

**Publications From
Pacific Biological Station and related staff
For the Years 2001-2013**

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Part 1A: Publications in Refereed Journals
From
Pacific Biological Station and related staff
For the Years 2001-2012

This list of publications in refereed journals was initially compiled using internet search engines and then was distributed to current staff for review. This list may not be complete.

Last names of authors who were DFO staff or equivalent at the time of publication are in bold font. This system for identifying DFO staff may not be completely accurate in all cases.

Number of entries

2001 – 69
2002 – 51
2003 – 65
2004 – 85
2005 – 61
2006 – 65
2007 – 73
2008 – 82
2009 – 73
2010 – 107
2011 – 99
2012 – 113
2013 - 47
TOTAL – 990

2001 Publications in Refereed Journals for the Pacific Region (not including IOS)

1. **Arai**, M.N. 2001. Pelagic coelenterates and eutrophication: a review. *Hydrobiologia* **451**(1-3):69-87.
2. Barrett-Lennard, L.G., Deecke, V.B., Yurk, H., and **Ford**, J.K.B. 2001. A sound approach to the study of culture. *Behavioural and Brain Sciences* **24**:325-326.
3. **Beacham**, T.D., **Candy**, J.R., **Supernault**, K.J., **Ming**, T., Deagle, B., **Schulze**, A., **Tuck**, D., **Kaukinen**, K.H., **Irvine**, J.R., **Miller**, K.M., and **Withler**, R.E. 2001. Evaluation and application of microsatellite and major histocompatibility complex variation for stock identification of coho salmon in British Columbia. *Transactions of the American Fisheries Society* **130**(6):1116-1149.
4. **Beamish**, R.J. 2001. Updated status of the Vancouver Island Lake Lamprey, *Lampetra macrostoma*, in Canada. *Canadian Field-Naturalist* **115**(1):127-130.
5. **Beamish**, R.J., and Mahnken, C. 2001. A critical size and period hypothesis to explain natural regulation of salmon abundance and the linkage to climate and climate change. *Progress in Oceanography* **49**(1-4):423-437.
6. **Beamish**, R.J., Youson, J.H., and Chapman, L.A. 2001. Status of the Morrison Creek Western Brook Lamprey, *Lampetra richardsoni*, in Canada. *Canadian Field-Naturalist* **115**(4):573-578.
7. **Bradford**, M.J., **Grout**, J.A., and Moodie, S. 2001. Ecology of juvenile chinook salmon in a small non-natal stream of the Yukon River drainage and the role of ice conditions on their distribution and survival. *Canadian Journal of Zoology* **79**(11):2043-2054.
8. **Bradford**, M.J., and Higgins, P.S. 2001. Habitat-, season-, and size-specific variation in diel activity patterns of juvenile chinook salmon (*Oncorhynchus tshawytscha*) and steelhead trout (*Oncorhynchus mykiss*). *Canadian Journal of Fisheries and Aquatic Sciences* **58**(2):365-374.
9. Brand, D.G., Fink, R., Bengueyfield, W., **Birtwell**, I.K., and **McAllister**, C.D. 2001. Salt water-acclimated pink salmon fry (*Oncorhynchus gorbuscha*) develop stress-related visceral lesions after 10-day exposure to sublethal concentrations of the water-soluble fraction of north slope crude oil. *Toxicologic Pathology* **29**(5):574-584.
10. Bugaev, V.F., **Welch**, D.W., Selifonov, M.M., Grachev, L.E., and Eveson, J.P. 2001. Influence of the marine abundance of pink (*Oncorhynchus gorbuscha*) and sockeye salmon (*O. nerka*) on growth of Ozernaya River sockeye. *Fisheries Oceanography* **10**(1):26-32.
11. Calambokidis, J., Steiger, G.H., Straley, J.M., Herman, L.M., Cerchio, S., Salden, D.R., Urban, J., Jacobsen, J.K., von Ziegesar, O., Balcomb, K.C., Gabriele, C.M., Dahlheim, M.E., Uchida, S., **Ellis**, G., Miyamura, Y., de Guevara, P.L., Yamaguchi, M., Sato, F., Mizroch, S.A., Schlender, L., Rasmussen, K., Barlow, J., and Quinn, T.J. 2001. Movements and population structure of humpback whales in the North Pacific. *Marine Mammal Science* **17**(4):769-794.
12. Chase, J.C., **Dawson-Coates**, J.A., Haddow, J.D., Stewart, M.H., Haines, L.R., **Whitaker**, D.J., **Kent**, M.L., Olafson, R.W., and Pearson, T.W. 2001. Analysis of *Kudoa*

- thyrsites* (Myxozoa: Myxosporea) spore antigens using monoclonal antibodies. Diseases of Aquatic Organisms **45**(2):121-129.
13. Chen, D.G., and **Irvine**, J.R. 2001. A semiparametric model to examine stock-recruitment relationships incorporating environmental data. Canadian Journal of Fisheries and Aquatic Sciences **58**(6):1178-1186.
 14. Courtenay, S.C., Quinn, T.P., Dupuis, H.M.C., **Groot**, C., and Larkin, P.A. 2001. Discrimination of family-specific odours by juvenile coho salmon: roles of learning and odour concentration. Journal of Fish Biology **58**(1):107-125.
 15. Culik, B.M., Koschinski, S., Tregenza, N., and **Ellis**, G.M. 2001. Reactions of harbor porpoises *Phocoena phocoena* and herring *Clupea harengus* to acoustic alarms. Marine Ecology Progress Series **211**:255-260.
 16. **Devlin**, R.H., **Biagi**, C.A., and Smailus, D.E. 2001. Genetic mapping of Y-chromosomal DNA markers in Pacific salmon. Genetica **111**(1-3):43-58.
 17. **Devlin**, R.H., **Biagi**, C.A., Yesaki, T.Y., Smailus, D.E., and Byatt, J.C. 2001. Growth of domesticated transgenic fish - A growth-hormone transgene boosts the size of wild but not domesticated trout. Nature **409**(6822):781-782.
 18. **Donaldson**, E.M. 2001. Book Review of "Endocrine disruption in fish": David Kime, Kluwer Academic Publishing, Dordrecht, Netherlands, 1998, GBP102 ISBN: 0-7923-8328-1, 396 pp. Aquaculture **193**(3-4):381-382.
 19. Dower, J.F., and **Perry**, R.I. 2001. High abundance of larval rockfish over Cobb Seamount, an isolated seamount in the Northeast Pacific. Fisheries Oceanography **10**(3):268-274.
 20. **Foreman**, M.G.G., D.K. Lee, J. Morrison, **J.S. Macdonald**, D. **Barnes** and I.V. **Williams**. 2001. Retrospective analyses and simulations of Fraser River flows and temperatures. Atmosphere-Ocean **39**(2):89-105.
 21. **Fu**, C.H., Mohn, R., and Fanning, L.P. 2001. Why the Atlantic cod (*Gadus morhua*) stock off eastern Nova Scotia has not recovered. Canadian Journal of Fisheries and Aquatic Sciences **58**(8):1613-1623.
 22. Gallagher, P.E., Thorarensen, H., **Kiessling**, A., and Farrell, A.P. 2001. Effects of high intensity exercise training on cardiovascular function, oxygen uptake, internal oxygen transport and osmotic balance in chinook salmon (*Oncorhynchus tshawytscha*) during critical speed swimming. Journal of Experimental Biology **204**(16):2861-2872.
 23. **Gao**, Y.W., Schwarcz, H.P., Brand, U., and Moksness, E. 2001. Seasonal stable isotope records of otoliths from ocean-pen reared and wild cod, *Gadus morhua*. Environmental Biology of Fishes **61**(4):445-453.
 24. **Grout**, J.A., and **Levings**, C.D. 2001. Effects of acid mine drainage from an abandoned copper mine, Britannia Mines, Howe Sound, British Columbia, Canada, on transplanted blue mussels (*Mytilus edulis*). Marine Environmental Research **51**(3):265-288.
 25. **Hay**, D.E., **McCarter**, P.B., and **Daniel**, K.S. 2001. Tagging of Pacific herring *Clupea pallasii* from 1936-1992: a review with comments on homing, geographic fidelity, and straying. Canadian Journal of Fisheries and Aquatic Sciences **58**(7):1356-1370.

