

Lynn W. Lefebvre

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EDUCATION

1982 Ph.D., University of Florida, Zoology
1973 M.S., University of Massachusetts, Wildlife Management
1971 B.A.A.S., University of Delaware, Biology

AREAS OF SPECIALIZATION

Population biology, manatee biogeography and ecology, submerged aquatic vegetation assessment, conservation ecology, and recovery planning

PROFESSIONAL EXPERIENCE

1996 - present Project Leader/Supervisory Wildlife Biologist, U.S. Geological Survey-BRD, Florida Caribbean Science Center, Sirenia Project, Gainesville, FL
1973 - 1996 Wildlife Biologist/Supervisory Wildlife Biologist, U.S. Fish and Wildlife Service/National Biological Service

PROFESSIONAL ACTIVITIES AND MEMBERSHIPS (Current)

Member: The Wildlife Society; Society for Marine Mammalogy; Society for Conservation Biology; Estuarine Research Federation; Southeast Estuarine Research Society; Sigma Xi.

Committee Assignments: Member of local organizing, student awards, or technical session committees for meetings of the American Society of Mammalogists, Society for Marine Mammalogy, Florida Committee on Rare and Endangered Plants and Animals, the Florida Chapter of the Wildlife Society, and the North American Wildlife and Natural Resources Conference. Florida Manatee Recovery Team member in 1988-89, 1994-95, and 1999-2000. Served on a Research Grade Evaluation (RGE) Panel in October 1995; Chair of a RGE Panel in July 1999. Chair of the Manatee Population Status Working Group since 1998.

HONORS AND AWARDS

Beta Beta Beta, Biological Honor Society, U. of Delaware; Research Fellowship, Massachusetts CWRU, 1972; Outstanding Performance Citation, April 1, 1976 - March 31, 1977; Quality Performance Award, June 3, 1977; Special Achievement Award, October 2, 1992; Merit Increase Award, November 1, 1993; Special Act Service Award, December 1997.

CONTRACTS AND GRANTS

Intra-agency agreement with U.S. Fish and Wildlife Service \$152,000 annually, 1994-1999 and \$62,500, 2000; Resource Partnership Program \$8,000, 2000; National Biological Information Infrastructure, \$65,000, 1998; Florida Department of Environmental Protection, \$27,280, 1997.

ACADEMIC AFFILIATIONS

Courtesy Assistant Professor with the Department of Wildlife Ecology and Conservation, University of Florida. Chaired 2 M.S. committees and served on 2 Ph.D. and 1 M.S. committee since 1987. Give invited lectures and seminars. Provide volunteer opportunities for students.

SELECTED PUBLICATIONS

Lefebvre, L.W., J.P. Reid, W.J. Kenworthy, and J.A. Powell. 2000. Characterizing manatee habitat use and seagrass grazing in Florida and Puerto Rico: implications for conservation and management. *Pacific Conservation Biology* 5(4):289-298.

Buckingham, C.A., **L.W. Lefebvre**, J.M. Schaefer, and H.I. Kochman. 1999. Manatee response to boating activity in a thermal refuge. *Wildlife Society Bulletin* 27(2):514-522.

Miller, K.E., B.B. Ackerman, **L.W. Lefebvre**, and K. Clifton. 1998. Evaluating strip-transect aerial survey methods to determine manatee population trends. *Wildlife Society Bulletin* 26(3):561-570.

Lefebvre, L.W., and T.J. O'Shea. 1995. Florida manatees. Pp. 267-269 in Laroe, E.T., G.S. Farris, C.E. Puckett, P.D. Doran, and M.J. Mac, eds., *Our Living Resources: a report to the nation on the distribution, abundance, and health of U.S. plants, animals, and ecosystems*. U.S. Department of the Interior, National Biological Service, Washington, D.C. 530 pp.

Lefebvre, L.W., B.A. Ackerman, K.M. Portier, and K.H. Pollock. 1995. Aerial survey as a technique for estimating manatee population size and trend - problems and prospects. Pp. 63-74 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 and Technology Report 1. 289pp.

Marsh, H., and **L.W. Lefebvre**. 1994. Sirenian status and conservation efforts. *Aquatic Mammals* 20(3):155-170.

Lefebvre, L.W., and J.T. Tilmant. 1992. Round-tailed muskrat, *Neofiber alleni*. Pp. 276-286 in *Rare and Endangered Biota of Florida, Second Edition, Vol. One: Mammals*, S.R. Humphrey, ed. University Press of Florida, Gainesville, FL. 392 pp.

Lefebvre, L.W., and H.I. Kochman. 1991. An evaluation of aerial survey replicate count methodology to determine trends in manatee abundance. *Wildlife Society Bulletin*. 19:298-309.

Montague, C.L., **L.W. Lefebvre**, D.G. Decker, and N.R. Holler. 1990. Simulation of cotton rat population dynamics and response to rodenticide applications in Florida sugarcane. *Ecol. Model.* 50:177-203.

Lefebvre, L.W. and **J.A. Powell**. 1990. Manatee grazing impacts on seagrasses in Hobe Sound and Jupiter Sound in southeast Florida during the winter of 1988-1989. National Technical Information Service, #PB90-271883, Springfield, VA. 36 pp.

Lefebvre, L.W., T.J. O'Shea, G.B. Rathbun, and R.C. Best. 1989. Distribution, status, and biogeography of the West Indian manatee. Pp. 567-610 in *Biogeography of the West Indies, Past, Present, and Future*, C.A. Woods, eds. Sandhill Crane Press, Inc. Gainesville, FL. 878 pp.

Lefebvre, L.W., C.R. Ingram, and M.C. Yang. 1978. Assessment of rat damage to Florida sugarcane in 1975. *Proc. Amer. Soc. Sugar Cane Technol.* 7:75-80.