

## NMML Acquisitions: April 1997

This list is for informational purposes only, indicating volumes currently in the NMML Library collection. This is a searchable PDF file. Press Ctrl+F and type the keyword you are searching for.

---

Acevedo-Gutiérrez, A.e.al. 1997. Resightings and behavior of false killer whales ({IPseudorca crassidens}) in Costa Rica. *Mar. Mammal Sci.* **13**, 307-314.

Adkison, Milo and Miguel Pascual .1996. Using mechanistic models to test hypothesized causes for Steller sea lion, {IEumetopias jubatus}, declines, p. 221 In: Richard D. et al. Brodeur, editor. Seattle, WA, U.S. Department of Commerce.

Alaska 1997. Finders keepers [ocean current tracking]. *Alaska* **63**, 13.

Alaska 1997. No (whale) tailgating [whale watching guidelines]. *Alaska* **63**, 15.

Allen, J.R. & Thompson, A. 1996. PCBs and organochlorine pesticides in shag ({IPhalacrocorax aristotelis}) eggs from the central Irish Sea: a preliminary study. *Mar. Pollut. Bull.* **32**, 890-892.

Alpizar-Jara, R. & Pollock, K.H. 1996. A combination line transect and capture-recapture sampling model for multiple observers in aerial surveys. *Environ. Ecol. Stat.* **3**, 311-327.

Arnason, U. & Gullberg, A. 1996. Cytochrome {Ib} nucleotide sequences and the identification of five primary lineages of extant cetaceans. *Mol. Biol. Evol.* **13**, 407-417.

Atkinson, A.e.al. 1996. Zooplankton response to a phytoplankton bloom near South Georgia, Antarctica. *Marine Ecology Progress Series* **144**, 195-210.

Baillie, Jonathan and Brian Groombridge. 1996. *1996 IUCN Red List of Threatened Animals*. Gland, Switzerland, IUCN (International Union for Conservation of Nature and Natural Resources) . 368p. +annexesp. REF QL82 .A15 1996

Barber, W.E.e.al. 1997. Demersal fish assemblages of the northeastern Chukchi Sea, Alaska. *Fish. Bull.* **95**, 195-209.

Barnes, L.G.e.al. 1994. Classification and distribution of Oligocene Aetiocetidae (Mammalia; Cetacea; Mysticeti) from western North America and Japan. *Island Arc* **3**, 392-431.

Barrowman, N.J. & Myers, R.A. 1996. Estimating tag-shedding rates for experiments with multiple tag types. *Biometrics* **52**, 1410-1416.

Basset, A. 1997. Mechanisms relating biomass concentration in individuals to interspecific resource competition. *Oikos* **78**, 31-36.

Bengtsson, J., Baillie, S.R. & Lawton, J. 1997. Community variability increases with time. *Oikos* **78**, 249-256.

Benkman, C.W. & Miller, R.E. 1996. Morphological evolution in response to fluctuating selection. *Evol.* **50**, 2499-2504.

Bergin, A. 1997. Albatross and longlining - managing seabird bycatch. *Mar. Policy* **21**, 63-72.

- Bishir, J. & Lancia, R.A. 1996. On catch-effort methods of estimating animal abundance. *Biometrics* **52**, 1457-1466.
- Blackburn, T.M. & Gaston, K.J. 1996. Spatial patterns in the body sizes of bird species in the New World. *Oikos* **77**, 436-446.
- Blumstein, D.T. & Bouskila, A. 1996. Assessment and decision making in animals: a mechanistic model underlying behavioral flexibility can prevent ambiguity. *Oikos* **77**, 569-581.
- Bolker, B.M.e.al. 1997. Individual-based modelling: what is the difference? *Trends in Ecology and Evolution* **12**, 111.
- Borsa, P.e.al. 1997. Seasonal trends in the occurrence of marine mammals in the Golfe du Morbihan, Kerguelen Islands. *Mar. Mammal Sci.* **13**, 314-316.
- Brewer, D.e.al. 1996. Bycatch reduction devices can benefit prawn fishers. *Fishing Boat World* **8**, 27-29.
- Brodeur, Richard D., Patricia A. Livingston, Thomas R. Loughlin and Anne B. Hallowed. 1996. *Ecology of Juvenile Walleye Pollock, {I}theragra Chalcogramma: Papers From the Workshop "The Importance of Prerecruit Walleye Pollock to the Bering Sea and North Pacific Ecosystems", Seattle, Washington, 28-30 October 1993*. Seattle, WA, U.S. Department of Commerce. (NOAA Technical Report NMFS 126) 227p. SH11 .A336 no.126
- Buchholz, F.e.al. 1996. Moult in relation to some aspects of reproduction and growth in swarms of Antarctic krill, {IEuphausia superba}. *Mar. Biol.* **127**, 201-208.
- Caillouet, C.W.Jr.e.al. 1997. Early growth in weight of Kemp's ridley sea turtles ({ILepidochelys kempii}) in captivity. *Gulf Res. Rep.* **9**, 239-246.
- Castro, J.I. 1996. Biology of the blacktip shark, {ICarcharhinus limbatus}, off the southeastern United States. *Bull. Mar. Sci.* **59**, 508-522.
- Center, Northwest Fisheries Science and Northwest Region National Marine Fisheries Service. 1997. *Investigation of Scientific Information on the Impacts of California Sea Lions and Pacific Harbor Seals on Salmonids and on the Coastal Ecosystems of Washington, Oregon, and California*. Seattle, WA, U.S. Department of Commerce. (NOAA Technical Memorandum NMFS-NWFSC-28) 172p. SH11 .A365b no.28
- Chapin, F.S.I., Torn, M.S. & Tateno, M. 1996. Principles of ecosystem sustainability. *American Naturalist* **148**, 1016-1037.
- Connolly, P.L. & Kelly, C.J. 1996. Catch and discards from experimental trawl and longline fishing in the deep water of the Rockall Trough. *J. Fish Biol.* **49**, 132-144.
- Cook, R.M., Sinclair, A. & Stef\*nsson, G. 1997. Potential collapse of North Sea cod stocks. *Nature* **385**, 521-522.
- Cowling, A. & Phillips, M.J. 1996. Bootstrap confidence regions for the intensity of a Poisson point process. *J. Am. Stat. Assoc.* **91**, 1516-1524.
- Croxall, John P., Christopher Ricketts and Peter A. Prince .1984. Impact of seabirds on marine resources, especially krill, of South Georgia waters, pp. 285-317 In: G. Causey Whittow and Hermann Rahn, editors. New York, Plenum Press.
- Dalpadado, P. & Skjoldal, H.R. 1996. Abundance, maturity and growth of the krill species {IThysanoessa inermis} and {IT. longicaudata} in the Barents Sea. *Marine Ecology Progress Series* **144**, 175-183.

