

PERSONAL VITAE

Robert J. (Bob) Hofman

7102 Brennan Lane

Chevy Chase, Maryland 20815



Education: Ph.D., College of Biological Sciences, University of Minnesota, 1975
Dissertation Title: *Distribution Patterns and Population Structure of Antarctic Seals*

M.S., Indiana University of Pennsylvania, 1967
Dissertation Title: *A Proposed Field Biology Course for Use with a School-Owned Land Laboratory*

B.S., Indiana University of Pennsylvania, 1962

Employment: 1962-1967, Biology Teacher, Warren G. Harding High School, Warren, Ohio

1967-1975, Research Assistant, Department of Ecology and Behavioral Biology,
College of Biological Sciences, University of Minnesota

1975-2000, Scientific Program Director, Marine Mammal Commission, Bethesda, MD
(retired 30 June 2000)

Military: United States Navy, 1955-1959
Duty Stations: Key West, Florida, Bermuda, and Turks Island, British West Indies

Field Work: Antarctic seal research — eight trips to Antarctica between February 1968 and
December 1974
Alaska sea otter research — Prince William Sound, Alaska, June-July 1975
Lecturer on various tour ships — Antarctic Peninsula, Falkland Islands, South
Georgia, 2000, 2002, 2009-2014

Committees and Delegations:

Member - Program Board, United States Tuna Foundation, National Marine Fisheries
Service, and Marine Mammal Commission Dedicated Vessel Research Program,
January-December 1978

Marine Mammal Commission representative — Intra-Governmental Working Group on
the Antarctic, February 1978–June 2000

Member of U.S. Delegations -- Special Antarctic Treaty Consultative Meeting on
Conservation of Antarctic Marine Living Resources: Canberra, Australia, 27 February-16
March 1978 & 7-20 May 1980; and Buenos Aires, Argentina, 17-28 July 1978; Annual
Meetings of the Commission and Scientific Committee for the Conservation
of Antarctic Marine Living Resources: Hobart, Australia, 25 May-11 June 1982,
29 August-9 September 1983, 3-14 September 1984, 2-13 September 1985, 9-20 September
1986, 23 October-4 November 1988, 5-18 November 1988, 23 October-3 November 1995,
21 October-1 November 1996, 27 October - 7 November 1997, and 26 October-6

November

1998;

Regular Antarctic Treaty Consultative Meetings: Washington D.C., 17 September-5 October 1979; Buenos Aires, Argentina, 23 June-7 July 1981; Brussels, Belgium,

7-18 October 1985; Rio de Janeiro, Brazil, 5-16 October 1987; Paris, France, 9-19 October 1989; Bonn, Germany, 7-18 October 1991; Venice, Italy, 11-20 November 1992; Kyoto, Japan, 11-22 April 1994; Seoul, South Korea, 8-19 May 1995; Utrecht, Holland, 29 April-10 May 1996; Christchurch, New Zealand, 19-30 May 1997; Tromsø, Norway, 25 May-5 June 1998; Lima, Peru, 24 May-4 June 1999;

Special Antarctic Treaty Consultative Meeting on Mineral Resources: Wellington, New Zealand, 14-25 June 1982; Bonn, Germany, 11-22 July 1983; Tokyo, Japan, 22-23 May 1984 and 27 October-12 November 1986; Rio de Janeiro, Brazil, 26 February-12 March 1985; Paris, France, 23 September-4 October 1985; Hobart, Australia, 14-25 April 1986; and Montevideo, Uruguay, 11-20 May 1987;

Review Conference on the Convention for the Conservation of Antarctic Seals, London, 12-16 September 1988; and

Special Antarctic Treaty Consultative Meeting on Environmental Protection, Vina del Mar,

Chile, 22 November-6 December 1990

U.S. Representative — Scientific Committee on the
Conservation of Antarctic Marine Living
Resources, 1982, 1983, and 1984

Co-convener — Workshop on Identification and
Assessment of Possible Alternative Methods for
Catching Yellowfin Tuna, San Diego, California,
27-28 May 1981

Convener — Interagency Meetings on Humpback
Whales in Glacier Bay, Alaska, Seattle,
Washington, 12-13 October 1979 and 20-21
December 1981

Co-convener — Workshop on Marine Mammal-Fisheries
Interactions, Vancouver, Washington, 26-28
October 1981

Co-convener — Workshop to Assess Possible Methods
for Regulating the Distribution and Movements of
Sea Otters, San Francisco, California, 25-26
October 1984

Convener — Workshop on Measures to Address Marine
Mammal-Fisheries Interactions in California, San
Francisco, California, 26-28 March 1986

Convener — Workshop to Assess Possible Systems
for Tracking Large Cetaceans, Seattle,
Washington, 24-26 February 1987

Selected Workshops, Committees,
and Delegations (continued)

