

NMML Acquisitions: February 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.

Aguilar, R.F. & Mikota, S.K. 1996. To reach beyond: a North American perspective on conservation outreach. *J. Zoo & Wildl. Med.* **27**, 301-302.

Alverson, D.L. & Hughes, S.E. 1996. Bycatch: from emotion to effective natural resource management. *Rev. Fish Biol. Fish.* **6**, 443-462.

Anderson, D.W., Gress, F. & Fry, D.M. 1996. Survival and dispersal of oiled brown pelicans after rehabilitation and release. *Mar. Pollut. Bull.* **32**, 711-718.

Anderson, H.F. & Rawson, A.J. 1997. Volvulus with necrosis of intestine in {*IStenella attenuata*}. *Mar. Mammal Sci.* **13**, 147-149.

Anderson, W.L., Robertson, D.M. & Magnuson, J.J. 1996. Evidence of recent warming and El Niño-related variations in ice breakup of Wisconsin lakes. *Limnol. Oceanogr.* **41**, 815-821.

Arhipkin, A. 1996. Geographical variation in growth and maturation of the squid {*Illex coindetii*} (Oegopsida, Ommastrephidae) off the north-west African coast. *J. Mar. Biol. Assoc. U.K.* **76**, 1091-1106.

Baird, Robin W. and Hanson, M. BradleyDall's porpoise diving behavior and reactions to tagging attempts using a remotely-deployed suction-cup tag. 96. Unpublished contract report, 16p. + figures.

Barlow, J., Gerrodette, T. & Silber, G. 1997. First estimates of vaquita abundance. *Mar. Mammal Sci.* **13**, 44-58.

Barnett, A. 1997. Pouting whales are suckers for squid [suction feeding in beaked whales]. *New Sci.* **153**, 17.

Bawa, K.S. & Menon, S. 1997. Biodiversity monitoring: the missing ingredients. *Trends in Ecology and Evolution* **12**, 42.

Beardsley, R.C.e.al. 1996. Spatial variability in zooplankton abundance near feeding right whales in the Great South Channel. *Deep-Sea Research II* **43**, 1601-1625.

Bednekoff, P.A. & Balda, R.P. 1996. Observational spatial memory in Clark's nutcrackers and Mexican jays. *Anim. Behav.* **52**, 833-839.

Bednekoff, P.A. 1996. Risk-sensitive foraging, fitness, and life histories: where does reproduction fit into the big picture? *Amer. Zool.* **36**, 471-483.

Beja, P.R. 1996. An analysis of otter {*Ilutra lutra*} predation on introduced American crayfish {*IProcembarus clarkii*} in Iberian streams. *J. Appl. Ecol.* **33**, 1156-1170.

Bekoff, Marc and Dale Jamieson .1996. Ethics and the study of carnivores: doing science while respecting animals, pp. 15-45 *In:* John L. Gittleman, editor. Ithaca, NY, Comstock Publishing Assoc., Cornell University Press.

Berger, J. 1996. Animal behaviour and plundered mammals: is the study of mating systems a scientific luxury or a conservation necessity? *Oikos* **77**, 207-216.

- Biknevicius, Audrone R. and Blaire Van Valkenburgh .1996. Design for killing: craniodental adaptations of predators, pp. 393-428 *In: John L. Gittleman, editor. Ithaca, NY, Comstock Publishing Associates, Cornell University Press.*
- Blackburn, T.M. & Gaston, K.J. 1996. Spatial patterns in the geographic range sizes of bird species in the New World. *Philosophical Transactions of the Royal Society of London B Biological Sciences* **351**, 897-912.
- Bornemann, H., Mohr, E. & Pl*tz, J. 1997. Why does apomorphine fail in Weddell seals? *Polar Biology* **17**, 188-190.
- Bowker, D.W. 1996. The bias associated with the dispersion of length at age in the estimation of growth and mortality parameters from uni-modal length-frequency data. *J. Fish Biol.* **49**, 743-747.
- Boyd, P. & Newton, P. 1997. Measuring biogenic carbon flux in the ocean. *Science* **275**, 554.
- Brierley, A.S.e.al. 1996. Biochemical genetic evidence supporting the taxonomic separation of {*Loligo edulis*} and {*Loligo chinensis*} (Cephalopoda: Teuthoidea) from the genus {*Loligo*}. *Mar. Biol.* **127**, 97-104.
- Brodeur, R.D. & Wilson, M.T. 1996. Mesoscale acoustic patterns of juvenile walleye pollock ({*Theragra chalcogramma*}) in the western Gulf of Alaska. *Can. J. Fish. Aquat. Sci.* **53**, 1951-1963.
- Browman, H.I. 1996. Predator-prey interactions in the sea: commentaries on the role of turbulence. *Marine Ecology Progress Series* **139**, 301-302.
- Buntin, John D. 1996. Neural and hormonal control of parental behavior in birds, pp. 161-213 *In: Jay S. Rosenblatt and Charles T. Snowdon, editors. San Diego, CA, Academic Press.*
- Calzada, N.e.al. 1996. Reproductive biology of female striped dolphin ({*Stenella coeruleoalba*}) from the western Mediterranean. *Journal of Zoology, London* **240**, 581-591.
- Campfens, J. & Mackay, D. 1997. Fugacity-based model of PCB bioaccumulation in complex aquatic food webs. *Environ. Sci. Technol.* **31**, 577-583.
- Carey, A.B. & Curtis, R.O. 1996. Conservation of biodiversity: a useful paradigm for forest ecosystem management. *Wildlife Society Bulletin* **24**, 610-620.
- Carrick, Robert .1972. Population ecology of the Australian black-backed magpie, royal penguin, and silver gull , pp. 41-99. U.S. Department of the Interior.
- Carrie, N.R.e.al. 1996. Long-distance homing of a translocated red-cockaded woodpecker. *Wildlife Society Bulletin* **24**, 607-609.
- Cartar, R.V. & Smallwood, P.D. 1996. Risk-sensitive behavior: where do we go from here? *Amer. Zool.* **36**, 530-531.
- Castellini, M.A. & Zenteno-Savin, T. 1997. Heart rate scaling with body mass in pinnipeds. *Mar. Mammal Sci.* **13**, 149-155.
- Childerhose, R. J. and Marj Trim. 1979. *Pacific Salmon & Steelhead Trout*. Seattle, WA, University of Washington Press. 158p. QL638 .S2C43 1979
- Chinn, H. & Bledsoe, C. 1997. Internet access to ecological information - the US LTER all-site bibliography

