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Abramova, L.S. & Balykin, P.A. 1997. Variation of biochemical parameters of muscle tissue of walleye pollock *Theragra chalcogramma* in relation to its biological condition. *J. Ichthyol.* **37**, 396-401.

Agnew, D.J. 1997. Review: the CCAMLR Ecosystem Monitoring Programme. *Antarct. Sci.* **9**, 235-242.

Alaska 1997. Rare sighting of "right" whales excites scientists. *Alaska* **63**, 13.

Alexander, Vera, University of Alaska and Coastal Marine Institute. 1997. *Coastal Marine Institute - Annual Report No. 3 - Fiscal Year 1996*. Fairbanks, AK, University of Alaska, Coastal Marine Insitute. (OCS MMS 97-0001) 191p. QH541.5 .S3C631 no.3 1996

Alpizar-Jara, Russell and Kenneth H. Pollock .1996. Population estimation using a combination of line transect and capture-recapture for mark-resighting experiments, pp. 136-141. Alexandria, VA, American Statistical Association.

Alvard, M.S., Robinson, J.G., Redford, K.H. & Kaplan, H. 1997. The sustainability of subsistence hunting in the neotropics. *Conserv. Biol.* **11**, 977-982.

Anderson, D.M. 1997. Turning back the harmful red tide. *Nature* **388**, 513-514.

Andrews, R.D., Jones, D.R., Williams, J.D., Thorson, P.H., Oliver, G.W., Costa, D.P. & Le Boeuf, B.J. 1997. Heart rates of northern elephant seals diving at sea and resting on the beach. *J. Exp. Biol.* **200**, 2083-2095.

Au, W.W.L. 1997. Echolocation in dolphins with a dolphin-bat comparison. *Bioacoustics* **8**, 137-162.

Baldwin, R. & Cockcroft, V.G. 1997. Are dugongs, {IDugong dugon}, in the Arabian Gulf safe? *Aquatic Mammals* **23**, 73-74.

Barnett, A.A. & Prangley, M.L. 1997. Mammalogy in the Republic of Guinea: an overview of research from 1946 to 1996, a preliminary check-list and a summary of research recommendations for the future. *Mammal Rev.* **27**, 115-164.

Behrmann, G*ntner. 1997. *Additional Contribution to the Anatomy of Toothed Whales (Odontoceti)*. Bremerhaven, Germany, Nordseemuseum Bremerhaven. (Lebensraum "Meer" No. 10) 108p.

Behrmann, G. 1996. Calcareous concretions in the skin of toothed whales ({IODontoceti}). *Arch. Fish. Mar. Res.* **43**, 183-193.

Behrmann, G. 1995. Der Bartenwal aus dem Mioz*n von Gr.-Pampau (Schleswig-Holstein) (The Miocene whalebone whales of Gr.-Pampau (Schleswig-Holstein)). *Geschiebekunde Aktuell* **11**, 119-126.

Bengtson, J.L. & Stewart, B.S. 1997. Diving patterns of a Ross seal ({IOmmatophoca rossii}) near the eastern coast of the Antarctic Peninsula. *Polar Biology* **18**, 214-218.

Bengtsson, J., Jones, H. & Set*1*, H. 1997. The value of biodiversity. *Trends in Ecology and Evolution* **12**, 334-336.

Berzin, A.A. & Vladimirov, V.L. 1996. Anthropogenic impact on whales of the Okhotsk Sea. *Izvestiya TINRO* **121**, 4-8.

Berzin, A.A., Vladimirov, V.L. & Trukhin, A.M. 1996. Data on winter living of white whales in the Okhotsk and Bering Seas. *Izvestiya TINRO* **121**, 9-13.

- Blackburn, T.M. & Gaston, K.J. 1997. A critical assessment of the form of the interspecific relationship between abundance and body size in animals. *J. Anim. Ecol.* **66**, 233-249.
- Blokhin, S.A. 1996. Distribution, abundance and behaviour of gray whales (*Eschrichtius robustus*) of American and Asian populations in regions of their summer location nearshore of the Far East. *Izvestiya TINRO* **121**, 36-53.
- Blokhin, S.A. 1996. Results of investigations of gray whales (*Eschrichtius robustus*), taken nearshore of Chukotka Peninsula in 1994. *Izvestiya TINRO* **121**, 54-61.
- Blokhin, S.A. & Pavlyuchkov, V.A. 1996. Gray whales feeding in summer-autumn period in coastal waters of Chukotka Peninsula. *Izvestiya TINRO* **121**, 26-35.
- Boersma, P.D. 1997. Magellanic penguins decline in South Atlantic. *Penguin Conserv.* **10**, 2-5.
- Bogdanowicz, W., Csada, R.D. & Fenton, M.B. 1997. Structure of noseleaf, echolocation, and foraging behavior in the Phyllostomidae (Chiroptera). *Journal of Mammalogy* **78**, 942-953.
- Boltnev, A.I. & Nesterov, G.A. 1996. Historical tendencies of the northern fur seal abundance of Commander population. *Izvestiya TINRO* **121**, 62-73.
- Bonsall, M.B. & Hassell, M.P. 1997. Apparent competition structures ecological assemblages. *Nature* **388**, 371-373.
- Boveng, Peter L. 1996. Space and time relationships between vertebrate predators and a commercially harvested prey species in the Antarctic marine ecosystem, pp. 83-89. Alexandria, VA, American Statistical Association.
- Boyd, I.L. 1997. CD-ROM REVIEW: Marine mammals of the world (CD-ROM, Windows version 1.0), edited by T.A. Jefferson, S. Leatherwood, and M.A. Webber. Springer-Verlag, 1996. *Trends in Ecology and Evolution* **12**, 327-328.
- Bridle, J. 1997. In the name of purity: when is a rare species not a rare species [hybrids]. *New Sci.* **155**, 45.
- Buchanan, J.B., Brennan, L.A., Schick, C.T. & Herman, S.G. 1996. Body mass and lipid levels of shorebirds collected in western Washington. *Northwest. Nat.* **77**, 51-54.
- Budelmann, B.U. & Tu, Y. 1997. The statocyst-oculomotor reflex of cephalopods and the vestibulo-oculomotor reflex of vertebrates: a tabular comparison. *Vie Milieu* **47**, 95-99.
- Budelmann, B.U. 1996. Active marine predators: the sensory world of cephalopods. *Mar. Freshwater Behav. Physiol.* **27**, 59-75.
- Bulletin, M.P. 1997. Dolphin 'safe' tuna fishing on the line. *Mar. Pollut. Bull.* **34**, 366-367.
- Cambre, R.C. & Buick, W.W. 1996. Special challenges of maintaining wild animals in captivity in North America. *Rev. Sci. Tech. Off. Int. Epiz.* **15**, 251-266.
- Casaux, R., Coria, N. & Barrera-Oro, E. 1997. Fish in the diet of the Antarctic shag (*Phalacrocorax bransfieldensis*) at Laurie Island, South Orkney Islands. *Polar Biology* **18**, 219-222.
- Caudron, A.K. 1997. Pinnipeds social systems: a review. *Mammalia* **61**, 153-160.
- Caulfield, Richard A. 1997. *Greenlanders, Whales, and Whaling: Sustainability and Self-Determination in the Arctic*. Hanover, NH, University Press of New England. 203p. E99 E7C38 1997
- Chao, Anne, P. K. Tsay, Wen-Yi Shau and Day-Yu Chao .1996. Population size estimation for capture-recapture models with applications to epidemiological data, pp. 108-117. Alexandria, VA, American Statistical Association.
- Charles, C.D., Hunter, D.E. & Fairbanks, R.G. 1997. Interaction between the ENSO and the Asian monsoon in a coral record of tropical climate. *Science* **277**, 925-928.