- Dans, S.L.e.al. 1997. Notes on the reproductive biology of female dusky dolphins ({*Lagenorhynchus obscurus*}) off the Patagonian coast. *Mar. Mammal Sci.* **13**, 303-307.
- Davis, Randall W. and Gerald L. Kooyman .1984. Free-ranging energetics of penguins, pp. 245-253 *In:* G. Causey Whittow and Hermann Rahn, editors. New York, Plenum Press.
- Dawe, E.G. & Beck, P.C. 1997. Population structure, growth, and sexual maturation of short-finned squid ({*Illex illecebrosus*}) at Newfoundland. *Can. J. Fish. Aquat. Sci.* **54**, 137-146.
- Dawe, E.G., Dalley, E.L. & Lidster, W.W. 1997. Fish prey spectrum of short-finned squid ({*Illex illecebrosus*}) at Newfoundland. *Can. J. Fish. Aquat. Sci.* **54**, 200-208.
- Decker, Mary Beth, George L. Jr. Hunt andG. Vernon Jr. Byrd .1996. Relationship between sea-surface temperature, abundance of junvenile walleye pollock, {*Theragra chalcogramma*}, and the reproductive success and diets of seabirds at the Pribilof Islands, southeastern Bering Sea, pp. 202-203 *In:* Richard D. et al. Brodeur, editor. Seattle, WA, U.S. Department of Commerce.
- Delhon, G., Crespo, E.A. & Pagnoni, G. 1987. Stranding of a specimen of Gray's beaked whale at Puerto Piramides (Chubut, Argentina) and its gonadal appraisal. *Sci. Rep. Whales Res. Inst.* **38**, 107-115.
- Dickson, D. Lynne. 1997. *King and Common Eiders of the Western Canadian Arctic.* Ottawa, Ontario, Canada, Canadian Wildlife Service. (Canadian Wildlife Service, Occasional Paper no. 94) 75p. SH223 .W64o no.94
- Dodds, W.K. & Henebry, G.M. 1996. The effect of density dependence on community structure. *Ecol. Model.* **93**, 33-42.
- Dodds, W.K. & Henebry, G.M. 1996. The effect of density dependence on community structure. *Ecol. Modelling* **93**, 33-42.
- Donahue, M.A., Perryman, W.L. & Gilpatrick, W.J.Jr. 1997. Measuring the blues below from the sky above [blue whales]. *Alolkoy* **9**, 4.
- Dove, S.G., Gillanders, B.M. & Kingsford, M.J. 1996. An investigation of chronological differences in the deposition of trace metals in the otoliths of two temperate reef fishes. *J. Exp. Mar. Biol. Ecol.* **205**, 15-33.
- Downing, K. & Reed, M. 1996. Object-oriented migration modelling for biological impact assessment. *Ecol. Model.* **93**, 203-219.
- Drollette, D. 1997. Wide use of rabbit virus is good news for native species. *Science* **275**, 154.
- Dunn, P.O. & Cockburn, A. 1996. Evolution of male parental care in a bird with almost complete cuckoldry. *Evol.* **50**, 2542-2548.
- Ebensperger, L.A. & Botto-Mahan, C. 1997. Use of habitat, size of prey, and food-niche relationships of two sympatric otters in southernmost Chile. *Journal of Mammalogy* **78**, 222-227.
- Edgar, G.J.e.al. 1997. The conservation-related benefits of a systematic marine biological sampling programme: the Tasmanian reef bioregionalisation as a case study. *Biol. Conserv.* **79**, 227-240.
- Edmunds, P.J. & Bruno, J.F. 1996. The importance of sampling scale in ecology: kilometer-wide variation in coral reef communities. *Marine Ecology Progress Series* **143**, 165-171.

Ellis, Hugh I. 1984. Energetics of free-ranging seabirds, pp. 203-234 In: G. Causey Whittow and Hermann Rahn, editors. New York, Plenum Press.