project. *BioSci.* **47**, 50-57.

Christal, J. & Whitehead, H. 1997. Aggregations of mature male sperm whales on the Galápagos Islands breeding ground. *Mar. Mammal Sci.* **13**, 59-69.

Clarke, M.R. 1996. Cephalopods as prey. III. Cetaceans. *Philos. Trans. R. Soc. Lond. B* **351**, 1053-1065.

Clarke, M.R. 1996. The role of cephalopods in the world's oceans: an introduction. *Philos. Trans. R. Soc. Lond. B* **351**, 979-983.

Clarke, M.R. 1996. The role of cephalopods in the world's oceans: general conclusions and the future. *Philos. Trans. R. Soc. Lond. B* **351**, 1105-1112.

Clayton, N.S. & Cristol, D.A. 1996. Effects of photoperiod on memory and food storing in captive marsh tits, {*Parus palustris*}. *Anim. Behav.* **52**, 715-726.

Clutton-Brock, T.H.e.al. 1996. Population fluctuations, reproductive costs and life-history tactics in female Soay sheep. *J. Anim. Ecol.* **65**, 675-689.

Collins, M.A. & Pierce, G.J. 1996. Size selectivity in the diet of {*Loligo forbesi*} (Cephalopoda: Loliginidae). *J. Mar. Biol. Assoc. U.K.* **76**, 1081-1090.

Connor, Richard C. and Dawn Michkethwaite Peterson. 1994. *The Lives of Whales and Dolphins*. New York, Henry Holt and Co. 233p. QL737 .C4C595 1994

Cox, D. 1996. National Oceanic Environmental Monitoring System: ocean acoustic observatory for government, private sector use; mammals fish seismology, climatology, environment monitoring anticipated areas of application. *Sea Technol.* **37**, 51-52.

Crocker, D.E., Le Boeuf, B.J. & Costa, D.P. 1997. Drift diving in female northern elephant seals: implications for food processing. *Can. J. Zool.* **75**, 27-39.

Croxall, J.P. & Prince, P.A. 1996. Cephalopods as prey. I. Seabirds. *Philosophical Transactions of the Royal Society of London B Biological Sciences* **351**, 1023-1043.

Cruwys, E., Robinson, K. & Boyd, I.L. 1997. Measurements of calcium and phosphorus concentrations in the neonatal dentine of Weddell and crabeater seals using energy-dispersive x-ray analysis. *Polar Rec.* **33**, 21-28.

Cushing, J.M.e.al. 1996. An interdisciplinary approach to understanding nonlinear ecological dynamics. *Ecol. Modelling* **92**, 111-119.

Danielsen, F.e.al. 1990. Marine distribution of seabirds in the Northeast Atlantic between Iceland and Scotland, June-September 1987 and 1988. *Dansk Orn. Foren. Tidsskr.* **84**, 45-63.

Dayan, Tamar and Daniel Simberloff .1996. Patterns of size separation in carnivore communities, pp. 243-266 *In*: John L. Gittleman, editor. Ithaca, NY, Comstock Publishing Assoc., Cornell University Press.

de Moreno, J.E.A.e.al. 1997. Heavy metals in Antarctic organisms. *Polar Biology* **17**, 131-140.

DeLong, D.C.Jr. 1996. Defining biodiversity. *Wildlife Society Bulletin* **24**, 738-749.

DeMaster, D. & Klinger, T. 1996. Graduate admissions: what works? *Mar. Mammal Soc. Newsl.* **4**, 4-6.