26. Hill, R.A., and **Irvine**, J.R. 2001. Standardizing spawner escapement data: A case study of the Nechako River Chinook salmon. *North American Journal of Fisheries Management* **21**(3):651-655.
27. Hine, P.M., **Bower**, S.M., **Meyer**, G.R., Cochenec-Laureau, N., and Berthe, F.C.J. 2001. Ultrastructure of *Mikrocytos mackini*, the cause of Denman Island disease in oysters *Crassostrea* spp. and *Ostrea* spp. in British Columbia, Canada. *Diseases of Aquatic Organisms* **45**(3):215-227.
28. **Jamieson**, G.S. 2001. Review of the status of the Northern Abalone, *Haliotis kamtschatkana*, in Canada. *Canadian Field-Naturalist* **115**(4):555-563.
29. **Jamieson**, G.S., and **Levings**, C.O. 2001. Marine protected areas in Canada - implications for both conservation and fisheries management. *Canadian Journal of Fisheries and Aquatic Sciences* **58**(1):138-156.
30. Joly, J.P., **Bower**, S.M., and **Meyer**, G.R. 2001. A simple technique to concentrate the protozoan *Mikrocytos mackini*, causative agent of Denman Island Disease in oysters. *Journal of Parasitology* **87**(2):432-434.
31. **Jones**, S.R.M. 2001. The occurrence and mechanisms of innate immunity against parasites in fish. *Developmental and Comparative Immunology* **25**(8-9):841-852.
32. **Jones**, S.R.M., and Groman, D.B. 2001. Cohabitation transmission of infectious salmon anemia virus among freshwater-reared Atlantic salmon. *Journal of Aquatic Animal Health* **13**(4):340-346.
33. **Kent**, M.L., Andree, K.B., Bartholomew, J.L., El-Matbouli, M., Desser, S.S., **Devlin**, R.H., Feist, S.W., Hedrick, R.P., Hoffmann, R.W., Khattra, J., Hallett, S.L., Lester, R.J.G., Longshaw, M., Palenzeula, O., Siddall, M.E., and Xiao, C.X. 2001. Recent advances in our knowledge of the Myxozoa. *Journal of Eukaryotic Microbiology* **48**(4):395-413.
34. **Kent**, M.L., Watral, V., **Dawe**, S.C., Reno, P., Heidel, J.R., and **Jones**, S.R.M. 2001. *Ichthyophonus* and *Mycobacterium*-like bacterial infections in commercially-important rockfish, *Sebastes* spp., in the eastern North Pacific Ocean. *Journal of Fish Diseases* **24**(7):427-431.
35. **King**, J.R., **McFarlane**, G.A., and **Beamish**, R.J. 2001. Incorporating the dynamics of marine systems into the stock assessment and management of sablefish. *Progress in Oceanography* **49**(1-4):619-639.
36. Lee, C.S., and **Donaldson**, E.M. 2001. General discussion on "Reproductive biotechnology in finfish aquaculture". *Aquaculture* **197**(1-4):303-320.
37. Lio-Po, G.D., Albright, L.J., **Traxler**, G.S., and Leano, E.M. 2001. Pathogenicity of the Epizootic Ulcerative Syndrome (EUS)-associated rhabdovirus to snakehead *Ophicephalus striatus*. *Fish Pathology* **36**(2):57-66.
38. MacCallum, G.S., **Blackbourn**, J., McGladdery, S.E., **Bower**, S.M., and Davidson, J.T. 2001. Disease issues relevant to the culture of shellfish in Atlantic and Pacific Canada. *Bulletin of the Aquaculture Association of Canada* **10**(3):5-12.
39. **McFarlane**, G.A., and **Beamish**, R.J. 2001. The re-occurrence of sardines off British

- Columbia characterises the dynamic nature of regimes. *Progress in Oceanography* **49**(1-4):151-165.
40. **McFarlane**, G.A., and **King**, J.R. 2001. The validity of the fin-ray method of age determination for lingcod (*Ophiodon elongatus*). *Fishery Bulletin* **99**(3):459-464.
 41. **McKinnell**, S.M., **Wood**, C.C., **Rutherford**, D.T., **Hyatt**, K.D., and **Welch**, D.W. 2001. The demise of Owikeno Lake sockeye salmon. *North American Journal of Fisheries Management* **21**(4):774-791.
 42. **Miller**, K.M., **Kaukinen**, K.H., **Beacham**, T.D., and **Withler**, R.E. 2001. Geographic heterogeneity in natural selection on an MHC locus in sockeye salmon. *Genetica* **111**(1-3):237-257.
 43. **Miller**, K.M., Laberee, K., **Kaukinen**, K.H., **Li**, S., and **Withler**, R.E. 2001. Development of microsatellite loci in pinto abalone (*Haliotis kamtschatkana*). *Molecular Ecology Notes* **1**(4):315-317.
 44. **Miller**, K.M., Laberee, K., **Schulze**, A.D., and **Kaukinen**, K.H. 2001. Development of microsatellite loci in Pacific herring (*Clupea pallasii*). *Molecular Ecology Notes* **1**(3):131-132.
 45. Miyakoshi, Y., Hayano, H., Nagata, M., and **Irvine**, J.R. 2001. Application of the stratified-Petersen estimator to estimate numbers of masu salmon *Oncorhynchus masou* smolts. *Nippon Suisan Gakkaishi (Bulletin of the Japanese Society of Fisheries Science)* **67**(2): 231-237.
 46. Nelson, R.J., Small, M.P., **Beacham**, T.D., and **Supernault**, K.J. 2001. Population structure of Fraser River chinook salmon (*Oncorhynchus tshawytscha*): an analysis using microsatellite DNA markers. *Fishery Bulletin* **99**(1):94-107.
 47. Pohl, S., Darlison, M.G., **Clarke**, W.C., Lederis, K., and Richter, D. 2001. Cloning and functional pharmacology of two corticotropin-releasing factor receptors from a teleost fish. *European Journal of Pharmacology* **430**(2-3):193-202.
 48. Purcell, J.E., and **Arai**, M.N. 2001. Interactions of pelagic cnidarians and ctenophores with fish: a review. *Hydrobiologia* **451**(1-3):27-44.
 49. Pyper, B.J., Mueter, F.J., Peterman, R.M., **Blackbourn**, D.J., and **Wood**, C.C. 2001. Spatial covariation in survival rates of Northeast Pacific pink salmon (*Oncorhynchus gorbuscha*). *Canadian Journal of Fisheries and Aquatic Sciences* **58**(8):1501-1515.
 50. Ritchie, R.J., Heppell, J., Cook, M.B., **Jones**, S., and Griffiths, S.G. 2001. Identification and characterization of segments 3 and 4 of the ISAV genome. *Virus Genes* **22**(3):289-297.
 51. Sanchez, J.G., Speare, D.J., Markham, R.J.F., and **Jones**, S.R.M. 2001. Isolation of a *Loma salmonae* variant: biological characteristics and host range. *Journal of Fish Biology* **59**:427-441.
 52. Sanchez, J.G., Speare, D.J., Markham, R.J.F., and **Jones**, S.R.M. 2001. Experimental vaccination of rainbow trout against *Loma salmonae* using a live low-virulence variant of *L. salmonae*. *Journal of Fish Biology* **59**:442-448.

