

CURRENT POSITION

Leader, Cetacean and Sea Turtle Team
National Oceanic and Atmospheric Administration
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EDUCATION

Ph.D. - University of California, Los Angeles (Biology)
M.S. - University of Maryland, College Park (Zoology)
B.S. - University of Maryland, College Park (Zoology)

PROFESSIONAL EXPERIENCE

1993-1996 Chief Scientist
Office of Protected Resources
National Marine Fisheries Service
1335 East-West Highway
Silver Spring, MD 20910

1990-1993 Chief, Scientific Research Branch
Permits Division
Office of Protected Resources
National Marine Fisheries Service
1335 East-West Highway
Silver Spring, MD 20910

1985-1990 Leader, Life-History Monitoring Project
Fishery-Marine Mammal Interactions Division
National Marine Fisheries Service
Southwest Fisheries Center
La Jolla, California 92038

1981-1985 Zoologist
National Marine Fisheries Service
Southwest Fisheries Center
La Jolla, California 92038

1980-1981 Zoologist
U.S. Fish and Wildlife Service
National Fish and Wildlife Lab
Marine Mammal Section
c/o Smithsonian Institution
Washington, D.C. 20560

1979 Museum Technician, Zoology
National Museum of Natural History
Division of Mammals - Marine Mammal Project
Smithsonian Institution
Washington, D.C. 20560

1977-1979 Graduate Teaching Assistant
Department of Zoology
University of Maryland, College Park

1976-1977 Museum Aid (Discovery Room)
National Museum of Natural History
Office of Education
Smithsonian Institution
Washington, D.C. 20560

OFFICES, AFFILIATIONS, and APPOINTMENTS

2003 Scientific Program Chair, 15th Biennial Conference on the Biology of
Marine Mammals, Society for Marine Mammalogy

1996 -1998 Associate Editor, Marine Mammal Science

1992-1996 Secretary, The Society for Marine Mammalogy

1996 NOAA representative on U.S. delegation, Convention on Biological
Diversity second meeting of the Subsidiary Body on Scientific, Technical, and
Technological Advice of the Convention on Biological Diversity, Sept, Montreal,
Canada

1995 NOAA representative on U.S. delegation, Convention on Biological
Diversity second Conference of Parties, Nov, Jakarta, Indonesia

1995 NOAA representative on U.S. delegation, Convention on Biological
Diversity first meeting of the Subsidiary Body on Scientific, Technical, and
Technological Advice of the Convention on Biological Diversity, Sept, Paris, France

1994 Member U.S. delegation to CITES Conference of Parties, Ft.
Lauderdale, as primary drafter of US Proposal on new Listing Criteria

1994 NOAA representative on U.S. delegation, Convention on Biological
Diversity first Conference of Parties, Nov-Dec, Nassau, Bahamas

1994 NOAA representative on U.S. delegation, Intergovernmental Meeting
of Scientific Experts on Biodiversity under the Convention on Biological Diversity.
April, Mexico City

1990 - present Research Associate, Smithsonian Institution - National Museum of Natural History, Division of Mammals, Marine Mammal Program

1985 - 1988 Chair, Membership Committee, and Member of the Board of Governors
The Society for Marine Mammalogy

PUBLICATIONS

In review Snover, M.S. and A.A. Hohn. Validation and interpretation of annual skeletal marks in loggerhead (*Caretta caretta*) and Kemp's ridley (*Lepidochelys kempii*) sea turtles. *Fish Bull.*

In review Harms, C.A., M.G. Papich, M.A. Stamper, P.M. Ross, M. Rodriguez and A.A. Hohn. Pharmacokinetics of oxytetracycline in loggerhead sea turtles (*Caretta caretta*) after a single intravenous and intramuscular injection. *J. Zoo and Wildlife Medicine.*

In press Wells, R.S., H.L. Rhinehart, L.J. Hansen, J.C. Sweeney, F.I. Townsend, R. Stone, D. Casper, M.D. Scott, A.A. Hohn, and T.K. Rowles. Bottlenose dolphins as marine ecosystem sentinels: Developing a health monitoring system. *Ecohealth* 1 (2).