- Dobson, A.P.e.al. 1997. Geographic distribution of endangered species in the United States. *Science* **275**, 550-553.
- Donahue, Meghan and Elizabeth F. Edwards. 1996. *An Annotated Bibliography of Available Literature Regarding Cetacean Interactions With Tuna Purse-Seine Fisheries Outside of the Eastern Tropical Pacific Ocean* . La Jolla, CA, U.S. Department of Commerce. (Southwest Fisheries Science Center Administrative Report LJ-96-20) 46p. +figuresp.
- Duignan, P.J.e.al. 1997. Epizootiology of morbillivirus infection in harp, hooded, and ringed seals from the Canadian Arctic and western Atlantic. *J. Wildl. Dis.* **33**, 7-19.
- Durinck, J. & Falk, K. 1996. The distribution and abundance of seabirds off southwestern Greenland in autumn and winter 1988-1989. *Polar Res.* **15**, 23-42.
- Ebberts, B. D. and B. L. Wing. 1997. *Diversity and Abundance of Neustonic Zooplankton in the North Pacific Subarctic Frontal Zone*. Juneau, AK, U.S. Department of Commerce. (NOAA Technical Memorandum NMFS-AFSC-70) 34p.p. SH11 .A365a no.70
- Eduljee, G.H. & Gair, A.J. 1996. Validation of a methodology for modelling PCDD and PCDF intake via the foodchain. *Science of the Total Environment* **187**, 211-229.
- Edwards, Elizabeth F. 1996. *Separation/Attraction Research on the Tuna-Dolphin Bond: Review and Criteria for Future Proposals*. La Jolla, CA, U.S. Department of Commerce. (Southwest Fisheries Science Center Administrative Report LJ-96-17) 25p.
- Ellis, T. M. R., Ivor R. Philips and Thomas M. Lahey. 1994. *Fortran 90 Programming*. Reading, MA, Adison-Wesley. (International computer science series) 825p. QA76.73 .F25 E435 1994
- Emery, M. 1960. Did killer whales commit suicide? Mystery of Von Donop Lagoon [British Columbia, Canada]. *Daily Colonist (Victoria, BC)* **Sept. 18**, 3, 6.
- Entwistle, A.C., Racey, P.A. & Speakman, J.R. 1996. Habitat exploitation by a gleaning bat, {IPlecotus auritus}. *Philosophical Transactions of the Royal Society of London B Biological Sciences* **351**, 921-931.
- Ess, C. 1997. "Uplisting" of Steller sea lions spurs debate. *Pacific Fishing* **18**, 16.
- Fairbanks, Lynn A. 1996. Individual differences in maternal style: causes and consequences for mothers and offspring, pp. 579-611 *In*: Jay S. Rosenblatt and Charles T. Snowdon, editors. San Diego, CA, Academic Press.
- Faith, D.P. 1997. Biodiversity, biospecifics, and ecological services. *Trends in Ecology and Evolution* **12**, 66.
- Farrow, S. 1996. Marine protected areas: emerging economics. *Mar. Policy* **20**, 439-446.
- Ferguson, S.H. & Messier, F. 1996. Ecological implications of a latitudinal gradient in inter-annual climatic variability: a test using fractal and chaos theories. *Ecography* **19**, 382-392.
- Fleming, Alison S., Hywel D. Morgan and Carolyn Walsh .1996. Experiential factors in postpartum regulation of maternal care, pp. 295-332 *In*: Jay S. Rosenblatt and Charles T. Snowdon, editors. San Diego, CA, Academic Press.
- Fredman, Peter and Mattias Boman. 1994. *Endangered Species and Optimal Environmental Policy*. Umea, Sweden, Sveriges Lantbruksuniversitet, Intitutionen f*r Skogsekonomi (Swedish University of Agricultural Sciences, Department of Forest Economics). (Arbetsrapport 205 (Working Report)) 11p.
- Froneman, P. & Perissinotto, R. 1996. Microzooplankton grazing in the Southern Ocean: implications for the

carbon cycle. *Pubbl. Stazione Zool. Napoli I: Mar. Ecol.* **17**, 99-115.

Galef, B.G.Jr. 1996. The adaptive value of social learning: a reply to Laland. *Anim. Behav.* **52**, 641-644.

Gaston, K.J. & Blackburn, T.M. 1996. Global scale macroecology: interactions between population size, geographic range size and body size in the Anseriformes. *J. Anim. Ecol.* **65**, 701-714.

Gauldie, R.W. 1996. Effects of temperature and vaterite replacement on the chemistry of metal ions in the otoliths of {*IOnchorhynchus tshawytscha*}. *Can. J. Fish. Aquat. Sci.* **53**, 2015-2026.

Gearin, Patrick J. and DeMaster, Douglas Gray whales in Washington state. 96. Working document submitted to International Whaling Commission, SC/48/AS18, 7p.

Geisler, J.H. & Luo, Z. 1996. The petrosal and inner ear of {*IHerpetocetus*} sp. (Mammalia: Cetacea) and their implications for the phylogeny and hearing of archaic mysticetes. *J. Paleontol.* **70**, 1045-1066.

Gentry, R.L. & Casanas, V.R. 1997. A new method for immobilizing otariid neonates. *Mar. Mammal Sci.* **13**, 155-157.

Gerrodette, Tim. 1996. *A Comparison of Mortality Limits for Eastern Tropical Pacific Dolphins Under the Declaration of Panama and Under Potential Biological Removal (PBR) Management*. La Jolla, CA, U.S. Department of Commerce. (Southwest Fisheries Science Center Administrative Report LJ-96-18) 10p.