53. **Schnute**, J.T., and **Richards**, L.J. 2001. Use and abuse of fishery models. *Canadian Journal of Fisheries and Aquatic Sciences* **58**(1):10-17.
54. **Shardlow**, T.F. 2001. Using underwater still photography to estimate salmon escapement in streams. *North American Journal of Fisheries Management* **21**(3):699-702.
55. Smith, C.T., Nelson, R.J., **Wood**, C.C., and Koop, B.F. 2001. Glacial biogeography of North American coho salmon (*Oncorhynchus kisutch*). *Molecular Ecology* **10**(12):2775-2785.
56. Stein, J., Phillips, R.B., and **Devlin**, R.H. 2001. Identification of the Y chromosome in chinook salmon (*Oncorhynchus tshawytscha*). Pages 108-110 *in*: S. Karger and A.G. Basel (Editors) *Animal Cytogenetics and Comparative Mapping: Cytogenetics and Cell Genetics* **92**.
57. **St-Hilaire**, S., Ribble, C., **Traxler**, G., Davies, T., and **Kent**, M.L. 2001. Evidence for a carrier state of infectious hematopoietic necrosis virus in chinook salmon *Oncorhynchus tshawytscha*. *Diseases of Aquatic Organisms* **46**:173-179.
58. **St-Hilaire**, S., **Stephen**, C., **Kent**, M., and Ribble, C. 2001. Sentinels in the bay: using farm fish to monitor for pathogens in the environment. *ICES Journal of Marine Science* **58**(2):369-373.
59. **Sutherland**, T.F., **Levings**, C.D., Elliott, C.C., and Hesse, W.W. 2001. Effect of a ballast water treatment system on survivorship of natural populations of marine plankton. *Marine Ecology-Progress Series* **210**:139-148.
60. **Sutherland**, T.F., Martin, A.J., and **Levings**, C.D. 2001. Characterization of suspended particulate matter surrounding a salmonid net-pen in the Broughton Archipelago, British Columbia. *ICES Journal of Marine Science* **58**(2):404-410.
61. Thomsen, F., Frank D., and **Ford**, J.K.B. 2001. Characteristics of whistles from the acoustic repertoire of resident killer whales (*Orcinus orca*) off Vancouver Island, British Columbia. *Journal of the Acoustical Society of America* **109**:1240-1246.
62. **Trudel**, M., and Rasmussen, J.B. 2001. Predicting mercury concentration in fish using mass balance models. *Ecological Applications* **11**(2):517-529.
63. **Trudel**, M., Tremblay, A., Schetagne, R., and Rasmussen, J.B. 2001. Why are dwarf fish so small? An energetic analysis of polymorphism in lake whitefish (*Coregonus clupeaformis*). *Canadian Journal of Fisheries and Aquatic Sciences* **58**(2):394-405.
64. **Welch**, D.W., and Pankhurst, P.M. 2001. Visual morphology and feeding behaviour of the daggertooth. *Journal of Fish Biology* **58**(5):1427-1437.
65. Werner, F.E., MacKenzie, B.R., **Perry**, R.I., Lough, R.G., Naimie, C.E., Blanton, B.O., and Quinlan, J.A. 2001. Larval trophodynamics, turbulence, and drift on Georges Bank: A sensitivity analysis of cod and haddock. *Scientia Marina* **65**:99-115.
66. **Whyte**, J., Haigh, N., **Ginther**, N.G., and **Keddy**, L.J. 2001. First record of blooms of *Cochlodinium* spp. (Gymnodiniales, Dinophyceae) causing mortality to aquacultured salmon on the west coast of Canada. *Phycologia* **40**(3):298-304.
67. **Whyte**, J.N.C., and Sherry, K.L. 2001. Pigmentation and composition of flesh of Atlantic

- salmon fed diets supplemented with the yeast *Phaffia rhodozyma*. North American Journal of Aquaculture **63**(1):52-57.
68. **Withler**, R.E., **Beacham**, T.D., **Schulze**, A.D., **Richards**, L.J., and **Miller**, K.M. 2001. Co-existing populations of Pacific ocean perch, *Sebastes alutus* in Queen Charlotte Sound, British Columbia. Marine Biology **139**(1):1-12.
69. Zhang, Q., Nakayama, I., Fujiwara, A., Kobayashi, T., Oohara, I., Masaoka, T., Kitamura, S., and **Devlin**, R.H. 2001. Sex identification by male-specific growth hormone pseudogene (GH-Psi) in *Oncorhynchus masou* complex and a related hybrid. Genetica **111**(1-3):111-118.

