**MICHAEL MOORE**

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**EXPERIENCE**

1991 to present Director Marine Mammal Center (2011 to present), Senior Research Specialist (2006 to present), Research Specialist (1995 to 2006), Visiting Investigator (1993 to 1995), Postdoctoral Investigator, (1991 to 1993): Biology Department, Woods Hole Oceanographic Institution.

1998 to present Program Director (1998 to 2000), Veterinarian (2001 to 2005), Cape Cod Stranding Network. Now International Fund for Animal Welfare, Marine Mammal Rescue Research (2005 to present).

1997 to 2006 Lecturer, Boston University Marine Program.

1985 to 1986 Veterinarian, Laboratory for Marine Animal Health (Marine Biological Laboratory), Dept. Avian & Aquatic Animal Medicine, N.Y.S. College Veterinary Medicine.

1983 to 1985 Associate Veterinarian, 1983 to 1985, Bulger Animal Hospital, N. Andover, MA Veterinarian.

1983 International Whaling Commission, Hvalfjordur, Iceland.

1979 to 1980 Assistant Scientist, Ocean Research and Education Society (r/v Regina Maris).

1979 to 1982 Field Research Assistant, Zoology Department, Cambridge University, England.

**EDUCATION**

1986 to 1991 PhD WHOI/MIT Joint Program in Biological Oceanography.

1979 to 1983 Vet MB Department of Clinical Veterinary Medicine, University of Cambridge, England.

1975 to 1979 B.A. Pembroke College, University of Cambridge, England.

**ACADEMIC AND PROFESSIONAL HONORS**

1. Outstanding Service Award, Cape Cod Stranding Network.

1983 Sismey Prize in Medicine & Surgery.

1981 Glaxovet Parasitology Prize.

1977 University of Cambridge, Foundation Scholar.

1976 Foundress Memorial Prize, Pembroke College, University of Cambridge.

1975 Exhibition - Pembroke College, University of Cambridge.

**LICENSURE**

 National: Certified A.V.M.A. Educational Commission for Foreign Veterinary Graduates.

 State Veterinary License: Massachusetts.

 DEA and Comm. Mass. Controlled Substance Registration.

 Northeast Region, National Marine Fisheries Service Authorization to maintain tissue parts from stranded marine mammals.

 NOAA Office Protected Species and US Fish and Wildlife Service Permits to import and Export Marine Mammal parts.

**COURSES TAUGHT**

 WHOI/MIT Joint PhD Program in Biological Oceanography

 Fall 1999 – Topics in Behavior - Marine Mammal Anatomy

 Spring 2003 – Topics in Behavior – Comparative Anatomy of Air-Breathing Marine Vertebrates

 Spring 2004 – Marine Mammal Toxicology

 Boston University Marine Program

 Oct 1997 - Marine Mammals – Anatomy section

 Oct 1998 - Marine Mammals – Anatomy section

 Feb 1999 – Marine Mammal Anatomy

 U Penn/ Cornell Aquavet Program

 1989 to 1999 Lectures in Marine Ecotoxicology

**GRADUATE STUDENTS**

 WHOI/MIT Joint PhD Program in Biological Oceanography

 Regina Campbell-Malone – 2001 to 2007 - PhD -advisor.

 Julie van der Hoop 2011 to present

 Boston University Marine Program

 Nadine Lysiak 2003 to 2008 – PhD – joint advisor

 Carolyn Miller 1998 to 2005 - PhD - advisor

 Melinda Sweeny 2000 to 2003 – MA – advisor

 Stefani Valentini 1997 to 1998 – MA – advisor

 University of Massachusetts Dartmouth

 Michael Morss 1996 to 1998 – MA - joint advisor

 College of the Atlantic

 Colby Moore – MA – Joint Advisor

**MAJOR CRUISES**

 Winter flounder survey for Massachusetts Water Resources Authority – annual April cruise, 1990 to present (Chief Scientist)

 Large whale survey and biopsy – RV Abel J. Falkland Islands to South Georgia 4 weeks Jan Feb 1997 (Chief Scientist)

 Right whale body condition surveys – Bay of Fundy – August 1995 to 2002 (Chief Scientist)

 North Atlantic historic right whaling habitat survey 15 months, 18,000 miles, 2001/2002 (Skipper)

 Survey of Basque whaling sites in Labrador Straits July 2004 and Lower N Shore Quebec July 2005 (Skipper)

 Acoustic behavioral studies Bay of Fundy August 2004 (Skipper)

 Sperm whale physiology – RV Alucia, Kaikoura New Zealand, March 2013 (Chief scientist).