GESAMP. 1996. *The Contributions of Science to Integrated Coastal Management*. Rome, FAO. (GESAMP Reports and Studies No. 61) 66p. GC1080 .J65a no.61

GESAMP. 1996. *Report of the Twenty-Sixth Session of GESAMP Paris, 25-29 March 1996*. Paris, UNESCO. (GESAMP Reports and Studies No. 60) 29p. GC1080 .J65a no.60

Ghazala, S., Aucoin, J. & Alkanani, T. 1996. Pasteurization effect on fatty acid stability in a {*IIsous vide*} product containing seal meat ({*IPhoca groenlandica*}). *J. Food Sci.* **61**, 520-523.

Gordon, D.M. 1997. The population consequences of territorial behavior. *Trends in Ecology and Evolution* **12**, 63-66.

Gowaty, Patricia Adair .1996. Field studies of parental care in birds: new data focus questions on variation among females, pp. 477-531 *In*: Jay S. Rosenblatt and Charles T. Snowdon, editors. San Diego, CA, Academic Press.

Grandjean, P.e.al. 1995. Relation of a seafood diet to mercury, selenium, arsenic, and polychlorinated biphenyl and other organochlorine concentrations in human milk. *Environmental Research* **71**, 29-38.

Gros, P.M., Kelly, M.J. & Caro, T.M. 1996. Estimating carnivore densities for conservation purposes: indirect methods compared to baseline demographic data. *Oikos* **77**, 197-206.

H*glund, J. 1996. Can mating systems affect local extinction risks? Two examples of lek-breeding waders. *Oikos* **77**, 184-188.

Hall, A.e.al. 1997. Infection, haematology and biochemistry in grey seal pups exposed to chlorinated biphenyls. *Marine Environmental Research* **43**, 81-98.

Hallam, T.G., Trawick, T.L. & Wolff, W.F. 1996. Modeling effects of chemicals on a population: application to a wading bird nesting colony. *Ecol. Modelling* **92**, 155-178.

- Hanley, N.e.al. 1996. Ecological-economic modelling of the conservation of threatened habitats: heather moorland in the northern isles of Scotland. *Biodiversity Conserv.* **5**, 1207-1219.
- Hansen, P. 1988. Bioacoustic publications, 1988. *Bioacoustics* **1**, 61-78.
- Hansen, P. 1996. Recent bioacoustic publications (1995 and earlier). Part II. Non-primate mammals to general. *Bioacoustics* **7**, 151-161.
- Hanski, I. & Gyllenberg, M. 1997. Uniting two general patterns in the distribution of species. *Science* **275**, 397-400.
- Harwood, L.A.e.al. 1996. Distribution and abundance of beluga whales in the Mackenzie estuary, southeast Beaufort Sea, and west Amundsen Gulf during late July 1992. *Can. J. Fish. Aquat. Sci.* **53**, 2262-2273. Hastings, H.M.e.al. 1996. Lack of predictability in model ecosystems based on coupled logistic equations. *Ecol. Modelling* **92**, 209-214.
- Hawkins, A.J.S. & Day, A.J. 1996. The metabolic basis of genetic differences in growth efficiency among marine animals. *J. Exp. Mar. Biol. Ecol.* **203**, 93-115.
- Hays, G.C. & Marsh, R. 1997. Estimating the age of juvenile loggerhead sea turtles in the North Atlantic. *Can. J. Zool.* **75**, 40-46.
- Henriksen, G., Gjertz, I. & Kondakov, A. 1997. A review of the distribution and abundance of harbor seals, {*Phoca vitulina*}, on Svalbard, Norway, and in the Barents Sea. *Mar. Mammal Sci.* **13**, 157-163.
- Hobson, K.A., Sease, J.L., Merrick, R.L. & Piatt, J.F. 1997. Investigating trophic relationships of pinnipeds in Alaska and Washington using stable isotope ratios of nitrogen and carbon. *Mar. Mammal Sci.* **13**, 114-132.
- Hofmeyr, G.J.G., Bester, M.N. & Jonker, F.C. 1997. Changes in population sizes and distribution of fur seals at Marion Island. *Polar Biology* **17**, 150-158.
- Holland, D.S. & Brazee, R.J. 1996. Marine reserves for fisheries management. *Mar. Resour. Econ.* **11**, 157-171.
- Holt, R.D. & Lawton, J.H. 1994. The ecological consequences of shared natural enemies. *Annu. Rev. Ecol. Syst.* **25**, 495-520.
- Horning, M. & Trillmich, F. 1997. Development of hemoglobin, hematocrit, and erythrocyte values in Galápagos fur seals. *Mar. Mammal Sci.* **13**, 100-113.
- Hovorka, M.D., Marks, C.S. & Muller, E. 1996. An improved chemiluminescent tag for bats. *Wildlife Society Bulletin* **24**, 709-712.
- Iredale, Tom and E. le G. Troughton. 1934. *A Check-List of the Mammals Recorded From Australia*. Sydney, Australia, Australian Museum. (Memoir VI) 122p. QL733 .Ir2 1934
- Iredale, T. & Troughton, E.L.G. 1933. The correct generic names for the grampus or killer whale, and the so-called grampus or Risso's dolphin. *Rec. Australian Mus.* **19**, 28-36.
- Janvier, P. 1996. Fishy fragments tip the scales [vertebrate evolution]. *Nature* **383**, 757-758.
- Jefferson, T.A. & Curry, B.E. 1996. Acoustic methods of reducing or eliminating marine mammal-fishery interactions: do they work? *Ocean Coastal Manage.* **31**, 41-70.
- Justic, D., Rabalais, N.N. & Turner, R.E. 1996. Effects of climate change on hypoxia in coastal waters: a doubled