- Charnov, E.L. 1997. Trade-off-invariant rules for evolutionarily stable life histories. *Nature* **387**, 393-394.
- Chelnokov, F.G. 1996. The dynamics of fur seals distribution on rookeries of Medniy Island in 1966-1986. *Izvestiya TINRO* **121**, 109-117.
- Cheng, I.-J. & Chen, T.-H. 1997. The incidental capture of five species of sea turtles by coastal setnet fisheries in the eastern waters of Taiwan. *Biol. Conserv.* **82**, 235-239.
- Chugunkov, D.J. & Kalinichenko, E.N. 1996. Changes in the coastal walrus numbers on some rookeries of the north-eastern Kamchatka. *Izvestiya TINRO* **121**, 122-126.
- Chumbley, K., J. Sease, M. Strick and R. Towell. 1997. *Field Studies of Steller Sea Lions (*Eumetopias Jubatus*) at Marmot Island, Alaska 1979 Through 1994*. Seattle, WA, U.S. Department of Commerce. (NOAA Technical Memorandum NMFS-AFSC-77) 99p. SH11 .A365a no.77
- Clarke, A.L., Saether, B.-E. & Roskaft, E. 1997. Sex biases in avian dispersal: a reappraisal. *Oikos* **79**, 429-438.
- Coelho, M., Domingues, P., Balguerias, E., Fernandez, M. & Andrade, J.P. 1997. A comparative study of the diet of *Loligo vulgaris* (Lamarck, 1799) (Mollusca: Cephalopoda) from the south coast of Portugal and the Saharan Bank (central-east Atlantic). *Fish. Res.* **29**, 245-255.
- Commerce, Committee on, United States Senate and National Oceanic and Atmospheric Administration. 1973. *The Oceans and National Economic Development*. Washington, DC, U.S. Government Printing Office. (Committee Print, 93rd Congress, 1st Session) 263p. HC103.7 .C57 1973
- Cook, Joseph A., Stephen W. Lewis and Gordon H. Jarrell .1997. The Alaskan Frozen Tissue Collection and associated electronic database: a resource for marine biotechnology, pp. 25-31 *In*: Vera Alexander, editor. Fairbanks, AK, University of Alaska Coastal Marine Institute.
- Cremades, M. 1997. The representation of seasonal variations in paleolithic art [seasonal migration of cetaceans and other animals represented]. *L'Anthropologie* **101**, 36-82.
- Croxall, J.P. 1997. Emperor ecology in the Antarctic winter [emperor penguins]. *Trends in Ecology and Evolution* **12**, 333-334.
- Cunningham, E. & Birkhead, T. 1997. Female roles in perspective. *Trends in Ecology and Evolution* **12**, 337-338.
- Cyr, H. 1997. Does inter-annual variability in population density increase with time? *Oikos* **79**, 549-558.
- Cyr, H., Downing, J.A. & Peters, R.H. 1997. Density-body size relationships in local aquatic communities. *Oikos* **79**, 333-346.
- Day, Robert H., Stephen M. Murphy, John A. Wiens, Gregory D. Hayward, E. James Harner and Louise N. Smith .1995. Use of oil-affected habitats by birds after the Exxon Valdez oil spill, pp. 726-761 *In*: Peter G. Wells, James N. Butler and Jane S. Hughes, editors. Philadelphia, American Society for Testing and Materials.
- Demaree, R.S.Jr., Critchfield, R.L. & Tinling, S.P. 1997. *Oschmarinella macrorchis* sp. n. (Digenea: Campulidae) from the liver sinuses of a beaked whale, *Mesoplodon stejnegeri* (Cetacea: Ziphiidae). *J. Helminthol. Soc. Wash.* **64**, 183-187.
- Derksen, D. 1997. Monitoring lead and other contaminants in Arctic waterfowl. *Arctic Res. U.S.* **11**, 25-27.
- DesJardins, M. 1997. El Niño is back: Pacific water temperatures are on the rise. *Natl. Fisherman* **78**, 22-23.
- DiSilvestro, R.L. 1997. In quest of the origin of birds. *BioSci.* **47**, 481-485.
- Dolphin, W.F. 1997. Electrophysiological measures of auditory processing in odontocetes. *Bioacoustics* **8**, 70-101.

Donaldson, Garry M., Anthony J. Gaston, John W. Chardine, Kaj Kampp, David N. Nettleship and Richard D. Elliot. 1997. *Winter Distributions of Thick-Billed Murres From the Eastern Canadian Arctic and Western Greenland in Relation to Age and Time of Year*. Ottawa, Ontario, Canada, Canadian Fish and Wildlife Service. (Canadian Wildlife Service, Occasional Paper No.96) 26p. SH223 .W64o no.96

Doroshenko, N.V. 1996. Bowhead whales of the Okhotsk Sea. *Izvestiya TINRO* **121**, 14-25.