In press Harms, C.A., R. Lo Piccolo, D.S. Rotstein, A. A. Hohn. Struvite penile urethrolithiasis in a pygmy sperm whale, *Kogia breviceps*. *J. Wildlife Diseases.*

2004 Hansen, L.J., L.H. Schwacke, G.B. Mitchum, A.A. Hohn, R.S. Wells, E.S. Zolman, P.A. Fair. Geographic variation in polychlorinated biphenyl and organochlorine pesticide concentrations in the blubber of bottlenose dolphins from the U.S. Atlantic coast. *Science of the Total Environment.*

2003 Thayer, V., A.J. Read, A.S. Friedlaender, D.R. Colby, A.A. Hohn, W.A. McLellan, D.A. Pabst, J.L. Dearolf, N.I. Bowles, J.R. Russell, and K.A. Rittmaster. Reproductive seasonality of western Atlantic bottlenose dolphins off North Carolina, USA. *Marine Mammal Science* 19(4):617-629.

2002 Schwacke, L.H., E. O. Voit, L.J. Hansen, R.S. Wells, G. Mitchum, A.A. Hohn, and P. Fair. Probabilistic risk assessment of reproductive effects of polychlorinated biphenyls (pcbs) on bottlenose dolphins from the southeast Atlantic coast and Gulf of Mexico. *Environmental Toxicology & Chemistry.*

2002 Hohn, A.A. Age estimation. Pp 6-13 in W.F. Perrin, B. Wursig, and H.G.M. Thewissen. *Encyclopedia of Marine Mammals.* Academic Press.

2001 Hohn, A.A. Bottlenose dolphin biology and conservation. Review of Reynolds et. al, *The Bottlenose Dolphin.* *Ecology* 82(9):2668-2670.

- 2001 Rowles, T., F. VanDolah, and A.A. Hohn. Necropsy and tissue sampling protocols. Ch. 21 in L.A. Dierauf and F.M.D. Gulland, eds. CRC Handbook of Marine Mammal Medicine. 2nd Edition. 1063 pp.
- 2001 Scott, M.D., A.A. Hohn, A.J. Westgate, J.R. Nicolas, B.R. Whitaker, and W.B. Campbell. A note on the release and tracking of a rehabilitated pygmy sperm whale (*Kogia breviceps*). *J. Cetacean Res. Manage.* 3(1):87-94.
- 2001 Steve, C., J. Gearhart, D. Borggaard, L. Sabo, and A. Hohn. Characterization of North Carolina commercial fisheries with occasional interactions with marine mammals. NOAA Tech. Memo. NMFS-SEFSC-458. 60 pp.
- 2000 Pinedo, M.C. and A.A. Hohn. Growth layer patterns in teeth from the franciscana, *Pontoporia blainvillei*: developing a model for precision in age estimation. *Marine Mammal Science* 16(1):1-27.
- 1999 Hohn, A.A. and S. Fernandez. Biases in dolphin age structure due to age estimation technique. *Marine Mammal Science* 15(4):1124-1132.
- 1999 Meador, J.P., D. Ernest, A.A. Hohn, K. Tilbury, and J.E. Stein. Comparison of elements in bottlenose dolphins stranded on the beaches of Texas and Florida in the Gulf of Mexico over a one-year period. *Arch. Environ. Contam. Toxicol.* 36:87-98.
- 1999 Urian, K., A. Hohn and L. Hansen. Status of the photo-identification catalog of coastal bottlenose dolphins of the western North Atlantic: Report of a workshop of catalog contributors. NOAA Tech. Memo. NMFS-SEFSC-425. 24 pp.
- 1998 Fernandez, S. and A.A. Hohn. Age structure, growth, and calving season of bottlenose dolphins stranded along the coast of Texas. *Fish. Bull.* 96(2):357-365.
- 1997 Hohn, A.A. Design for a multiple-method approach to determine stock structure of bottlenose dolphins in the mid-Atlantic. NOAA Tech. Memo NMFS-SEFSC-401. 22 pp.
- 1997 Hohn, A.A. and C. D'Agrosa. Vaquita conservation: current science and management. *International Biological Institute (Japan)* 7:45-56.
- 1996 Hohn, A.A., A.J. Read, S. Fernandez, O. Vidal, and L. Findley. Life history of the vaquita, *Phocoena sinus* (Phocoenidae, Cetacea). *J. Zoology, London*: 239:235-251.
- 1996 Hohn, A.A. and D. Wilkinson. Rehabilitating stranded cetaceans and pinnipeds: management issues and data summary. Pp 30-42 in D.J. St. Aubin, J. R. Geraci and V.J. Lounsbury, eds. *Rescue, Rehabilitation, and Release of Marine Mammals: an Analysis of Current Views and Practices*. NOAA Tech. Memo NMFS-OPR-8. 65 pp.
- 1995 Bjorge, A., A.A. Hohn, T. Kvam, C. Lockyer, T. Schweder, H. Aarefjord. Report of the harbour porpoise age determination workshop, Oslo, 21-23 May 1990. pp 478-493. *Rep. Int. Whal. Commn* 16 (Biology of Phocoenids).