- CO2 scenario for the northern Gulf of Mexico. *Limnol. Oceanogr.* **41**, 992-1003.
- Kacelnik, A. & Bateson, M. 1996. Risky theories - the effects of variance on foraging decisions. *Am. Zool.* **36**, 402-434.
- Kalmer, A.K., Fujita, R.M. & Wurster, C.F. 1996. Seabird by-catch in longline fisheries. *Pac. Seabirds* **23**, 3-6.
- Kannan, K.e.al. 1997. Elevated accumulation of tributyltin and its breakdown products in bottlenose dolphins (*Tursiops truncatus*) found stranded along the U.S. Atlantic and Gulf coasts. *Environ. Sci. Technol.* **31**, 296-301.
- Kerr, R.A. 1996. New way to read the record suggests abrupt extinction [mass extinction]. *Science* **274**, 1303-1304.
- Kilner, R. & Johnstone, R.A. 1997. Begging the question: are offspring solicitation behaviours signals of need? *Trends in Ecology and Evolution* **12**, 11-15.
- Kingsley, Michael C. S. 1996. *Population Index Estimate for the Belugas of the St Lawrence in 1995*. Ottawa, Department of Fisheries and Oceans, Canada. (Canadian Technical Report of Fisheries and Aquatic Sciences 2117) 38p. SH223 .F53t no.2117
- Klages, N.T.W. 1996. Cephalopods as prey. II. Seals. *Philos. Trans. R. Soc. Lond. B* **351**, 1045-1052.
- Kleivane, L.e.al. 1997. Organochlorine pesticides and PCBs in the east ice harp seal (*Phoca groenlandica*) population. *Marine Environmental Research* **43**, 117-130.
- Koenig, W.D., Van Vuren, D. & Hooge, P.N. 1996. Detectability, philopatry, and the distribution of dispersal distances in vertebrates. *Trends in Ecology and Evolution* **11**, 514-517.
- Laland, K.N. 1996. Is social learning always locally adaptive? *Anim. Behav.* **52**, 637-640.
- Lancia, R.A.e.al. 1996. Use of catch-effort to estimate population size. *Wildlife Society Bulletin* **24**, 731-737.
- Larsen, A.H.e.al. 1996. Populations genetic analysis of nuclear and mitochondrial loci in skin biopsies collected from central and northeastern North Atlantic humpback whales (*Megaptera novaeangliae*): population identity and migratory destinations. *Proc. R. Soc. Lond. B* **263**, 1611-1618.
- Larson, D.M., House, B.W. & Terry, J.M. 1996. Toward efficient bycatch management in multispecies fisheries: a nonparametric approach. *Mar. Resour. Econ.* **11**, 181-201.
- Lawler, A. 1997. Selling science: at what price? *Science* **275**, 296-297.
- Levin, S.A.e.al. 1997. Mathematical and computational challenges in population biology and ecosystems science. *Science* **275**, 334-343.
- Levins, R. & Schultz, B.B. 1996. Effects of density dependence, feedback and environmental sensitivity on correlations among predators, prey and plant resources: models and practical implications. *J. Anim. Ecol.* **65**, 802-812.
- Lewin, R. 1996. All for one one for all [superorganism theory]. *New Sci.* **152**, 28-33.
- Lieberman, D.E. 1994. The biological basis for seasonal increments in dental cementum and their application to archaeological research. *J. Archaeol. Sci.* **21**, 525-539.