Doroshenko, N.V. 1996. Results of investigations of blue whale - pygmy (*Balaenoptera musculus breviceauda*), taken by the Soviet whaling flotillas in the Indian Ocean during 1962/63 - 1971/72. *Izvestiya TINRO* **121**, 150-162.

Doubleday, W.G., Atkinson, D.B. & Baird, J. 1997. Comment: Scientific inquiry and fish stock assessment in the Canadian Department of Fisheries and Oceans. *Can. J. Fish. Aquat. Sci.* **54**, 1422-1426.

Duffy, Lawrence K., R. Terry Bowyer, Alex Prichard and Daniel D. Roby .1997. Assessment of top-trophic level predators as bioindicators of pollution, pp. 33-48 *In*: Vera Alexander, editor. Fairbanks, AK, University of Alaska Coastal Marine Institute.

Dunn, Erica H., Michael D. Cadman and J. Bruce Falls. 1997. *Monitoring Bird Populations: the Canadian Experience*. Ottawa, Ontario, Canada, Canadian Fish and Wildlife Service. (Occasional Paper no. 95) 62p. SH223 .W64o no.95

Edds-Walton, P.L. 1997. Acoustic communication signals of mysticete whales. *Bioacoustics* **8**, 47-60.

Erikson, David E. 1995. Surveys of murre colony attendance in the northern Gulf of Alaska following the {Exxon Valdez} oil spill, pp. 780-819 *In*: Peter G. Wells, James N. Butler and Jane S. Hughes, editors. Philadelphia, American Society for Testing and Materials.

Estes, J.A., Bacon, C.E., Jarman, W.M., Norstrom, R.J., Anthony, R.G. & Miles, A.K. 1997. Organochlorines in sea otters and bald eagles from the Aleutian Archipelago. *Mar. Pollut. Bull.* **34**, 486-490.

Evans, P. G. H. and Helen Nice. 1996. *Review of the Effects of Underwater Sound Generated by Seismic Surveys on Cetaceans*. Oxford, [England], Sea Watch Foundation. 50p.

FAO Marine Resources Service, Fishery Resources Division Fisheries Department. 1997. *Review of the State of World Fishery Resources: Marine Fisheries*. Rome, Food and Agriculture Organization of the United Nations. (FAO Fisheries Circular No.920) 173p. SH211 .F74fc no. 920

Fertl, D., Schiro, A.J. & Peake, D. 1997. Coordinated feeding by Clymene dolphins (*Stenella clymene*) in the Gulf of Mexico. *Aquatic Mammals* **23**, 111-112.

Fertl, D. & Wilson, B. 1997. Bubble use during prey capture by a lone bottlenose dolphin (*Tursiops truncatus*). *Aquatic Mammals* **23**, 113-114.

Finkel, E. 1997. Australia enters deep water in devising management plan. *Science* **277**, 1428-1429.

Finn, J.E., Burger, C.V. & Holland-Bartels, L. 1997. Discrimination among populations of sockeye salmon fry with Fourier analysis of otolith banding patterns formed during incubation. *Transactions of the American Fisheries Society* **126**, 559-578.

Fitzhugh, G.R., Nixon, S.W., Ahrenholz, D.W. & Rice, J.A. 1997. Temperature effects on otolith microstructure and birth month estimation from otolith increment patterns in Atlantic menhaden. *Transactions of the American Fisheries Society* **126**, 579-593.

Fjelds*, J., Ehrlich, D., Lambin, E. & Prins, E. 1997. Are biodiversity 'hotspots' correlated with current ecoclimatic stability? A pilot study using the NOAA-AVHRR remote sensing data. *Biodiversity Conserv.* **6**, 401-422.

Fjelds*, J. & Lovett, J.C. 1997. Biodiversity and environmental stability. *Biodiversity Conserv.* **6**, 315-323.

- Follmann, E.H., Garner, G.W., Evermann, J.F. & McKeirnan, A.J. 1996. Serological evidence of morbillivirus infection in polar bears (*Ursus maritimus*) from Alaska and Russia. *Vet. Rec.* **138**, 615-618.
- Frazer, T.K., Ross, R.M., Quetin, L.B. & Montoya, J.P. 1997. Turnover of carbon and nitrogen during growth of larval krill, *Euphausia superba* Dana: a stable isotope approach. *J. Exp. Mar. Biol. Ecol.* **212**, 259-275.
- Gannier, A. 1997. Estimation de l'abondance estivale du rorqual commun (*Balaenoptera physalus*) (Linn*, 1758) dans le Bassin Liguro-Provençal (Méditerranée occidentale) (Estimation of summer abundance of the fin whale (*Balaenoptera physalus*) (Linn*, 1758) in the Liguro Provençal Basin (western Mediterranean)). *Rev. Ecol. (Terre Vie)* **52**, 69-86.
- Garner, G.W. & Jay, C.V. 1997. Apical predators in the Arctic marine system and potential radioactive contamination: walrus and polar bear. *Arctic Res. U.S.* **11**, 30-31.
- Garner, G.W. 1997. Polar Bear Specialist Group: 12th meeting of IUCN Polar Bear Specialist Group. *Species No.* **28**, 54-55.
- Garshelis, D.L. 1997. Sea otter mortality estimated from carcasses collected after the Exxon Valdez oil spill. *Conserv. Biol.* **11**, 905-916.
- Gaston, K.J. & Blackburn, T.M. 1997. How many birds are there? *Biodiversity Conserv.* **6**, 615-625.
- Gilbert, J.R. & Udevitz, M.S. 1997. Adaptation of a stage-projection model for species with multiple year reproductive cycles [walrus, polar bear, brown bear]. *Ecol. Model.* **97**, 47-57.
- Godfray, H.C.J. 1997. Making life simpler [life history theory]. *Nature* **387**, 351-352.
- Gompper, M.E., Stacey, P.B. & Berger, J. 1997. Conservation implications of the natural loss of lineages in wild mammals and birds. *Conserv. Biol.* **11**, 857-867.
- Grigione, M.M. 1996. Observations on the status and distribution of the West African manatee in Cameroon. *Afr. J. Ecol.* **34**, 189-195.
- Grime, J.P. 1997. Biodiversity and ecosystem function: the debate deepens. *Science* **277**, 1260-1261.
- Halbrook, R.S., Woolf, A., Hubert, G.F.Jr., Ross, S. & Braselton, W.E. 1996. Contaminant concentrations in Illinois mink and otter. *Ecotoxicol.* **5**, 103-114.
- Hartung, R. 1995. Assessment of the potential for long-term toxicological effects of the Exxon Valdez oil spill on birds and mammals, pp. 693-725 In: Peter G. Wells, James N. Butler and Jane S. Hughes, editors. Philadelphia, American Society for Testing and Materials.
- Healey, M.C. 1997. Comment: The interplay of policy, politics, and science. *Can. J. Fish. Aquat. Sci.* **54**, 1427-1429.
- Helder-Jos, & Ker De Anraded, H. 1997. Food and feeding habits of the neotropical river otter (*Lontra longicaudis*) (Carnivora, Mustelidae). *Mammalia* **61**, 193-203.
- Herzing, D.L. & Johnson, C.M. 1997. Interspecific interactions between Atlantic spotted dolphins (*Stenella frontalis*) and bottlenose dolphins (*Tursiops truncatus*) in the Bahamas, 1985-1995. *Aquatic Mammals* **23**, 85-99.
- Hollins, Martha. 1997. *Directory of Federal Libraries and Information Centers 1994*. Washington, DC, U.S. Department of Education. (National Center for Education Statistics Technical Report 97-507) 93p. REF Z731 .E93 1997
- Holmes, B. 1997. Dreams as big as an ocean [marine protected areas]. *New Sci.* **155**, 20.
- Holmes, B. 1997. Hard to swallow: old weather balloons never die, they just drift around causing trouble for marine