Convener – Workshop on Critical Uncertainties and
Research Needs Regarding the Bering Sea and
Antarctic Marine Ecosystems, Seattle,
Washington, 12-13 December 1990

Member – National Marine Fisheries Service's
Working Group on Unusual Marine Mammal Mortality
Events, 1994, 1995, and 1996

Ex Officio Member – Program Advisory Board
for the Acoustic Thermometry of Ocean Climate
(ATOC) Marine Mammal Research Program, 1994-2000

Member – Steering Committee for the Workshop
on the Health of the Gulf of Maine Ecosystem:
Cumulative Impacts of Multiple Stressors,
Dartmouth College, 18-20 September 1995

Selected Workshops, Committees,
and Delegations (continued)

U.S. Commissioner — October 1995 Meeting of the
Commission for the Conservation of Antarctic
Marine Living Resources

Co-convener — Workshop to Assess the
Effectiveness and Effects of Acoustic Devices
for Preventing Adverse Marine Mammal-Fishery
Interactions, Seattle, Washington, 20-22 March
1996

Alternate U.S. Representative — 1996, 1997, 1998,
and 1999 Antarctic Treaty Consultative Meetings

U.S. Representative - Antarctic Treaty Committee
on Environmental Protection, 1998 and 1999

Convener — Workshop to Assess the Possible Use of
Active Acoustics (Sonar) to Reduce Right Whale
Mortalities and Injuries from Ship Strikes,
Silver Spring, Maryland, 28 July 1999

Selected Publications:

Hofman, R.J. 2016. Sealing, whaling and krill fishing in the Southern Ocean: past and possible future effects on catch regulations. *Polar Record*, Cambridge U. Press.

Hofman, Robert. 2015. The intent of Article II of the CAMLR Convention. Discussion paper presented by the Antarctic and Southern Ocean Coalition (ASOC) for sessions two and three of the April 2015 CCAMLR Symposium in Santiago, Chile.

Mangel, M., and R.J. Hofman. 1999. Ecosystems: patterns, processes, and paradigms. Pages 87-98 in *Conservation and management of marine mammals*. J. R. Twiss, Jr. and R. R. Reeves editors. Smithsonian Institution Press. Washington,

Selected Workshops, Committees,
and Delegations (continued)

D.C. 471 pp.

Northridge, S.P., and R.J. Hofman. 1999. Marine mammal interactions with fisheries. Pages 99-119 in Conservation and management of marine mammals. J.R. Twiss, Jr. and R.R. Reeves editors. Smithsonian Institution Press. Washington, D.C. 471 pp.

Mangel, M., L.M. Talbot, G.K. Meffe.... R.J. Hofman.... 1996. Principles for the conservation of wild living resources. Ecological Applications 6(2):338-362.

Hofman, R.J. 1995. The changing focus of marine mammal conservation. Trends in Ecology and Evolution 10(11):462-465.

Dayton, P.K., S.F. Thrush, M.T. Agardy, and R.J. Hofman. 1995. Environmental effects of marine fishing. Aquatic Conservation: Marine and Freshwater Ecosystems 5:205-232.

Hofman, R.J. 1993. Convention for the conservation of Antarctic marine living resources. Marine Policy 17(6):534-536.

Mangel, M., R.J. Hofman, E.A. Norse, and J.R. Twiss, Jr. 1993. Sustainability and ecological research. Ecological Applications 3(4):573-575.

Shaughnessy, P.D., R.J. Hofman, T.E. Dowling, and W.M. Brown. 1993. Genetic-based studies for stock separation. Pages 172-193 in R.M. Laws (ed). Antarctic seals: research methods and techniques. Cambridge University Press. 390 pp.

Selected Publications (continued)

Hofman, R.J. 1991. History, goals, and achievements of the regional marine mammal stranding networks in the United States. Pages 7-15 in J.E. Reynolds, III, and D.K. Odell, (eds). Marine mammal strandings in the United States: proceedings of the second marine mammal stranding workshop; 3-5 December 1987. Miami, Florida. NOAA Technical Report NMFS 98 (1991) .

Swartz, S.L., and R.J. Hofman. 1991. Marine mammal and habitat monitoring: requirements; principles; needs; and approaches. NTIS PB91-215046. 18 pp.

Swartzman, G.L., and R.J. Hofman. 1991. Uncertainties and research needs regarding the Bering Sea and Antarctic marine ecosystems. Final report for MMC contracts No. T75133669 and No. T75134820. NTIS PB91-201731. 111 pp.

Hofman, R.J. 1990. Cetacean entanglement in fishing gear. Mammal Rev., 20(1):53-64.

Hofman, R.J. 1989. The Marine Mammal Protection Act: a first of its kind anywhere. Oceanus. 32(1):21-25.