- Loughlin, Thomas R. Using the phylogeographic method to identify Steller sea lion stocks. 94. Draft paper submitted to: Workshop on the use of genetic data to diagnose management units, Southwest Fisheries Science Center, National Marine Fisheries Service, La Jolla, CA 26-28 September 1994, No. GSID-17, 16p. + figures .
- Lowry, Nicholas and Jonas Teilmann .1994. Bycatch and bycatch reduction of the harbour porpoise (*Phocoena phocoena*) in Danish waters, pp. 203-209 *In*: W. F. Perrin, G. P. Donovan and J. Barlow, editors. Cambridge, England, International Whaling Commission.
- Luo, Z. & Marsh, K. 1996. Petrosal (periotic) and inner ear of a Pliocene Kogiine whale (Kogiinae, Odontoceti): implications on relationships and hearing evolution of toothed whales. *J. Vertebr. Paleontol.* **16**, 328-348.
- Marino, L. 1997. The relationship between gestation length, encephalization, and body weight in odontocetes. *Mar. Mammal Sci.* **13**, 133-138.
- Martin, A.R. & Walker, F.J. 1997. Sightings of a right whale (*Eubalaena glacialis*) with calf off S. W. Portugal. *Mar. Mammal Sci.* **13**, 139-140.
- McCallum, H. 1996. Immunocontraception for wildlife population control. *Trends in Ecology and Evolution* **11**, 491-493.
- McCullough, D.R. 1996. Failure of the tooth cementum aging technique with reduced population density of deer. *Wildlife Society Bulletin* **24**, 722-724.
- McDonald, M.E., Hershey, A.E. & Miller, M.C. 1996. Global warming impacts on lake trout in arctic lakes. *Limnol. Oceanogr.* **41**, 1102-1108.
- McNamara, J.M. 1996. Risk-prone behaviour under rules which have evolved in a changing environment. *Amer. Zool.* **36**, 484-495.
- Meril*, J. 1996. Genetic variation in offspring condition: an experiment. *Funct. Ecol.* **10**, 465-474.
- Merlen, G. 1996. Scavenging behavior of the waved albatross in Galapagos: a potential problem with increasing long-lining? *Pac. Seabirds* **23**, 10-12.
- Milsom, W., Castellini, M., Harris, M., Castellini, J., Jones, D., Berger, R., Bahrma, S., Rea, L. & Costa, D. 1996. Effects of hypoxia and hypercapnia on patterns of sleep-associated apnea in elephant seal pups. *Am. J. Physiol.* **271**, R1017-R1024.
- Moller, A.P. 1996. Parasitism and developmental instability of hosts: a review. *Oikos* **77**, 189-196.
- Monaghan, P. 1996. Relevance of the behaviour of seabirds to the conservation of marine environments. *Oikos* **77**, 227-237.
- Monteiro, L.R., Ramos, J.A. & Furness, R.W. 1996. Past and present status and conservation of the seabirds breeding in the Azores Archipelago. *Biol. Conserv.* **78**, 319-328.
- Mordvinov, Y.Y. 1972. Some hydrodynamic parameters of body shape in pinnipedia. *Hydrobiol. J No.* **3**, 81-84.
- Morreale, S.J.e.al. 1996. Migration corridor for sea turtles. *Nature* **384**, 319-320.
- Myrberg, A.A.Jr. 1996. Fish bioacoustics: serendipity in research. *Bioacoustics* **7**, 143-150.
- Nilsson, J. & Svensson, M. 1996. Sibling competition affects nestling growth strategies in marsh tits. *J. Anim. Ecol.*

65, 825-836.

O'Sullivan, S. & Mullin, K.D. 1997. Killer whales (*Orcinus orca*) in the northern Gulf of Mexico. *Mar. Mammal Sci.* **13**, 141-147.

Oksanen, T. & Henttonen, H. 1996. Dynamics of voles and small mustelids in the taiga landscape of northern Fennoscandia in relation to habitat quality. *Ecography* **19**, 432-443.

Osborn, T. & Scotti, A. 1996. Effect of turbulence on predator-prey contact rates: where do we go from here? *Marine Ecology Progress Series* **139**, 302-304.

Otto, R. S., J. A. Haaga and R. A. MacIntosh. 1997. *Report to Industry on the 1996 Eastern Bering Sea Crab Survey*. Kodiak, AK, U.S. Department of Commerce. (AFSC Processed Report 97-02) 52p. SH11 .A36 no.362

Pandav, B., Choudhury, B.C. & Kar, C.S. 1997. Mortality of olive ridley turtles (*Lepidochelys olivacea*) due to incidental capture in fishing nets along the Orissa coast, India. *Oryx* **31**, 32-36.

Perrin, W. F., M. L. L. Dolan and M. N. R. Alava. 1996. *Report of the Workshop on the Biology and Conservation of Small Cetaceans and Dugongs of Southeast Asia, Dumaguete, 27-30 June 1995*. Bangkok, United Nations Environment Programme. 101p. QL713.2 .W892 1996

Perrin, W.F. 1997. Development and homologies of head strips in the delphinoid cetaceans. *Mar. Mammal Sci.* **13**, 1-43.

Prenda, J. & Granado-Lorencio, C. 1996. The relative influence of riparian habitat structure and fish availability on otter (*Lutra lutra*) L. sprainting activity in a small Mediterranean catchment. *Biol. Conserv.* **76**, 9-15.

Pulliam, H.R. & Babbitt, B. 1997. Science and the protection of endangered species. *Science* **275**, 499-500.

Quarterly, A.W.I. 1996. US reverses course on Indian tribe's proposed whaling. *AWI Q.* **45**, 7.

Radtke, R.L. et al. 1996. Environmental information stored in otoliths: insights from stable isotopes. *Mar. Biol.* **127**, 161-170.

Ranum, A. & Wharton, D.A. 1996. Helminth and protozoan parasites of the alimentary tract of the yellow-eyed penguin (*Megadyptes antipodes*). *New Zealand J. Zool.* **23**, 83-87. Ratcliffe, H.E., Swanson, G.M. & Fischer, L.J. 1996. Human exposure to mercury: a critical assessment of the evidence of adverse health effects. *J. Toxicol. Environ. Health* **49**, 221-270.

Read, A.J. & Tolley, K.A. 1997. Postnatal growth and allometry of harbour porpoises from the Bay of Fundy. *Can. J. Zool.* **75**, 122-130.

Real, L.A. 1996. Paradox, performance, and the architecture of decision-making in animals. *Amer. Zool.* **36**, 518-529.

Reed, Austin et al. 1996. *Goose Use of the Coastal Habitats of Northeastern James Bay*. Ottawa, Canadian Wildlife Service. (Occasional Paper no. 92) 35p. SH223 .W64o no.92

Reed, W.J. & Simons, C.M. 1996. A contagion model of a fishery and its use in analyzing catch-effort data. *Ecol. Modelling* **92**, 179-191.