life [Antarctic weather balloon ingestion by whales]. *New Sci.* **155**, 14.

Hongell, K. 1996. Chromosome survey of seals in the Baltic Sea in 1988-1992. *Arch. Environ. Contam. Toxicol.* **31**, 399-403.

Huelsenbeck, J.P., Rannala, B. & Yang, Z. 1997. Statistical tests of host-parasite cospeciation. *Evol.* **51**, 410-419.

Huin, N. & Prince, P.A. 1997. Diving behaviour of the grey-headed albatross. *Antarct. Sci.* **9**, 243-249.

Hutchings, J.A., Haedrich, R.L. & Walters, C. 1997. Reply: Scientific inquiry and fish stock assessments in the Canadian Department of Fisheries and Oceans and, Reply: The interplay of policy, politics, and science. *Can. J. Fish. Aquat. Sci.* **54**, 1430-1431.

Ikeda, Y., Arai, N., Sakamoto, W., Adachi, J., Murayama, T. & Yoshida, K. 1997. Arsenic deposition in the statolith of post-spawning Japanese common squid, so-called "Kawa-ika". *Fish. Sci.* **63**, 325-326.

Ives, A.R. & Klopfer, E.D. 1997. Spatial variation in abundance created by stochastic temporal variation. *Ecology* **78**, 1907-1913.

Jennions, M.D. 1997. Female promiscuity and genetic incompatibility. *Trends in Ecology and Evolution* **12**, 251-253.

Jenssen, B.M., Skaare, J.U., Ekker, M., Vongraven, D. & Lorentsen, S.-H. 1996. Organochlorine compounds in blubber, liver and brain in neonatal grey seal pups. *Chemosphere* **32**, 2115-2125.

Johnson, Charles B. and David L. Garshelis .1995. Sea otter abundance, distribution, and pup production in Prince William Sound following the {Exxon Valdez} oil spill, pp. 894-929 *In*: Peter G. Wells, James N. Butler and Jane S. Hughes, editors. Philadelphia, American Society for Testing and Materials.

Jones, P.D. 1997. BOOK REVIEW: Proceedings of the Exxon Valdez oil spill symposium. Edited by S.D. Rice,

R.B. Spies, D.A. Wolfe, and B.A. Wright. American Fisheries Society, 1996, 931p. *New Zealand J. Mar. Freshwater Res.* **31**, 281-282.

Kaiser, J. 1997. Is warming trend harming penguins? *Science* **276**, 1790.

Kalinichenko, E.N. & Chugunkov, D.I. 1996. The influence of the anthropogenic interference on the conditions of coastal walrus rookeries. *Izvestiya TINRO* **121**, 118-121.

Kappe, A.L., Bijlsma, R., Osterhaus, A.D.M.E., Van Delden, W. & Van De Zande, L. 1997. Structure and amount of genetic variation at minisatellite loci within the subspecies complex of {*Phoca vitulina*} (the harbour seal). *Heredity* **78**, 457-463.

Kawata, M. 1997. Exploitive competition and ecological effective abundance. *Ecol. Model.* **94**, 125-137.

Ketten, D.R. 1997. Structure and function in whale ears. *Bioacoustics* **8**, 103-135.

Kim, E.-Y., Murakami, T., Saeki, K. & Tatsukawa, R. 1996. Mercury levels and its chemical form in tissues and organs of seabirds. *Arch. Environ. Contam. Toxicol.* **30**, 259-266.

Kim, E.-Y., Ichihashi, H., Saeki, K., Atrashkevich, G., Tanabe, S. & Tatsukawa, R. 1996. Metal accumulation in tissues of seabirds from Chaun, northeast Siberia, Russia. *Environ. Pollut.* **92**, 247-252.

Kirkpatrick, M. & Barton, N.H. 1997. Evolution of a species' range. *American Naturalist* **150**, 1-23.

Kirkwood, J.K. 1996. Special challenges of maintaining wildlife in captivity in Europe and Asia. *Rev. Sci. Tech.*

Off. Int. Epiz. **15**, 309-321.

Kokko, H., Lindström, J. & Ranta, E. 1997. Risk analysis of hunting seal populations in the Baltic. *Conserv. Biol.* **11**, 917-927.

