

6.0 Literature Cited

- ALTRT (Atlantic Leatherback Turtle Recovery Team). 2006. Recovery strategy for leatherback turtle (*Dermochelys coriacea*) in Atlantic Canada. Species at Risk Act Recovery Strategy Series. Fisheries and Oceans Canada, Ottawa. vi +45 p.
- Breeze, H., D.S. Davis, M. Butler and V. Kostylev. 1997. Distribution and status of deep sea corals off Nova Scotia. Marine Issues Committees Special Publication Number 1. Ecology Action Centre.
- Brown, R.G.B. 1986. Revised atlas of eastern Canadian seabirds. 1. Shipboard surveys. Canadian Wildlife Service, Ottawa. 111 p.
- Brown, R. G. B., D. N. Nettleship, P. Germain, C. E. Tull and T. Davis. 1975. Atlas of eastern Canadian seabirds. Canadian Wildlife Service, Ottawa. 220 p.
- Buchanan, R.A., J. A. Cook and A. Mathieu. 2003. Environmental effects monitoring for exploration drilling. LGL Report No. SA735 by LGL Ltd., CEF Consultants Ltd., and Oceans Ltd. for Environmental Studies Research Funds, Calgary, Alberta.
- Buhl-Mortensen, L. and P.B. Mortensen. 2004. Crustaceans associated with the deep-water gorgonian corals *Paragorgia arborea* (L., 1758) and *Primnoa resedaeformis* (Gunn., 1763). Journal of Natural History 38: 1233-1247.
- Canning & Pitt. 2002. Environmental Assessment Report: TGS-NOPEC Geophysical Company ASA Seismic Survey – Newfoundland Orphan Basin – Labrador Slope 2002 (S/V Zephyr I). Canning & Pitt Associates, Inc. Report for TGS-NOPEC.
- Castonguay, M. and S. Valois. 2007. Ecologically and biologically significant areas for demersal fishes in the northern Gulf of St. Lawrence. Can. Sci. Advis. Sec. Res. Doc. 2007/014.
- Christian, J.R., A. Mathieu, and R.A. Buchanan. 2004. Chronic effects of seismic energy on snow crab (*Chionoecetes opilio*). Environmental Studies Research Funds Report No. 158. Calgary. 18 pp. + appendices.
- C-NLOPB (Canada-Newfoundland and Labrador Offshore Petroleum Board). 2005. Western Newfoundland and Labrador Offshore Area Strategic Environmental Assessment. Prepared by LGL Ltd., St. John's, NL, for C-NLOPB, St. John's, NL. 335 p. + appendices.
- C-NOPB (Canada-Newfoundland Offshore Petroleum Board). 2003. Orphan Basin Strategic Environmental Assessment. Prepared by LGL Ltd., St. John's, NL, for C-NOPB, St. John's, NL.
- C-NOPB. 2004. Geophysical, Geological, Environmental and Geotechnical Program Guidelines.
- C-NOPB and C-NSOPB. 2003. Strategic Environmental Assessment Laurentian Sub Basin. Draft Report by Canada-Newfoundland Offshore Petroleum Board and Canada-Nova Scotia Offshore Petroleum Board. 226 p. + App.
- COSEWIC (Committee on the Status of Endangered Wildlife in Canada). 2002. COSEWIC assessment and update status report on the blue whale *Balaenoptera musculus* in Canada. Committee on the Status of Endangered Wildlife in Canada. Ottawa. vi + 32 pp.
- COSEWIC. 2003. COSEWIC assessment and status report on the sei whale *Balaenoptera borealis* in Canada. Committee on the Status of Endangered Wildlife in Canada. Ottawa. vii+ 27 pp.
- COSEWIC. 2007. Canadian Species at Risk. Committee on the Status of Endangered Wildlife in Canada, January 2007. 84 p.
- Davis, R.A., D.H. Thomson and C.I. Malme. 1998. Environmental Assessment of Seismic Exploration on the Scotian Shelf. Report by LGL Limited for Mobil Oil Canada Properties Ltd., Shell Canada Ltd. and Imperial Oil Ltd. 181 p.
- Deichman, E. 1936. The Alcyonaria of the western part of the Atlantic Ocean. Harvard University, Museum of Comparative Zoology Memoirs 53:1-317.
- DFO. 2002-2004. Catch and effort georeferenced digital data sets supplied by Statistics Division, Newfoundland and Labrador Region, Maritimes Region, Gulf Region and Quebec Region.