Reinhardt, K. et al. 1997. A hitherto unknown hybridization between Chilean and South Polar skua. *Polar Biology*

17, 114-118.

Roach, A.T.e.al. 1995. Direct measurements of transport and water properties through the Bering Strait. *J. Geophys. Res.* **100**, 18,443-18,457.

Roberts, C.M. 1997. Ecological advice for the global fisheries crisis. *Trends in Ecology and Evolution* **12**, 35-38.

Rosas, F.C.W. & Lehti, K.K. 1996. Nutritional and mercury content of milk of the Amazon River dolphin, (*Inia geoffrensis*). *Comp. Biochem. Physiol.* **115A**, 117-119.

Rothstein, L.M. & Chen, D. 1996. The El Niño/Southern Oscillation phenomenon. *Oceanus* **39**, 39-41.

Saether, B.-E., Rinsby, T.H. & Roskaft, E. 1996. Life history variation, population processes and priorities in species conservation: towards a reunion of research paradigms. *Oikos* **77**, 217-226.

Samuels, A. & Gifford, T. 1997. A quantitative assessment of dominance relations among bottlenose dolphins. *Mar. Mammal Sci.* **13**, 70-99.

Scharf, Lisa, Jeffrey C. Williams and Gregory L. Thomson. 1996. *Biological Monitoring in the Central Aleutian Islands, Alaska in 1996*. Adak, AK, U.S. Fish and Wildlife Service. (U.S. Fish and Wildlife Service Report AMNWR 96/11) 120p. SK367 .A41 A569 no. 96/11

Schroth, W., Strelt, B. & Schierwater, B. 1996. Evolutionary handicap for turtles. *Nature* **384**, 521-522.

Service, U. S. National Park and U. S. Geological Survey. 1996. *Bibliography of Research and Exploration in the Glacier Bay Region, Southeastern Alaska, 1798-1996*. Gustavus and Anchorage, AK, U.S. National Park Service and U.S. Geological Survey. 83p.

Shaw, D.G. & Bader, H.R. 1996. Environmental science in a legal context: the (Exxon Valdez) experience. *Ambio* **25**, 430-434.

Shipman, P. 1997. Birds do it...did dinosaurs? *New Sci.* **153**, 27-31.

Shlosberg, A.e.al. 1997. Lead toxicosis in a captive bottlenose dolphin (*Tursiops truncatus*) consequent to ingestion of air gun pellets. *J. Wildl. Dis.* **33**, 135-139.

Simmons, James A. et al. 1995. Auditory dimensions of acoustic images in echolocation, pp. 146-190 *In*: Arthur N. Popper and Richard R. Fay, editors. New York, Springer-Verlag.

Simoes-Lopes, P.C., Praderi, P. & Paula, G.D.S. 1994. The clymene dolphin, (*Stenella clymene*) (Gray, 1846), in the southwestern South Atlantic Ocean. *Mar. Mammal Sci.* **10**, 213-217.

Skov, H.e.al. 1994. The summer distribution of (Procellariiformes) in the central North Atlantic Ocean. *Vogelwarte* **37**, 270-289.

Smallwood, K.S. & Schonewald, C. 1996. Scaling population density and spatial pattern for terrestrial mammalian carnivores. *Oecologia* **105**, 329-335.

Smallwood, P.D. 1996. An introduction to risk sensitivity: the use of Jensen's inequality to clarify evolutionary arguments of adaptation and constraint. *Am. Zool.* **36**, 392-401.

- Smallwood, P.D. & Cartar, R.V. 1996. Risk sensitivity in behavior: where are we now? Introduction to the symposium. *Am. Zool.* **36**, 389-391.
- Smedstad, O.M. & Holm, J.C. 1996. Validation of back-calculation formulae for cod otoliths. *J. Fish Biol.* **49**, 973-985.
- Smith, K.K. & van Nievelt, A.F.H. 1997. Comparative rates of development in {IMonodelphis} and {IDidelphis}. *Science* **275**, 683-684.
- Smith, Tim, Givens, Geof, and Bravington, Mark Developing an aboriginal subsistence whaling management procedure: outline of a process. 95. Working document submitted to International Whaling Commission, SC/47 AS17, 8p.
- Spletstoeser, J. 1997. Mortality among chicks in the emperor penguin ({IAptenodytes forsteri}) colony at Riiser-Larsen Ice Shelf, Antarctica. *Polar Rec.* **33**, 63-64.
- Stasiak, S.A. & Baumann, P.C. 1996. Neutrophil activity as a potential bioindicator for contaminant analysis. *Fish & Shellfish Immunol.* **6**, 537-539.
- Stone, R.C., Hammer, G.L. & Marcussen, T. 1996. Prediction of global rainfall probabilities using phases of the Southern Oscillation Index. *Nature* **384**, 252-255.
- Strickler, J.R. & Costello, J.H. 1996. Calanoid copepod behavior in turbulent flows. *Marine Ecology Progress Series* **139**, 307-309.
- Sugita, H., Kumazawa, J. & Deguchi, Y. 1996. Production of chitinase and *-{IN}-acetylglucosaminidase by intestinal bacteria of Pinnipedian animals. *Lett. Appl. Microbiol.* **23**, 275-278.
- Suydam, Robert et al. 1996. *Proceedings of the Alaska Beluga Whale Committee First Conference on the Biology of Beluga Whales April 5-7, 1995 Anchorage, Alaska*. Anchorage, AK, Alaska Beluga Whale Committee. v.p.p. QL737 .C433 P941 1996
- Swenson, E. 1997. Hard medicine for Columbia salmon. *Pacific Fishing* **18**, 15.
- Swenson, E. 1997. Longliners seek seabird regulations. *Pacific Fishing* **18**, 14.
- Tahvonen, O. & Salo, S. 1996. Nonconvexities in optimal pollution accumulation. *J. Environ. Econ. Manage.* **31**, 160-177.
- Teilmann, J. & Lowry, N. 1996. Status of the harbour porpoise ({IPhocoena phocoena}) in Danish waters. *Rep. Int. Whaling Comm.* **46**, 619-625.
- Testa, J.W. 1997. A comment on the age at onset of breeding of male Weddell seals ({ILeptonychotes weddellii}). *Can. J. Zool.* **75**, 156-157.
- Tillman, M.F., Breiwick, J.M. & Twiss, J.R.Jr. 1997. OBITUARY: Douglas George Chapman, 1920-1996. *Mar. Mammal Sci.* **13**, 165-168.
- Tremblay, Y., Guinard, E. & Cherel, Y. 1997. Maximum diving depths of northern rockhopper penguins ({IEudyptes chrysocome moseleyi}) at Amsterdam Island. *Polar Biology* **17**, 119-122.
- Trillmich, Fritz .1996. Parental investment in pinnipeds, pp. 533-577 *In: Jay S. Rosenblatt and Charles T.*