1995 Hohn, A.A., R.L. Gentry, and V.M.W. Wilmot. The Convention on Biological Diversity and marine biodiversity. *Current, Journal of Marine Education* 13(2):2-4.

1995 Hohn, A.A. and C. Lockyer. Protocol for obtaining age estimates from harbour porpoise teeth. Appendix 3, Report of the harbour porpoise age determination workshop, Oslo, 21-23 May 1990. pp 478-493. *Rep. Int. Whal. Commn 16 (Biology of Phocoenids)*.

1995 Hohn, A.A. and A.E. Paterson. Summit of the Americas and marine biodiversity. *Current, J. of Marine Education* 13(2):20-21.

1995 Read, A.J. and A.A. Hohn. Life in the fast lane: life history of harbor porpoises in the Gulf of Maine. *Marine Mammal Science* 11(4):423-440.

1995 Tolley, K.A., A.J. Read, R.W. Wells, K.W. Urian, M.D. Scott, A.B. Irvine, and A.A. Hohn. Sexual dimorphism in a community of bottlenose dolphins (*Tursiops truncatus*) from Sarasota, Florida. *J. Mammal* 76(4):1190-1198.

1994 Perrin, W.F. and A.A. Hohn. *Stenella attenuata*. Pp. 71-98 in Ridgway and Harrison, eds. *Handbook of Marine Mammals*. Academic Press.

1993 Read, A.J., R.S. Wells, A.A. Hohn, and M.D. Scott. Patterns of growth in wild bottlenose dolphins, *Tursiops truncatus*. *J. Zool., London* 231:107-123.

1992 Hohn, A.A., R.B. Miller., K. Peltier, and S. Chivers. Composition of the incidental kill of small cetaceans in the U.S. purse-seine fishery for tuna during 1989. *Rep. int. Whal. Commn* 41.

1990 Hohn, A.A. Reading between the lines: an analysis of age estimation in dolphins. pp 575-585 In Reeves, R. and S. Leatherwood, eds. *The Bottlenose Dolphin*. Academic Press. 653pp.

1990 Chivers, S.J., R.B. Miller, and A.A. Hohn. Composition of the 1988 incidental kill of small cetaceans in the U.S. purse-seine fishery for tuna in the eastern tropical Pacific. *Rep. int. Whal. Commn* 40:455-458.

1989 Hohn, A.A., M.D. Scott, R.W. Wells, J. Sweeney, and A.B. Irvine. Growth layers in teeth from free-ranging, known-age bottlenose dolphins. *Marine Mammal Sci.* 5(4):315-342.

1989 Bernard, H.J. and A.A. Hohn. Feeding habit differences between pregnant and lactating spotted dolphins in the eastern tropical Pacific Ocean. *J. Mammalogy* 70(1):211-215.

1989 Boveng, P.L., A.A. Hohn, D.P. DeMaster, A.E. Dizon, D.A. Hanan, and J.P. Scholl. Tracking harbor seals in southern California. *Proc. Argos Users Conference*:205-216.

1989 Chivers, S.J., A.A. Hohn, and R.B. Miller. Composition of the 1987 incidental kill of small cetaceans in the U.S. purse-seine fishery for tuna in the eastern tropical Pacific. Rep. int. Whal. Commn 39.

1986 Myrick, A.C., A.A. Hohn, J. Barlow, and P.A. Sloan. Reproductive biology of female spotted dolphins, *Stenella attenuata*, from the eastern tropical Pacific. Fish. Bull. 84 (2):247-259.

1985 Hohn, A.A., S.J. Chivers, and J. Barlow. Reproductive maturity and seasonality of male spotted dolphins, *Stenella attenuata*, in the eastern tropical Pacific. Marine Mammal Science 1 (4):273-293.