Kraus, S.D., Read, A.J., Solow, A., Baldwin, K., Spradlin, T., Anderson, E. & Williamson, J. 1997. Acoustic alarms reduce porpoise mortality. *Nature* **388**, 525.

Krivan, V. & Sirot, E. 1997. Searching for food or hosts: the influence of parasitoids behavior on host-parasitoid dynamics. *Theoret. Popul. Biol.* **51**, 201-209.

Kronman, M. 1997. 'Dolphin-safe' redefined. *Natl. Fisherman* **78**, 10.

Kronman, M. 1997. Keeping it clean: no matter what you're hearing, fishermen are the best stewards of the resource. *Natl. Fisherman* **78**, 28-33.

Kuzin, A.E. 1996. Abundance, moving and the main biological features of Steller sea lion of Robben Island. *Izvestiya TINRO* **121**, 130-142.

Kuzin, A.E. 1996. Sociodemographic characteristics of the northern fur seal aggregations in the sea. *Izvestiya TINRO* **121**, 74-84.

Kuzin, A.E., Naberezhnykh, I.A. & Trukhin, A.M. 1996. Sociodemographic structure and status of intrapopulation groups of the northern fur seals of Robben Island. *Izvestiya TINRO* **121**, 85-108.

Lacanilao, F. 1997. Continuing problems with gray literature. *Environ. Biol. Fishes* **491**, 1-5.

Larsson, K., Rattiste, K. & Lilleleht, V. 1997. Heritability of head size in the common gull in relation to environmental conditions during offspring growth. *Heredity* **79**, 201-207.

Lauth, R. R. 1997. *The 1995 Pacific West Coast Upper Continental Slope Trawl Survey of Groundfish Resources Off Southern Oregon and Northern California: Estimates of Distribution, Abundance, and Length Composition*. Seattle, WA, U.S. Department of Commerce. (NOAA Technical Memorandum NMFS-AFSC-80) 110p. SH11 .A365a no.80

Lauth, R. R. 1997. *The 1995 Pacific West Coast Upper Continental Slope Trawl Survey of Groundfish Resources Off Washington and Oregon: Estimates of Distribution, Abundance, and Length Composition*. Seattle, WA, U.S. Department of Commerce. (NOAA Technical Memorandum NMFS-AFSC-81) 156p. SH11 .A365a no.81

Lauth, R. R., M. E. Wilkins and P. A. Jr. Raymore. 1997. *Results of Trawl Surveys of Groundfish Resources of the West Coast Upper Continental Slope From 1989 to 1993*. Seattle, WA, U.S. Department of Commerce. (NOAA Technical Memorandum NMFS-AFSC-79) 342p. SH11 .A365a no.79

Lea, M.-A. & Hindell, M.A. 1997. Pup growth and maternal care in New Zealand fur seals, (*Arctocephalus forsteri*), at Maatsuyker Island, Tasmania. *Wildl. Res.* **24**, 307-318.

Lento, G.M., Haddon, M., Chambers, G.K. & Baker, C.S. 1997. Genetic variation of Southern Hemisphere fur seals (*Arctocephalus* spp.): investigation of population structure and species identity. *Journal of Heredity* **88**, 202-208.

Leonards, P.E.G., Zierikzee, Y., Brinkman, U.A.T., Cofino, W.P., van Straalen, N.M. & van Hattum, B. 1997. The selective dietary accumulation of planar polychlorinated biphenyls in the otter (*Lutra lutra*). *Environ. Toxicol. Chem.* **16**, 1807-1815.

Lidicker, W.Z.Jr. 1997. BOOK REVIEW: Silva, M. and J.A. Downey. 1995. Handbook of mammalian body masses, CRC Press, Boca Raton, FL, 359p. *Journal of Mammalogy* **78**, 987-988.

Lima, M. & Pêez, E. 1997. Demography and population dynamics of South American fur seals. *Journal of Mammalogy* **78**, 914-920.

- Loonen, H., van de Guchte, C., Parsons, J.R., de Voogt, P. & Govers, H.A.J. 1996. Ecological hazard assessment of dioxins: hazards to organisms at different levels of aquatic food webs (fish-eating birds and mammals, fish and invertebrates). *Science of the Total Environment* **182**, 93-103.
- MacKenzie, D. 1997. Endangered or minke, sir? Two whale-eating nations are about to have the extent of their illegal habits exposed. *New Sci.* **155**, 14.
- Mair, H. 1997. Wildlife refuge experiment on Midway Atoll. *Mar. Pollut. Bull.* **34**, 366.
- Mamaev, E.G. & Burkanov, V.N. 1996. Condition of reproductive group of Steller sea lions (*Eumetopias jubatus*) (Pinnipedia, Otariidae) on the south-eastern rookery of Medniy Island (Commander Islands). *Izvestiya TINRO* **121**, 163-165.
- Marcogliese, D.J. & Cone, D.K. 1997. Food webs: a plea for parasites. *Trends in Ecology and Evolution* **12**, 320-325.
- Margolis, L., Groff, J.M., Johnson, S.C., McDonald, T.E., Kent, M.L. & Blaylock, R.B. 1997. Helminth parasites of sea otters (*Enhydra lutris*) from Prince William Sound, Alaska: comparisons with other populations of sea otters and comments on the origin of their parasites. *J. Helminthol. Soc. Wash.* **64**, 161-168.
- Marino, L. & Stow, J. 1997. Lateralized behavior in a captive beluga whale (*Delphinapterus leucas*). *Aquatic Mammals* **23**, 101-103.
- Marsh, H. 1981. *The Dugong: Proceedings of a Seminar/Workshop Held at James Cook University of North Queensland, 8-13 May 1979*. Townsville, Queensland, Australia, James Cook University of North Queensland. 400p. QL737 .S62 D879 1981
- Mathieu, A., Payne, J.F., Fancey, L.L., Santella, R.M. & Young, T.L. 1997. Polycyclic aromatic hydrocarbon-DNA adducts in beluga whales from the Arctic. *J. Toxicol. Environ. Health* **51**, 1-4.
- McCann, K. & Shuter, B. 1997. Bioenergetics of life history strategies and the comparative allometry of reproduction. *Can. J. Fish. Aquat. Sci.* **54**, 1289-1298.
- McCartney, M. 1997. Is the ocean at the helm? [climate change]. *Nature* **388**, 521-522.
- McCorquodale, S.M. 1997. Cultural contexts of recreational hunting and native subsistence and ceremonial hunting: their significance for wildlife management. *Wildlife Society Bulletin* **25**, 568-573.
- McGillivray, D., Schliebe, S. & Seagars, D. 1997. Polar bear and Pacific walrus bilateral conservation agreements between the U.S. and Russia. *Arctic Res. U.S.* **11**, 32-33.
- Merrick, R.L., Chumbley, M.K. & Byrd, G.V. 1997. Diet diversity of Steller sea lions (*Eumetopias jubatus*) and their population decline in Alaska: a potential relationship. *Can. J. Fish. Aquat. Sci.* **54**, 1342-1348.
- Mikota, S.K. & Aguilar, R.F. 1996. Management protocols for animals in captive propagation and reintroduction programmes. *Rev. Sci. Tech. Off. Int. Epiz.* **15**, 191-208.
- Milinkovitch, M.C. & Thewissen, J.G.M. 1997. Even-toed fingerprints on whale ancestry. *Nature* **388**, 622-624.
- Moon, D.-Y., MacKenzie, D.S. & Owens, D.W. 1997. Simulated hibernation of sea turtles in the laboratory: I. Feeding, breathing frequency, blood pH, and blood gases. *J. Exp. Zool.* **278**, 372-380.
- Moore, P.W.B. 1997. Cetacean auditory psychophysics. *Bioacoustics* **8**, 61-78.
- Moutou, F. 1997. Aquatic and semi-aquatic mammals introduced into France. Risks and consequences. *Bull. Fr. P*che Piscic.* **344/345**, 133-139.