2002 Publications in Refereed Journals for the Pacific Region (not including IOS)

1. Afonso, L.O.B., Smith, J.L., **Ikonomou**, M.G., and **Devlin**, R.H. 2002. Y-chromosomal DNA markers for discrimination of chemical substance and effluent effects on sexual differentiation in salmon. *Environmental Health Perspectives* **110**(9):881-887.
2. Andrew, N.L., Agatsuma, Y., Ballesteros, E., Bazhin, A.G., Creaser, E.P., Barnes, D.K.A., Botsford, L.W., Bradbury, A., **Campbell**, A., Dixon, J.D., Einarsson, S., Gerring, P.K., Hebert, K., Hunter, M., Hur, S.B., Johnson, C.R., Juinio-Menez, M.A., Kalvass, P., Miller, R.J., Moreno, C.A., Palleiro, J.S., Rivas, D., Robinson, S.M.L., Schroeter, S.C., Steneck, R.S., Vadas, R.L., Woodby, D.A., and Xiaoqi, Z. 2002. Status and management of world sea urchin fisheries. *Oceanography and Marine Biology Annual Review* **40**:343-425.
3. Arvai, J.L., **Levings**, C.D., Harrison, P.J., and Neill, W.E. 2002. Improvement of the sediment ecosystem following diversion of an intertidal sewage outfall at the Fraser river estuary, Canada, with emphasis on *Corophium salmonis* (amphipoda). *Marine Pollution Bulletin* **44**(6):511-519.
4. **Beacham**, T.D., Bratney, J., **Miller**, K.M., **Le**, K.D., and **Withler**, R.E. 2002. Multiple stock structures of Atlantic cod (*Gadus morhua*) off Newfoundland and Labrador determined from genetic variation. *ICES Journal of Marine Science* **59**(4):650-665.
5. **Beacham**, T.D., **McIntosh**, B., and **MacConnachie**, C. 2002. Microsatellite identification of individual sockeye salmon in Barkley Sound, British Columbia. *Journal of Fish Biology* **61**(4):1021-1032.
6. Benson, A.J., **McFarlane**, G.A., Allen, S.E., and Dower, J.F. 2002. Changes in Pacific hake (*Merluccius productus*) migration patterns and juvenile growth related to the 1989 regime shift. *Canadian Journal of Fisheries and Aquatic Sciences* **59**(12):1969-1979.
7. Blier, P.U., Lemieux, H., and **Devlin**, R.H. 2002. Is the growth rate of fish set by digestive enzymes or metabolic capacity of the tissues? Insight from transgenic coho salmon. *Aquaculture* **209**(1-4):379-384.
8. **Bower**, S.M., and **Meyer**, G.R. 2002. Morphology and ultrastructure of a protistan pathogen in the haemolymph of shrimp (*Pandalus* spp.) in the northeastern Pacific Ocean. *Canadian Journal of Zoology* **80**(6):1055-1068.
9. Chan, J.C.K., Mann, J., Skura, B.J., Rowshandeli, M., Rowshandeli, N., and **Higgs**, D.A. 2002. Effects of feeding diets containing various dietary protein and lipid ratios on the growth performance and pigmentation of post-juvenile coho salmon *Oncorhynchus kisutch* reared in sea water. *Aquaculture Research* **33**(14):1137-1156.
10. Chen, D.G., and **Holtby**, L.B. 2002. A regional meta-model for stock-recruitment analysis using an empirical Bayesian approach. *Canadian Journal of Fisheries and Aquatic Sciences* **59**(9):1503-1514.
11. Chen, D.G., **Irvine**, J.R., and **Cass**, A.J. 2002. Incorporating Allee effects in fish stock-recruitment models and applications for determining reference points. *Canadian Journal of Fisheries and Aquatic Sciences* **59**(2):242-249.
12. Criscione, C.D., V. Watral, C.M. Whipps, M.S. Blouin, S.R.M. **Jones**, and M.L. **Kent**.

2002. Ribosomal DNA sequences indicate isolated populations of *Ichthyophonus hoferi* in geographic sympatry in the northeastern Pacific Ocean. *Journal of Fish Diseases* **25**:575-582.
13. **Cronkite**, G.M.W., and **Enzenhofer**, H.J. 2002. Observations of controlled moving targets with split-beam sonar and implications for detection of migrating adult salmon in rivers. *Aquatic Living Resources* **15**(1):1-11. 69.
 14. Cusack, R.R., D.B. Groman and S.R.M. **Jones**. 2002. The first case of rickettsial infections in farmed Atlantic salmon in eastern North America. *The Canadian Veterinary Journal* **43**:435-440.
 15. Deecke, V.B., Slater, P.J.B., and **Ford**, J.K.B. 2002. Selective habituation shapes acoustic predator recognition in harbour seals. *Nature* **420**(6912):171-173.
 16. **Devlin**, R.H., and Nagahama, Y. 2002. Sex determination and sex differentiation in fish: an overview of genetic, physiological, and environmental influences. *Aquaculture* **208**(3-4):191-364.
 17. Flinn, R.D., Trites, A.W., Gregr, E.J., and **Perry**, R.I. 2002. Diets of fin, sei, and sperm whales in British Columbia: An analysis of commercial whaling records, 1963-1967. *Marine Mammal Science* **18**(3):663-679.
 18. **Hay**, D.E., and S.M. McKinnell. 2002. Tagging along: association among Pacific herring (*Clupea pallasii*) revealed by tagging. *Canadian Journal of Fisheries and Aquatic Sciences* **59**(12):1960-1968.
 19. Jiddawi, N. S., R. D. **Stanley** and A. R. **Kronlund**. 2002. Estimating fishery statistics in the artisanal fishery of Zanzibar, Tanzania. How big a sample size is required? *Western Indian Ocean Journal of Marine Science*, **1**(1):19-33.
 20. Johannes, M.R.S., **Hyatt**, K.D., Cleland, J.K., Hanslit, L., and Stockwell, M.M. 2002. Assembly of map-based stream narratives to facilitate stakeholder involvement in watershed management. *Journal of the American Water Resources Association* **38**(2):555-562.
 21. **Jones**, S.R.M., and **Dawe**, S.C. 2002. *Ichthyophonus hoferi* Plehn & Mulsow in British Columbia stocks of Pacific herring, *Clupea pallasii* Valenciennes, and its infectivity to chinook salmon, *Oncorhynchus tshawytscha* (Walbaum). *Journal of Fish Diseases* **25**(7):415-421.
 22. Kamunde, C., Grosell, M., **Higgs**, D., and **Wood**, C.M. 2002. Copper metabolism in actively growing rainbow trout (*Oncorhynchus mykiss*): interactions between dietary and waterborne copper uptake. *Journal of Experimental Biology* **205**(2):279-290.
 23. Masri, S., Rast, H., Ripley, T., James, D., Green, M., Jia, X.Y., and **Devlin**, R.H. 2002. Detection of genetically modified coho salmon using polymerase chain reaction (PCR) amplification. *Journal of Agricultural and Food Chemistry* **50**(11):3161-3164.
 24. **McFarlane**, G.A., **King**, J.R., and **Saunders**, M.W. 2002. Preliminary study on the use of neural arches in the age determination of bluntnose sixgill sharks (*Hexanchus griseus*). *Fishery Bulletin* **100**(4):861-864.
 25. Mellina, Eric, R. Dan Moore, Scott G. Hinch, J. S. **Macdonald**, and Greg Pearson. 2002.