1985 Hohn, A.A. and P.S. Hammond. Early postnatal growth in spotted dolphins, *Stenella attenuata*, from the eastern tropical Pacific. Fish. Bull. 83 (4):553-566.

1984 Barlow, J. and A.A. Hohn. Interpreting spotted dolphin age distributions. NOAA-TM-NMFS-SWFC-48. 22 pp.

1983 Myrick, A.C., A.A. Hohn, P.A. Sloan, M. Kimura, and D. Stanley. Estimating age of spotted and spinner dolphins (*Stenella attenuata* and *Stenella longirostris*) from teeth. NOAA-TM-NMFS-SWFC-30. 17 pp.

1983 Reilly, S.B., A.A. Hohn, and A.C. Myrick. Precision of age determination of northern offshore spotted dolphins. NOAA-TM-NMFS-SWFC-35. 27 pp.

1980 Hohn, A.A. Analysis of growth layers in the teeth of *Tursiops truncatus* using light microscopy, microradiography, and SEM. pp. 155-160. In W.F. Perrin and A.C. Myrick, eds. Age determination of toothed whales and sirenians. Rep. int. Whal. Commn Special Issue 3. 229 pp.

1980 Hohn, A.A. Age determination and age related factors in the teeth of western north Atlantic bottlenose dolphins. Sci. Rep. Whales Res. Inst. 32:39-66.

REPORTS

1994 Hohn, A.A., A.J. Read, S. Fernandez, O. Vidal, and L. Findley. Life history of the vaquita, *Phocoena sinus*. Final report to Conservation International.

1993 Heyning, J.E. and A.A. Hohn. Refining age estimation techniques for killer whales. Contract report to the National Marine Mammal Lab.

1992 Schwartz, M., A. Hohn, H. Bernard, S. Chivers, and K. Peltier. Stomach contents of beach-cast cetaceans collected along the San Diego County coast of California, 1972-1991. NMFS SWFC Admin. Rep. LJ-92-18. 33 pp.

1990 Hohn, A.A. and S.R. Benson. Bioacoustics of odontocetes in the ETP: project description, preliminary results, and recommendations for future work. NMFS SWFC Admin. Rep. LJ-90-23. 27 pp.

1990 Hohn, A.A. and R.L. Brownell, Jr. Life history and exploitation of harbor porpoise in California. Paper SC/42/47, International Whaling Commission Scientific Committee meeting, June 1990.

1990 Hohn, A.A. and K.M. Peltier. Annotated bibliography: harbor porpoise life history and exploitation. Paper SC/42/SM19, International Whaling Commission Scientific Committee meeting, June 1990.

1990 Hohn, A.A. and W.F. Perrin. Sources for a global review of mortality of cetaceans in passive fishing nets and traps. Paper SC/O90/G23, International Whaling Commission meeting on Global Review of Cetaceans in Passive Fishing Gear and Traps, Oct. 1990.

1990 Hohn, A.A., K.M. Peltier, R.B. Miller, and S. Chivers. Composition of the incidental kill of small cetaceans in the U.S. purse-seine fishery for tuna in the eastern tropical Pacific during 1989. Paper SC/42/SM18, International Whaling Commission Scientific Committee meeting, June 1990.

1990 Benson, S.R. and A.A. Hohn. Bioacoustics of odontocetes in the ETP: Results from MOPS '89 and recommendations for MOPS '90-91. NMFS SWFC Internal Report. 11 pp.

1990 Bjorge, A., A.A. Hohn, C. Lockyer, and T. Schweder. Summary report from the harbour porpoise age determination workshop, Oslo, 21-23 May 1990. Paper SC/42/SM1, International Whaling Commission Scientific Committee meeting, June 1990.

1990 Chivers, S., A.A. Hohn, and A.C. Myrick. Population regulation in exploited eastern tropical Pacific pelagic dolphins. Paper SC/42/SM44, International Whaling Commission Scientific Committee meeting, June 1990.

1990 U.S. Dept. of Commerce. Use of marine mammals in swim-with-the-dolphin programs. Final Environmental Impact Statement. U.S. Dept. of Commerce, Washington, DC. 98 pp + appendices. (multiple contributors)

1989 Hohn, A.A. Comparison of methods to estimate the average age of sexual maturation in dolphins. Paper SC/41/0 28, International Whaling Commission Scientific Committee, June 1989. 20 pp.