Estes, J. A. The population ecology of sea otters at Adak Island, Alaska. Final report, December 1996 . 96. Prepared for Mr. Kent Livezey, Wildlife Biologist, Naval Facilities Engineering Command, Poulsbo, WA, On-site Coordinator, M.T. Tinker, Glenside Ecological Services, Victoria, BC, Canada, 37p.

Fancy, S.G. 1997. A new approach for analysing bird densities from variable circular-plot counts. *Pac. Sci.* **51**, 107-114.

FAO. 1996. *FAO Yearbook of Fishery Statistics - Catches and Landings*. Rome, Food and Agriculture Organization of the United Nations. (FAO Fisheries Series No. 46, FAO Statistics Series No. 128) 699p. SH211.F74y v.78 1994

FAO. 1996. *FAO Yearbook of Fishery Statistics - Commodities*. Rome, Food and Agriculture Organization of the United Nations. (FAO Fisheries Series No. 47, FAO Statistics Series No. 130) 356p. SH211.F74y v.79 1994

Fedak, M.A., Arnbom, T. & Boyd, I.L. 1996. The relationship between the size of southern elephant seal mothers, the growth of their pups, and the use of maternal energy, fat, and protein during lactation. *Physiol. Zool.* **69**, 887-911.

Fordyce, R.E., Barnes, L.G. & Miyazaki, N. 1994. General aspects of the evolutionary history of whales and dolphins. *Island Arc* **3**, 373-391.

Gales, N.J., Costa, D.P. & Kretzmann, M. 1996. Proximate composition of Australian sea lion milk throughout the entire supra-annual lactation period. *Aust. J. Zool.* **44**, 651-657.

Gallo-Reynoso, J.-P. & Rathbun, G.B. 1997. Status of sea otters ({*Enhydra lutris*}) in Mexico. *Mar. Mammal Sci.* **13**, 332-340.

Garlich-Miller, Joel. 1997. *Age, Sex, and Reproductive Status of Pacific Walrus Harvested in the Bering Strait Region, 1994-1996*. Anchorage, AK, Marine Mammals Management, U.S. Fish and Wildlife Service, U.S. Department of the Interior. (Technical Report MMM 97-1) 26p.

Gauldie, R.W. 1996. Ages estimated from average microincrement width in otoliths of {*Macruronus novaezelandiae*} are verified by length mode progressions. *Bull. Mar. Sci.* **59**, 498-507.

Gitschlag, G.R. 1996. Migration and diving behavior of Kemp's ridley (Garman) sea turtles along the U.S. southeastern Atlantic coast. *J. Exp. Mar. Biol. Ecol.* **205**, 115-135.

Gitschlag, G.R., Herczeg, B.A. & Barcak, T.R. 1997. Observations of sea turtles and other marine life at the explosive removal of offshore oil and gas structures in the Gulf of Mexico. *Gulf Res. Rep.* **9**, 247-262.

Grant, P.R. & Grant, B.R. 1997. Hybridization, sexual imprinting, and mate choice. *American Naturalist* **149**, 1-28.

H\*kanson, L. 1996. A simple model to predict the duration of the mercury problem in Sweden. *Ecol. Model.* **93**, 251-262.

Hall, J.A.e.al. 1996. Effects of metal contamination on macrobenthos of two North Sea estuaries. *ICES J. Mar. Sci.* **53**, 1014-1023.

Harcourt, A.H. 1997. Sperm competition in primates. *American Naturalist* **149**, 189-194.

Havens, K.E. 1997. Unique structural properties of pelagic food webs. *Oikos* **78**, 75-80.

- Hays, G.C. 1996. Large-scale patterns of diel vertical migration in the North Atlantic. *Deep Sea Res.* **43**, 1601-1615.
- Haywood, M.D.E. & Pendrey, R.C. 1996. A new design for a submersible chronographic tethering device to record predation in different habitats. *Marine Ecology Progress Series* **143**, 307-312.
- Hendry, A.P. & Quinn, T.P. 1997. Variation in adult life history and morphology among Lake Washington sockeye salmon (*Oncorhynchus nerka*) populations in relation to habitat features and ancestral affinities. *Can. J. Fish. Aquat. Sci.* **54**, 75-84.
- Hindell, M.A. & Pemberton, D. 1997. Successful use of a translocation program to investigate diving behavior in a male Australian fur seal, *Arctocephalus pusillus doriferus*. *Mar. Mammal Sci.* **13**, 219-228.
- Hoberg, E.P.e.al. 1997. Intestinal helminths of river otters (*Uutra canadensis*) from the Pacific Northwest. *J. Parasitol.* **83**, 105-110.
- Hochberg, M.E. 1996. An integrative paradigm for the dynamics of monophagous parasitoid-host interactions. *Oikos* **77**, 556-560.
- Houston, A.I., Welton, N.J. & McNamara, J.M. 1997. Acquisition and maintenance costs in the long-term regulation of avian fat reserves. *Oikos* **78**, 331-340.
- Hussain, S.A. & Choudhury, B.C. 1997. Distribution and status of the smooth-coated otter (*Uutra perspicillata*) in National Chambal Sanctuary, India. *Biol. Conserv.* **80**, 199-206.
- Il'ichev, V.G. 1996. Mathematical problems of biological competition theory in changing environment. *Ecol. Model.* **93**, 191-201.
- Inada, H. 1996. Retinomotor response and retinal adaptation of Japanese common squid (*Todarodes pacificus*) at capture with jigs. *Fish. Sci.* **62**, 663-669.
- Iwasa, M., Atkinson, S. & Kamiya, S. 1997. Lipofuscin granular cells in regressing corpora lutea and corpora albicantia of ovaries from wild Hawaiian monk seals (*Monachus schauinslandi*). *Mar. Mammal Sci.* **13**, 326-332.
- Jackson, L.J. 1996. A simulation model of PCB dynamics in the Lake Ontario pelagic food web. *Ecol. Modelling* **93**, 43-56.
- Jaquet, N., Whitehead, H. & Lewis, M. 1996. Coherence between 19th century sperm whale distributions and satellite-derived pigments in the tropical Pacific. *Marine Ecology Progress Series* **145**, 1-10.
- Jenning, S. & Polunin, N.V.C. 1996. Fishing strategies, fishery development and socioeconomics in traditionally managed Fijian fishing grounds. *Fish. Manage. Ecol.* **3**, 335-347.
- Jiang, Q. 1996. A study of the specification of the log-log and log-additive models for the relationship between blood lead and environmental lead. *J. Agric. Biol. Environ. Stat.* **1**, 426-434.
- Kastelein, R. A., M. J. Bakker and C. Staal .1997. The rehabilitation and release of stranded harbour porpoises (*Phocoena phocoena*), pp. 9-61 In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors. Woerden, The Netherlands, De Spil.
- Kastelein, R. A., J. Hardeman and H. Boer .1997. Food consumption and body weight of harbour porpoises (*Phocoena phocoena*), pp. 217-233 In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors. Woerden, The Netherlands, De Spil.

