10.0 Literature Cited

- Abdelnour, R., T. Johnstone, D. Howard and V. Nisbett. 1986. Laboratory Testing of an Oilskimming Bow in Broken Ice. ESRF Study No. 13. 60 p.
- Adams Pearson Associates Inc. 1991. Recommended Philosophy for Development of a Worst Case Blowout Scenario for Wells Drilled in the Beaufort Sea. Report prepared for the Canadian Petroleum Association, Task Group #1, Beaufort Sea Steering Committee, Calgary, Alberta, March, 1991.
- Aguilar, A. 2002. Fin whale, *Balaenoptera physalus*. p. 435-438 *in:* W.F. Perrin, B. Würsig and J.G.M. Thewissen (eds.), Encyclopedia of Marine Mammals. Academic Press, San Diego, California. 1414 p.
- Ainley, D.G., C.R. Grau, T.E. Roudybush, S.H. Morrell and J.M. Utts. 1981. Petroleum Ingestion Reduces Reproduction in Cassin's Auklets. Marine Pollution Bulletin, 12: 314-317.
- Albers, P.H. 1977. Effects of External Applications of Fuel Oil on Hatchability of Mallard Eggs. pp. 158-163. *In:* D.A. Wolfe (ed.), Fate and effects of petroleum hydrocarbons in marine ecosystems and organisms. Pergamon Press, Oxford. 478 p.
- Albers, P.H. 1978. The Effects of Petroleum on Different Stages of Incubation in Bird Eggs. Bulletin of Environmental Contamination and Toxicology 19: 624-630.
- Albers, P.H. and M.L. Gay. 1982. Unweathered and Weathered Aviation Kerosene: Chemical Characterization and Effects on Hatching Success of Duck Eggs. Bulletin of Environmental Contamination and Toxicology, 28: 430-434
- Albers, P.H. and R.C. Szaro. 1978. Effects of No.2 Fuel Oil on Common Eider Eggs. Marine Pollution Bulletin, 9: 138-139.
- Anderson, J.W., J.M. Neff, B.A. Cox, H.E. Tatem and G.M Hightower. 1974. Characteristics of Dispersions and Water Soluble Extracts of Crude and Refined Oils and Their Toxicity to Estuarine Crustaceans and Fish. Marine Biology, 27: 75-88.
- Anon. 1970. Report of the Task Force-Operation Oil-to the Minister of Transportation, Information Canada 2:46-47.
- Anon. 1971. Arrow Oil Spill. Smithsonian Institute, Centre for Short-lived Phenomenon Annual Report, 1970 Event No. 15-70:134-136.
- Anon. 1990. Protecting Our Waters. Public Review Panel on Tanker Safety and Marine Spills Response Capability. Final Report. Ministry of Supply and Services.
- Armstrong, D.A., P.A. Dinnel, J.M. Orensanz, J.L. Armstrong, T.L. McDonald, R.F. Cusimano, R.S. Nemeth, M.L. Landolt, J.R. Skalski, R.F. Lee and R.J. Huggett. 1995. Status of Selected Bottomfish and Crustacean Species in Prince William Sound Following the Exxon Valdez Oil Spill. pp. 485-547. *In:* P.G. Wells, J.N. Butler and J.S. Hughes (eds.), Exxon Valdez oil spill: fate and effects in Alaskan waters, ASTM STP 1219. American Society for Testing and Materials, Philadelphia. 965 p.

- Avery, M.L., P.F. Springer and N.S. Dailey. 1978. Avian mortality at man-made structures: an annotated bibliography. U.S. Department of the Interior, Fish and Wildlife Service, Washington, FWS/OBS-78/58. 108 p.
- Bakke T., J.A. Berge, K. Naer, F. Oreld, L. O. Reierson and K. Byrne. 1989. Long-term recolonization and chemical changes in sediments contaminated with oil-based drill cuttings. p. 521-544. *In:* F.R. Englehart, J.P. Ray and A.N. Gillam (eds.), Drilling Wastes. Elsevier Applied Science. London.
- Ballie, S.M., G.J. Robertson, F.K. Wiese, U.P. Williams and D.G. Taylor. 2005. Seabird data collected by the Grand Banks offshore hydrocarbon industry 1999-2002: results, limitations, and suggestions for improvement. Canadian Wildlife Service Technical Report No. 000 Atlantic Region. xx+pp.
- Barents Sea cod and haddock in the summer of 1989. ICES-CM-1990/G:6. 22 p.
- Barnes, J.L. and L.H. Davey. 1999. A practical approach to integrated cumulative environmental effects assessment to meet the requirements of the *Canadian Environmental Assessment Act*.
- Barrie, J. 1979. Diversity of marine benthic communities from nearshore environments on the Labrador and Newfoundland coasts. M.Sc. Thesis. Department of Biology, Memorial University of Newfoundland, St. John's, Newfoundland. 85 p.+App.
- Bartol, S., J.A. Musick and M.L. Lenhardt. 1999. Auditory evoked potentials of the loggerhead sea turtle (*Caretta caretta*). Copeia 1999(3):836-840.
- Bence, A.E. and W.A. Burns. 1995. Fingerprinting Hydrocarbons in the Biological Resources of the *Exxon Valdez* spill area. pp. 84-140. *In*: P.G. Wells, J.N. Butler and J.S. Hughes (eds.), *Exxon Valdez* oil spill: fate and effects in Alaskan waters, ASTM STP 1219. American Society for Testing and Materials, Philadelphia. 965 p.
- Bence, A.E. and W.A. Burns. 1995. Fingerprinting Hydrocarbons in the Biological Resources of the *Exxon Valdez* spill area. pp. 84-140. *In*: P.G. Wells, J.N. Butler and J.S. Hughes (eds.), *Exxon Valdez* oil spill: fate and effects in Alaskan waters, ASTM STP 1219. American Society for Testing and Materials, Philadelphia. 965 p.
- Berdugo, V., R.P. Harris and S.C. O'Hara. 1979. The Effect of Petroleum Hydrocarbons on Reproduction of an Estuarine Planktonic Copepod in Laboratory Cultures. Marine Pollution Bulletin, 8: 138-143.
- Berkner, A.B., D.C. Smith and A.S. Williams. 1977. Cleaning Agents for Oiled Wildlife. pp. 411-415. *In:* Proceedings of the 1977 Conf. on the Prevention and Control of Oil Pollution. American Petroleum Institute, Washington. DC.
- Berman, M.S. and D.R. Heinle. 1980. Modification of the Feeding Behavior of Marine Copepods by Sub-lethal Concentrations of Water Accommodated Fuel Oil. Marine Biology, 56: 59-64.
- Birtwell, I.K., R. Fink, D. Brand, R. Alexander and C.D. McAllister. 1999. Survival of Pink Salmon (*Oncorhynchus gorbuscha*) Fry to Adulthood Following a 10-day Exposure to the Aromatic Hydrocarbon Water-soluble Fraction of Crude Oil and Release to the Pacific Ocean. Canadian Journal of Fisheries and Aquatic Sciences, 56: 2087-2098.

- Boersma, P.D., J.K. Parrish and A.B Kettle. 1995. Common Murre Abundance, Phenology, and Productivity on the Barren Islands, Alaska: The *Exxon Valdez* Oil Spill and Long-term Environmental Change. pp. 820-853. *In:* P.G. Wells, J.N. Butler and J.S. Hughes (eds.), Exxon Valdez oil spill: fate and effects in Alaskan waters, ASTM STP 1219. American Society for Testing and Materials, Philadelphia. 965 p.
- Born, E.W., F.F. Riget, R. Dietz and D. Andriashek. 1999. Escape responses of hauled out ringed seals (*Phoca hispida*) to aircraft disturbances. Polar Biol. 21(3):171-178.
- Bossart, G.D., M. Lutcavage, B. Mealey and P. Lutz. 1995. The dermatopathologic effects of oil on loggerhead sea turtles (*Caretta caretta*). p.180-181. *In*: L. Frink, K. Ball-Weir and C. Smith (eds.), Wildlife and oil spills: response, research, and contingency plan. Tri-State Bird Rescue and Research, Delaware. 182 p.
- Boulva, J. and I.A. McLaren. 1979. Biology of the Harbour Seal, *Phoca vitulina*, in Eastern Canada. Bulletin of the Fisheries Research Board of Canada, 200: 24 p.
- Bourbonnais, and K. Macsaac. 2006. Deep Water Corals in Atlantic Canada: A summary of ESRF-Funded Research (2001-2003), March 2006, Environmental Studies Research Funds Report No. 143. Calgary. 83 p.
- Bourne, W.R.P. 1979. Birds and gas flares. Marine Pollution Bulletin. 10: 124-125.
- Bowering, W.R. 2002. Greenland halibut (*Reinhardtius hippoglossoides*) in NAFO Subarea 2 and Divisions 3KLMNO: Stock trends based on Canadian research vessel survey results during 1978-2001. NAFO SCR Doc. 02/24. 40 p.
- Brodersen, C.C., S.D. Rice, J.W. Short, T.A. Mecklenberg and J.F. Karinen. 1977. Sensitivity of Larval and Adult Alaskan Shrimp and Crabs to Acute Exposures of the Water-soluble Fraction of Cook Inlet Crude Oil. pp. 575-578. *In:* Proceedings of the 1977 Oil Spill Conference, 8-10 March 1977. American Petroleum Institute, Washington, DC.
- Brown, H.M. and R.H. Goodman. 1987. In Situ Burning of Oil in Ice Infested Waters. ESRF Study No. 64. 27 p.
- Brown, R.G.B. 1986. Revised altas of eastern Canadian seabirds. 1. Shipboard surveys. Canadian Wildlife Service, Ottawa. 111 p.
- Brown, R.G.B., D.I. Gillespie, A.R. Lock, P.A. Pearce and G.H. Watson. 1973. Bird Mortality from Oil Slicks off Eastern Canada, February - April 1970. Canadian Field-Naturalist, 87: 225-234.
- Brown, R.G.B., D.I. Gillespie, A.R. Lock, P.A. Pearce and G.H. Watson. 1973. Bird Mortality from Oil Slicks off Eastern Canada, February - April 1970. Canadian Field-Naturalist, 87: 225-234.
- Bryant, P.J., C.M. Lafferty and S.K. Lafferty. 1984. Reoccupation of Laguna Guerrero Negro, Baja California, Mexico, by gray whales. *In:* Jones, M.L., S.L. Swartz and S. Leatherwood (eds.), The gray whale *Eschrichtius robustus*. Academic Press, Orlando, FL. 375-387 p.
- Brzorad, J.N. and J. Burger. 1994. Fish and Shrimp Populations in the Arthur Kill. pp. 178-200. In: J. Burger (ed.), Before and after an oil spill: the Arthur Kill. Rutgers University Press, New Jersey. 305 p.