**NECROPSIES UNDERTAKEN**

 39 right whales, 12 humpback whales, 6 minke whales, 1 fin whale, 1 blue whale, 1 sperm whale, and numerous smaller species. With substantial local student involvement (NC to Quebec).

**SOCIETY MEMBERSHIP**

 Society for Marine Mammalogy

 American Veterinary Medical Association

**COMMITTEE/ PANEL/ TASKFORCE MEMBERSHIP**

 WHOI Staff Committee 2006 to 2008

 WHOI Institutional Animal Care and Use Committee Veterinarian 1987 to present

 WHOI Sea Water Users Committee 1988 to present

 WHOI Information Systems Council 1995 to 1997

 Barnstable County MMR Scientific Advisory Panel 1996 to 1997

 Mass Water Resources Authority Outfall Monitoring Taskforce 1992 to 1993

 Various regional panel discussions on MWRA issues 1993 to 1995

 National Institute of Environmental Health Sciences Site Review Team 6/98, 6/03

 Island Foundation Inc: Corporator 1984 to present. President 2003 to 2007

 Sippican Lands Trust: Trustee 1993 to 2003

 Right Whale Consortium – Board Member 1999 to present,

 Vice President 2002 to 2004, President 2004 to 2007

 NOAA Right whale/fishery gear interaction workshops

 Annual presentations to MWRA Science Review meetings 1992 to present.

 MWRA Outfall Monitoring Science Assessment Panel – Periodically in past decade

 New Bedford Whaling Museum – Trustee 2005 to present.

 South Georgia Heritage Trust Trustee 2005 to present

 Atlantic Scientific Review Group – (2012 to present)

 Working Group Unusual Marine Mammal Mortality Events Chair Elect

 (2012 to Present),

JOURNAL REVIEW

 Diseases of Aquatic Organisms (Aquatic Mammals Subject Editor), Marine Pollution Bulletin, ICES Journal of Marine Science, Marine Environmental Research, Aquatic Toxicology, Science, Nature, Marine Mammal Science, J Mammalogy, J Cetacean Research and Management, Endangered Species Research, Science Asia.

**Publications (96 total)**

**2014**

1. van der Hoop, J., M. Moore, A. Fahlman, A. Bocconcelli, C. George, K. Jackson, C. Miller, D. Morin, T. Pitchford, T. Rowles, J. Smith, and B. Zoodsma, *Behavioral impacts of disentanglement of a right whale under sedation and the energetic cost of entanglement.* Marine Mammal Science, 2014. **30**(1): p. 282-307.

2. Sharp, S.M., J.S. Knoll, M.J. Moore, K.M. Moore, C.T. Harry, J.M. Hoppe, M.E. Niemeyer, I. Robinson, K.S. Rose, W. Brian Sharp, and D. Rotstein, *Hematological, biochemical, and morphological parameters as prognostic indicators for stranded common dolphins (Delphinus delphis) from Cape Cod, Massachusetts, U.S.A.* Marine Mammal Science, 2014. **30**(3): p. 864-887.

3. Nousek-McGregor, A.E., C.A. Miller, M.J. Moore, and D.P. Nowacek, *Effects of body condition on buoyancy in endangered North Atlantic right whales.* Physiological and Biochemical Zoology, 2014. **87**(1): p. 160-71.

4. Moore, M.J., *How we all kill whales.* ICES Journal of Marine Science: Journal du Conseil, 2014. **doi: 10.1093/icesjms/fsu008**.

5. Moore, C.D., D.E. Crocker, A. Fahlman, M.J. Moore, D.S. Willoughby, K.A. Robbins, S.B. Kanatous, and S.J. Trumble, *Ontogenetic changes in skeletal muscle fiber type, fiber diameter and myoglobin concentration in the Northern elephant seal (Mirounga angustirostris).* Frontiers in Physiology, 2014. **5**: p. 217.