- Muller, L.I., Warren, R.J. & Evans, D.L. 1997. Theory and practice of immunocontraception in wild mammals. *Wildlife Society Bulletin* **25**, 504-514.
- Murphy, James M. and Blaine D. Ebberts. 1997. *Physical Oceanographic Observations in the Central Subarctic North Pacific Ocean, July-September 1991*. Seattle, WA, U.S. Department of Commerce. (AFSC Processed Report 97-06) 267p. SH11 .A36 no. 366
- Murray, B.G.Jr. 1997. Population dynamics of evolutionary change: demographic parameters as indicators of fitness. *Theoret. Popul. Biol.* **51**, 180-184.
- Naito, Y. 1997. Development of a microdata tag for study of free ranging marine animals. *Mem. Fac. Fish. Hokkaido Univ.* **44**, 31-34.
- Newman, Ken B. 1996. State-space modeling of animal movement and mortality with application to salmon, pp. 130-135. Alexandria, VA, American Statistical Association.
- Nilsson, A. 1997. *Arctic Pollution Issues: a State of the Arctic Environment Report*. Oslo, AMAP - Arctic Monitoring and Assessment Programme. 188p. GE160 .C2N599 1997
- Nisbet, I.C.T., Fry, D.M., Hatch, J.J. & Lynn, B. 1996. Feminization of male common tern embryos is not correlated with exposure to specific PCB congeners. *Bull. Environ. Contam. Toxicol.* **57**, 895-901.
- O'Farrell, M.J. & Miller, B.W. 1997. A new examination of echolocation calls of some neotropical bats (Emballonuridae and Mormoopidae). *Journal of Mammalogy* **78**, 954-963.
- Olla, B.L., Davis, M.W. & Schreck, C.B. 1997. Effects of simulated trawling on sablefish and walleye pollock: the role of light intensity, net velocity and towing duration. *J. Fish Biol.* **50**, 1181-1194.
- Olsson, O. 1997. Effects of food availability on fledging condition and post-fledging survival in king penguin chicks. *Polar Biology* **18**, 161-165.
- Olsson, O. 1996. Seasonal effects of timing and reproduction in the king penguin: a unique breeding cycle. *J. Avian Biol.* **27**, 7-14.
- Osmek, S., J. Calambokidis, J. Laake, P. Gearin, R. DeLong, J. Scordino, S. Jeffries and R. Brown. 1996. *Assessment of the Status of Harbor Porpoise (*Phocoena phocoena*) in Oregon and Washington Waters*. Seattle, WA, U.S. Department of Commerce. (NOAA Technical Memorandum NMFS-AFSC-76) 46p. SH11 .A365a no.76
- Outridge, P.M., Evans, R.D., Wagemann, R. & Stewart, R.E.A. 1997. Historical trends of heavy metals and stable lead isotopes in beluga (*Delphinapterus leucas*) and walrus (*Odobenus rosmarus rosmarus*) in the Canadian Arctic. *Science of the Total Environment* **203**, 209-219.
- Palsboll, P.J., Allen, J., B*rub*, M., Clapham, P.J., Feddersen, T.P., Hammond, P.S., Hudson, R.R., Jorgensen, H., Katona, S., Larsen, A.H., Larsen, F., Lien, J., Mattila, D.K., Sigurjónsson, J., Sears, R., Smith, T., Sponer, R., Stevick, P. & Oien, N. 1997. Genetic tagging of humpback whales. *Nature* **388**, 767-768.
- Parmentier, J. 1997. Ostend whalers in Spitsbergen and the Davis Strait: the history of the Ostend Whaling Company, 1727-1734. *Am. Neptune* **57**, 19-36.
- Pasons, S., Thorpe, C.W. & Dawson, S.M. 1997. Echolocation calls of the long-tailed bat: a quantitative analysis of types of calls. *Journal of Mammalogy* **78**, 964-976.
- Patten, B.C., Straskraba, M. & Jorgensen, S.E. 1997. Ecosystems emerging: 1. conservation. *Ecol. Model.* **96**, 221-284.
- Pedersen, J. 1997. Comparison of vertebrae and otoliths measured directly and from radiographs. *Fish. Res.* **29**, 277-282.