- DFO. 2004a. Review of scientific information on impacts of seismic sound on fish, invertebrates, marine turtles and marine mammals. DFO Can. Sci. Advis. Sec. Habitat Status Report 2004/002.
- DFO. 2004b. Potential impacts of seismic energy on snow crab. DFO Can. Sci. Advis. Sec. Habitat Status Report 2004/003.
- DFO. 2004c. Proceedings of the peer review on potential impacts of seismic energy on snow crab; September 29, 2004, Moncton, NB. Can. Sci. Advis. Sec. Proc. Ser. 2004/045.
- DFO. 2005-2006. Catch and effort georeferenced digital data sets supplied by Statistics Division, Newfoundland and Labrador Region and Maritimes Region.
- DFO. 2006a. Southern Gulf of St. Lawrence Snow Crab (Areas 12, E and F). DFO Can. Sci. Advis. Sec. Sci. Advis. Rep. 2006/030.
- DFO. 2006b. Assessment of the Estuary and Northern Gulf of St. Lawrence (Areas 13 to 17 and 12A, 12B and 12C) Snow Crab Stocks in 2005. DFO Can. Sci. Advis. Sec., Sci. Advis. Rep. 2006/019.
- DFO. 2006c. Assessment of Eastern Nova Scotia (4VW) Snow Crab. DFO Can. Sci. Advis. Sec. Sci. Advis. Rep. 2006/027.
- DFO. 2006d. Ecologically and biologically significant areas (EBSA) in the Estuary and Gulf of St. Lawrence: identification and characterization. DFO Can. Sci. Advis. Sec. Sci. Adv. Rep. 2007/016.
- DFO. 2007a. Assessment of cod stock in the Northern Gulf of St. Lawrence (3Pn, 4RS) in 2006. DFO Can. Sci. Advis. Sec., Sci. Advis. Rep. 2007/003.
- DFO. 2007b. Assessment of Cod in the Southern Gulf of St. Lawrence (NAFO Div. 4T). DFO Can. Sci. Advis. Sec. Sci. Advis. Rep. 2007/009.
- DFO. 2007c. Cetacean sighting database. Marine mammal section, DFO, St. John's, NL.
- Edinger, E., K. Baker, R. Devillers, and V. Wareham. 2007. Coldwater corals off Newfoundland and Labrador: Distribution and fisheries impacts. Report for the World Wildlife Fund. 31 pp. + appendices.
- Ellis, J.I., A.M. Norkko and S.F. Thrush. 2000. Broad scale disturbance of intertidal and shallow sublittoral soft-sediment habitats; effects on the benthic macrofauna. *Journal of Aquatic Ecosystem Health* 7:57-74.
- FRCC (Fisheries Resource Conservation Council). 2005. Strategic Conservation Framework for Atlantic Snow Crab: Report to the Minister of Fisheries and Oceans. FRCC.05.R1.
- Gailey, G., B. Wursig and T.L. McDonald. 2007. Abundance, behavior, and movement patterns of western gray whales in relation to a 3-D seismic survey, Northeast Sakhalin Island, Russia. *Environmental Monitoring and Assessment*.
- Grégoire, F., C. Lévesque, J-L Beaulieu, and J. Hudon. 2006. Assessment of the Atlantic mackerel (*Scomber scombrus* L.) spawning stock biomass from the 2003, 2004 and 2005 egg surveys. *Can. Sci. Advis. Sec. Res. Doc.* 2006/100. 48 pp.
- Hjermann, D.Ø., A. Melsom, G.E. Dingsør, J.M. Durant, A.M. Eikeset, L.P. Røed, G. Ottersen, G. Storvik and N.C. Stenseth. 2007. Fish and oil in the Lofoten-Barents Sea system: synoptic review of the effect of oil spills on fish populations. *Marine Ecology Progress Series* 339:283-299.
- Husky. 2003. Husky Lewis Hill Prospect Exploration Drilling Program Environmental Assessment. Prepared by LGL Limited, Oceans Limited, Provincial Airlines Limited, and S.R. Ross Environmental Research Ltd. for Husky Oil Operations Limited, St. John's, NL. 324 p.
- JW (Jacques Whitford). 2006. Port au Port Seismic Program Screening and Registration. Report No. 1008389 Prepared by Jacques Whitford, St. John's, NL, for Tekoil & Gas Corporation, The Woodlands, TX.
- JW. 2007. Port au Port Seismic Program Screening. Report No. 1022133 Prepared by Jacques Whitford, St. John's, NL, for Tekoil & Gas Corporation, St. John's, NL.
- Jensen, A. and R. Frederiksen. 1992. The fauna associated with the bank-forming deepwater coral *Lophelia pertusa* (Scleractinaria) on the Faroe shelf. *Sarsia* 77:53-69.