6. Harms, C.A., W.A. McLellan, M.J. Moore, S.G. Barco, E.O. Clarke, 3rd, V.G. Thayer, and T.K. Rowles, *Low-residue euthanasia of stranded mysticetes.* Journal of Wildlife Diseases, 2014. **50**(1): p. 63-73.

7. Barratclough, A., P.D. Jepson, P.K. Hamilton, C.A. Miller, K. Wilson, and M.J. Moore, *How much does a swimming, underweight, entangled right whale (Eubalaena glacialis) weigh? Calculating the weight at sea, to facilitate accurate dosing of sedatives to enable disentanglement.* Marine Mammal Science, 2014: p. n/a-n/a.

**2013**

8. Apprill, A., J. Robbins, A.M. Eren, A.A. Pack, J. Reveillaud, D. Mattila, M. Moore, M. Niemeyer, K.M.T. Moore, and T.J. Mincer, *Humpback whale populations share a core skin bacterial community: Towards a health index for marine mammals?* PLoS ONE, 2014. **9**(3): p. e90785.

9. Alex Shorter, K., M.M. Murray, M. Johnson, M. Moore, and L.E. Howle, *Drag of suction cup tags on swimming animals: Modeling and measurement.* Marine Mammal Science, 2014. **30**(2): p. 726-746.

10. Van Der Hoop, J.M., M.J. Moore, S.G. Barco, T.V.N. Cole, P.-Y. Daoust, A.G. Henry, D.F. McAlpine, W.A. McLellan, T. Wimmer, and A.R. Solow, *Assessment of management to mitigate anthropogenic effects on large whales.* Conservation Biology, 2013. **27**(1): p. 121-133.

11. Taylor, J.K.D., J.W. Mandelman, W.A. McLellan, M.J. Moore, G.B. Skomal, D.S. Rotstein, and S.D. Kraus, *Shark predation on North Atlantic right whales (Eubalaena glacialis) in the southeastern United States calving ground.* Marine Mammal Science, 2013. **29**(1): p. 204-212.

12. Moore, M.J., J. van der Hoop, S.G. Barco, A.M. Costidis, F.M. Gulland, P.D. Jepson, K.T. Moore, S. Raverty, and W.A. McLellan, *Criteria and case definitions for serious injury and death of pinnipeds and cetaceans caused by anthropogenic trauma.* Diseases of Aquatic Organisms, 2013. **103**(3): p. 229-264.

13. Moore, M.J., *Welfare of whales by-caught in fishing gear or struck by vessels.* Animal Welfare, 2013. **22**(1): p. 117-121.

14. Moore, M., R. Andrews, T. Austin, J. Bailey, A. Costidis, C. George, K. Jackson, T. Pitchford, S. Landry, A. Ligon, W. McLellan, D. Morin, J. Smith, D. Rotstein, T. Rowles, C. Slay, and M. Walsh, *Rope trauma, sedation, disentanglement, and monitoring-tag associated lesions in a terminally entangled North Atlantic right whale (Eubalaena glacialis).* Marine Mammal Science, 2013. **29**(2): p. E98-E113.

15. Moore, C., M. Moore, S. Trumble, M. Niemeyer, B. Lentell, W. McLellan, A. Costidis, and A. Fahlman, *A comparative analysis of marine mammal tracheas.* The Journal of Experimental Biology, 2013.

16. Hunt, K.E., M.J. Moore, R.M. Rolland, N.M. Kellar, A.J. Hall, J. Kershaw, S.A. Raverty, C.E. Davis, L.C. Yeates, D.A. Fauquier, T.K. Rowles, and S.D. Kraus, *Overcoming the challenges of studying conservation physiology in large whales: a review of available methods.* Conservation Physiology, 2013. **1**(1).

17. Bernaldo de Quirós, Y., J.S. Seewald, S.P. Sylva, B. Greer, M. Niemeyer, A.L. Bogomolni, and M.J. Moore, *Compositional discrimination of decompression and decomposition gas bubbles in bycaught seals and dolphins.* PLoS ONE, 2013. **8**(12): p. e83994.

**2012**

18. Richardson, J., A.G. Wood, A. Neil, D. Nowacek, and M.J. Moore, *Changes in distribution, relative abundance, and species composition of large whales around South Georgia from opportunistic sightings: 1992 to 2011.* Endangered Species Research, 2012. **19**(2): p. 149-156.

