

Resume

Rodney A. Rountree

Ichthyologist

EDUCATION

Ph.D., Ecology and Evolution, Rutgers, the State University of New Jersey, 1992

M.S., Marine Biology, College of Charleston, Charleston Higher Education Consortium, Charleston, South Carolina, 1987

B.S. (with Honors), Marine Biology, University of North Carolina at Wilmington, 1983

EXPERIENCE OVERVIEW

Has managed multidisciplinary estuarine and fisheries programs for NMFS and UMASS. Recognized international leader in the development of passive acoustic technology applications to fisheries. Ten years experience in the trophic dynamics of Northwest Atlantic fishes, including two years as Chief of the Food Chain Dynamics Investigation of the Northeast Fisheries Science Center in Woods Hole (NOAA/NMFS).

Dr. Rountree has been involved in all phases of planning, implementation and management of large-scale research operations on the food habits of commercial marine finfishes, estuarine ecosystem studies, and cooperative fisheries studies. He has published on predator-prey relationships, and specifically on feeding habits of summer flounder, smooth dogfish, and Atlantic wolffish. Dr. Rountree is also experienced in essential fish habitat issues in the MAB and Southern New England regions and has contributed significant publications to the subject. Research activities are documented on his web site: <http://www.fishecology.org>.

SELECTED RELEVANT EXPERIENCE

Senior Ecologist, Marine Ecology and Technology Applications, Inc. Oversees development of new technologies and their applications to marine conservation and fisheries. November 2005-present

Adjunct Assistant Professor, Graduate Faculty Status, Department of Natural Resources and Conservation, School of Food and Natural Resources, University of Massachusetts at Amherst. Sept. 1, 1995 - present.

Research Associate and Program Manager for the Fisheries Observation Program at the School for Marine Science and Technology, UMass Dartmouth. The program involved extensive collaboration with the New Bedford and other New England commercial fishing fleets. November 2002 – 2005.

Acting Chief, Food Chain Dynamics Investigation, Woods Hole Laboratory, Northeast Fishery Science Center, NOAA, NMFS, Woods Hole, Massachusetts. Maintained an annual budget of over 400 K and was responsible for supervising research activities of 9 staff (GS-05 to GS-12) interested in determining food web structure on the northeast continental shelf. November 1995-November 1997.

SELECTED PUBLICATIONS

Rountree, R.A. 2002. Wolffishes. Family Anarhichadidae. Pages 485-496. In: Collette, B.B., and G. Klein-MacPhee. (eds.). Bigelow and Schroeder's Fishes of the Gulf of Maine. 3rd Edition. Smithsonian Institution Press, Washington, D.C. 748 p.

Groger, J.P., R.A. Rountree, U.H. Thygesen, D. Jones, D. Martins, Q. Xu and B. Rothschild. 2007. Geolocation of Atlantic cod, *Gadus morhua*, movements in the Gulf of Maine using tidal information. Fisheries Oceanography

MacDonald, D., and R.A. Rountree. (Editors). 2006. Natural and Anthropogenic Influences on the Mt. Hope Bay Ecosystem. Northeast Naturalist 13(special issue 4).

Rountree, R.A., G.R. Gilmore, C. Goudey, T. Hawkins, J. Luczkovich, and D. Mann. 2006. Listening to Fish: Applications of Passive Acoustics to Fisheries Science. Fisheries 31(9):433-446.

Rountree, R.A., and K.W. Able. 2007. Spatial and temporal habitat use patterns for salt marsh nekton: implications for functions. Aquatic Ecology 41:25-45.