- Perlov, A.C. 1996. Steller sea lions catch as one of the basic reasons of their abundance reduce [sic]. *Izvestiya TINRO* **121**, 143-149.
- Perry, G. & Pianka, E.R. 1997. Animal foraging: past, present and future. *Trends in Ecology and Evolution* **12**, 360-364.
- Pfeiffer, C.J. 1997. Renal cellular and tissue specializations in the bottlenose dolphin (*Tursiops truncatus*) and beluga whale (*Delphinapterus leucas*). *Aquatic Mammals* **23**, 75-84.
- Philbrick, Ralph N. 1967. *Proceedings of the Symposium on the Biology of the California Islands*. Santa Barbara, CA, Santa Barbara Botanic Garden. 363p. QH105 .C2C34
- Polis, G.A., Hurd, S.D., Jackson, C.T. & Sanchez Piñero, F. 1997. El Niño effects on the dynamics and control of an island ecosystem in the Gulf of California. *Ecology* **78**, 1884-1897.
- Ponce De León, Alberto Evaluation of the damages associated with the oil spill from the ship San Jorge on Isla de Lobos, Uruguay: report on activities to achieve recovery of the affected areas and effects on the population of the South American fur seal, (*Arctocephalus australis*). 97. Report prepared for the Director General, Instituto Nacional de Pesca, Montevideo, Uruguay, 20p. +31 color photo illus.
- Popov, V.V. & Supin, A.Y. 1997. Detection of temporal gaps in noise in dolphins: evoked-potential study. *J. Acoust. Soc. Am.* **102**, 1169-1176.
- Popper, A.N., Hawkins, H.L. & Gisinger, R.C. 1997. Questions in cetacean bioacoustics: some suggestions for future research. *Bioacoustics* **8**, 163-182.
- Porter, S.L. 1996. Dealing with infectious and parasitic diseases in safari parks, roadside menageries, exotic animal auctions and rehabilitation centres. *Rev. Sci. Tech. Off. Int. Epiz.* **15**, 227-236.
- Pungowiyi, C. 1997. Traditional and ecological knowledge of seabirds on St. Lawrence Island. *Arctic Res. U.S.* **11**, 38-40.
- Record, V. 1996. Salmonellosis associated with seals. *Vet. Rec.* **138**, 533-535.
- Ree, T. 1997. First aid kit for oiled birds. *Mar. Pollut. Bull.* **34**, 365.
- Register, F. 1997. Pacific coast pinniped interaction investigation and report. *Fed. Regist.* **62**, 14889-14890.
- Renous, S. 1996. Swimming behaviour during first immersion in hatchling leatherback turtles (*Dermochelys coriacea*). *Annales des Sciences naturelles, Zoologie, Paris* **17**, 25-38.
- Reynolds, P.S. 1997. Phylogenetic analysis of surface area of mammals. *Journal of Mammalogy* **78**, 859-868.
- Ribic, C.A., Ainley, D.G. & Spear, L.B. 1997. Seabird associations in Pacific equatorial waters. *Ibis* **139**, 482-487.
- Richardson, W. John editor. and LGL Ltd. 1997. *Northstar Marine Mammal Monitoring Program, 1996: Marine Mammal and Acoustical Monitoring of a Seismic Program in the Alaskan Beaufort Sea*. Anchorage, AK, BP Exploration (Alaska) Inc. and National Marine Fisheries Service. (LGL Report TA2121-2) v.p.p. QL713.2 .N818 1997a
- Ridgway, S.H. 1997. Who are the whales? *Bioacoustics* **8**, 3-20.
- Rousset, F. & Raymond, M. 1997. Statistical analyses of population genetic data: new tools, old concepts. *Trends in Ecology and Evolution* **12**, 313-317. Routledge, Rick .1996. Lessons from the Pacific salmon controversy, pp. 58-63. Alexandria, VA, American Statistical Association.
- Roy, K. & Foote, M. 1997. Morphological approaches to measuring biodiversity. *Trends in Ecology and Evolution* **12**, 277-281.

- Ruxton, G., Gonzalez-Andujar, J.L. & Perry, J.N. 1997. Mortality during dispersal stabilizes local population fluctuations. *J. Anim. Ecol.* **66**, 289-292.
- Santos, R.A. & Haimovici, M. 1997. Reproductive biology of winter-spring spawners of {*Illex argentinus*} (Cephalopoda: Ommastrephidae) off southern Brazil. *Scientia Marina* **61**, 53-64.
- Schell, Donald M. 1997. Testing conceptual models of marine mammal trophic dynamics using carbon and nitrogen stable isotope ratios, pp. 119-157 *In:* Vera Alexander, editor. Fairbanks, AK, University of Alaska Coastal Marine Institute.
- Schrader, L. & Hammerschmidt, K. 1997. Computer-aided analysis of acoustic parameters in animal vocalizations: a multi-parametric approach. *Bioacoustics* **7**, 247-265.
- Schulman, F.Y., Lipscomb, T.P., Moffett, D., Drafft, A.E., Lichy, J.H., Tsai, M.M., Taubenberger, J.K. & Kennedy, S. 1997. Histologic, immunohistochemical, and polymerase chain reaction studies of bottlenose dolphins from the 1987-1988 United States Atlantic coast epizootic. *Vet. Pathol.* **34**, 288-295.
- Schultz, D.J., Hough, I.J. & Boardman, W. 1996. Special challenges of maintaining wild animals in captivity in Australia and New Zealand: prevention of infections and parasitic diseases. *Rev. Sci. Tech. Off. Int. Epiz.* **15**, 289-308.
- Scientist, N. 1997. Signature tune [dolphin signature whistles]. *New Sci.* **155**, 23.
- Seideman, D. 1997. Swimming with trouble [marine mammal-human interactions]. *Audubon* **99**, 76-82.
- Seifert, D.D. 1997. Loggerhead sea turtles: the solitary life of the great ocean traveler. *Ocean Realm Summer*, 44-49.
- Shimamura, M., Yasue, H., Ohshima, K., Abe, H., Kato, H., Kishiro, T., Goto, M., Munechika, I. & Okada, N. 1997. Molecular evidence from retroposons that whales form a clade within even-toed ungulates. *Nature* **388**, 666-670.
- Shubin, N., Tabin, C. & Carroll, S. 1997. Fossils, genes and the evolution of animal limbs. *Nature* **388**, 639-648.
- Silva, M., Brown, J.H. & Downing, J.A. 1997. Differences in population density and energy use between birds and mammals: a macroecological perspective. *J. Anim. Ecol.* **66**, 327-340.
- Silvert, W. 1997. Ecological impact classification with fuzzy sets. *Ecol. Model.* **96**, 1-10.
- Smith, S.J., Iverson, S.J. & Bowen, W.D. 1997. Fatty acid signatures and classification trees: new tools for investigating the foraging ecology of seals. *Can. J. Fish. Aquat. Sci.* **54**, 1377-1386.
- Spencer, M. 1997. The effects of habitat size and energy on food web structure: an individual-based cellular automata model. *Ecol. Model.* **94**, 299-316.
- Springer, V.G. 1997. BOOK REVIEW: Great white sharks. 1996. A.P. Klimley and David G. Ainley, eds. Academic Press, Inc., San Diego, CA, 517p. *Copeia* **1997**, 467-468.
- Stubblefield, W. A., G. A. Hancock, W. H. Ford, H. H. Prince and R. K. Ringer .1995. Evaluation of the toxic properties of naturally weathered {IExxon Valdez} crude oil to surrogate wildlife species, pp. 665-692 *In:* Peter G. Wells, James N. Butler and Jane S. Hughes, editors. Philadelphia, American Society for Testing and Materials.
- Tilman, D., Knops, J., Wedin, D., Reich, P., Ritchie, M. & Siemann, E. 1997. The influence of functional diversity and composition on ecosystem processes. *Science* **277**, 1300-1302.
- Travaini, A., Delibes, M., Ferreras, P. & Palomares, F. 1997. Diversity, abundance or rare species as a target for the conservation of mammalian carnivores: a case study in southern Spain. *Biodiversity Conserv.* **6**, 529-535.
- Trites, A.W. & Bigg, M.A. 1996. Physical growth of northern fur seals ({*Callorhinus ursinus*}): seasonal fluctuations and migratory influences. *Journal of Zoology, London* **238**, 459-482.