19. Reeves, R., C. Rosa, J.C. George, G. Sheffield, and M. Moore, *Implications of Arctic industrial growth and strategies to mitigate future vessel and fishing gear impacts on bowhead whales.* Marine Policy, 2012. **36**(2): p. 454-462.

20. Moore, M.J. and J.M. van der Hoop, *The painful side of trap and fixed net fisheries: Chronic entanglement of large whales.* Journal of Marine Biology, 2012. **2012**: p. Article ID 230653, 4 pages.

21. Miller, C.A., P.B. Best, W.L. Perryman, M.F. Baumgartner, and M.J. Moore, *Body shape changes associated with reproductive status, nutritive condition and growth in right whales Eubalaena glacialis and E. australis.* Marine Ecology Progress Series, 2012. **459**: p. 135-156.

22. Fortune, S.M.E., A.W. Trites, W.L. Perryman, M.J. Moore, H.M. Pettis, and M.S. Lynn, *Growth and rapid early development of North Atlantic right whales (Eubalaena glacialis).* Journal of Mammalogy, 2012. **93**(5): p. 1342-1354.

23. Dennison, S., A. Fahlman, and M. Moore, *The use of Diagnostic Imaging for Identifying Abnormal Gas Accumulations in Cetaceans and Pinnipeds.* Front Physiol, 2012. **3**: p. 181.

**2011**

24. Moore, M.J., T. Hammar, J. Arruda, S. Cramer, S. Dennison, E. Montie, and A. Fahlman, *Hyperbaric computed tomographic measurement of lung compression in seals and dolphins.* Journal of Experimental Biology, 2011. **214**(Pt 14): p. 2390-7.

25. Miller, C.A., D. Reeb, P.B. Best, A.R. Knowlton, M.W. Brown, and M.J. Moore, *Blubber thickness in right whales Eubalaena glacialis and Eubalaena australis related with reproduction, life history status and prey abundance.* Marine Ecology Progress Series, 2011. **438**: p. 267-283.

26. Hooker, S.K., A. Fahlman, M.J. Moore, N. Aguilar Soto, Y. Bernaldo de Quirós, A.O. Brubakk, D.P. Costa, A.M. Costidis, S. Dennison, K.J. FAlke, A. Fernández, M. Ferrigno, J.R. Fitz-Clarke, M.M. Garner, D.S. Houser, P.D. Jepson, D.R. Ketten, P.H. Kvadsheim, P.T. Madsen, N.W. Pollock, S. Rotstein, T.K. Rowles, S.E. Simmons, W. Van Bonn, P.K. Weathersby, M.J. Weise, T.M. Williams, and P.L. Tyack, *Deadly diving? Physiological and behavioural management of decompression stress in diving mammals.* Proceedings of the Royal Society of London Series B-Biological Sciences, 2011.

27. Fahlman, A., S.H. Loring, M. Ferrigno, C. Moore, G. Early, M. Niemeyer, B. Lentell, F. Wenzel, R. Joy, and M.J. Moore, *Static inflation and deflation pressure-volume curves from excised lungs of marine mammals.* Journal of Experimental Biology, 2011. **214**(Pt 22): p. 3822-8.

28. Dennison, S., M.J. Moore, A. Fahlman, K. Moore, S. Sharp, C.T. Harry, J. Hoppe, M. Niemeyer, B. Lentell, and R.S. Wells, *Bubbles in live-stranded dolphins.* Proceedings of the Royal Society B: Biological Sciences, 2011.

29. Cassoff, R.M., K. Moore, M., W.A. McLellan, S.G. Barco, D.S. Rtostein, and M.J. Moore, *Lethal entanglement in baleen whales.* Diseases of Aquatic Organisms, 2011. **96**: p. 175-185.

**2010**

30. Wilson, J.Y., M.J. Moore, and J.J. Stegeman, *Catalytic and immunochemical detection of hepatic and extrahepatic microsomal cytochrome P450 1A1 (CYP1A1) in white-sided dolphin (Lagenorhynchus acutus).* Aquatic Toxicology, 2010. **96**(3): p. 216-224.