- Katona, S.K., V. Rough and D.T. Richardson. 1993. A Field Guide to Whales, Porpoises and Seals from Cape Cod to Newfoundland. Smithsonian Institution, Washington, USA. 316 p.
- Kingsley, M.C.S. and R.R. Reeves. 1998. Aerial surveys of cetaceans in the Gulf of St. Lawrence in 1995 and 1996. *Canadian Journal of Zoology* 76(8):1529-1550.
- Kulka, D., C. Hood and J. Huntington. 2007. Recovery strategy for Northern Wolffish (*Anarhichas denticulatus*) and Spotted Wolffish (*Anarhichas minor*), and Management Plan for Atlantic Wolffish (*Anarhichas lupus*) in Canada [Proposed]. Fisheries and Oceans Canada: Newfoundland and Labrador Region. St. John's, NL. x + 103 p.
- LGL. 2007a. Port au Port Bay Exploration Drilling Program Environmental Assessment. Report Prepared by LGL Ltd., St. John's, NL, in assoc. with Calixte Environmental Management for PDI Productions Inc., St. John's, NL.
- LGL. 2007b. Project Registration for the Garden Hill Seismic Exploration Program on the Port au Port Peninsula, NL. Report Prepared by LGL Ltd., St. John's, NL, in assoc. with Calixte Environmental Management for PDI Productions Inc., St. John's, NL.
- 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.
- MacIsaac, K., C. Bourbonnais, E. Kenchington, D. Gordon Jr. and S. Gass. 2001. Observations on the Occurrence and Habitat Preference of Corals in Atlantic Canada. *In*: Willison, J.H.M., J. Hall, S.E. Gass, E.L.R. Kenchington, M. Butler and P. Doherty (eds.), Proceedings of the First International Symposium on Deep-Sea Corals, Halifax, Canada. 231 p.
- Mann, D.A., P.A. Cott, B.W. Hanna and A.N. Popper. 2007. Hearing in eight species of northern Canadian freshwater fishes. *Journal of Fish Biology* 70:109-120.
- Miller, G.W., V.D. Moulton, R.A. Davis, M. Holst, P. Millman, A. MacGillivray and D. Hannay. 2005. Monitoring seismic effects on marine mammals—southeastern Beaufort Sea, 2001-2002. p. 511-542 *In*: S.L. Armsworthy, P.J. Cranford and K. Lee (eds.), Offshore oil and gas environmental effects monitoring/Approaches and technologies. Battelle Press, Columbus, OH. 631 p.
- Mitchell, E.D. and D.G. Chapman. 1977. Preliminary assessment of stocks of northwest Atlantic sei whales (*Balaenoptera borealis*). Report of the International Whaling Commission Special Issue 5:153-212.
- Morin, B., R. Methot, J-M Sevigny, D. Power, B. Branton and T. McIntyre. 2004. Review of the structure, the abundance and distribution of *Sebastes mentella* and *S. fasciatus* in Atlantic Canada in a species-at-risk context. Canadian Science Advisory Secretariat (CSAS) Res. Doc. 2004/058.
- Moriyasu, M., R. Allain, K. Benhalima, and R. Claytor. 2004. Effects of seismic and marine noise on invertebrates: A literature review. *Can. Sci. Advis. Sec. Res. Doc.* 2004/126.
- Mortensen, P.B. 2001. Aquarium observations on the deep-water coral *Lophelia pertusa* (L., 1758) (Scleractinia) and selected associated invertebrates. *Ophelia* 54: 83-104.
- Mortensen, P.B., L. Buhl- Mortensen, D.C. Gordon Jr., G.B.J. Fader, D.L. McKeown and D.G. Fenton (submitted Nov. 2002). Effects of fisheries on deep-water gorgonian corals in the Northeast Channel, Nova Scotia (Canada). *In*: J. Thomas and Barnes, P. (eds.), Effects of Fishing Activities on Benthic Habitats: Linking Geology, Biology, Socioeconomics, and Management. American Fisheries Society Symposium, November 12-14, 2002, Tampa, Florida.
- Mortensen, P.B., L. Buhl-Mortensen, S.E. Gass, D.C. Gordon Jr., E.L.R. Kenchington, C. Bourbonnais, and K.G. MacIsaac. 2006. Deep-water corals in Atlantic Canada: A summary of ESRF-funded research (2001-2003), March 2006, Environmental Studies Research Funds Report No. 143. 83 p.