Twiss, J.R., Jr., R.J. Hofman, and J.W. Lentfer. 1988. Introduction to selected marine mammals of Alaska: species accounts with research and management recommendations. J.W. Lentfer (ed). Final Report for MMC contract No. MM2910198-4. NTIS PB88-178462. 275 pp.

Bonner, W.N., and R.J. Hofman. 1985. Conservation and protection of marine mammals: past, present, and future. Marine Mammal Science 1(2):109-127.

Hofman, R.J. (ed). 1985. Workshop to assess methods for

Selected Publications (continued)

regulating the distribution and movements of sea otters.
Report of MMC-sponsored workshop held 25-26 October 1984 in
San Francisco, California. NTIS PB85-229250. 39 pp.

Hofman, R.J. 1985. The convention for the conservation of
Antarctic marine living resources. Pages 113-122 in
Proceedings of the conference on Antarctic politics and
marine resources: critical choices for the 1980s. Center
for Ocean Management Studies, University of Rhode Island,
June 17-20, 1984.

Hofman, R.J. 1984. Why marine mammal-fisheries interactions in
the Bering Sea are of interest. Pages 3-16 in Proceedings
of the workshop on biological interactions among marine
mammals and commercial fisheries in the Southeastern Bering
Sea. B.R. Melteff and D.H. Rosenberg, editors. Alaska Sea
Grant Report 84-1.

Hofman, R.J. 1981. Identification and assessment of possible
methods for catching yellowfin tuna. Proceedings of MMC-
sponsored workshop. San Diego, Calif., 27-28 May 1981.
NTIS PB83-138933. 14 pp. plus appendices.

Eberhardt, L.L., and R.J. Hofman. 1980. Existing programs,
technology and requirements relative to the conservation and
protection of marine mammals in the U.S. Fishery
Conservation Zone and in the Southern Ocean. Prepared for
the Office of Technology Assessment, U.S. Congress.

Hofman, R.J. 1979. Conservation of living resources in
Antarctica. Pages 469-479 in Transcripts of the 44th North
American Wildlife and Natural Resources Conference.

Hofman, R.J. 1979. A workshop to identify new research that
might contribute to the solution of the tuna-porpoise

Selected Publications (continued)

- problem. University of California, Santa Cruz, 8-9 December 1975. NTIS PB 290-158. 17 pp.
- Hofman, R.J. 1979. The leopard seal. Mammals in the seas, FAO Fisheries Series No. 5, Vol. II. ISBN 92-5-100512-5.
- Laws, R.M., and R.J. Hofman. 1979. The ross seal. Mammals in the seas, FAO Fisheries Series No. 5, Vol. II. ISBN 92-5-100512-5.
- Eberhardt, L.L., D.B. Siniff, D.P. DeMaster, and R.J. Hofman. 1977. An analysis of the dynamics of a Weddell seal population. Ecological Monographs, 47(3):319-335.
- Hofman, R.J., R. Reichle, D.B. Siniff, and D. Muller-Schwarze. 1977. The behavior and movement of leopard seals near Palmer Station, Antarctica. In proceedings of the 3rd symposium on Antarctic biology, Washington, DC. August 1974.
- Erickson, A.W., and R.J. Hofman. 1975. Antarctic seals. In V. Bushnell (ed). Antarctic mammals. Antarctic map folio series, No. 18, American Geographical Society.
- Hofman, R.J. 1975. Distribution patterns and population structure of Antarctic seals. Ph.D. dissertation, University of Minnesota, 1975. 168 pp.
- Siniff, D.B., R. Reichle, R.J. Hofman, and D. Kuehn. 1975. Movements of male Weddell seals in McMurdo Sound Antarctica as monitored by telemetry. Symposium on the biology of the seal, Guelph, Ontario, Canada, September, 1972.
- Hofman, R.J., and N. Flesness. 1974. Early summer seal studies

Selected Publications (continued)

- near the Antarctic Peninsula. *Antarctic Journal*, 9(4):107.
- Hofman, R.J., A.W. Erickson, and D.B. Siniff. The ross seal (*Ommatophoca rossi*). In *Seals, Suppl. Paper No. 39, IUCN Publ. New Series.*
- Hofman, R.J. 1973. Leopard seal study at Palmer Station. *Antarctic Journal of the U.S.*, Vol. 8(4):196-197.
- Erickson, A.W., D.B. Siniff, D. Cline, and R.J. Hofman. 1971. Distributional ecology of Antarctic seals. In G. Deacon (ed). *Proceedings of the SCAR symposium on Antarctic ice and water masses, Tokyo, September 1970.*
- Seal, U.S., A.W. Erickson, D.B. Siniff, and R.J. Hofman. 1971. Biochemical, population genetic, phylogenetic and cytological studies of Antarctic seal species. In G. Deacon (ed). *SCAR symposium on Antarctic ice and water masses, Tokyo, September 1970.*