31. Oremland, M.S., B.M. Allen, P.J. Clapham, M.J. Moore, C. Potter, and J.G. Mead, *Mandibular fractures in short-finned pilot whales, Globicephala macrorhynchus.* Marine Mammal Science, 2010. **26**(1): p. 1-16.

32. Moore, M., M. Walsh, J. Bailey, D. Brunson, F. Gulland, S. Landry, D. Mattila, C. Mayo, C. Slay, J. Smith, and T. Rowles, *Sedation at sea of entangled North Atlantic Right Whales (Eubalaena glacialis) to enhance disentanglement.* PLoS ONE, 2010. **5**(3): p. e9597.

33. Montie, E.W., R.J. Letcher, C.M. Reddy, M.J. Moore, B. Rubinstein, and M.E. Hahn, *Brominated flame retardants and organochlorine contaminants in winter flounder, harp and hooded seals, and North Atlantic right whales from the Northwest Atlantic Ocean.* Marine Pollution Bulletin, 2010. **60**(8): p. 1160-9.

34. Bogomolni, A.L., K.R. Pugliares, S.M. Sharp, K. Patchett, C.T. Harry, J.M. LaRocque, K.M. Touhey, and M. Moore, *Mortality trends of stranded marine mammals on Cape Cod and southeastern Massachusetts, USA, 2000 to 2006.* Diseases of Aquatic Organisms, 2010. **88**(2): p. 143-55.

**2009**

35. Tsukrov, I., J.C. DeCew, K. Baldwin, R. Campbell-Malone, and M.J. Moore, *Mechanics of the right whale mandible: Full scale testing and finite element analysis.* Journal of Experimental Marine Biology and Ecology, 2009. **374**(2): p. 93-103.

36. Rose, J.M., R.J. Gast, A. Bogomolni, J.C. Ellis, B.J. Lentell, K. Touhey, and M. Moore, *Occurrence and patterns of antibiotic resistance in vertebrates off the Northeastern United States coast.* FEMS Microbiology Ecology, 2009. **67**(3): p. 421-31.

37. Moore, M.J., A.L. Bogomolni, S.E. Dennison, G. Early, M.M. Garner, B.A. Hayward, B.J. Lentell, and D.S. Rotstein, *Gas bubbles in seals, dolphins, and porpoises entangled and drowned at depth in gillnets.* Veterinary Pathology, 2009. **46**(3): p. 536-47.

38. Moore, M.J., *Current issues facing North Atlantic right whales and stakeholders.* Environmental Affairs Law Review, 2009. **36**(2): p. 309-317.

39. Hlista, B.L., H.M. Sosik, L.V. Martin Traykovski, R.D. Kenney, and M.J. Moore, *Seasonal and interannual correlations between right-whale distribution and calving success and chlorophyll concentrations in the Gulf of Maine, USA.* Marine Ecology Progress Series, 2009. **394**: p. 289-302.

**2008**

40. Winn, J.P., B.L. Woodward, M.J. Moore, M.L. Peterson, and J.G. Riley, *Modeling whale entanglement injuries: An experimental study of tissue compliance, line tension, and draw-length.* Marine Mammal Science, 2008. **24**(2): p. 326-340.

41. McLeod, B.A., M.W. Brown, M.J. Moore, W. Stevens, S.H. Barkham, M. Barkham, and B.N. White, *Bowhead whales, and not right whales, were the primary target of 16th- to 17th-century Basque Whalers in the Western North Atlantic.* ARCTIC, 2008. **61**(1): p. 61-75.

42. Lasek-Nesselquist, E., A.L. Bogomolni, R.J. Gast, D.M. Welch, J.C. Ellis, M.L. Sogin, and M.J. Moore, *Molecular characterization of Giardia intestinalis haplotypes in marine animals: variation and zoonotic potential.* Diseases of Aquatic Organisms, 2008. **81**(1): p. 39-51.

43. Hooker, S.K., T.L. Metcalfe, C.D. Metcalfe, C.M. Angell, J.Y. Wilson, M.J. Moore, and H. Whitehead, *Changes in persistent contaminant concentration and CYP1A1 protein expression in biopsy samples from northern bottlenose whales, Hyperoodon ampullatus, following the onset of nearby oil and gas development.* Environmental Pollution, 2008. **152**(1): p. 205-216.