- Stream temperature responses to clear-cut logging in British Columbia: the moderating influences of groundwater and headwater lakes. *Canadian Journal of Fisheries and Aquatic Sciences* **59**:1886-1900.
26. **Miller**, K.M., **Kaukinen**, K.H., and **Schulze**, A.D. 2002. Expansion and contraction of major histocompatibility complex genes: a teleostean example. *Immunogenetics* **53**(10-11):941-963.
 27. Miyakoshi, Y., H. Hayano, H. Omori, M. Nagata, and J.R. **Irvine**. 2002. Importance of instream cover for young masu salmon, *Oncorhynchus masou*, in autumn and winter. *Fisheries Management and Ecology* **9**:217-223.
 28. Mueter, F.J., **Ware**, D.M., and Peterman, R.M. 2002. Spatial correlation patterns in coastal environmental variables and survival rates of salmon in the north-east Pacific Ocean. *Fisheries Oceanography* **11**(4):205-218.
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2008 Publications in Refereed Journals for the Pacific Region (not including IOS)

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2012 Publications in Refereed Journals for the Pacific Region (not including IOS)

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2013 Publications in Refereed Journals for the Pacific Region (not including IOS)

1. **Araujo, H.A., Holt, C.A., Curtis, J.M.R., Perry, R.I., Irvine, J.R., and Michielsens, C.G.J.** 2013. Building an ecosystem model using mismatched and fragmented data: a probabilistic network of early marine survival for coho salmon, *Oncorhynchus kisutch*, in the Strait of Georgia. *Progress in Oceanography* **115**:41-52.
2. **Bartsch, A., Robinson, S.M.C., Liutkus, M., Ang, K.P., Webb, J., and Pearce, C.M.** 2013. Filtration of sea louse, *Lepeophtheirus salmonis*, copepodids by the blue mussel, *Mytilus edulis*, and the Atlantic sea scallop, *Placopecten magellanicus*, under different flow, light and copepodid-density regimes. *Journal of Fish Diseases* **36**: 361-370.
3. **Burki, F., Corradi, N., Sierra, R., Pawlowski, J., Meyer, G.R., Abbott, C.L., and Keeling, P.J.** 2013. Phylogenomics of the intracellular parasite *Mikrocytos mackini* reveals evidence for a mitosome in Rhizaria. *Current Biology* **23**:1-7.
4. **Chopin T., MacDonald, B., Robinson, S., Cross, S., Pearce, C., Knowler, D., Noce, A., Reid, G., Cooper, A., Speare, D., Burridge, L., Crawford, C., Sawhney, M., Ang, K.P., Backman, C., and Hutchinson, M.** 2013. The Canadian Integrated Multi-Trophic Aquaculture Network (CIMTAN) – A network for a new era of ecosystem responsible aquaculture. *Fisheries* **38**:297-308.
5. **Cone, D.K., Appy, R., Baggett, L., King, S., Gilmore, S.R., and Abbott, C.L.** 2013. A new gyrodactylid (*Monogenea*) parasitizing Bay Pipefish (*Syngnathus leptorhynchus*) from the Pacific coast of North America. *Journal of Parasitology* **99**:183-188.
6. **Devlin, R.H., Sakhrani, D., White, S., and Overturf, K.** 2013. Effects of domestication and growth hormone transgenesis on mRNA profiles in rainbow trout (*Oncorhynchus mykiss*). *Journal of Animal Science* **91**(11):5247-5258.
7. **Dunham A., Gurney-Smith, H., Plamondon, N., Yuan, S., and Pearce, C.M.** 2013. Aquaculture potential of the basket cockle (*Clinocardium nuttallii*). Part 1: effects of stocking density on first year grow-out performance in intertidal and off-bottom suspended culture. *Aquaculture Research* **44**: 1236-1253.
8. **Dunham A., Gurney-Smith, H., Plamondon, N., Yuan, S., and Pearce, C.M.** 2013. Aquaculture potential of the basket cockle (*Clinocardium nuttallii*). Part 2: effects of stocking density and depth on second year grow-out performance of three size cohorts in intertidal and off-bottom suspended culture. *Aquaculture Research* **44**: 1277-1299.
9. **El-Sabaawi, R., Trudel, M., and Mazumder, A.** 2013. Zooplankton stable isotopes as integrators of bottom-up variability in coastal margins: A case study from the Strait of Georgia and adjacent coastal regions. *Progress in Oceanography* **115**:76-89.
10. **Field, J.C., Elliger, C., Baltz, K., Gillespie, G.E., Gilly, W.F., Ruiz-Cooley, R.I., Pearse, D., Stewart, J.S., Matsubu, W., and Walker, W.A.** 2013. Foraging ecology and movement patterns of jumbo squid (*Dosidicus gigas*) in the California Current System. *Deep Sea Research Part II: Topical Studies in Oceanography* **95**:37-51.
11. **Ford, J.K.B., Durban, J.W., Ellis, G.M., Towers, J.R., Pilkington, J.F., Barrett-Lennard, L.G., and Andrews, R.D.** 2013. New insights into the northward migration route of gray whales between Vancouver Island, British Columbia, and southeastern Alaska. *Marine Mammal Science* **29**(2):325-337.

12. **Forrest**, R.E., McAllister, M.K., Martell, S.J.D., and Walters, C.J. 2013. Modelling the effects of density-dependent mortality in juvenile red snapper caught as bycatch in Gulf of Mexico shrimp fisheries: Implications for management. *Fisheries Research* (Amsterdam) **146**:102-120.
13. **Fu**, C., **Schweigert**, J., **Perry**, R.I., Liu, H., and Shin, Y.-J. 2013. An ecosystem modelling framework for incorporating climate regime shifts into fisheries management. *Progress in Oceanography* **115**:53-64.
14. **Garver**, K.A., **Traxler**, G.S., **Hawley**, L.M., **Richard**, J., **Ross**, J.P., and Lovy, J. 2013. Molecular epidemiology of viral haemorrhagic septicaemia virus (VHSV) in British Columbia, Canada, reveals transmission from wild to farmed fish. *Diseases of Aquatic Organisms* **104**(2):93-104.
15. Gregr, E.J., **Lessard**, J., and Harper, J. 2013. A spatial framework for representing nearshore ecosystems. *Progress in Oceanography* **115**:189-201.
16. **Hannah**, L., **Pearce**, C.M., and Cross, S.F. 2013. Growth and survival of California sea cucumbers (*Parastichopus californicus*) cultivated with sablefish (*Anoplopoma fimbria*) at an integrated multi-trophic aquaculture site. *Aquaculture* **406-407**: 34-42
17. **Holt**, C.A. and **Irvine**, J.R. 2013. Distinguishing benchmarks of biological status from management reference points: A case study on Pacific salmon in Canada. *Environmental Conservation* **40**(4):345-355. doi:10.1017/S0376892913000209
18. **Irvine**, J.R., and S.A. Akenhead. 2013. Understanding smolt survival trends in Sockeye Salmon. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* **5**:303-328. doi:10.1080/19425120.2013.831002
19. **Irvine**, J.R., O'Neill, M., **Godbout**, L., and **Schnute**, J. 2013. Effects of smolt release timing and size on the survival of hatchery-origin coho salmon in the Strait of Georgia. *Progress in Oceanography* **115**:111-118.
20. Itoh N., **Meyer** G.R., **Tabata** A., **Lowe** G., **Abbott** C.L., **Johnson** S.C. 2013. Rediscovery of the Yesso scallop pathogen *Perkinsus qugwadi* in Canada, and development of PCR tests. *Diseases of Aquatic Organisms* **104**:83-91.
21. Jakob, E., T. **Sweeten**, W. **Bennett** and S.R.M. **Jones**. 2013. Development of the salmon louse, *Lepeophtheirus salmonis* and its effects on juvenile sockeye salmon *Oncorhynchus nerka*. *Diseases of Aquatic Organisms* **106**:217-227.
22. Kasugai, K., M. Torao, M. Nagata, and J.R. **Irvine**. 2013. The relationship between migration speed and release date for chum salmon *Oncorhynchus keta* fry exiting a 110 km northern Japanese river. *Fisheries Science* 79:569–577. doi: 10.1007/s12562-013-0615-8.
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24. **Masson**, D. and R.I. **Perry**. 2013. The Strait of Georgia Ecosystem Research Initiative: An overview. *Progress in Oceanography* **115**:1-5.