Kastelein, R. A., S. H. Nieuwstraten and M. W. A. Versteegen .1997. Passage time of carmine red dye through the digestive tract of harbour porpoises ({IPhocoena phocoena}), pp. 265-275 *In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors.* Woerden, The Netherlands, De Spil.

Kastelein, R. A. and C. Staal .1997. Swimming behaviour of harbour porpoises ({IPhocoena phocoena}) under different conditions in human care, pp. 235-253 *In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors.* Woerden, The Netherlands, De Spil.

Kastelein, R. A. et al. 1997. The ability of a harbour porpoise ({IPhocoena phocoena}) to discriminate between objects buried in sand, pp. 329-340 *In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors.* Woerden, The Netherlands, De Spil.

Kastelein, R. A. et al. 1997. An anatomical atlas of an adult female harbour porpoise ({IPhocoena phocoena}), pp. 87-178 *In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors.* Woerden, The Netherlands, De Spil.

Kastelein, R. A. et al. 1997. Blubber thickness in harbour porpoises ({IPhocoena phocoena}), pp. 179-199 *In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors.* Woerden, The Netherlands, De Spil.

Kastelein, R. A. et al. 1997. Detection of bone conductor signals by a harbour porpoise ({IPhocoena phocoena}), pp. 313-327 *In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors.* Woerden, The Netherlands, De Spil.

Kastelein, R. A. et al. 1997. The effects of various sounds on a harbour porpoise ({IPhocoena phocoena}), pp. 367-383 *In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors.* Woerden, The Netherlands, De Spil.

Kastelein, R. A. et al. 1997. Low-frequency aerial hearing of a harbour porpoise ({IPhocoena phocoena}), pp. 295-312 *In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors.* Woerden, The Netherlands, De Spil.

Kastelein, R. A. et al. 1997. A method for tube-feeding juvenile harbour porpoises ({IPhocoena phocoena}), pp. 63-83 *In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors.* Woerden, The Netherlands, De Spil.

Kastelein, R. A. et al. 1997. Pressure changes in the mouth of a feeding harbour porpoise ({IPhocoena phocoena}), pp. 279-291 *In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors.* Woerden, The Netherlands, De Spil.

Kastelein, R. A. et al. 1997. Respiration in harbour porpoises ({IPhocoena phocoena}), pp. 203-215 *In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors.* Woerden, The Netherlands, De Spil.

Kastelein, R. A. et al. 1997. The response of a harbour porpoise ({IPhocoena phocoena}) to nets of various mesh sizes, with and without deterring sound, pp. 385-409 *In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors.* Woerden, The Netherlands, De Spil.

Kastelein, R. A. et al. 1997. Skin surface temperature changes in a harbour porpoise ({IPhocoena phocoena}) while on land, pp. 255-264 *In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors.* Woerden, The Netherlands, De Spil.

Kerr, J.T. & Packer, L. 1997. Habitat heterogeneity as a determinant of mammal species richness in high-energy regions. *Nature* **385**, 252-254.

Kerr, R.A. 1997. A new driver for the Atlantic's moods and Europe's weather? [North Atlantic Oscillation]. *Science* **275**, 754-755.

Kiernan, V. 1997. Is the frozen north in hot water? [global warming]. *New Sci.* **153**, 10.