44. Gulland, F.M.D., F.B. Nutter, K. Dixon, J. Calambokidis, G. Schorr, J. Barlow, T. Rowles, S. Wilkin, T. Spradlin, L. Gage, J. Mulsow, C. Reichmuth, M. Moore, J. Smith, P. Folkens, S.F. Hanser, S. Jang, and C.S. Baker, *Health assessment, antibiotic treatment, and behavioral responses to herding efforts of a cow-calf pair of humpback whales (Megaptera novaeangliae) in the Sacramento river delta, California.* Aquatic Mammals, 2008. **34**(2): p. 182-192.

45. Campbell-Malone, R., S.G. Barco, P.Y. Daoust, A.R. Knowlton, W.A. McLellan, D.S. Rotstein, and M.J. Moore, *Gross and histologic evidence of sharp and blunt trauma in North Atlantic right whales (Eubalaena glacialis) killed by vessels.* Journal of Zoo and Wildlife Medicine, 2008. **39**(1): p. 37-55.

46. AL, B., G. RJ, E. JC, D. M, P. KR, L. BJ, and M. MJ, *Victims or vectors: a survey of marine vertebrate zoonoses from coastal waters of the Northwest Atlantic.* Diseases of Aquatic Organisms, 2008. **81**(1): p. 13-38.

**2007**

47. Wilson, J.Y., R. Wells, A. Aguilar, A. Borrell, V. Tornero, P. Reijnders, M. Moore, and J.J. Stegeman, *Correlates of cytochrome P450 1A1 expression in bottlenose dolphin (Tursiops truncatus) integument biopsies.* Toxicological Sciences, 2007. **97**(1): p. 111-119.

48. Pugliares, K.R., A. Bogomolni, K.M. Touhey, S.M. Herzig, C.T. Harry, and M.J. Moore, *Marine Mammal Necropsy: An introductory guide for stranding responders and field biologists*. 2007, Woods Hole Oceanographic Institution: Woods Hole, MS. p. 132.

49. Patenaude, N.J., V.A. Portway, C.M. Schaeff, J.L. Bannister, P.B. Best, R.S. Payne, V.J. Rowntree, M. Rivarola, and C.S. Baker, *Mitochondrial DNA diversity and population structure among southern right whales (Eubalaena australis).* Journal of Heredity, 2007. **98**(2): p. 147-57.

50. Myers, R.A., S.A. Boudreau, R.D. Kenney, M.J. Moore, A.A. Rosenberg, S.A. Sherrill-Mix, and B. Worm, *Saving endangered whales at no cost.* Current Biology, 2007. **17**(1): p. R10-R11.

51. Moore, M., G. Early, K. Touhey, S. Barco, F. Gulland, and R. Wells, *Rehabilitation and release of marine mammals in the united states: risks and benefits.* Marine Mammal Science, 2007. **23**(4): p. 731-750.

**2006**

52. Woodward, B.L., J.P. Winn, M.J. Moore, and M.L. Peterson, *Experimental modeling of large whale entanglement injuries.* Marine Mammal Science, 2006. **22**(2): p. 299-310.

53. Moore, M.J., A. Bogomolni, R. Bowman, P.K. Hamilton, C.T. Harry, A.R. Knowlton, S. Landry, D.S. Rotstein, and K. Touhey. *Fatally entangled right whales can die extremely slowly*. in *OCEANS 2006*. 2006.

54. Lefkovitz, L.F., S. Pala, C. Hunt, M. Hall, and M. Moore. *Fish and Shellfish Monitoring in Boston Harbor and Massachusetts Bay - 1992 Through 2005*. in *OCEANS 2006*. 2006.

55. Bogomolni, A., J. Ellis, R. Gast, B. Harris, M. Pokras, K. Touhey, and M. Moore. *Emerging zoonoses in marine mammals and seabirds of the Northeast U.S*. in *OCEANS 2006*. 2006.

**2005**

56. Wilson, J.Y., S.R. Cooke, M.J. Moore, D. Martineau, I. Mikaelian, D.A. Metner, W.L. Lockhart, and J.J. Stegeman, *Systemic effects of arctic pollutants in beluga whales indicated by CYP1A1 expression.* Environ Health Perspect, 2005. **113**(11): p. 1594-9.