- Buchanan, R.A., J.R. Christian, V.D. Moulton and B. Mactavish. 2004a. Orphan 3-D seismic program, 2004-2006, environmental assessment. LGL Rep. SA799. Rep. by LGL Limited, St. John's, Newfoundland, for Chevron Canada Resources, Calgary, Alberta and ExxonMobil Exploration Company, Houston, Texas. 209 p. + appendices.
- Buchanan, R.A., J.R. Christian, V.D. Moulton, B. Mactavish and S. Dufault. 2004b. 2004 Laurentian 2-D seismic survey environmental assessment. LGL Rep. SA816. Rep. by LGL Limited, St. John's, Newfoundland for ConocoPhillips Canada Resources Corporation, Calgary, Alberta. 274 p.
- Buchanan, R.A., J. Cook, and A. Matthieu. 2003. Environmental effects monitoring for exploration drilling. Paper presented at the Offshore Environmental Effects Monitoring Workshop at Bedford Institute of Oceanography, Dartmouth, Nova Scotia, 26-30 May 2003.
- Burger, A.E. 1993. Estimating the Mortality of Seabirds Following Oil Spills: Effects of Spill Volume. Marine Pollution Bulletin, 26: 140-143.
- Butler, R.G., A. Harfenist, F.A. Leighton and D.B. Peakall. 1988. Impact of Sublethal Oil and Emulsion Exposure on the Reproductive Success of Leach's Storm-petrels: Short and Long-term Effects. Journal of Applied Ecology, 25: 125-143.
- Cairns, D.K. and R.D. Elliot. 1987. Oil Spill Impact Assessment for Seabirds: The Role of Refugia and Growth Centres. Biological Conservation, 40: 1-9.
- Cairns, D.K., W.A. Montevecchi and W. Threlfall. 1989. Researcher's guide to Newfoundland seabird colonies. Second edition. Memorial University of Newfoundland Occasional Papers in Biology, No. 14. 43 p.
- Campana, S. 2001. Porbeagle shark in NAFO Subareas 3-6. DFO Science Stock Status Report B3-09 (2001).
- Canada-Newfoundland and Labrador Offshore Petroleum Board. 2004. Geophysical, Geological, Environmental and Geotechnical Program Guidelines.
- Canada-Newfoundland and Labrador Offshore Petroleum Board/Canada-Nova Scotia Offshore Petroleum Board. 2002. Compensation Guidelines Respecting Damages Relating to Offshore Petroleum Activity.
- Canada-Newfoundland Offshore Petroleum Board. 2000. Guidelines Respecting Drilling Programs in the Newfoundland Offshore Area.
- CAPP 1999. Estimation of Direct Human Resource Requirements Offshore Exploration and Production Newfoundland and Nova Scotia 2000-2010. Report by the Canadian Association of Petroleum Producers.
- CAPP. 2001a. Safety zones. Canadian Association of Petroleum Producers. 7 p. + App.
- CAPP. 2001b. Offshore drilling waste management review. Canadian Association of Petroleum Producers Technical Report 2001-0007. 194 p. + App.
- Cargnelli, L.M., Griesbach, S.J., Packer, D.B., and Weissberger, E. 1999. Essential fish habitat source document: Ocean quahaug, *Arctica islandica*, life history and habitat characteristics. NOAA Technical Memorandum NMFS-NE-148. 11 p.

- Carls, M.G., G.D. Marty, T.R. Meyers, R.E. Thomas and S.D. Rice. 1998. Expression of Viral Hemorrhagic Septicemia Virus in Prespawning Pacific Herring (*Clupea pallasi*) Exposed to Weathered Crude Oil. Canadian Journal of Fisheries and Aquatic Sciences, 55: 2,300-2,309.
- Casas, J..M, J. L del Rio, J. Turuel and A. Alonso. 2005. Northern Shrimp (*Pandalus borealis*) on Flemish Cap Surveys 2005. NAFO SCR Doc. 05/78.
- Catto, N.R., R.G. Hooper, M.R. Anderson, D.A. Scruton, J.D. Meade, L.M.N. Ollerhead, and U.P Williams. Biological and geomorphological classification of Placentia Bay: a preliminary assessment. Can. Tech. Rep. Fish. Aquat. Sci. No. 2289: v + 35 p.
- CEA Agency. 1994. A reference guide for the *Canadian Environmental Assessment Act*, addressing cumulative environmental effects. Prepared by the Federal Environmental Assessment Review Office, November 1994.
- CEA Agency. 2003. The process for defining the spatial boundary of a study area during an environmental assessment of offshore exploratory drilling projects. Canadian Environmental Assessment Agency Operational Policy Statement. 3 p. <u>www.acee-ceaa.gc.ca/013/0002/drilling_ops_e.htm</u> [As viewed 4 March 2004.]
- CEA Agency. 2000. Preparing project descriptions under the Canadian Environmental Assessment Act. Canadian Environmental Assessment Agency Operational Policy Statement OPS –EPO/5-2000. 6 p.
- Celewycz, A.G. and A.C. Wertheimer. 1996. Prey Availability to Juvenile Salmon after the *Exxon Valdez* Oil Spill. pp. 564-577. *In:* S.D. Rice, R.B. Spies, D.A. Wolfe, and B.A. Wright (eds.), Proceedings of the *Exxon Valdez* Oil Spill Symposium. American Fisheries Society Symposium 18.
- Chardine, J.W. 1995. The Distribution and Abundance of Aquatic Birds in Canada in Relation to the Threat of Oil Pollution. pp. 23-36. *In:* L. Frink, K. Ball-Weir and C. Smith (eds.), Wildlife and oil spills: response, research, and contingency plan. Tri-State Bird Rescue and Research, Deleware. 182 p.
- Chardine, J.W. and G. Pelly. 1994. Operation Clean Feather: Reducing Oil Pollution in Newfoundland Waters. Technical Report Series No. 198. Canadian Wildlife Service, Atlantic Region.
- Christian, J., V.D. Moulton, R.A. Pitt, B.D. Mactavish and R.A. Buchanan. 2005. Laurentian Sub-basin 3-D seismic program, environmental assessment update, 2005. LGL Rep. SA831. Rep. by LGL Limited and Canning and Pitt Associates Inc., St. John's, Newfoundland and Labrador, for ConocoPhillips Canada Resources Corporation, Calgary, Alberta. 83 p. + appendix.
- Christiansen, J.S. and S.G. George. 1995. Contamination of Food by Crude Oil Affects Food Selection and Growth Performance, but Not Appetite, in an Arctic Fish, the Polar Cod (*Boreogadus saida*). Polar Biology, 15: 277-281.
- Clark, R.B. 1984. Impact of Oil Pollution on Seabirds. Environmental Pollution, 33: 1-22.

- Colbourne, E.B. and D.C. Orr. 2004. The distribution and abundance of northern shrimp (*Pandalus borealis*) in relation to bottom temperatures in NAFO Divisions 3LNO based on multi-species surveys from 1995-2004. NAFO SCR Doc. 04/85.
- Comfort, G. 1987. Analytical Modelling of Oil and Gas Spreading Under Ice. ESRF Report No. 77. 57 p.
- Cross, W.E. 1987. Effects of Oil and Chemically Treated Oil on Primary Productivity of High Arctic Ice Algae Studies *insitu*. Arctic 40 (Supplement 1): 266-276 p.
- Crucil, C. 1989. Fish Tainting and its Role in Environmental Impact Assessment. Canadian Oil and Gas Lands Administration Environmental Protection Branch. 52 p.
- Dahlheim, M.E. and C.O. Matkin. 1994. Assessment of injuries to Prince William Sound killer whales. p. 163-171. In: T.R. Loughlin (ed.), Marine mammals and the Exxon Valdez. Academic Press, San Diego. 395 p.
- Dalley, E.L., J.T. Anderson and D.J Davis. 2001. Decadal time-series of invertebrate zooplankton on the Newfoundland Shelf and Grand Banks 1991-1999. Can. Sci. Adv. Sec. 2001/110.
- Davis, J.E. and S.S. Anderson. 1976. Effects of oil pollution on breeding grey seals. Marine Pollution Bulletin 7:115-118.
- DeYoung, B. and G.A. Rose. 1993. On recruitment and distribution of Atlantic cod (*Gadus morhua*) off Newfoundland. Can. J. Fish. Aquat. Sci. 50: 2729-2741.
- DFO. 1993. Underwater World: The Northern Shrimp. 6 p
- DFO. 1996. Scotian Shelf northern propellerclam. DFO Atlantic Fisheries Stock Status Report 96/129E.
- DFO. 2001. Proceedings of an International Harbour Porpoise Workshop. Bedford Institute of Oceanography, Dartmouth, NS. 55 p.
- Dolgov, A.V. and Yaragina, N.A. 1990. Daily feeding rhythms and food intake of the Barents Sea cod and haddock in the summer of 1989. ICES-CM-1990/G:6. 22 p.
- Duncombe, F. and A. Reille. 1980. Experience de Transplantation de Macareau. Courrier de la Nature: 13-17.
- Engelhardt, F.R. 1978. Petroleum hydrocarbons in Arctic ringed seals, *Phoca hispida*, following experimental oil exposure. p. 614-628. *In*: Proceedings of the Conference on the Assessment of the Ecological Impacts of Oil Spills, 14-17 June 1978, Keystone, CO. American Institute of Biological Science.
- Engelhardt, F.R. 1981. Oil pollution in polar bears: exposure and clinical effects. p. 139-179. *In*: Proc. 4th Arctic Marine Oilspill Program Technical Seminar, Edmonton AB. Environmental Protection Service, Ottawa, ON. 741 p.
- Engelhardt, F.R. 1982. Hydrocarbon metabolism and cortisol balance in oil-exposed ringed seals, *Phoca hispida*. Comp. Biochemistry and Physiology 72C:133-136.
- Engelhardt, F.R. 1987. Assessment of the vulnerability of marine mammals to oil pollution. p.101-115. *In*: J. Kiuper, and W.J. Van Den Brink (eds.), Fate and effects of oil in marine ecosystems. Martinus Nijhoff Publishing, Boston, Massachusetts.

