9.
- Mou, L., D. H. Chen, R. K. Bonde and T. J. O'Shea. 1990. Distribution and status of manatees (*Trichechus manatus*) in Panama. *Marine Mammal Science* 6(3):234-241.
- Bonde, R. K.** and T. J. O'Shea. 1989. Sowerby's beaked whale (*Mesoplodon bidens*) in the Gulf of Mexico. *Journal of Mammalogy* 70(2):447-449.
- Watson, A. G. and **R. K. Bonde**. 1986. Congenital malformations of the flipper in three West Indian manatees (*Trichechus manatus*), and a proposed mechanism for development of ectrodactyly and cleft hand in mammals. *Clinical Orthopaedics* 202:294-301.