25. McLaughlin, R.L., Smyth, E.R.B., Castro-Santos, T., Koops, M.A., Pratt, T.C, and **Vélez-Espino, L.A.** 2013. Unintended consequences and trade-offs of fish passage. *Fish and Fisheries* **14**:580-604.
26. **McClelland, E.K., Ming, T.J., Tabata, A., Kaukinen, K.H., Beacham, T.D., Withler, R.E., and Miller, K.M.** 2013. Patterns of selection and allele diversity of class I and class II major histocompatibility loci across the species range of sockeye salmon (*Oncorhynchus nerka*). *Molecular Ecology* **22**(18):4783-4800.
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28. **Nichol, L.M., Hall, A.M., Ellis, G.M., Stredulinsky, E.H., Boogaards, M.D., and Ford, J.K.B.** 2013. Dietary overlap and niche partitioning of sympatric harbour porpoises and Dall's porpoises in the Salish Sea. *Progress in Oceanography* **115**:202-210.
29. Patanasatienkul, T., J. Sanchez, E. Rees, M. Krkošek, S.R.M. **Jones** and C. Revie. 2013. Sea lice infestations on juvenile chum and pink salmon in the Broughton Archipelago, Canada from 2003 to 2012. *Diseases of Aquatic Organisms* **105**:149-161.
30. **Perry, R.I.** and D. **Masson.** 2013. An integrated analysis of the marine social–ecological system of the Strait of Georgia, Canada, over the past four decades, and development of a regime shift index. *Progress in Oceanography* **115**:14-27.
31. Pitcher, T., Lam, M., Ainsworth, C., Martindale, A., Nakamura, K., **Perry, R.I.,** and Ward, T. 2013. Improvements to the ‘Rapfish’ rapid evaluation technique for fisheries: integrating ecological and human dimensions. *Journal of Fish Biology* **83**:865-889.
32. **Preikshot, D., Beamish, R.J., and Neville, C.M.** 2013. A dynamic model describing ecosystem-level changes in the Strait of Georgia from 1960 to 2010. *Progress in Oceanography* **115**:28-40.
33. Robinson, C.L.K., Hrynyk, D., Barrie, J.V., and **Schweigert, J.** 2013. Identifying subtidal burying habitat of Pacific sand lance (*Ammodytes hexapterus*) in the Strait of Georgia, British Columbia, Canada. *Progress in Oceanography* **115**:119-128.
34. Rogers, L.A., Schindler, D.E., Lisi, P.J., Holtgrieve, G.W., Leavitt, P.R., Bunting, L., Finney, B.P., **Selbie, D.T.,** Chen, G., Gregory-Eaves, I., Lisac, M.J., and P.B. Walsh. 2013. Centennial-scale fluctuations and regional complexity characterize Pacific salmon population dynamics over the last five centuries. *Proceedings of the National Academy of Sciences of the United States of America.* **110**:1750-1755.
35. Rogers, L.A., S.J. Peacock, P. McKenzie, S. DeDominicis, S.R.M. **Jones, P. Chandler, M.G.G. Foreman, C.W. Revie** and M. Krkosek. 2013. Modeling parasite dynamics on farmed salmon for precautionary conservation management of wild salmon. *PLoS ONE* **8**(4):e60096.
36. **Schweigert, J.F., Thompson, M., Fort, C., Hay, D.E., Therriault, T.W.,** and Brown, L.N. 2013. Factors linking Pacific herring (*Clupea pallasii*) productivity and the spring plankton

bloom in the Strait of Georgia, British Columbia, Canada. *Progress in Oceanography* **115**:103-110.

37. Siegle, M.R., E.B. Taylor, K.M. **Miller**, R.E. **Withler** and K.L. **Yamanaka**. 2013. Subtle population genetic structure in yelloweye rockfish (*Sebastes ruberrimus*) is consistent with a major oceanographic division in British Columbia, Canada. *PLoS ONE* **8**(8):e71083.
38. **Sutherland**, T.F., and **Levings**, C.D. 2013. Quantifying non-indigenous species in accumulated ballast slurry residuals (swish) arriving at Vancouver, British Columbia. *Progress in Oceanography* **115**:211-218.
39. **Sutherland**, T.F., Elner, R.W., and **O'Neill**, J.D. 2013. Roberts Bank: Ecological crucible of the Fraser River estuary. *Progress in Oceanography* **115**:171-180.
40. Torrissen, O., S. **Jones**, A. Guttormsen, F. Asche, T.E. Horsberg, O. Skilbrei, D. Jackson, F. Nilsen and P.A. Jansen. 2013. Sea lice – impacts on wild salmonids and salmon aquaculture. *Journal of Fish Diseases* **36**:171-194.
41. **Tucker**, S., Stenson, G. B., Don Bowen, W. and Iverson, S. J. 2013. Fueling phocids: Divergent exploitation of primary energy sources and parallel ontogenetic diet switches among three species of subarctic seals. *Marine Mammal Science* **29**:E428–E447.
42. **Vélez-Espino**, L.A., McLaughlin, R.L., and Robillard, M. 2013. Ecological advantages of partial migration as a conditional strategy. *Theoretical Population Biology* **85**:1-11.
43. Webb, J.L., J. Vandendor, B. Pirie, S.M.C. Robinson, S.F. Cross, S.R.M. **Jones**, and C.M. **Pearce**. 2013. Effects of temperature, diet, and bivalve size on the ingestion of sea lice (*Lepeophtheirus salmonis*) larvae by various filter-feeding shellfish. *Aquaculture* **406-407**:9-17.
44. White, S.L., Sakhrani, D., Danzmann, R.G., and **Devlin**, R.H. 2013. Influence of developmental stage and genotype on liver mRNA levels among wild, domesticated, and hybrid rainbow trout (*Oncorhynchus mykiss*). *BioMed Central Genomics* **14**(1):673.
45. Zhan, A, Hulák, M., Sylvester, F., Huang, X., Adebayo, A.A., **Abbott**, C.L., Adamowicz, S.J., Heath, D.D., Cristescu, M.E., and MacIsaac, H.F. 2013. High sensitivity of 454 pyrosequencing for detection of rare species in aquatic communities. *Methods in Ecology and Evolution* **4**:558-565.
46. **Zhang**, Z. 2013. Evaluation of logistic surplus production model through simulations. *Fisheries Research (Amsterdam)* **140**:36-45.
47. **Zhang**, Z., and **Dunham**, J.S. 2013. Construction of biological reference points for management of the Dungeness crab, *Cancer magister*, fishery in the Fraser River Delta, British Columbia, Canada. *Fisheries Research* **139**:18-27.