- Engelhardt, F.R., J.R. Geraci and T.G. Smith. 1977. Uptake and clearance of petroleum hydrocarbons in the ringed seal, *Phoca hispida*. Journal of the Fisheries Research Board of Canada 34:1143-1147.
- Englehardt, F.R. 1985. Effect of petroleum on marine mammals. p. 217-243. *In*: F.R. Englehardt (ed.), Petroleum effects in the arctic environment. Elsevier Applied Science Publishers, London.
- Environment Canada. 1996. MANMAR-Manual of marine weather observations, 7th Edition. Atmospheric Environment Service, Environment Canada, Toronto.
- Environmental Protection Agency (EPA). 2000. Environmental assessment of final effluent limitations guidelines and standards for synthetic-based drilling fluids and other non-aqueous drilling fluids in the oil and gas extraction point source category. EPA-821-B-00-014, December 2000.
- E&P Forum. 1996. Quantitative Risk Assessment (QRA) Data Sheet Directory. The Oil Industry International Exploration and Production Forum, 25-28 Old Burlington Street, London.
- Eppley, Z.A. and M.A. Rubega. 1990. Indirect Effects of an Oil Spill: Reproductive Failure in a Population of South Polar Skuas Following the 'Bahia Paraiso' Oil Spill in Antarctica. Marine Ecology Progress Series, 67: 1-6.
- Erasmus, T. and E.D. Wessels. 1985. Heat Production Studies on Normal and Oil-covered Jackass Penguins (*Spheniscus demersus*) in Air and Water. South African Journal of Zoology, 20: 209-212.
- Falk-Petersen, I.-B. 1979. Toxic Effects of Aqueous Extracts of Ekofisk Crude Oil, Crude Oil Fractions and Commercial Oil Products on the Development of Sea Urchin Eggs. Sarsia, 64: 161-169.
- Fechhelm, R.G., B.J. Gallaway, G.F. Hubbard, S. MacLean and L.R. Martin. 2001. Opportunistic sampling at a deep-water synthetic drilling fluid discharge site in the Gulf of Mexico. Gulf of Mexico Science. 2: 97-106.
- Fisher, K.I. and Stewart, R.E.A. 1997. Summer foods of Atlantic walrus, *Odobenus rosmarus rosmarus*, in northern Foxe Basin, Northwest Territories. Can. J. Zool. 75: 1166-1175.
- Forns, J.M. 1977. The Effects of Crude Oil on Larvae of Lobster, *Homarus americanus*. pp. 569-573. *In:* Proceedings of the 1977 Oil Spill Conference, 8-10 March 1977. American Petroleum Institute, Washington, DC.
- Foy, M.G. 1982. Acute Lethal Toxicity of Prudhoe Bay Crude Oil and Corexit 9527 to Arctic Marine Fish and Invertebrates. Environment Canada, Environmental Protection Service Report No. EPS 4-EC-82-3. 62 p.
- Frink, L. 1987. An Overview: Rehabilitation of Oil Contaminated Birds. pp. 479-482. In: Proceedings of the 1987 oil spill conference: prevention, behaviour, control, cleanup. Baltimore, Maryland. 634 p.
- Frink, L. and J. White. 1990. A Perspective on the Effects of Oil on Birds. In: The effects of oil on wildlife: Research, rehabilitation and general concerns. Presented by International

Wildlife Research, Tri-State Bird Rescue and Research, Inc. and International Bird Rescue Research Center. Washington.

- Frost, K.J., L.F. Lowry and J. Ver Hoef. 1999. Monitoring the trend of harbor seals in Prince William Sound, Alaska, after the *Exxon Valdez* oil spill. Marine Mammals Science 15:494-506.
- Frost, K.J., L.F. Lowry, E.H. Sinclair, J. Ver Hoef and D.C. McAllister. 1994. Impacts on distribution, abundance and productivity of harbour seals. p. 97-118. *In*: T.R. Loughlin (ed.), Marine mammals and the *Exxon Valdez*. Academic Press, San Diego. 395 p.
- Fry, D.M. 1990. Oil Exposure and Stress Effects on Avian Reproduction. In: The effects of oil on wildlife: research, rehabilitation and general concerns. Presented by International Wildlife Research, Tri-State Bird Rescue and Research, Inc. and International Bird Rescue Research Center. Washington.
- Fugro Jacques Geosurveys Inc. 2002a. Site survey report, Gros Morne, Grand Banks of Newfoundland. C-NOPB Program #8926-H006-008E.
- Fugro Jacques Geosurveys Inc. 2002b. Site survey report, Trepassey, Grand Banks of Newfoundland. C-NOPB Program #8926-H006-009E.
- Gardner, G.R. 1975. Chemically Induced Lesions in Estuarine or Marine Teleosts. pp. 657-693. *In:* W.E. Ribelin and G. Migaki (eds.), The pathology of fishes. University of Wisconsin Press, Madison.
- Geraci, J.R. 1990. Cetaceans and oil: physiologic and toxic effects. p. 167-197. *In*: J.R. Geraci and D.J. St. Aubin (eds.), Sea mammals and oil: confronting the risks. Academic Press, San Diego. 282 p.
- Geraci, J.R. and D.J. St. Aubin. 1980. Offshore petroleum resource development and marine mammals: a review and research recommendations. Marine Fisheries Review 42:1-12.
- Geraci, J.R. and D.J. St. Aubin. 1982. Study of the effects of oil on cetaceans. Final report. Rep. from University of Guelph for U.S. Bur. Land Manage., Washington, DC. NTIS PB83-152991. 274 p.
- Geraci, J.R. and D.J. St. Aubin. 1985. Expanded studies of the effects of oil on cetaceans, Part I. Report by University of Guelph for Minerals Management Service, Washington, DC. NTIS No. PB85-200-947. 144 p.
- Geraci, J.R. and T.G. Smith. 1976. Direct and indirect effects of oil on ringed seals (*Phoca hispida*) of the Beaufort Sea. Journal of the Fisheries Research Board of Canada 33:1976-1984.
- Giguere, M., Cliche, G., and Brulotte, S. 1993. Reproduction of sea scallops (*Placopecten magellanicus*) and Iceland scallops (*Chlamys islandica*) in the Magdalen Islands. J. Shellf. Res. 12(1): 155.
- Gilfillan, W.A., D.S. Page, E.J. Harner and P.D. Boehm. 1995. Shoreline Ecology Program for Prince William Sound, Alaska, Following the Exxon Valdez Oil Spill; part 3-Biology. pp. 398-443. *In:* P.G. Wells, J.N. Butler and J.S. Hughes (eds.), *Exxon Valdez* oil spill: fate and effects in Alaskan waters, ASTM STP 1219. American Society for Testing and Materials, Philadelphia. 965 p.

- Golikov, A.N. and Scarlato, O.A. 1973. Method for indirectly defining optimum temperatures of inhabitancy for marine cold-blooded animals. Mar. Biol. 20: 1-5.
- Gorman, M.L. and H. Milne. 1970. Seasonal Changes in the Adrenal Steroid Tissue of the Common Eider *Somateria mollissima* and its Relation to Organic Metabolism in Normal and Oil-polluted Birds. Ibis, 113: 218-228.
- Gorsline, J., W.N. Holmes, and J. Cronshaw. 1981. The Effects of Ingested Petroleum on the Naphthalene-metabolizing Properties of Liver Tissue in Seawater-adapted Mallard Ducks (*Anas platyrhynchos*). Environmental Research, 24: 377-390.
- Gramentz, D. 1988. Involvement of loggerhead turtle with the plastic, metal and hydrocarbon pollution in the Central Mediterranean. Marine Pollution Bulletin 19:11-13.
- Gulf Canada. 1981. Analysis of Accidents in Offshore Operations where Hydrocarbons were Lost. A report by the Houston Technical Services Center of Gulf Research and Development Company for Gulf Canada Resources, Inc. Calgary, Alberta.
- Hall, R.J., A.A. Belisle and L. Sileo. 1983. Residues of petroleum hydrocarbons in tissues of sea turtles exposed to the Ixtoc 1 oil spill. Journal of Wildlife Diseases 19:106-109.
- Hall, A.J., J. Watkins and L. Hiby. 1996. The impact of the 1993 Braer oil spill on grey seals in Shetland. The Science of the Total Environment 186: 119-125.
- Harfenist, A., A.P. Gilman and K.L. Maus. 1990. The Effects of Exposure of Incubating Adult and Young Herring Gulls to a Simulated No.2 Fuel Oil Slick. Arch. Environmental Contamination and Toxicology, 19: 902-906.
- Hartung, R. 1965. Some Effects of Oiling on Reproduction of Ducks. Journal of Wildlife Management, 29: 872-874.
- Hartung, R. 1967. Energy Metabolism in Oil-covered Ducks. Journal of Wildlife Management., 31: 798-804.
- Hartung, R. and G.S. Hunt. 1966. Toxicity of Some Oils to Waterfowl. Journal of Wildlife Management, 30: 564-570.
- Hartung. R. 1995. Assessment of the potential for long-term toxicological effects of the *Exxon Valdez* oil spill on birds and mammals. p. 693-725. *In*: P.G. Wells, J.N. Butler and J.S. Hughes (eds.), *Exxon Valdez* oil spill: fate and effects in Alaskan waters, ASTM STP 1219. American Society for Testing and Materials, Philadelphia. 965 p.
- Harvey, J.T. and M.E. Dahlheim. 1994. Cetaceans in oil. p. 257-264. *In*: T.R. Loughlin (ed.), Marine mammals and the *Exxon Valdez*. Academic Press, San Diego. 395 p.
- Hinwood, J.B., A.E. Potts, L.R. Dennis, J.M. Carey, H. Houridis, R.J. Bell, J.R. Thomson, P. Boudreau and A.M. Ayling. 1994. Drilling activities. p. 123-207. *In:* J.M. Swan, J.M. Neff and P.C. Young (eds.), Environmental implications of offshore oil and gas development in Australia the findings of an independent scientific review. Australian Petroleum Exploration Society, Sydney.
- Hodgins, D. O. and S. L. M. Hodgins. 2000. Modelled Predictions of Well Cuttings Deposition and Produced Water Dispersion for the Proposed White Rose Development. Part Two Document by Seaconsult Marine Research Ltd. for Husky Oil Operations Limited. 45 p.