- Kim, E.Y.e.al. 1996. Specific accumulation of mercury and selenium in seabirds. *Environ. Pollut.* **94**, 261-265.
- Kirkpatrick, M. 1996. Good genes and direct selection in the evolution of mating preferences. *Evol.* **50**, 2125-2140.
- Kleiner, K. 1997. Experts at odds over sea lion cull. *New Sci.* **154**, 11.
- Kling, J. 1997. Mixed reviews for habitat plan [habitat conservation plan for Washington state]. *Science* **275**, 749.
- Klingenberg, C.P. 1996. Individual variation of ontogenies: a longitudinal study of growth and timing. *Evol.* **50**, 2412-2428.
- Kollars, T.M.Jr., Lizotte, R.E.Jr. & Wilhelm, W.E. 1997. Gastrointestinal helminths in the river otter (*Lutra canadensis*) in Tennessee. *J. Parasitol.* **83**, 158-160.
- Krivan, V. 1997. Dynamic ideal free distribution: effects of optimal patch choice on predator-prey dynamics. *American Naturalist* **149**, 164-178.
- Labat, J.P. & Cuzin-Roudy, J. 1996. Population dynamics of the krill *Meganyctiphanes norvegica* (M. Sars, 1857) (Crustacea: Euphausiacea) in the Ligurian Sea (NW Mediterranean Sea), size structure, growth and mortality modelling. *J. Plankton Res.* **18**, 2295-2312.
- Le Maho, Yvon and Gérard Dewasmes .1984. Energetics of walking in penguins, pp. 235-243 In: G. Causey Whittow and Hermann Rahn, editors. New York, Plenum Press.
- Levin, S.A. 1997. Human perspectives on the environment. *Trends in Ecology and Evolution* **12**, 91-92.
- Lilly, George R. 1996. Predator-prey relationships of juvenile walleye pollock, *Theragra chalcogramma*: summary and recommendations for future research, pp. 205-208 In: Richard D. et al. Brodeur, editor. Seattle, WA, U.S. Department of Commerce.
- Long, D.J. 1993. Preliminary list of the marine fishes and other vertebrate remains from the late Pleistocene Palos Verdes Sand formation at Costa Mesa, Orange County, California. *PaleoBios* **15**, 9-13.
- Long, Douglas J. 1996. Records of white shark-bitten leatherback sea turtles along the central California coast, pp. 317-319 In: A. Peter Klimley and David G. Ainley, editors. San Diego, CA, Academic Press.
- Long, D.J. & Gilbert, L. 1997. California sea lion predation on chicks of the common murre. *J. Field. Ornithol.* **68**, 152-154.
- Long, Douglas J. and Robert E. Jones .1996. White shark predation and scavenging on cetaceans in the eastern North Pacific Ocean, pp. 293-307 In: A. Peter Klimley and David G. Ainley, editors. San Diego, CA, Academic Press.
- Long, D.J. & Spencer, C.L. 1995. Scientific note: Cowsharks (Hexanchidae) as predators on the harbor seals (*Phoca vitulina richardsi*) in San Francisco Bay, California. *Chondros* **6**, 9.
- Long, Douglas J. et al. 1996. White shark predation on four pinniped species in central California waters: geographic and temporal patterns inferred from wounded carcasses, pp. 263-274 In: A. Peter Klimley and David G. Ainley, editors. San Diego, CA, Academic Press.
- Long, J.H.Jr.e.al. 1997. Locomotor design of dolphin vertebral columns: bending mechanics and morphology of *Delphinus delphis*. *J. Exper. Biol.* **200**, 65-81.

- Lowry, Lloyd F., Vladimir N. Burkanov and Kathryn J. Frost .1996. Importance of walleye pollock, {I<sub>T</sub>heragra chalcogramma} in the diet of phocid seals in the Bering Sea and northwestern Pacific Ocean, pp. 141-151 *In:* Richard D. et al. Brodeur, editor. Seattle, WA, U.S. Department of Commerce.
- Lydersen, C.e.al. 1996. Energy intake and utilisation by nursing bearded seal ({I<sub>E</sub>rignathus barbatus}) pups from Svalbard, Norway. *J. Comp. Physiol. B* **166**, 405-411.
- Marcogliese, D.J. 1996. Transmission of the sealworm, {I<sub>P</sub>sudoterranova diciiens} (Drabbe), from invertebrates to fish in an enclosed brackish pond. *J. Exp. Mar. Biol. Ecol.* **205**, 205-219.
- Martinez, M.M. 1996. Issues for aquatic pedestrian locomotion. *Am. Zool.* **36**, 619-627.
- McDermott, S.F. & Lowe, S.A. 1997. The reproductive cycle and sexual maturity of Atka mackerel, {I<sub>P</sub>leurogrammus monopterygius}, in Alaska waters. *Fish. Bull.* **95**, 321-333.
- Mcdonald, T.L., Birkes, D.S. & Urquhart, N.S. 1996. Obtaining species: sample size considerations. *Environ. Ecol. Stat.* **3**, 329-347.
- McFee, Wayne E. et al. 1996. *Investigation of Marine Mammal Entanglement Associated With a Seasonal Coastal Net Fishery*. Charleston, SC, U.S. Department of Commerce. (NOAA Technical Memorandum NMFS-SEFSC-386) 104p. SH11 .A3441 no.386
- McNutt, J.W. 1996. Sex-biased dispersal in African wild dogs, {I<sub>L</sub>ycaon pictus}. *Anim. Behav.* **52**, 1067-1077.
- Mealey, E. 1997. Broken ice, but what does it mean? [Antarctic ice rifts]. *New Sci.* **153**, 11.
- Merrick, Richard L. and Donald G. Calkins .1996. Importance of juvenile walleye pollock, {I<sub>T</sub>heragra chalcogramma}, in the diet of Gulf of Alaska Steller sea lions, {I<sub>E</sub>umetopias jubatus}, pp. 153-166 *In:* Richard D. et al. Brodeur, editor. Seattle, WA, U.S. Department of Commerce.
- Moore, Michael J. et al.Cruise Report RV Abel-J Cruise 97-01 January 22 to February 17, 1997 from Stanley, Falkland islands to the historic whaling grounds north of South Georgia . 97. Woods Hole Oceanographic Institution, Woodshole, MA. 7p. + tables and figures.
- Moreno, J.e.al. 1997. The effect of hatching date and parental quality on chick growth and creching age in the chinstrap penguin ({I<sub>P</sub>ygoscelsis antarctica}): a field experiment. *Auk* **114**, 47-54.
- Myers, R.A. & Hoenig, J.M. 1997. Direct estimates of gear selectivity from multiple tagging experiments. *Can. J. Fish. Aquat. Sci.* **54**, 1-9.
- Nakaya, K. 1996. A fatal shark attack in Aichi Prefecture, Japan, with other confirmed attack cases in Japanese waters. *Fish. Sci.* **62**, 830-831.
- Nathanielsz, P.W. 1996. The timing of birth. *Am. Sci.* **84**, 562-569.
- Oberg, A.L., Young, L.J. & Higley, L.G. 1996. A comparison of two measures of competition. *J. Agric. Biol. Environ. Stat.* **1**, 393-403.
- Opalinski, K.W., Maciejewska, K. & Georgieva, L.V. 1997. Notes on food selection in the Antarctic krill, {I<sub>E</sub>uphausia superba}. *Polar Biology* **17**, 350-357.
- Palmer, J.D. 1996. Time, tide and the living clocks of marine organisms. *Am. Sci.* **84**, 570-578.