57. Sweeny, M.M., J.M. Price, G.S. Jones, T.W. French, G.A. Early, and M.J. Moore, *Spondylitic changes in long-finned pilot whales (Globicephala melas) stranded on Cape Cod, Massachusetts, USA, between 1982 and 2000.* Journal of Wildlife Diseases, 2005. **41**(4): p. 717-27.

58. M.J. Moore, and G.A. Early, *What causes lesions in sperm whale bones?* Science, 2005. **308**(5722): p. 631c-632c.

59. Moore, M.J., B. Rubinstein, T.P. Lipscomb, and S. Norman, *The most northerly record of Gervais' beaked whale, Mesoplodon europeaus, from the Western Atlantic.* Journal of Cetacean Research and Management, 2005. **6**: p. 279-281.

60. Moore, M.J., A.R. Knowlton, S.D. Kraus, W.A. McLellan, and R.K. Bonde, *Morphometry, gross morphology and available histopathology in North Atlantic right whale (Eubalaena glacialis) mortalities (1970 to 2002).* Journal of Cetacean Research and Management, 2005. **6**: p. 199-214.

61. Moore, M., L. Lefkovitz, M. Hall, R. Hillman, D. Mitchell, and J. Burnett, *Reduction in organic contaminant exposure and resultant hepatic hydropic vacuolation in winter flounder (Pseudopleuronectes americanus) following improved effluent quality and relocation of the Boston sewage outfall into Massachusetts Bay, USA: 1987-2003.* Marine Pollution Bulletin, 2005. **50**(2): p. 156-66.

62. Kraus, S.D., M.W. Brown, C.W. Clark, P.K. Hamilton, R.D. Kenney, A.R. Knowlton, S. Landry, C.A. Mayo, W.A. McLellan, M.J. Moore, D.P. Nowacek, D.A. Pabst, A.J. Read, and R.M. Rolland, *Bilateral action for right whales - Reply.* Science, 2005. **301**: p. 1617-1618.

63. Kraus, S.D., M.W. Brown, H. Caswell, C.W. Clark, M. Fujiwara, P.K. Hamilton, R.D. Kenney, A.R. Knowlton, S. Landry, C.A. Mayo, W.A. McLellan, M.J. Moore, D.P. Nowacek, D.A. Pabst, A.J. Read, and R.M. Rolland, *North Atlantic Right Whales in Crisis.* Science, 2005. **309**(5734): p. 561-562.

64. Cavatorta, D., V. Starczak, K. Prada, and M.J. Moore, *A note on the friction of different ropes in right whale baleen: an entanglement model.* Journal of Cetacean Research and Management, 2005. **7**: p. 39-42.

**2004**

65. Moore, M.J., B. Rubinstein, S.A. Norman, and T. Lipscomb, *A note on the most northerly record of Gervais’ beaked whale from the western North Atlantic Ocean.* Journal of Cetacean Research and Management, 2004. **6**(3): p. 279-281.

66. Moore, M.J. and G.A. Early, *Cumulative sperm whale bone damage and the bends.* Science, 2004. **306**(24): p. 2215.

67. Angell, C.M., J.Y. Wilson, M.J. Moore, and J.J. Stegeman, *Cytochrome p450 1A1 expression in cetacean integument: Implications for detecting contaminant exposure and effects.* Marine Mammal Science, 2004. **20**(3): p. 554-566.

**2003**

68. Moore, M.J., L. Steiner, and B. Jann, *Cetacean surveys in the Cape Verde Islands and the use of cookiecutter shark bite lesions as a population marker for fin whales* Aquatic Mammals, 2003. **29**: p. 383-389.

69. Moore, M.J., I.V. Mitrofanov, S.S. Valentini, V.V. Volkov, A.V. Kurbskiy, E.N. Zhimbey, L.B. Eglinton, and J.J. Stegeman, *Cytochrome P4501A expression, chemical contaminants and histopathology in roach, goby and sturgeon and chemical contaminants in sediments from the Caspian Sea, Lake Balkhash and the Ily River Delta, Kazakhstan.* Marine Pollution Bulletin, 2003. **46**(1): p. 107-119.

**2001**

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