- Moulton, V.D. and B.D. Mactavish. 2004. Recommended seabird and marine mammal observational protocols for Atlantic Canada. DRAFT LGL Rep. SA775-1. Rep. from LGL Ltd., St. John's, NL, for National Energy Board, Environmental Studies Research Funds, Calgary, AB. 71 p.
- 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. National Energy Board, Canada-Newfoundland Offshore Petroleum Board, and Canada-Nova Scotia Offshore Petroleum Board. 21 p.
- Nedwell, J.R., A.W.H. Turnpenny, J.M. Lovell and B. Edwards. 2006. An investigation into the effects of underwater piling noise on salmonids. *Journal of the Acoustical Society of America* 120(5):2250-2554.
- Nowacek, D.P., L.H. Thorne, D.W. Johnston, and P.L. Tyack. 2007. Responses of cetaceans to anthropogenic noise. *Mammal Review* 37(2):81-115.
- 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. Canadian Technical Report of Fisheries and Aquatic Sciences 2522:iv + 45 p.
- Parry, G.D. and A. Gason. 2006. The effect of seismic surveys on catch rates of rock lobsters in western Victoria, Australia. *Fisheries Research* 79:272-284.
- Payne, J.F. 2004. Potential effect of seismic surveys on fish eggs, larvae and zooplankton. *Can. Sci. Advis. Sec. Res. Doc.* 2004/125.
- Payne, J.F., C.A. Andrews, L.L. Fancey, A.L. Cook and J.R. Christian. 2007. Pilot study on the effects of seismic air gun noise on lobster (*Homarus americanus*). Canadian Technical Report of Fisheries and Aquatic Sciences No. 2712:v + 46 p.
- Payne, P.M., D.N. Wiley, S.B. Young, S. Pittman, P.J. Clapham and J.W. Jossi. 1990. Recent fluctuations in the abundance of baleen whales in the Southern Gulf of Maine in relation to changes in selected prey. *U.S. Fisheries Bulletin*. 88:687-696.
- Pérez-López, M., F. Cid, A.L. Oropesa, L.E. Fidalgo, A.L. Beceiro and F. Soler. 2006. Heavy metal and arsenic content in seabirds affected by the Prestige oil spill on the Galician coast (NW Spain). *Science of the Total Environment* 359:209-220.
- Piatt, J. and D.N. Nettleship. 1985. Diving depths of four alcids. *The Auk* 102: 293-297.
- Popper, A.N., M.E. Smith, P.A. Cott, B.W. Hanna, A.O. MacGillivray, M.E. Austin and D.A. Mann. 2005. Effects of exposure to seismic airgun use on hearing of three fish species. *Journal of the Acoustical Society of America* 117(6):3958-3971.
- Probert, P.K., D.G. McKnight and S.L. Grove. 1997. Benthic invertebrate bycatch from a deep-water trawl fishery, Chatham Rise, New Zealand. *Aquatic Conservation: Marine and Freshwater Ecosystems* 7:27-40.
- Rail, J.-F. and G. Chapdelaine. 2002. Quinzième inventaire des oiseaux marins dans les refuges de la Côte Nord: techniques et résultats détaillés. Séries de rapports techniques no. 392. Service canadien de la faune, région du Québec, Environnement Canada, Sainte-Foy, QC.
- Reed, J.K. 2002. Deep-water *Oculina* coral reefs of Florida: biology, impacts, and management. *Hydrobiologia* 471:43-55.
- 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.
- Riffaut, L., K.D. McCoy, C. Tirard, V.L. Friesen and T. Boulinier. 2005. Population genetics of the common guillemot *Uria aalge* in the North Atlantic: geographic impact of oil spills. *Marine Ecology Progress Series* 291:263-273.
- Røstad, A., S. Kaartvedt, T.A. Klevjer and W. Melle. 2006. Fish are attracted to vessels. *ICES Journal of Marine Science* 63:1431-1437.
- Sarà, G., J.M. Dean, D. D'Amato, G. Buscaino, A. Oliveri, S. Genovese, S. Ferro, G. Buffa, M. Lo Martire and S. Mazzola. 2007. Effect of boat noise on the behaviour of bluefin tuna *Thunnus thynnus* in the Mediterranean Sea. *Marine Ecology Progress Series* 331:243-253.
- Schilling, M.R., I. Seipt, M.T. Weinrich, S.E. Frohock, A.E. Kuhlberg and P.J. Clapham. 1992. Behaviour of individually-identified Sei Whales *Balaenoptera borealis* during an episodic influx into the southern Gulf of Maine in 1986. *U.S. Fisheries Bulletin* 90:749-755.