- Palomares-Garcia, R. & GØmez-Guti\*rrez, J. 1996. Copepod community structure at Bahia Magdalena, Mexico during El Niño 1983-84. *Estuarine Coastal Shelf Sci.* **43**, 583-595.
- Pastorino, G. & Griffin, M. 1996. An extant whale barnacle (Cirripedia, Coronulidae) from holocene deposits of Buenos Aires (Argentina). *Crustaceana* **69**, 769-772.
- Pearce, F. 1997. Environmental body goes to pieces [UNEP]. *New Sci.* **153**, 11.
- Pearce, F. 1997. North Sea cod on the brink of collapse. *New Sci.* **153**, 6.
- Pearson-Smrstik, S. Compiler. 1997. *Russian Literature in the National Marine Mammal Laboratory Library*. Seattle, WA, Marinka International. 141p.
- Poulin, R. 1996. Sexual size dimorphism and transition to parasitism in copepods. *Evol.* **50**, 2520-2523.
- Prince, P.A. & Croxall, J.P. 1983. Birds of South Georgia: new records and re-evaluations of status. *Brit. Antarct. Surv. Bull.* **59**, 15-27.
- Prince, P.A. & Payne, M.R. 1979. Current status of birds at South Georgia. *Brit. Antarct. Surv. Bull.* **48**, 103-118.
- Rahmstorf, S. 1997. Ice-cold in Paris [global warming effects]. *New Sci.* **153**, 26-30.
- Ranta, E.e.al. 1997. The Moran effect and synchrony in population dynamics. *Oikos* **78**, 136-142.
- Read, A. J., P. R. Wiepkema andP. E. Nachtigall .1997. The harbour porpoise ({IPhocoena phocoena}), pp. 3-6 In: Andrew J. Read, Piet R. Wiepkema and Paul E. Nachtigall, editors. Woerden, The Netherlands, De Spil.
- Read, Andrew J., Piet R. Wiepkema and Paul E. Nachtigall. 1997. *The Biology of the Harbour Porpoise*. Woerden, The Netherlands, De Spil. 410p. QL737 .C434 B521 1997
- Register, F. 1997. Taking of marine mammals incidental to commercial fishing operations; Atlantic large whale take reduction plan regulations. Proposed rule, request for comments. *Fed. Regist.* **62**, 16519-16538.
- Reynolds, M.H., Cooper, B.A. & Day, R.H. 1997. Radar study of seabirds and bats on windward Hawai`i. *Pac. Sci.* **51**, 97-106.
- Richards, S.A., Possingham, H.P. & Noye, J. 1996. Diel vertical migration: modelling light-mediated mechanisms. *J. Plankton Res.* **18**, 2199-2222.
- Ridgway, S.H. & Carder, D.A. 1997. Hearing deficits measured in some {ITursiops truncatus}, and discovery of a deaf/mute dolphin. *J. Acoust. Soc. Am.* **101**, 590-594.
- Ridoux, V.e.al. 1997. A video sonar as a new tool to study marine mammals in the wild: measurements of dolphin swimming speed. *Mar. Mammal Sci.* **13**, 196-206.
- Rijnsdorp, A.D.e.al. 1996. Changes in abundance of demersal fish species in the North Sea between 1906-1909 and 1990-1995. *ICES J. Mar. Sci.* **53**, 1054-1062.
- Rivers, J.A. 1997. Blue whale, {IBalaenoptera musculus}, vocalizations from the waters off central California. *Mar. Mammal Sci.* **13**, 186-195.
- Robertson, K.M. & Chivers, S.J. 1997. Prey occurrence in pantropical spotted dolphins, {IStenella attenuata}, from the

eastern tropical Pacific. *Fish. Bull.* **95**, 334-348.