- Hoffman, D.J. 1978. Embryotoxic Effects of Crude Oil in Mallard Ducks and Chicks. Toxicology and Applied Pharmacology. 46: 183-190.
- Hoffman, D.J. 1979a. Embryotoxic and Teratogenic Effects of Crude Oil on Mallard Embryos on Day One of Development. Bulletin of Environmental Contamination and Toxicology, 22: 632-637.
- Hoffman, D.J. 1979b. Embryotoxic Effects of Crude Oil Containing Nickel and Vanadium in Mallards. Bulletin of Environmental Contamination and Toxicology, 23: 203-206.
- Holmes, W.N., J. Cronshaw and K.P. Cavanaugh. 1978. The Effects of Ingested Petroleum on Laying in Mallard Ducks (*Anas platyrhynchos*). pp. 301-309. *In:* J. Lindstedt-Siva (ed.), Proc. Energy/Environment '78, Los Angeles. Soc. Petrol. Industry Biologists. 321 p.
- Holmes, W.N., J. Gorsline and J. Cronshaw. 1979. Effects of Mild Cold Stress on the Survival of Seawater-adapted Mallard Ducks (*Anas platyrhynchos*) Maintained on Food Contaminated with Petroleum. Environmental Research, 20: 425-444.
- Hoover-Miller, A., K.R. Parker and J.J. Burns. 2001. A reassessment of the impact of *Exxon Valdez* oil spill on harbor seals (*Phoca vitulina richardsi*) in Prince William Sound, Alaska. Marine Mammal Science 17(1):111-135.
- Hose, J.E., M.D. McGurk, G.D. Marty, D.E. Hinton, E.D. Brown and T.T. Baker. 1996. Sublethal Effects of the Exxon Valdez Oil Spill on Herring Embryos and Larvae: Morphological, Cytogenetic, and Histopathological Assessments, 1989-1991. Canadian Journal of Fisheries and Aquatic Sciences, 53: 2,355-2,365.
- Hughes, M.R., C. Kasserra and B.R. Thomas. 1990. Effect of Externally Applied Bunker Fuel on Body Mass and Temperature, Plasma Concentration, and Water Flux of Glaucouswinged Gulls, *Larus glaucescens*. Canadian Journal of Zoology, 68: 716-721.
- Hunt, G.S. 1957. Causes of mortality among ducks wintering on the Lower Detroit River. Ph.D. Thesis, University of Michigan. 296 p.
- Hurlbut, S.E., S.E. French and B.J. Taylor 1991. Evaluation of Potential Effects of Major Oil Spills on Grand Banks Commercial Fish Species as a Result of Impacts on Eggs and Larvae. Environmental Studies Research Funds Report No. 110, Calgary, AB. 53 p.
- Hurley, G. and J. Ellis. 2004. Environmental effects of exploratory drilling offshore Canada: Environmental effects monitoring data and literature review-final report. Report for The Canadian Environmental Assessment Agency, Regulatory Advisory Committee (RAC).
- Husky. 2005. White Rose Environmental Effects Monitoring Program 2004, Volume 1. June 2005.
- Husky. 2006. White Rose Environmental Effects Monitoring Program 2005, Volume 1. March 2006.
- Husky. 2000. White Rose Oilfield Comprehensive Study. Submitted by Husky Oil Operations Limited, St. John's, NL.
- Husky. 2001a. White Rose Oilfield Comprehensive Study Supplemental Report. Submitted by Husky Oil Operations Limited, St. John's, NL. 265 p. + App.

- Husky. 2001b. White Rose baseline characterization data report June 2001. Prepared by Jacques Whitford Environment Limited for Husky Oil Operations Limited, St. John's, NL. 109 p. + App.
- Husky. 2003b. White Rose baseline addendum draft report January 2003. Prepared by Jacques Whitford Environment Limited for Husky Oil Operations Limited, St. John's, NL. 14 p. + App.
- Hutchings, J.A. 1996. Spatial and temporal variation in the density of northern cod and a review of hypotheses for the stock's collapse. Can. J. Fish. Aquat. Sci. 53: 943-962.
- Hutchings, J.A. and R.A. Myers. 1994. Timing of cod reproduction: interannual variability and the influence of temperature. Mar. Ecol. Prog. Ser. 108: 21-31.
- Jenssen, B.M. 1996. An overview of exposure to, and effects of, petroleum oil and organochlorine pollution in grey seals (*Halichoerus grypus*). The Science of the Total Environment 186:109-118.
- Joensen, A.H. 1972. Studies on Oil Pollution and Seabirds in Denmark 1968-1971. Dan. Rev. Game Biol., 6: 1-32.
- Johns, D.M. and J.A. Pechenik. 1980. Influence of the Water-accommodated Fraction of No. 2 Fuel Oil on Energetics of *Cancer irroratus* Larvae. Marine Biology, 55: 247-254.
- Johnson, S.R. 2002. Marine mammal mitigation and monitoring program for the 2001 Odoptu 3-D seismic survey, Sakhalin Island, Russia. Exxon Neftegas Limited, Executive Summary by LGL Limited, Yuzhno-Sakhalinsk, Russia. 49 p.
- Johnson, S.R. and D.R. Herter. 1989. The Birds of the Beaufort Sea. BP Exploration (Alaska) Inc., Anchorage. 372 p.
- JWEL 2001. Environmental review of ROV survey of Annapolis Well B24. Report by Jacques Whitford Environment, Dartmouth, NS to Marathon Canada Limited, Halifax, NS. 4 p.
- JWEL. 2002. Post-drilling environmental observations of deepwater exploration drilling at Well H-23 Newburn. Report by Jacques Whitford Environment Limited, Dartmouth, NS to Chevron Canada Resources. 6 p.
- Kalnay, E., M. Kanamitsu, R. Kistler, W. Collins, D. Deaven, L. Gandin, M. Iredell, S. Saha, G. White, J. Woollen, Y. Zhu, A. Leetmaa, R. Reynolds (NCEP Environmental Modeling Center); M. Chelliah, W. Ebisuzaki, W.Higgins, J. Janowiak, K. C. Mo, C. Ropelewski, J. Wang, (NCEP Climate Prediction Center); and R. Jenne, D. Joseph (NCAR). 1996. The NCEP/NCAR 40-Year Reanalysis Project. Bulletin of the American Meteorological Society, Vol. 77, No. 3, March 1996.
- Kenchington, E.L.R., J. Prena, K. Gilkinson, D.C. Gordon, K. MacIsaac, C. Bourbonnais, P. Schwinghamer, T.W. Rowell, D.L McKeown and W.P. Vass. 2001. Effects of experimental otter trawling on the macrofauna of a sandy bottom ecosystem on the Grand Banks of Newfoundland. Can. J. Fish. Aquat. Sci. 58: 1043-1057.
- Ketten, D.R. 2000. Cetacean ears. p. 43-108 *In*: W.W.L. Au, A.N. Popper and R.R. Fay (eds.), Hearing by Whales and Dolphins. Springer-Verlag, New York, NY. 485 p.

- Khan, R.A. and P. Ryan. 1991. Long Term Effects of Crude Oil on Common Murre (*Uria aalge*) Following Rehabilitation. Bulletin of Environmental Contamination and Toxicology, 46: 216-222.
- Kocan, R.M., J.E. Hose, E.D. Brown and T.T. Baker. 1996. Pacific herring (*Clupea pallasi*) embryo sensitivity to Prudhoe Bay petroleum hydrocarbons: laboratory evaluation and in situ exposure at oiled and unoiled sites in Prince William Sound. Canadian Journal of Fisheries and Aquatic Sciences 53: 2366-2375.
- Kooyman, G.L., R.L. Gentry and W.B. McAlister. 1976. Physiological impact of oil on pinnipeds. Unpubl. Final Rep., Res. Unit 71, to Outer Cont. Shelf Envir. Assess. Program, BLM/NOAA. 26 p.
- Kooyman, G.L., R.W. Davis and M.A. Castellini. 1977. Thermal conductance of immersed pinniped and sea otter pelts before and after oiling with Prudhoe Bay crude. p. 151-157. *In*: D.A. Wolfe (ed.), Fate and effects of petroleum hydrocarbons in marine ecosystems and organisms. Pergamon Press, Oxford.
- Kooyman, G.L., R.W. Davis and M.A. Castellini. 1977. Thermal conductance of immersed pinniped and sea otter pelts before and after oiling with Prudhoe Bay crude. p. 151-157. *In*: D.A. Wolfe (ed.), Fate and effects of petroleum hydrocarbons in marine ecosystems and organisms. Pergamon Press, Oxford.
- Kühnhold, W.W. 1972. The Influence of Crude Oils on Fish Fry. pp. 315-318. *In:* M. Ruivo (ed.), Marine Pollution and Sea Life. Fishing News (Books) Ltd., London, England.
- Kühnhold, W.W. 1974. Investigations on the Toxicity of Seawater-extracts of Three Crude Oils on Eggs of Cod (*Gadus morhua* L.). Ber. Dtsch. Wiss. Kommn. Meeresforsch, 23: 165-180.
- Kühnhold, W.W. 1978. Effects of the Water Soluble Fraction of a Venezuelan Heavy Fuel Oil (No.6) on Cod Eggs and Larvae. pp. 126-130. *In:* In the Wake of the Argo Merchant, Center for Ocean Management. University of Rhode Island, Kingston, RI.
- Kulka, D.W., M.R. Simpson, and R.G. Hooper. 2004. Changes in distribution and habitat associations of wolffish (Anarhichidae) in the Grand Banks and Labrador Shelf. Can. Sci. Advis. Sec. Res. Doc. 2001/113.
- Kulka, D.W., N.C. Antle, and J.M. Simms. 2003. Spatial analysis of 18 demersal species in relation to petroleum licence areas on the Grand Bank (1980-2000). Can. Tech. Rep. Fish. Aquat. Sci. No. 2473. 202 p.
- Laist, D.W., A.R. Knowlton, J.G. Mead, A.S. Collet and M. Podesta. 2001. Collisions between ships and whales. Marine Mammal Science 17(1):35-75.
- Lambert, J. and Goudreau, P. 1996. Performance of the New England hydraulic dredge for the harvest of Stimpson's surf clams (*Mactromeris polynyma*). Canadian Industry Report of Fisheries and Aquatic Sciences No. 235. 28 p.
- Lang, A.L., Moulton, V.D. and R.A. Buchanan. 2006. Marine mammal and seabird monitoring of Husky Energy's 3-D seismic program in the Jeanne d'Arc Basin, 2005. LGL Rep. SA887. Rep. by LGL Limited, St. John's, NL, for Husky Energy, St. John's, NL. ____ p. + appendices.