1983 Hohn, A.A. and P.S. Hammond. Growth in the first year of the spotted dolphin, *Stenella attenuata*, in the eastern tropical Pacific. NMFS SWFC Admin. Rep. LJ-83-08. 33 pp.

1983 Hohn, A.A. and R.J. Hankins. Documentation of tooth-reading records and age-data files for the northern offshore spotted dolphin. NMFS SWFC Admin. Rep. LJ-83-19. 71 pp.

1980 Hohn, A.A. A method for age determination of dolphins. Electron Microscopy Central Facility Newsletter (Institute for Physical Science and Technology, Univ. of Md.) 8:4-5.

ORGANIZATION/CONVENING/PLANNING/CHAIRING OF MEETINGS

1998 Co-Organizer: Workshop on age estimation in *Sotalia fluviatilis*. Oct 23-24, Itamaracá, Brazil

1998 Session Chair. Morphology and Physiology. Workshop on Reproduction in Marine Mammals. Preceding World Conference on Marine Mammal Biology. Monaco.

1998 Session Chair. Session on Life History. World Conference on Marine Mammal Biology. Monaco.

1997 Organizer/Convenor. Workshop to design an experimental, multiple-method approach to determine the stock structure of bottlenose dolphins in the mid-Atlantic. Beaufort, NC.

1992 Organizer/Convenor. Scientific Review Panel for Research on Humpback and Killer Whales in the Eastern North Pacific. Seattle, WA.

1991 Session Chair. Ninth Biennial Conference on the Biology of Marine Mammals. Chicago, IL.

1991 Program Committee. Ninth Biennial Conference on the Biology of Marine Mammals. Chicago, IL.

1991 Working Group Chair - cetaceans. Workshop on the Rescue and Release of Stranded Marine Mammals. Chicago, IL.

1991 Organizer and Convener. Workshop - Heard Island and Marine Mammals: Review, Assessment, and Recommended Directions for Future Research. National Academy of Sciences.

1991 Organizer and Convener. Working session - Management of the Subsistence Harvest of Fur Seals on the Pribilof Islands: a Re-evaluation of the Current Regime. Anchorage, AK

1990 Rapporteur and drafter of the report. Working group on the Impacts of Passive Gear on Cetaceans Populations. International Whaling Commission. La Jolla, CA

1990 Rapporteur - International Whaling Commission, Small Cetacean Subcommittee, The Netherlands

1988 Session chair - Age Estimation, presentation - overview of age estimation, and rapporteur - Reproduction Session. European Cetacean Society Porpoise Workshop sponsored by the E.C.S. Working Group on Harbor Porpoise. 29 Nov - 1 Dec 1988. Cambridge, England.

1987 Organizer and Convener. Plenary session - Long-term studies. Seventh Biennial Conf. on the Biology of Marine Mammals. Miami, FL.

1987 Session Chair. Workshop on tracking large cetaceans. Marine Mammal Commission. Seattle, WA

1981 Organizing Committee - IWC Meeting on Reproduction in Cetaceans

POPULAR ARTICLES

1997 Hohn, A.A. Essential fish habitat: essentially conserving biodiversity. South Atlantic Update (Publ. of the South Atlantic Fishery Management Council). October 1997:22-23.

1996 Hohn, A.A. Life history as a common denominator for population assessment, human interactions, and ecosystem health. Strandings (Newsletter of the Southeast U.S. Marine Mammal Stranding Network) 5(2): 2 pages.

1990 Hohn, A.A. Harbor porpoise. In Encyclopaedia of Whales and Dolphins. Salamander Press, UK.

1990 Hohn, A.A. Dall's porpoise. In Encyclopaedia of Whales and Dolphins. Salamander Press, UK.

1990 Hohn, A.A. Burmeister's porpoise. In Encyclopaedia of Whales and Dolphins. Salamander Press, UK.

1990 Hohn, A.A. Spectacled porpoise. In Encyclopaedia of Whales and Dolphins. Salamander Press, UK.

1990 Hohn, A.A. Finless porpoise. In Encyclopaedia of Whales and Dolphins. Salamander Press, UK.

1990 Hohn, A.A. The Vaquita. In Encyclopaedia of Whales and Dolphins. Salamander Press, UK.