Rocha, F. & Guerra, A. 1996. Signs of an extended and intermittent terminal spawning in the squids {ILoligo vulgaris} Lamarck and {ILoligo forbesi} Steenstrup (Cephalopoda: Loliginidae). *J. Exp. Mar. Biol. Ecol.* **207**, 177-189.

Rodway, M.S. & Monteverchi, W.A. 1996. Sampling methods for assessing the diets of Atlantic puffin chicks. *Marine Ecology Progress Series* **144**, 41-55.

Rogers, T.L. & Bryden, M.M. 1997. Density and haul-out behavior of leopard seals ({IHydrurga leptonyx}) in Prydz Bay, Antarctica. *Mar. Mammal Sci.* **13**, 293-302.

Rosel, P. E. and Kocher, T. D. A comparison of the genetic composition of northwest and northeast Pacific gray whale, {IEschrichtius robustus}, stocks. 97. Contract report to National Marine Mammal Laboratory, NMFS, [Seattle, WA], April 2, 1997. 9p.

Rosen, D.A.S. & Renouf, D. 1997. Seasonal changes in blubber distribution in Atlantic harbor seals: indicators of thermodynamic considerations. *Mar. Mammal Sci.* **13**, 229-240.

Rothschild, B.J. & Ault, J.S. 1996. Population-dynamic instability as a cause of patch structure. *Ecol. Model.* **93**, 237-249.

Sain, S.R. & Scott, D.W. 1996. On locally adaptive density estimation. *J. Am. Stat. Assoc.* **91**, 1525-1534.

Sandberg, R. & Moore, F.R. 1996. Fat stores and arrival on the breeding grounds: reproductive consequences for passerine migrants. *Oikos* **77**, 577-580.

Schantz, M.M.e.al. 1996. Interlaboratory comparison study for PCB congeners and chlorinated pesticides in beluga whale blubber. *Chemosphere* **33**, 1369-1390.

Schneider, D. 1997. The rising seas. *Sci. Am.* **276**, 112-117.

Scott, T.M. & Sadove, S.S. 1997. Sperm whale, {IPhyseter macrocephalus}, sightings in the shallow shelf waters off Long Island, New York. *Mar. Mammal Sci.* **13**, 317-321.

Sekiguchi, K. & Best, P.B. 1997. In vitro digestibility of some prey species of dolphins. *Fish. Bull.* **95**, 386-393.

Sinclair, Elizabeth H., George A. Antonelis, Bruce W. Robson, Rolf R. Ream and Thomas R. Loughlin .1996. Northern fur seal, {ICallorhinus ursinus}, predation on juvenile walleye pollock, {ITheragra chalcogramma} , pp. 167-178 *In:* Richard D. et al. Brodeur, editor. Seattle, WA, U.S. Department of Commerce.

Smith, F.A., Brown, J.H. & Valone, T.J. 1997. Path analysis: a critical evaluation using long-term experimental data. *American Naturalist* **149**, 29-42.

Smith, W., Solow, A.R. & Preston, P.E. 1996. An estimator of species overlap using a modified beta-binomial model. *Biometrics* **52**, 1472-1477.

Sogard, S.M. & Olla, B.L. 1996. Diel patterns of behavior in juvenile walleye pollock, {ITheragra chalcogramma}. *Environ. Biol. Fishes* **47**, 379-386.

Springer, Alan M. 1996. Prerecruit walleye pollock, {ITheragra chalcogramma}, in seabird food webs of the Bering Sea, pp. 198-201 *In:* Richard D. et al. Brodeur, editor. Seattle, WA, U.S. Department of Commerce.

Stacey, P.J., Duffus, D.A. & Baird, R.W. 1997. A preliminary evaluation of incidental mortality of small cetaceans in coastal fisheries in British Columbia, Canada. *Mar. Mammal Sci.* **13**, 321-326.

Starfield, Anthony M., Karl A. Smith and Andrew L. Bleloch. 1994. *How to Model It: Problem Solving for the Computer Age*. New York, McGraw Hill. 206p. + 3.5" diskp. QA76.9 .C65S74 1994

Stark, James. 1997. *Report to Industry: Fishing Log for the 1996 Bottom Trawl Survey of the Gulf of Alaska*. Seattle, WA, U.S. Department of Commerce. (AFSC Processed Report 97-05) 195p. SH11 .A36 no.365

Stenson, G.B.e.al. 1997. Pup production and population growth of hooded seals (*Cystophora cristata*) near Newfoundland, Canada. *Can. J. Fish. Aquat. Sci.* **54**, 209-216.

Stone, L., Dayan, T. & Simberloff, D. 1996. Community-wide assembly patterns unmasked: the importance of species differing geographical ranges. *American Naturalist* **148**, 997-1015.

Suzik, H.A. 1997. Unraveling the manatee mystery. *Journal of the American Veterinary Medical Association* **210**, 740.

Swart, J. & Lawes, M.J. 1996. The effect of habitat patch connectivity on samango monkey (*Cercopithecus mitis*) metapopulation persistence. *Ecol. Modelling* **93**, 57-74.

Tollit, D.J.e.al. 1997. Species and size differences in the digestion of otoliths and beaks: implications for estimates of pinniped diet composition. *Can. J. Fish. Aquat. Sci.* **54**, 105-119.

Turchin, P. & Ostfeld, R.S. 1997. Effects of density and season on the population rate of change in the meadow vole. *Oikos* **78**, 355-361.