- Lawler, G.C., W. Loong and J.L. Laseter. 1978. Accumulation of Aromatic Hydrocarbons in Tissues of Petroleum-exposed Mallard Ducks (*Anas platyrhynchos*). ES & T Research, 12: 51-54.
- Leatherwood, S., F.T. Awbrey and J.A. Thomas. 1982. Minke whale response to a transiting survey vessel. Rep. Int. Whal. Comm. 32:795-802.
- Legault, C. and Himmelman, J.H. 1993. Relation between escape behaviour of benthic marine invertebrates and the risk of predation. J. Exp. Mar. Biol. Ecol. 170: 55-74.
- Leighton, F.A. 1995. The Toxicity of Petroleum Oils to Birds: An Overview. pp. 10-22. *In:* L. Frink, K. Ball-Weir and C. Smith (eds.), Wildlife and oil spills: response, research, and contingency plan. Tri-State Bird Rescue and Research, Deleware. 182 p.
- Leighton, F.A., R.G. Butler and D.B. Peakall. 1985. Oil and Arctic Marine Birds: An Assessment of Risk. pp. 183-215. *In:* F.R. Engelhardt (ed.), Petroleum effects in the arctic environment. Elsevier Applied Science Publishers, London. 281 p.
- Levenson, D.H. and R.J. Schusterman. 1997. Pupillometry in seals and sea lions: ecological implications. Canadian Journal of Zoology 75:2050-2057.
- LGL Limited. 2002. Husky Jeanne d'Arc Basin exploration drilling program project description and environmental assessment. LGL Rep. SA723. Rep. by LGL Limited, St. John's, NL, Oceans Limited, St. John's, NL, PAL Environmental Services, St. John's, NL, and SL Ross Environmental Research Limited, Ottawa, ON for Husky Oil Operations Limited, St. John's, NL. 179 p.
- LGL Limited. 2003. Husky Lewis Hill prospect exploration drilling program environmental assessment. LGL Rep. SA746. Rep. by LGL Limited, St. John's, NL, Oceans Limited, St. John's, NL, PAL Environmental Services, St. John's, NL, and SL Ross Environmental Research Limited, Ottawa, ON for Husky Oil Operations Limited, St. John's, NL. 324 p.
- LGL Limited. 2005a. Husky delineation/exploration drilling program for Jeanne d'Arc Basin area environmental assessment. LGL Rep. SA845. Rep. by LGL Limited, Canning and Pitt Associates, Inc., and PAL Environmental Services, St. John's, NL for Husky Oil Operations Limited, St. John's, NL. 340 p. + appendix.
- LGL Limited. 2005b. Orphan Basin exploration drilling program environmental assessment. LGL Rep. SA825. Rep. by LGL Limited, St. John's, NL, Canning & Pitt Associates, Inc., St. John's, NL, SL Ross Environmental Research Limited, Ottawa, ON, Oceans Limited, St. John's, NL, Lorax Environmental, Vancouver, BC, and PAL Environmental Services, St. John's, NL, for Chevron Canada Limited, Calgary, AB, ExxonMobil Canada Ltd., St. John's, NL, Imperial Oil Resources Ventures Limited, Calgary, AB and Shell Canada Limited. 353 p.
- LGL Limited. 2005c. Northern Jeanne d'Arc Basin seismic program environmental assessment. LGL Rep. SA836. Rep. by LGL Limited, St. John's, NL for Husky Energy Inc., Calgary, AB. 241 p.
- LGL Limited. 2006a. Husky Delineation/Exploration Drilling Program for Jeanne d'Arc Basin Area Environmental Assessment Update. LGL Rep. SA886. Rep. by LGL Limited, St. John's, NL, Oceans Limited, St. John's, NL, Canning & Pitt Associates, Inc., St. John's,

NL, and PAL Environmental Services, St. John's, NL, for Services, St. John's, NL, for Husky Oil Operations Limited, St. John's, NL. 67 p. + appendix.

- LGL Limited. 2006b. Orphan Basin Exploration Drilling Program Environmental Assessment Addendum. LGL Rep. SA825. Rep. by LGL Limited, St. John's, NL, Canning & Pitt Associates, Inc., St. John's, NL, SL Ross Environmental Research Limited, Ottawa, ON, Oceans Limited, St. John's, NL, Lorax Environmental, Vancouver, BC, and PAL Environmental Services, St. John's, NL, for Chevron Canada Limited, Calgary, AB, ExxonMobil Canada Ltd., St. John's, NL, Imperial Oil Resources Ventures Limited, Calgary, AB and Shell Canada Limited. 142 p. + Appendices.
- LGL Limited and Canning & Pitt Associates, Inc. 2005. Jeanne d'Arc Basin Geohazard Surveys Environmental Assessment. LGL Rep. SA854. Rep. By LGL Limited and Canning & Pitt Associates, Inc., prepared for Husky Oil Operations Limited, St. John's, NL. 105 p. + appendix.
- LGL Limited. 2001. Habitat requirements of marine fish species occurring in the Newfoundland Region I: Finfish. Draft report by LGL Limited, St. John's, NL for DFO, St. John's, NL.
- Lien, J., G.B. Stenson and P.W. Jones. 1988. Killer Whales (*Orcinus orca*) in waters off Newfoundland and Labrador, 1978-1986. Rit Fiskideildar. 11: 194-201.
- Lilly, G.R., P.A. Shelton, J. Brattey, N.G. Cadigan, B.P. Healey, E.F. Murphy, and D.E. Stansbury. 2001. An assessment of the cod stock in NAFO Divisions 2J and 3KL. Canadian Science Advisory Secretariat Research Document 2001/044. 149 p.
- Lock, A.R. and L. Deneault. 2000. Aerial surveillance to detect illegally dumped oil. Backscatter (February 2000): 14-20.
- Lock, A.R., R.G.B. Brown and S.H. Gerriets. 1994. Gazetteer of Marine Birds in Atlantic Canada. Canadian Wildlife Service, Ottawa. 137 p.
- Lock, A.R., R.G.B. Brown and S.H. Gerriets. 1994. Gazetteer of marine birds in Atlantic Canada. An atlas of seabird vulnerability to oil pollution. Canadian Wildlife Service, Environmental Conservation Branch, Environment Canada, Atlantic Region. 137 p.
- Lomond, T.M., D.C. Schneider and D.A. Methven. 1998. Transition from pelagic to benthic prey for age 0-1 Atlantic cod, *Gadus morhua*. Fish. Bull. 96: 908-911.
- Lorax Environmental. 2002. Lewis Hill Prospect modeled predictions of well cuttings deposition. Report Prepared for LGL Limited and Husky Oil Operations Ltd.
- Lowry, L.F., K.J. Frost and K.W. Pitcher. 1994. Observations of oiling of harbor seals in Prince William Sound. p. 209-225. In: T.R. Loughlin (ed.), Marine mammals and the Exxon Valdez. Academic Press, San Diego. 395 p.
- Lutz, P.L., M. Lutcavage and C.W. Caillouet. 1989. The effects of petroleum on sea turtles: applicability to Kemp's Ridley. p. 52-54. *In*: A.M. Landry (ed.), Proceedings of the First International symposium on Kemp's Ridley Sea Turtle Biology, Conservation and Management, October 1-4, 1985, Galvaston, TX. Texas A&M University Sea Grant Program.

- Mackay, D., I.A. Buist, R. Mascarenhas, and S. Paterson. 1980. Oil Spill Processes and Models. Department of Chemical Engineering, University of Toronto, Toronto, Ontario, Environmental Protection Service Publication No. EE-8.
- Macko, S.A. and S.M. King. 1980. Weathered Oil: Effect on Hatchability of Heron and Gull Eggs. Bulletin of Environmental Contamination and Toxicology, 25: 316-320.
- MacNeil, M.E. and R.H. Goodman. 1987. Oil Motion During Lead Closure. ESRF Study No. 53. 13 p.
- Mann, D.A., R.A. Varela, J.D. Goldstein, S.D. McCulloch, G.D. Bossart, J.J. Finneran, D. Houser and M.L.H. Cook. 2005. Gervais' beaked whale auditory evoked potential hearing measurements. Abstracts of the 16th biennial conference on the biology of marine mammals, San Diego, CA, 12-16 December 2005.
- Mansfield, A.W. 1970. Field report of seal investigations in Chedabucto Bay and at Sable Island, Nova Scotia 2 March-7 April 1970. Fisheries Research Board of Canada, Arctic Biological Station., Ste. Anne de Bellevue, PQ.
- Marty, G.D., J.E. Hose, M.D. McGurk, E.D. Brown and D.E. Hinton. 1997. Histopathology and Cytogenetic Evaluation of Pacific Herring Larvae Exposed to Petroleum Hydrocarbons in the Laboratory or in Prince William Sound, Alaska, after the Exxon Valdez Oil Spill. Canadian Journal of Fisheries and Aquatic Sciences, 54: 1846-1857.
- Marty, G.D., M.S. Okihiro, E.D. Brown, D. Hanes and D.E. Hinton. 1999. Histopathology of Adult Pacific Herring in Prince William Sound, Alaska, after the Exxon Valdez Oil Spill.
 Canadian Journal of Fisheries and Aquatic Sciences, 56: 419-426.
- Matkin, C.O., G.M. Ellis, M.E. Dahlheim and J. Zeh. 1994. Status of killer whales in Prince William Sound, 1985-1992. pp. 141-162. *In*: T.R. Loughlin (ed.), Marine Mammals and the *Exxon Valdez*. Academic Press, San Diego. 395 p.
- McEwan, E.H. and F.C. Koelink. 1973. The Heat Production of Oiled Mallards and Scaup. Canadian Journal of Zoology, 51: 27-31.
- McEwan, E.H. and P.M. Whitehead. 1980. Uptake and Clearance of Petroleum Hydrocarbons by the Glaucous-winged Gull (*Laras glaucescens*) and the Mallard Duck (*Anas platyrhynchos*). Canadian Journal of Zoology, 58:723-726.
- Mecklenberg, T.A., S.D. Rice and J.F. Karinen. 1977. Molting and Survival of King Crab (*Paralithodes camtschatica*) and Coonstripe Shrimp (*Pandalus hypsinotus*) Larvae Exposed to Cook Inlet Crude Oil Water-soluble Fraction. pp. 221-228. *In:* D.A. Wofe (ed.), Fate and effects of Petroleum Hydrocarbons in marine Organisms and Ecosystems. Proceedings of a Symposium, 10-12 November 1976. Seattle, Washington. Pergamon Press, Oxford.
- Miller, D.S., D.B. Peakall and W.B. Kinter. 1978. Ingestion of Crude Oil: Sublethal Effects in Herring Gull Chicks. Science, 199: 315-317.
- Misund, O.A. 1997. Underwater acoustics in marine fisheries and fisheries research. Rev. Fish. Biol., 7: 1-34.
- Misund, O.A., J.T. Øvredal and M.T. Hafsteinsson. 1996. Reactions of herring schools to the sound field of a survey vessel. Aquat. Living Resour. 9: 5-11.