- Trukhin, A.M. 1996. Interannual dynamics of age structure of ringed seal of the north-western Okhotsk population. *Izvestiya TINRO* **121**, 127-129.
- Turner, C. Donnell and Joseph T. Bagnara. 1971. *General Endocrinology*. 5th edition. Philadelphia, W.B. Saunders Co. 659p. WK102 .T945g 1971 Tyack, P.L. 1997. Development and social functions of signature whistles in bottlenose dolphins {*Tursiops truncatus*}. *Bioacoustics* **8**, 21-46.
- U.S. Department of Commerce, Office of the Inspector General. 1997. *Semiannual Report to the Congress, March 31, 1997*. Washington, DC, U.S. Department of Commerce. 98p.
- Wagemann, R., Trebacz, E., Hunt, R. & Boila, G. 1997. Percent methylmercury and organic mercury in tissues of marine mammals and fish using different experimental and calculation methods. *Environ. Toxicol. Chem.* **16**, 1859-1866.
- Weilgart, L. & Whitehead, H. 1997. Group-specific dialects and geographical variation in coda repertoire in South Pacific sperm whales. *Behav. Ecol. Sociobiol.* **40**, 277-285.
- Weiner, A., Berg, C., Gerlach, T., Grunblatt, J., Holbrook, K. & Kuwada, M. 1997. The {Exxon Valdez} oil spill: habitat protection as a restoration strategy. *Restoration Ecol.* **5**, 44-55.
- Wenzel, C. & Adelung, D. 1996. The suitability of oiled guillemots ({*Uria aalge*}) as monitoring organisms for geographical comparisons of trace element contaminants. *Arch. Environ. Contam. Toxicol.* **31**, 368-377.
- White, Clayton M., Robert J. Ritchie and Brian A. Cooper .1995. Density and productivity of bald eagles in Prince William Sound, Alaska, after the {Exxon Valdez} oil spill, pp. 762-779 *In*: Peter G. Wells, James N. Butler and Jane S. Hughes, editors. Philadelphia, American Society for Testing and Materials.
- Wiens, John A. 1995. Recovery of seabirds following the Exxon Valdez oil spill: an overview, pp. 854-893 *In*: Peter G. Wells, James N. Butler and Jane S. Hughes, editors. Philadelphia, American Society for Testing and Materials.
- Wilkins, Mark E. and Mark W. Saunder. 1997. *Biology and Management of Sablefish, {Anoplopoma Fimbria}: Papers From the International Symposium on the Biology and Management of Sablefish, Seattle, Washington, 13-15 April 1993*. Seattle, WA, U.S. Department of Commerce. (NOAA Technical Report NMFS 130) 275p. SH11 .A336 no.130
- Williams, T. 1997. Fatal attraction: illegal oil-well waste pits are killing birds and other wildlife at an alarming rate. *Audubon* **99**, 24-31.
- Wilson, D.S. 1997. Altruism and organism: disentangling the themes of multilevel selection theory. *American Naturalist* **150**, S122-S134.
- Wolfe, Robert J., Craig Mishler and et al. 1996. *The Subsistence Harvest of Harbor Seal and Sea Lion by Alaska Natives in 1995*. Juneau, AK, Alaska Department of Fish and Game. (Alaska Department of Fish and Game. Technical Paper no. 238) 69p. + appendicesp. QL737 .P63 H333 1996 Available online at: <http://www.subsistence.adfg.state.ak.us/TechPap/tp238.pdf>
- Yatsu, A., Midorikawa, S., Shimada, T. & Uozumi, Y. 1997. Age and growth of the neon flying squid, {*Octopus bartrami*}, in the North Pacific Ocean. *Fish. Res.* **29**, 257-270.
- Yip, Paul S. F. and K. S. Chan .1996. Regression models for discrete-time recapture and removal studies, pp. 103-107. Alexandria, VA, American Statistical Association.
- Zavalaga, C.B. & Paredes, R. 1997. Humboldt penguins at Punta San Juan, Peru. *Penguin Conserv.* **10**, 6-8.
- Zerbini, A.N. & Santos, M.C.d.O. 1997. First record of the pygmy killer whale {*Feresa attenuata*} (Gray, 1874) for the Brazilian coast. *Aquatic Mammals* **23**, 105-109.