U.S. Department of Commerce and Resource Assessment and Conservation Engineering Division. 1997. *ADP Code Book*. Seattle, WA, U.S. Department of Commerce. 91p.

U.S. Department of Commerce and Resource Assessment and Conservation Engineering Division. 1997. *Species Code Book*. Seattle, WA, U.S. Department of Commerce. 103p.

Update, Endangered Species. 1996. *Special Issue: Conservation and Management of the Southern Sea Otter*. Ann Arbor, MI, University of Michigan, Monterey Bay Aquarium. 91p. QH81.5 .E54 v.13 no.12

van Franeker, J.A., Bathmann, U.V. & Mathot, S. 1997. Carbon fluxes to Antarctic top predators. *Deep-Sea Research II* **44**, 435-455.

van Hensbergen, H.J., Berry, M.P.S. & Juritz, J. 1996. Helicopter-based line-transect estimates of some Southern African game populations. *S. Afr. J. Wildl. Res.* **26**, 81-87.

Vermeer, Kees and Ken H. Morgan. 1997. *The Ecology, Status, and Conservation of Marine and Shoreline Birds of the Queen Charlotte Islands*. Ottawa, Ontario, Canada, Canadian Wildlife Service. (Canadian Wildlife Service, Occasional Paper No. 93) 150p. SH223 .W64o no.93

Vincent, T.L.S.e.al. 1996. Trade-offs and coexistence in consumer-resource models: it all depends on what and where you eat. *American Naturalist* **148**, 1038-1058.

Wang, Y. 1996. A likelihood ratio test against stochastic ordering in several populations. *J. Am. Stat. Assoc.* **91**,

1676-1683.

Watanuki, Y.e.al. 1997. Diving and foraging behaviour of Ad\*lie penguins in areas with and without fast sea-ice. *Polar Biology* **17**, 296-304.

Watson, M. 1997. Where fish may safely graze ["no take" marine areas]. *New Sci.* **153**, 46.

Wedell, N. 1996. Mate quality affects reproductive effort in a paternally investing species. *American Naturalist* **148**, 1075-1088.

Weeks, W.W. 1997. Beyond the ark. *Nature Conservancy* **47**, 10-15.

Weimerskirch, H., Brothers, N. & Jouventin, P. 1997. Population dynamics of wandering albatross {IDiomeda exulans} and Amsterdam albatross {ID. amsterdamensis} in the Indian Ocean and their relationships with long-line fisheries: conservation implications. *Biol. Conserv.* **79**, 257-270.

Westlake, R.L., Perryman, W.L. & Ono, K.A. 1997. Comparison of vertical aerial photographic and ground censuses of Steller sea lions at APo Nuevo Island, July 1990-1993. *Mar. Mammal Sci.* **13**, 207-218.

Westra, L. 1996. Ecosystem integrity and the "fish wars". *J. Aquat. Ecosystem Health* **5**, 275-282.

Whitehead, H.e.al. 1997. Population analysis of northern bottlenose whales in the Gully, Nova Scotia. *Mar. Mammal Sci.* **13**, 173-185.

Wickens, P. & York, A.E. 1997. Comparative population dynamics of fur seals. *Mar. Mammal Sci.* **13**, 241-292.

Wiens, John A. 1984. Modelling the energy requirements of seabird populations, pp. 255-284 In: G. Causey Whittow and Hermann Rahn, editors. New York, Plenum Press.

Williams, H.A. & Lowe, M.K. 1997. Growth rates of four Hawaiian deep slope fishes: a comparison of methods for estimating age and growth from otolith microincrement widths. *Can. J. Fish. Aquat. Sci.* **54**, 126-136.

Williams, Jeffrey C. et al. 1997. *The Status of Kittiwakes and Murres at Buldir Island, Alaska in 1995*. Adak, AK, U.S. Fish and Wildlife Service. (U.S. Fish and Wildlife Service Report AMNWR 97/04) 55p.

Wilson, R.P.e.al. 1997. Southern rockhopper penguin {IEudyptes chrysocome chrysocome} foraging at Possession Island. *Polar Biology* **17**, 323-329. With, K.A. & Crist, T.O. 1996. Translating across scales: simulating species distributions as the aggregate response of individuals to heterogeneity. *Ecol. Model.* **93**, 125-137.

With, K.A., Gardner, R.H. & Turner, M.G. 1997. Landscape connectivity and population distributions in heterogeneous environments. *Oikos* **78**, 151-169. Woehler, E.J. 1997. Seabird abundance, biomass and prey consumption within Prydz Bay, Antarctica, 1980 1981-1992/1993. *Polar Biology* **17**, 371-383.

Wotton, J.M., Jenison, R.L. & Hartley, D.J. 1997. The combination of echolocation emission and ear reception enhances directional spectral cues of the big brown bat, {IEptesicus fuscus}. *J. Acoust. Soc. Am.* **101**, 1723-1733. Wuerthner, G. 1996. Alien invasion. *Natl. Parks* **70**, 32-35.

Wynn-Williams, D.D. 1996. Antarctic microbial diversity: the basis of polar ecosystem processes. *Biodiversity Conserv.* **5**, 1271-1293.

Zhao, L.P., Lipsitz, S. & Lew, D. 1996. Regression analysis with missing covariate data using estimating equations. *Biometrics* **52**, 1165-1182.