Part 1B: Publications Books, Book Chapters and Proceedings

From

Pacific Biological Station and related staff

For the Years 2001-2012

This list of publications was initially compiled using a variety of techniques. The list was then distributed to current staff for review. This list may not be complete.

Last names of authors who were DFO staff or equivalent at the time of publication are in bold font. This system for identifying DFO staff may not be accurate in all cases.

Number of entries

2001 – 21
2002 – 12
2003 – 4
2004 – 10
2005 – 20
2006 – 10
2007 – 13
2008 – 10
2009 – 27
2010 – 12
2011 – 7
2012 – 5
2013 – 1
TOTAL – 152

2001 Books, Book Chapters and Proceedings for the Pacific Region (not including IOS)

1. **Beamish, R.J., G.A. McFarlane, and J. Schweigert.** 2001. Is the production of coho salmon in the Strait of Georgia linked to the production of Pacific herring? Pages 37-50 in F. Funk, J. Blackburn, D. **Hay**, A.J. Paul, R. Stephenson, R. Toresen and D. Witherell (Editors), Herring: expectations for a new millennium. Alaska Sea Grant College Program, AK-SG-01-04.
2. **Beamish, R.J., G.A. McFarlane, C.M. Neville, and I. Pearsall.** 2001. Changes in the Strait of Georgia ECOPATH model needed to balance the abrupt increases in productivity that occurred in 2000. Pages 5-9 in G.A. **McFarlane**, B.A. Megrey, B.A. Taft, and W.T. Peterson (Editors), PICES-GLOBEC International Program on Climate Change and Carrying Capacity: Report of the 2000 Bass, Model, Monitor and Rex Workshops, and the 2001 Bass/Model Workshop. PICES Scientific Report **17**.
3. **Bower, S.M.** 2001. Hazards and risk management of *Mikrocytos mackini* in oysters. Pages 164-166 in C.J. Rodgers (Editor), Risk analysis in aquatic animal health. World Organisation for Animal Health. Proceedings of an International Conference, 8-10 February 2000, Paris, France.
4. **Clarke, W.C., and Jensen, J.O.T.** 2001. Development rates for sablefish (*Anoplopoma fimbria*) and Pacific halibut (*Hipploglossus stenolepsis*) incubated at 6°C. Pages 139-142 in: C.I. Hendry, G. Van Stappena, M. Wille, and P. Sorgeloos (Editors), Larvi '01 – Fish & Shellfish Larviculture Symposium, European Aquaculture Society Special Publication **30**, Oostende, Belgium.
5. Gitay, H., S. Brown, W. Easterling, B. Jallow, J. Antle, M Apps, R. **Beamish**, T. Chapin, W. Cramer, J. Frangi, J. Laine, L. Erda, J. Magnuson, I. Noble, J. Price, T. Prowse, T. Root, E. Schulze, O. Sirotenko, B. Sohngen, J. Soussana, H. Bugmann, C. Egorov, M. Finlayson, R. Fleming, W. Fraser, L. Hahn, K. Hall, M. Howden, M. Hutchins, J. Ingram, J. Hui, G. Masters, P. Megonigal, J. Morgan, N. Myers, R. Neilson, S. Page, C. Parmesan, J. Rieley, N. Roulet, G. Takle, J. van Minnen, D. Williams, T. Williamson, and K. Wilson. 2001. Ecosystems and their goods and services. Pages 235-342 in: J.J. McCarthy, O.F. Canziani, N.A. Leary, D.J. Dokken, and K.S. White (Editors), Climate change 2001: impacts, adaptation, and vulnerability. Contribution of Working Group II to the Third Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge University Press, Cambridge, UK.
6. **Hay, D.E.** 2001. Temporal comparisons of juvenile and adult growth: Implications for changes in trophic conditions in shelf versus nearshore waters. Pages 111-114 in: G.A. **McFarlane**, B.A. Megrey, B.A. Taft, and W.T. Peterson (Editors), PICES-GLOBEC International Program on Climate Change and Carrying Capacity: Report of the 2000 Bass, Model, Monitor and Rex Workshops, and the 2001 Bass/Model Workshop. PICES Scientific Report **17**.
7. **Hay, D.E., Thompson, M.J., and McCarter, P.B.** 2001. Anatomy of a strong year class: Analysis of the 1977 year class of Pacific herring in British Columbia and Alaska. Pages 171-198 in: F. Funk, J. Blackburn, D. **Hay**, A.J. Paul, R. Stephenson, R. Toresen and D. Witherell (Editors), Herring 2000: Expectations for a New Millennium. Alaska Sea Grant College Program AK-SG-01-04.