- MMS (Minerals Management Service). 1997. Federal Offshore Statistics: 1995. Leasing, exploration, production and revenues to December 31, 1995. U.S. Department of the Interior, Mineral Management Service, Operations and Safety Management, OCS Report MMS 97-0007.
- MMS. 2000. Environmental impacts of synthetic based drilling fluids. U.S. Dept. Interior Minerals Management Service Gulf of Mexico OCS region. OCS Study MMS 2000-064. 121 p.
- MMS. 2001. Programmatic environmental assessment for Grid 4. Evaluation of Kerr-McGee Oil and Gas Corporation's Development Operations Coordination Document, N-7045, Nansen Block East Breaks, Blocks 602 and 646. U.S. Department of the Interior, Minerals Management Service Gulf of Mexico OCS Region.
- Mobil 1985. Hibernia Development Project, Environmental Impact Statement. Volume IIIa: Biophysical Assessment. Mobil Oil Canada, Ltd. (Operator), Gulf Canada Resources Inc., Petro-Canada Inc., Chevron Canada Resources Ltd., and Columbia Gas Development of Canada Ltd. 258 p.
- Moles, A. and B.L. Norcross. 1998. Effects of Oil-laden Sediments on Growth and Health of Juvenile Flatfishes. Canadian Journal of Fisheries and Aquatic Sciences, 55: 605-610.
- Montevecchi, W.A., F.K. Wiese, G. Davoren, A.W. Diamond, F. Huettmann and J. Linke. 1999.
 Seabird attraction to offshore platforms and seabird monitoring from support vessels and other ships: Literature review and monitoring designs. Prepared for Canadian Association of Petroleum Producers by Memorial University of Newfoundland, St. John's, Newfoundland and University of New Brunswick, Saint John. New Brunswick. 35 p.
- Moore, S.F. and R.L. Dwyer. 1974. Effects of Oil on Marine Organisms: A Critical Assessment of Published Data. Water Research, 8: 819-827.
- Morissette, S. and Himmelman, J.H. 2000. Subtidal food thieves: interactions of four invertebrate kleptoparasites with the sea star *Leptasterias polaris*. Anim. Behav. 60(4): 531-543.
- Mortensen, P., L. Buhl-Mortensen, S. Gass, D. C. Gordon, E. Kenchington, C. Bourbonnais, and K. Macsaac. 2006. Deep Water Corals in Atlantic Canada: A summary of ESRF-Funded Research (2001-2003), March 2006, Environmental Studies Research Funds Report No. 143. Calgary. 83 p.
- Moulton, V.D., J. Christian, R.A. Pitt, B.D. Mactavish and R.A. Buchanan. 2006a. Jeanne d'Arc Basin 3D Seismic Program, Environmental Assessment Update, 2006 2010. LGL Rep. SA884. Rep. by LGL Limited and Canning & Pitt Associates Inc., St. John's, NL, for Husky Energy Inc., Calgary, AB. 56 p. + appendices.
- Moulton, V.D., B.D. Mactavish, R.E. Harris and R.A. Buchanan. 2006b. Marine mammal and seabird monitoring of Chevron Canada Limited's 3-D seismic program on the Orphan Basin, 2005. LGL Rep. SA843. Rep. by LGL Limited, St. John's, NL, for Chevron Canada Limited, Calgary, AB, ExxonMobil Canada Ltd., St. John's, NL, and Imperial Oil Resources Ventures Ltd., Calgary, AB. 109 p. + appendices.

- Moulton, V.D., B.D. Mactavish and R.A. Buchanan. 2006c. Marine mammal and seabird monitoring of ConocoPhillips' 3-D seismic program in the Laurentian Sub-basin, 2005. LGL Rep. SA849. Rep. by LGL Limited, St. John's, NL, for ConocoPhillips Canada Resources Corporation, Calgary, AB. *In prep*.
- Moulton, V.D., B.D. Mactavish and R.A. Buchanan. 2005a. Marine mammal and seabird monitoring of Chevron Canada Resources' 3-D seismic program on the Orphan Basin, 2004. LGL Rep. SA817. Rep. by LGL Limited, St. John's, NL, for Chevron Canada Resources, Calgary, AB, ExxonMobil Canada Ltd., St. John's, NL, and Imperial Oil Resources Ventures Ltd., Calgary, AB. 90 p. + appendices.
- Moulton, V.D., J. Christian, R.A. Pitt, B.D. Mactavish and R.A. Buchanan. 2005b. Orphan Basin 3-D seismic program, environmental assessment update, 2005. LGL Rep. SA839.
 Rep. by LGL Limited and Canning & Pitt Associates Inc., St. John's, NL, for Chevron Canada Resources, Calgary, AB, ExxonMobil Canada Ltd., St. John's, NL, and Imperial Oil Resources Ventures Limited, Calgary, AB. 51 p. + appendix.
- Moulton, V.D., R.A. Davis, J.A. Cook, M. Austin, M.L. Reece, S.A. Martin, A. MacGillivray, D. Hannay and M.W. Fitzgerald. 2003. Environmental assessment of Marathon Canada Limited's 3-D seismic program on the Scotian Slope, 2003. LGL Rep. SA744-1. Rep. by LGL Limited, St. John's, Newfoundland for Marathon Canada Ltd., Halifax, Nova Scotia. 173 p.
- Naidu, K.S., Lawrence, J.M., Cahill, F.M., and Seward, E.M. 1999. An epidemic of starfish on scallop grounds. Book of Abstracts: 12th International Pectinid Workshop, Bergen, Norway, 5-11 May 1999.
- NEB. 1994. Guidelines respecting physical environment programs during petroleum drilling and production activities on frontier lands. National Energy Board, Canada-Newfoundland Offshore Petroleum Board, Canada-Nova Scotia Offshore Petroleum Board. Regulatory Support Office, National Energy Board, Calgary, AB.
- NEB, C-NOPB and C-NSOPB. 1999. Guidelines respecting the selection of chemicals intended to be used in conjunction with offshore drilling and production activities on frontier lands. Prepared by National Energy Board, Canada – Newfoundland Offshore Petroleum Board and the, Canada – Nova Scotia Offshore Petroleum Board. 16 p.
- NEB, C-NOPB and C-NSOPB. 2002. Offshore waste treatment guidelines. Prepared by National Energy Board, Canada Newfoundland Offshore Petroleum Board and the Canada Nova Scotia Offshore Petroleum Board. 11 p + App.
- Neff, J.M. 2005. Composition, environmental fates, and biological effects of water based drilling muds and cuttings discharged to the marine environment: A synthesis and annotated bibliography. Prepared for Petroleum Environmental Research Forum (PERF) and American Petroleum Institute, MA.
- Neff, J.M. 1985. Polycyclic aromatic hydrocarbons. p. 416-454. *In*: G.M. Rand and S.R. Petrodelli (eds.), Fundamentals of aquatic toxicology. Hemisphere Publ. Corp., Washington.
- Nerella, V.R. and E.C. Jarvis. 1980. A Manual Technique for Predicting Offshore Oil Spill Movement. Report to Atmospheric Environment Service. Downsview, Ontario.

- Nettleship, D.N. 1980. A guide to the major seabird colonies of Eastern Canada identity, distribution and abundance. Canadian Wildlife Service Manuscript Report. 133 p.
- NOAA. 2000. Final supplemental environmental impact statement regulatory amendment 1 to the Atlantic tunas, swordfish, and sharks fishery management plan. Reduction of Bycatch Mortality, and Incidental Catch in the Atlantic Pelagic Longline Fishery. http://www.nmfs.gov/sfa/hms/FSEIS%20FINAL%20appendices.htm
- Norcross, B.L., J.E. Hose, M. Frandsen and E.D. Brown. 1996. Distribution, Abundance, Morphological Condition, and Cytogenetic Abnormalities of Larval Herring in Prince William Sound, Alaska, following the Exxon Valdez oil spill. Canadian Journal of Fisheries and Aquatic Sciences, 53: 2,376-2,387.
- Oceans Ltd. 2005. Meteorology and oceanography of the Orphan Basin. Unpubl. Report. Submitted to LGL Limited, St. John's, NL. 153 p.
- Ollerhead, L.M.N., M.J. Morgan, D.A. Scruton, and B. Marrie. 2004. Mapping spawning times and locations for 10 commercially important fish species found on the Grand Banks of Newfoundland. Can. Tech. Rep. Fish. Aquat. Sci. 2522: iv + 45 p.
- Olsen, K. 1969. A comparison of acoustic threshold in cod with recordings of ship-noise. pp. 431-438. *In:* Proceedings of the FAO conference on fish behaviour in relation to fishing techniques and tactics. FAO Fisheries Report No. 62. Vol. 2, Rome.
- Orr, D.C., P.J. Veitch, and D.J. Sullivan. 2004a. An update on information pertaining to northern shrimp (*Pandalus borealis*, Kroyer) and groundfish in NAFO Divisions 3LNO. NAFO SCR Doc. 04/86.
- Orr, D.C., P.J. Veitch, and D.J. Sullivan. 2004b. Divisions 3LNO northern shrimp (*Pandalus borealis*)-Interim monitoring update. NAFO SCR Doc. 04/65.
- Parnell, J.F., M.A. Shield and D. Frierson, Jr. 1984. Hatching Success of Brown Pelican Eggs after Contamination with Oil. Colonial Waterbirds, 7: 22-24.
- Parsons, J., J. Spry and T. Austin. 1980. Preliminary observations on the effect of Bunker C Fuel Oil on seals on the Scotian Shelf. p. 193-202. *In*: Proceedings at a Workshop, Bedford Institute of Oceanography, Dartmouth, NS.
- Patenaude, N.J., W.J. Richardson, M.A. Smultea, W.J. Richardson, W.R. Koski, G.W. Miller, B. Würsig and C.R. Greene, Jr. 2002. Aircraft sound and disturbance to bowhead and beluga whales during spring migration in the Alaskan Beaufort Sea. Mar. Mamm. Sci. 18(2):309-335.
- Payne, R., O. Brazier, E.M. Dorsey, J.S. Perkins, V.J. Rowntree and A. Titus. 1983. External features in southern right whales (*Eubalaena australis*) and their use in identifying individuals. pp. 371-445. *In*: R. Payne (ed.), Communication and behaviour of whales. AAAS Sel. Symp. 76. Westview Press, Boulder, CO. 643 p.
- Peakall, D.B., D. Hallet, D.S. Miller, R.G. Butler and W.B. Kinter. 1980. Effects of Ingested Crude Oil on Black Guillemots: A Combined Field and Laboratory Study. Ambio, 9: 28-30.