Snowdon, editors. San Diego, CA, Academic Press.

Tynan, Cynthia and DeMaster, Douglas P. Incorporating climate change effects into the process for evaluating management regimes for aboriginal subsistence whaling. 96. Working document submitted to International Whaling Commission, SC/48/AS15, 11p.

U.S. Department of Commerce and Office of Planning State of Hawaii. 1997. *Hawaiian Islands Humpback Whale National Marine Sanctuary: Final Environmental Impact Statement/Management Plan*. Silver Spring, MD, U.S. Department of Commerce. 464p. QL737 .C424 H31 1997

Urian, Kim W. and Randall S. Wells. 1996. *Bottlenose Dolphin Photo-Identification Workshop: March 21-22, 1996 Charleston, South Carolina*. Charleston, SC, U.S. Department of Commerce. (NOAA Technical Memorandum NMFS-SEFSC-393) 91p. SH11 .A3441 no.393

van Dam, R.P. & Diez, C.E. 1996. Diving behavior of immature hawksbills (*Ieretmochelys imbricata*) in a Caribbean cliff-wall habitat. *Mar. Biol.* **127**, 171-178.

Vavrus, S.J., Wynne, R.H. & Foley, J.A. 1996. Measuring the sensitivity of southern Wisconsin lake ice to climate variations and lake depth using a numerical model. *Limnol. Oceanogr.* **41**, 822-831.

Vincent, T.L. 1996. Modeling and managing the evolutionary component of biological systems. *Ecol. Modelling* **92**, 145-153.

Waddell, Dave and Baz Stevens. 1994. *Waste Management Guidelines for King County Laboratories: Final Report*. [Seattle, WA], Metro Industrial Waste and Local Hazardous Waste Management Program, King County. 19p.

Waples, K.A. & Stagoll, C.S. 1997. Ethical issues in the release of animals from captivity. *BioSci.* **47**, 115-121.

Ward, M.P.e.al. 1996. Negative findings from serological studies of equine morbillivirus in the Queensland horse population. *Aust. Vet. J.* **74**, 241-245.

Warren, B. 1997. Fishermen and scientists challenge Greenpeace on factory trawler ban. *Pacific Fishing* **18**, 18-20.

Westcott, K. & Kalff, J. 1996. Environmental factors affecting methyl mercury accumulation in zooplankton. *Can. J. Fish. Aquat. Sci.* **53**, 2221-2228.

Wiig, O. & Gjertz, I. 1996. Body size of male Atlantic walrus (*IOdobenus rosmarus rosmarus*) from Svalbard. *Journal of Zoology, London* **240**, 495-499.

Wikelski, M., Carbone, C. & Trillmich, F. 1996. Lekking in marine iguanas: female grouping and male reproductive strategies. *Anim. Behav.* **52**, 581-596.

Wood, C.M. & Van Vleet, E.S. 1996. Copper, cadmium and zinc in liver, kidney and muscle tissues of bottlenose dolphins (*ITursiops truncatus*) stranded in Florida. *Mar. Pollut. Bull.* **32**, 886-889.

Yamamoto, Y. 1996. 1H NMR study of the heme molecular structure in sperm whale met-aquo and met-imidazole myoglobins. *Bull. Chem. Soc. Japan* **69**, 2947-2953.

Yezerinac, S.M., Weatherhead, P.J. & Boag, P.T. 1996. Cuckoldry and lack of parentage-dependent paternal care in yellow warblers: a cost-benefit approach. *Anim. Behav.* **52**, 821-832.

Zenteno-Savin, T., Castellini, M.A., Rea, L.D. & Fadely, B.S. 1997. Plasma haptoglobin levels in threatened Alaskan pinniped populations. *J. Wildl. Dis.* **33**, 64-71.