- Scott, W.B. and M.G. Scott. 1988. Atlantic fishes of Canada. Canadian Bulletin of Fisheries and Aquatic Sciences 219. 731 p.
- Troisi, G.M. and L. Borjesson. 2005. Development of an immunoassay for the determination of polyaromatic hydrocarbons in plasma samples from oiled seabirds. Environmental Science and Technology 39:3748-3755.
- Velando, A., I. Munilla, and P.M. Leyenda. 2005. Short-term indirect effects of the Prestige oil spill on European shags: changes in availability of prey. Marine Ecology Progress Series 302:263-274.
- Verrill, A.E. 1922. The Alcyonaria of the Canadian Arctic Expedition, 1913-1918, with a Revision of some other Canadian genera and species. Report of the Canadian Arctic Expedition 1913-18 Vol VIII: Molluscs, Echinoderms, Coelenterates, Etc. Part G: Alcyonaria and Actinaria.
- Votier, S.C., B.J. Hatchwell, A. Beckerman, R.H. McCleery, F.M. Hunter, J. Pellatt, M. Trinder and T.R. Birkhead. 2005. Oil pollution and climate have wide-scale impacts on seabird demographics. Ecology Letters 8:1157-1164.
- Waring, G.T., E. Josephson, C.P. Fairfield and K. Maze-Foley. 2006. U.S. Atlantic and Gulf of Mexico Marine Mammal Stock Assessments-2006. United States National Oceanic and Atmospheric Administration (NOAA) Fisheries: National Marine Fisheries Service: Office of Protected Resources. 378 p.
- Wilhelm, S.I., G.J. Robertson, P.C. Ryan and D.C. Schneider. 2006. An assessment of the number of seabirds at risk during the November 2004 Terra Nova FPSO oil spill on the Grand Banks. Canadian Wildlife Service Technical Report Series No. 461, Atlantic Region. vii + 25 p.
- Wilhelm, S. I., G. J. Robertson, P. C. Ryan, and D. C. Schneider. 2007. Comparing an estimate of seabirds at risk to a mortality estimate from the November 2004 Terra Nova FPSO oil spill. Marine Pollution Bulletin 54:537-544.
- Worcester, T. 2006. Effects of seismic energy on fish: A literature review. Can. Sci. Advis. Sec. Res. Doc. 2006/092.

Website References

www.ceaa-acee.gc.ca
 www.cnlopb.nl.ca
http://www.qc.ec.gc.ca/faune/biodiv/en/recherche/especes/PO_EN.asp
 SARA website (http://sararegistry.gc.ca/default_e.cfm) (May 2007)
 COSEWIC website (<http://www.cosepac.gc.ca/index.htm>) (May 2007)

Personal Communications

Abgrall, P.	LGL Limited
Gosselin, J.F.	DFO Marine Mammal Technician
Lawson, J.	DFO Marine Mammal Research Scientist