- Peakall, D.B., D. Hallet, D.S. Miller, R.G. Butler and W.B. Kinter. 1980. Effects of Ingested Crude Oil on Black Guillemots: A Combined Field and Laboratory Study. Ambio, 9: 28-30.
- Peakall, D.B., D.J. Hallet, J.R. Bend, G.L. Foureman and D.S. Miller. 1982. Toxicity of Prudhoe Bay Crude Oil and its Aromatic Fractions to Nestling Herring Gulls. Environmental Research, 27: 206-215.
- Pearson, W.H., D.L. Woodruff, P.C. Sugarman and B.L. Olla. 1984. The Burrowing Behavior of Sand Lance, *Ammodytes hexapterus*: Effects of Oil-contaminated Sediment. Marine Environmental Research, 11: 17-32.
- Petro-Canada. 1996a. Development Application Terra Nova Development Environmental Impact Statement. Prepared by Petro-Canada on behalf of Terra Nova Proponents (Petro-Canada, Mobil Oil Canada Properties, Husky Oil Operations Limited, Murphy Oil Company Ltd., and Mosbacher Operating Limited.
- Petro-Canada. 1996b. Development Application Terra Nova Development Environmental Impact Statement. Supplement. Prepared by Petro-Canada on behalf of Terra Nova Proponents (Petro-Canada, Mobil Oil Canada Properties, Husky Oil Operations Limited, Murphy Oil Company Ltd., and Mosbacher Operating Limited.
- Piatt, J.F., C.J. Lensink, W.Butler, M. Kendziorek and D.R. Nysewander. 1990. Immediate Impact of the Exxon Valdez Oil Spill on Marine Birds. Auk, 107: 387-397.
- Polar Gas Project. 1977. Application to National Energy Board. Vol. 5, Part A. Environmental Statement. Prepared by Polar Gas Project, Toronto.
- Randall, R.M., B.M. Randall and J. Bevan. 1980. Oil Pollution and Penguins Is Cleaning Justified? Marine Pollution Bulletin, 11: 234-237.
- Reed, J.R. 1987. Polarizing filters fail to reduce light attraction in Newell's shearwaters. Wildlife Society Bulletin, 15: 596-598.
- Reed, J.R., J.L. Sincock and J.P. Hailman. 1985. Light attraction in endangered Procellariiform birds: reduction by shielding upward radiation. Auk 102: 377-383.
- Reeves, R.R., G.P. Silber and P.M. Payne. 1998. Draft recovery plan for Fin Whales (*Balaenoptera physalus*) and Sei Whales (*B. borealis*). Office of Protected Resources, National Marine Fisheries Service, Silver Spring, Maryland.
- Rice, S.D. 1985. Effects of Oil on Fish. pp. 157-182. *In:* F.R. Engelhardt (ed.), Petroleum Effects in the Arctic Environment. Elsevier Science Publishing Co., NY.
- Rice, S.D., D.A. Moles, T.L. Taylor and J.F. Karinen. 1979. Sensitivity of 39 Alaskan Marine Species to Cook Inlet Crude Oil and No.2 Fuel Oil. pp. 549-554. *In:* API, EPA, and USCG, 1979 Oil Spill Conference (Prevention, Behavior, Control, Cleanup), Proceedings. American Petroleum Institute, Washington, DC.
- Rice, S.D., M.M. Babcock, C.C. Brodersen, M.G. Carls, J.A. Gharrett, S. Korn, A. Moles and J.W. Short. 1986. Lethal and Sub-lethal Effects of the Water-soluble Fraction of Cook Inlet Crude on Pacific Herring (*Clupea harengus pallasi*) Reproduction. Final report, Outer Continental Shelf Environmental Assessment Program, NOAA.

- Rice, S.D., R.B. Spies, D.A. Wolfe, and B.A. Wright (eds). 1996. Proceedings of the Exxon Valdez Oil Spill Symposium. American Fisheries Society Symposium 18, Bethesda, MD.
- Richardson, W. J., C. R. Greene Jr., C. I. Malme and D. H. Thomson. 1995. Marine Mammals and Noise. Academic Press, San Diego. 576 p.
- Richardson, W.J., R.A. Davis, C.R. Evans and P. Norton. 1985c. Distribution of bowheads and industrial activity, 1980-84. pp. 255-306. *In*: W.J. Richardson (ed.), Behaviour, disturbance responses and distribution of bowhead whales *Balaena mysticetus* in the eastern Beaufort Sea, 1980-84. OCS Study MMS 85-0034. Rep. from LGL Ecol. Res. Assoc. Inc., Bryan, TX, for U.S. Minerals Manage. Serv., Reston, VA. 306 p. NTIS PB87-124376.
- Richardson, W.J., R.S. Wells and B. Würsig. 1985b. Disturbance responses of bowheads, 1980-84. p. 89-196 *In*: W.J. Richardson (ed.), Behaviour, disturbance responses and distribution of bowhead whales *Balaena mysticetus* in the eastern Beaufort Sea, 1980-84. OCS Study MMS 85-0034. Rep. from LGL Ecol. Res. Assoc. Inc., Bryan, TX, for U.S. Minerals Manage. Serv., Reston, VA. 306 p. NTIS PB87-124376.
- Ridgway, S.H., E.G. Wever, J.G. McCormick, J. Palin and J.H. Anderson. 1969. Hearing in the giant sea turtle, *Chelonia mydas*. Proc. Nat. Acad. Sci. U.S. 64:884-890.
- Roddick, D.L. and Lemon, D. 1992. Exploratory survey for small Arctic surfclams on the eastern Scotian Shelf. Can. Ind. Rep. Fish. Aquat. Sci. No. 215. 33 p.
- Rose, G.A. 1993. Cod spawning on a migration highway in the northwest Atlantic. Nature 366: 458-461.
- Rose, G.A., B. deYoung, D.W. Kulka, S.V. Goddard and G.L. Fletcher. 2000. Distribution shifts and overfishing the northern cod (*Gadus morhua*): a view from the ocean. Can. J. Fish. Aquat. Sci. 57: 644-663.
- Sage, B. 1979. Flare up over North Sea birds. New Scientist. 81: 464-466.
- Sanders, H.L., J.F. Grassle and J.R. Hampson. 1981. Long Term Effects of the Barge Florida Oil Spill. Washington, D.C: Environmental Protection Agency Office of Research and Development.
- Sanders, H.L., J.F. Grassle, G.R. Hampson, L.S. Morse, S. Garner-Price and C.C. Jones. 1990. Anatomy of an Oil Spill: Long-term Effects from the Grounding of the Barge Florida off West Falmouth, Massachusetts. Journal of Marine Research, 38: 265-380.
- Scandpower A/S. 2000. Blowout Frequencies 2000, BlowFAM Edition, Report No. 27.20.01/R3, March 2000.
- Scott, W.B. and M.G. Scott. 1988. Atlantic fishes of Canada. Can. Bull. Fish. Aquat. Sci. 219. 731 p.
- S.H., R.S. Wells, and B. Würsig. 1986. Ecology, behavior and social organization of bottlenose dolphin: a review. Mar. Mamm. Sci. 2(1):34-63.
- Sharp, B.E. 1996. Post-release Survival of Oiled, Cleaned Seabirds in North America. Ibis, 138: 222-228.

- Sharples, B.P.M., J.J. Stiff, D.W. Kalinowski and W.G. Tidmarsh. 1989. Statistical Risk Methodology: Application for Pollution Risks from Canadian Georges Bank Drilling Program. Paper presented at the 21st Annual Offshore Technology Conference, Houston, Texas, May 1-4, 1989.
- Short, JW. and P.M. Harris. 1996. Chemical Sampling and Analysis of Petroleum Hydrocarbons in Near-surface Seawater of Prince William Sound after the *Exxon Valdez* Oil SPill. pp. 17-28. *In:* S.D. Rice, R.B. Spies, D.A. Wolfe, and B.A. Wright (eds.), Proceedings of the *Exxon Valdez* Oil Spill Symposium. American Fisheries Society Symposium 18.
- Simpson, M.R. and D.W Kulka. 2002. Status of three wolffish species (*Anarhichus lupus*, A. minor, and *A. denticulatus*) in Newfoundland waters (NAFO Divisions 2GHJ3KLNOP). Canadian Science Advisory Secretariat Research Document 2002/078. 96 p.
- Simpson, M.R. and D.W. Kulka. 2003. Formulation of an incidental harm permit strategy for wolffish species (Anarhichadidae). Can. Sci. Advis. Sec. Res. Doc. 2003/047.
- SL Ross and DF Dickins. 1987. Field Research Spills to Investigate the Physical and Chemical State of Oil in Pack Ice. ESRF Study No. 62. 116 p.
- SL Ross Environmental Research Ltd. 1995. Probability, Fate, Impact and Control of Terra Nova Oil Spills. Petro-Canada. December 1995.
- SL Ross Environmental Research Ltd. 2000. Spill Related Properties and Dispersant Effectiveness of White Rose Crude Oil. Husky Oil Operations. February 2000.
- SL Ross Environmental Research Ltd. 2002a. Blowout and spill probability assessment for by Husky Oil Operations Limited in Lewis Hill Prospect Area. Prepared by S.L. Ross Environmental Research Ltd. for LGL Limited and Husky Oil Operations Limited.
- SL Ross Environmental Research Ltd. 2002b. Fate and behaviour of hypothetical spills from the South Whale Exploration Operation. Prepared by S.L. Ross Environmental Research Ltd. for LGL Limited and Husky Oil Operations Limited.
- SL Ross Environmental Research Ltd. 2002b. Fate and behaviour of hypothetical spills from the South Whale Exploration Operation. Prepared by S.L. Ross Environmental Research Ltd. for LGL Limited and Husky Oil Operations Limited.
- SL Ross Environmental Research Ltd.. 1986. Testing of an oil recovery concept for use in brash and Mulched Ice. ESRF Study No. 18. 43 p.
- Smultea, M.A. and B. Würsig. 1995. Behavioral reactions of bottlenose dolphins to the Mega Borg oil spill, Gulf of Mexico 1990. Aquatic Mammals 21:171-181.
- Spraker, T.R., L.F. Lowry and K.J. Frost. 1994. Gross necropsy and histopathological lesions found in harbor seals. pp. 281-311. *In*: T.R. Loughlin (ed.). Marine mammals and the *Exxon Valdez*. Academic Press, San Diego. 395 p.
- St. Aubin, D.J. 1990. Physiologic and toxic effects on polar bears. p. 235-239. *In:* J.R. Geraci and D.J. St. Aubin (eds.), Sea mammals and oil: confronting the risks. Academic Press, San Diego. 282 p.

- St. Aubin, D.J., J.R. Geraci, T.G. Smith and T.G. Friesen. 1985. How do bottlenose dolphins, *Tursiops truncatus*, react to oil films under different light conditions? Canadian Journal of Fisheries and Aquatic Sciences 42:430-436.
- St. Aubin, D.J., R.H. Stinson and J.R. Geraci. 1984. Aspects of the structure and composition of baleen, and some effects of exposure to petroleum hydrocarbons. Canadian Journal of Zoology 62:193-198.
- Steedman, R.J. 1991. Occurrence and environmental correlates of black spot disease in stream fishes near Toronto, Ontario. Transcripts of the American Fisheries Society 120:494-499.
- Stephenson, R. 1997. Effects of Oil and Other Surface-active Organic Pollutants on Aquatic Birds. Environmental Conservation, 24: 121-129.
- Stubblefield, W.A., G.A. Hancock, H.H. Prince and R.K. Ringer. 1995. Effects of Naturally Weathered *Exxon Valdez* Crude Oil on Mallard Reproduction. Environmental Toxicology and Chemistry, 14: 1951-1960.
- Swennen, C. 1977. Laboratory research on seabirds. Texel, The Netherlands: Netherlands Institute for Sea Research.
- Szaro, R.C., G. Hensler and G.H. Heinz. 1981. Effects of Chronic Ingestion of No. 2 Fuel Oil on Mallard Ducklings. Journal of Toxicology and Human Health, 7: 789-799.
- Szaro, R.C., M.P. Dieter and G.H. Heinz. 1978. Effects of Chronic Ingestion of South Louisiana Crude Oil on Mallard Ducklings. Environmental Research, 17: 426-436.
- Telfer, T.C., J.L. Sincock, G.V. Byrd and J.R. Reed. 1987. Attraction of Hawaiian seabirds to lights: conservation efforts and effects of moon phase. Wildlife Society Bulletin. 15: 406-413.
- Thomson, D.H., R.A. Davis and T. Hillis. 1991. Effects of Operational Discharges from Ships on Marine Life. Unpublished report by LGL Ltd. for Government Consulting Group, Ottawa and Canadian Coast Guard, Ottawa, ON. 30 p.
- Thomson, D.H., R.A. Davis, R. Bellore, E. Gonzalez, J. Christian, V. Moulton and R. Harris. 2000. Environmental assessment of exploration drilling off Nova Scotia. Report by LGL Limited for Canada-Nova Scotia Offshore Petroleum Board, Mobil Oil Canada Properties Ltd., Shell Canada Ltd., Imperial Oil Resources Ltd., Gulf Canada Resources Ltd., Chevron Canada Resources, PanCanadian Petroleum, Murphy Oil Ltd., and Norsk Hydro. 278 p.
- Torres, P. and I. Loureiro. 2001. Data on the bathymetric distribution of crustaceans and cephalopods in Flemish Cap Bank during summer 2000. NAFO SCR Doc. 01/41. 6 p.
- Trivelpiece, W.Z., R.G. Butler, D.S. Miller and D.B. Peakall. 1984. Reduced Survival of Chicks of Oil-dosed Adult Leach's Storm-petrels. The Condor, 86: 81-82.
- Trudel, K. 1985. Zooplankton. Part 3.3. In. W.S. Duval (ed.), A Review of the Biological Fate and Effects of Oil in Cold Marine Environments. Report by ESL Limited, S.L. Ross Environmental Research Ltd. and Artic Laboratories Ltd. for Environment Canada, Edmonton, AB. 242 p.

- Urbán R., J., L. Rojas-Bracho, H. Pérez-Cortés, A. Gómez-Gallardo, S.L. Swartz, S.a. Ludwig and R.L. Brownell, Jr. 2003. A review of gray whales (*Eschrichtius robustus*) on their wintering grounds in Mexican waters. Journal of Cetacean Research Management 5(3):281-295.
- Vangilder, L.D. and T.J. Peterle. 1980. South Louisiana Crude Oil and DDE in the Diet of Mallard Hens: Effects on Reproduction and Duckling Survival. Bulletin Environmental Contamination and Toxicology, 25: 23-28.
- Vargo, S., P. Lutz, D. Odell, E. VanVleet and G. Bossart. 1986. Study of the effects of oil on marine turtles. Final report to Minerals Management Service MMS Contract No. 14-12-0001-30063. 181 p.
- Vázquez, A. 2002. Results from bottom trawl survey on Flemish Cap of July 2001. NAFO SCR Doc. 01/12. 8 p.
- von Ziegesar, O., E. Miller and M.E. Dahlheim. 1994. Impacts on humpback whales in Prince William Sound. pp. 173-191. *In*: T.R. Loughlin (ed.), Marine mammals and the *Exxon Valdez*. Academic Press, San Diego. 395 p.
- Wahl, T.R. and D. Heinemann. 1979. Seabirds and fishing vessels: co-occurrence and attraction. Condor. 81: 390-396.
- Walsh, S.J., M.F. Veitch, W.B. Brodie, and E. Colbourne. 2006. Distribution and abundance of yellowtail flounder (*Limanda ferruginea*) on the Grand Bank, NAFO Divisions 3LNO, from Canadian bottom trawl survey estimates from 1984-2006. NAFO SCR Doc. 06/41.
- Walton, P., C.M.R. Turner, G. Austin, M.D. Burns and P. Monaghan. 1997. Sub-lethal Effects of an Oil Pollution Incident on Breeding Kittiwakes Rissa Tridactyla. Marine Ecology Progress Series, 155: 261-268.
- Watkins, W.A. 1986. Whale reactions to human activities in Cape Cod waters. Marine Mammal Science 2(4):251-262.
- Watkins, W.A. and K.E. Moore. 1983. Three right whales (*Eubalaena glacialis*) alternating at the surface. J. Mammal. 64(3):506-508.
- Weber, D.D., D.J. Maynard, W.D. Gronlund and V. Konchin. 1981. Avoidance Reactions of Migrating Adult Salmon to Petroleum Hydrocarbons. Canadian Journal of Fisheries and Aquatic Sciences, 38: 779-781.
- Weise, F.K. and P.C. Ryan. 1999. Trends of chronic oil pollution in Southeast Newfoundland assessed through Beached-bird surveys, 1984-1997. Bird Trends (Spring 1999): 36-40.
- Welaptega Consulting. 1993. Biofouling management considerations for the Hibernia development. Final Report for Hibernia Management and Development Company. 141 p + Appendix.
- Wiens, J.A. 1995. Recovery of Seabirds Following the Exxon Valdez Oil Spill: An Overview. pp. 854-893. *In:* P.G. Wells, J.N. Butler and J.S. Hughes (eds.), Exxon Valdez oil spill: fate and effects in Alaskan waters, ASTM STP 1219. American Society for Testing and Materials, Philadelphia. 965 p.

- Wiens, J.A., T.O. Crist, R.H. Day, S.M. Murphy and G.D. Hayward. 1996. Effects of the Exxon Valdez Oil Spill on Marine Bird Communities in Prince William Sound. Alaska. Ecological Applications, 6: 828-841.
- Wiese, F.K. and P.C. Ryan. 1999. Trends of Chronic Oil Pollution in Southeast Newfoundland Assessed Through Beached-bird Surveys 1984-1997. Bird Trends, No.7: 36-40.
- Williams, A.S. 1985. Rehabilitating Oiled Seabirds. *In:* J. Burridge and M. Kane (eds.). A Field Manual. International Bird Rescue Research Center, Berkely CA. 79 p.
- Williams, A.S. 1985. Rehabilitating Oiled Seabirds. *In:* J. Burridge and M. Kane (eds.). A Field Manual. International Bird Rescue Research Center, Berkely CA. 79 p.
- Williams, U. and J. Chardine. 1999. Leach's Storm-petrel (*Oceanodroma leucorhoa*). A Handbook on Release Techniques Prepared for Workers on the Terra Nova Oil Field. 4 p.
- Witbaard, R., Jansma, E., and Klaassen, U.S. 2003. Copepods link quahog growth to climate. J. Sea Res. 50(1): 77-83.
- Witherspoon, P.J. Swiss, R. Kowalchuk and J. Armstrong. 1985. Oil in Ice Computer Model. ESRF Study No. 19. 129 p.
- Wood, D. 1999. Hibernia. Air Canada EnRoute (February): 48-57.
- Würsig, B. 1990. Cetaceans and oil: ecologic perspectives. pp. 129-165. *In*: J.R. Geraci and D.J. St. Aubin (eds.), Sea Mammals and Oil: Confronting the Risks. Academic Press, San Diego. 282 p.
- Würsig, B., D.W. Weller, A.M. Burdin, S.H. Reeve, A.L. Bradford and S.A. Blokhin. 1999. Gray whales summering off Sakhalin Island, Far East Russia: July-September 1998/A joint U.S.-Russian scientific investigation. Rep. from Texas A&M Res. Found., College Station, TX, and Kamchatka Inst. Ecol. Nat. Manage., Kamchatka, Russia, for Sakhalin Energy Invest. Co. and Exxon Neftegas. 133 p.
- Yochem, P.K., B.S. Stewart, R.L. DeLong and D.P. DeMaster. 1987. Diel haulout patterns and site fidelity of harbor seals (*Phoca vitulina richardsi*) on San Miguel Island, California, in autumn. Marine Mammal Science 3:323-332.