8. **Hay**, D.E. Toresen, R., Stephenson, R., **Thompson**, M., Claytor, R. Funk, F., Ivshina, E., Jakobsson, J., Kobayashi, T., McQuinn, I., Melvin, G., Molloy, J., Naumenko, N., Oda, K.T., Parmanne, R., Power, M., Radchenko, V., **Schweigert**, J., Simmonds, J., Sjostrand, B., Stevenson, D.K., **Tanasichuk**, R., Tang, Q., Watters, D.L., and Wheeler, J. 2001. Taking Stock: An Inventory and Review of World Herring Stocks in 2000. Pages 381-454 *in*: F. Funk, J. Blackburn, D. **Hay**, A.J. Paul, R. Stephenson, R. Toresen and D. Witherell (Editors), Herring 2000: Expectations for a New Millennium. Alaska Sea Grant College Program AK-SG-01-04.
9. **Jones**, S.R.M. 2001. Plasmids in fish vaccination. Pages 169-191 *in*: M. Schleeff (Editor), Plasmids for Therapy and Vaccination. Wiley-VCH, Weinheim.
10. **Kieser**, D. 2001. Shipping live fish into British Columbia, Canada: Basic regulatory requirements. Pages 171-176 *in*: B.C. Paust and A.A. Rice (Editors), Marketing and shipping live aquatic products. Proceedings of the Second International Conference and Exhibition, November 1999, Seattle, WA. University of Alaska Sea Grant College Program AK-SG-01-03.
11. **Kronlund**, A.R., and **Yamanaka**, K.L. 2001. Yelloweye rockfish (*Sebastes ruberrimus*) life history parameters assessed from areas with contrasting fishing histories. Pages 257-280 *in* F. Funk, J. Blackburn, D. Hay, A.J. Paul, R. Stephenson, R. Toresen and D. Witherell (Editors), Herring: Expectations for a New Millennium. Alaska Sea Grant College Program, AK-SG-01-04. Fairbanks, Alaska.
12. **Levings**, C.D., and **Sutherland**, T.F. 2001. Alteration of fish habitat by natural and industrial sedimentation in macro tidal estuaries, British Columbia, Canada. Pages 55-62 *in*: F. Funk, J. Blackburn, D. **Hay**, A.J. Paul, R. Stephenson, R. Toresen and D. Witherell (Editors), Herring: Expectations for a New Millennium. Alaska Sea Grant College Program, AK-SG-01-04. Fairbanks, Alaska.
13. **McFarlane**, G.A., R.J. **Beamish**, and J. **Schweigert**. 2001. Common factors have opposite impacts on Pacific herring in adjacent ecosystems. Pages 51-67 *in*: F. Funk, J. Blackburn, D. **Hay**, A.J. Paul, R. Stephenson, R. Toresen and D. Witherell (Editors), Herring: Expectations for a New Millennium. Alaska Sea Grant College Program, AK-SG-01-04. Fairbanks, Alaska.
14. McLean, R.F., A. Tsyban, V. Burkett, J.O. Codignotto, D.L. Forbes, N. Mimura, R.J. **Beamish**, and V. Ittekkot. 2001. Coastal zones and marine ecosystems. Pages 343-379 *in*: J.J. McCarthy, O.F. Canziani, N.A. Leary, D.J. Dokken, and K.S. White (Editors), Climate change 2001: impacts, adaptation, and vulnerability. Contribution of Working Group II to the Third Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge University Press, Cambridge, UK.
15. Neilson, J.D., and **Perry**, R.I. 2001. Fish migration, vertical. Pages 955-961 *in*: J.H. Steele, S.A. Thorpe, and K.K. Turekian (Editors), Encyclopedia of Ocean Sciences, Academic Press, London.
16. **Noakes**, D.J., and R.J. **Beamish**. 2001. Influence of decadal scale climate change on flows in the Fraser River, British Columbia. 15th Canadian Hydrotechnical Conference of the Canadian Society for Civil Engineering May 30-June 2, 2001, Victoria, British Columbia.

17. Otto, R.S., and G.S. **Jamieson** (Editors). 2001. Commercially Important Crabs, Shrimps and Lobsters of the North Pacific Ocean. PICES Scientific Report No. **19**.
18. **Schweigert**, J. 2001. Trends in Pacific herring populations of British Columbia. Pages 95-98 *in* G.A. **McFarlane**, B.A. Megrey, B.A. Taft, and W.T. Peterson (Editors), PICES-GLOBEC International Program on Climate Change and Carrying Capacity: Report of the 2000 Bass, Model, Monitor and Rex Workshops, and the 2001 Bass/Model Workshop. PICES Scientific Report **17**.
19. **Schweigert**, J. and C. Haegele. 2001. Estimates of egg loss in Pacific herring spawning beds and its impact on stock assessments. Pages 489-508 *in*: F. Funk, J. Blackburn, D. **Hay**, A.J. Paul, R. Stephenson, R. Toresen and D. Witherell (Editors), Herring 2000: Expectations for a New Millennium. Alaska Sea Grant College Program AK-SG-01-04.
20. **Welch**, D.W. 2001. Plan to monitor migrations of key species in the North Pacific. Pages 77-78 *in* G.A. **McFarlane**, B.A. Megrey, B.A. Taft, and W.T. Peterson (Editors), PICES-GLOBEC International Program on Climate Change and Carrying Capacity: Report of the 2000 Bass, Model, Monitor and Rex Workshops, and the 2001 Bass/Model Workshop. PICES Scientific Report **17**.
21. **Welch**, D.W., and Eveson, J.P. 2001. Recent progress in estimating geolocation using daylight. Pages 369-383 *in*: J.R. Sibert and J. L. Nielson (Editors), Electronic Tagging and Tracking in Marine Fisheries, Kluwer Academic Publishers, Netherlands.

2002 Books, Book Chapters and Proceedings for the Pacific Region (not including IOS)

1. **Beamish, R.J.**, and **D.J. Noakes**. 2002. The role of climate in the past, present, and future of Pacific salmon fisheries off the west coast of Canada. Pages 231-244 *in*: N.A. McGinn (Editor), Fisheries in a changing climate. American Fisheries Society Symposium **32**. Bethesda MD.
2. **Ford, J.K.B.** 2002. Killer Whale *Orcinus orca*. Pages 669-676 *in*: W.F. Perrin, B. Wursig, and J.G.M. Thewissen (Editors), The Encyclopedia of Marine Mammals. Academic Press, New York.
3. **Ford, J.K.B.** 2002. Dialects. Pages 322-323 *in*: W.F. Perrin, B. Wursig, and J.G.M. Thewissen (Editors), The Encyclopedia of Marine Mammals. Academic Press, New York.
4. **Hay, D.E.** 2002. Reflections of factors affecting size-at-age and strong year classes of herring in the North Pacific. Pages 94-96 *in*: Batchelder, H.P., **McFarlane, G.A.**, Megrey, B.A., Mackas, D.L. and Peterson, W.T. (Editors), PICES-GLOBEC International Program on Climate Change and Carrying Capacity. PICES Scientific Report **20**.
5. **Hay, D.E.**, **R.J. Beamish**, G.W. Boehlert, V.I. Radchenko, Q.-S. Tang, T. Wada, D.W. Ware, and C.-I. Zhang. 2002. Ten years FIS in PICES: An introspective, retrospective, critical and constructive review in Fishery Science in PICES. Pages 43-54 *in* **R.I. Perry**, P. Livingston and A.C. Bychkov (Editors), PICES Science: the first ten years a look to the future. PICES Scientific Report **22**.
6. **Levings, C.D.**, **Kieser, D.**, **Jamieson, G.S.**, and S. Dudas. 2002. Marine and estuarine alien species in the Strait of Georgia, British Columbia. P. 111-131 *in*: C. Renata, N. Patrick, and E. Muckle-Jeffs (Editors), Alien Invaders in Canada's Waters, Wetlands, and Forests. Natural Resources Canada, Canadian Forest Service, Ottawa.
7. **Macdonald, J.S.** 2002. The cumulative effects of temperature on the spawning migration of sockeye salmon. Pages 119-129 *in*: A. Kennedy (Editor), Cumulative Environmental Effects Management: Tools and Approaches. Sponsored by the Alberta Society of Professional Biologists, Calgary, Alberta, Nov. 1-3, 2000.
8. **McFarlane, G.A.**, Smith, P.E., Baumgartner, T.R., and Hunter, J.R. 2002. Climate variability and Pacific sardine populations and fisheries. Pages 195-214 *in*: N.A. McGinn (Editor), Fisheries in a changing climate. American Fisheries Society Symposium **32**, Bethesda MD.
9. **Perry, R.I.**, A.B. Hollowed, and T. Sugimoto. 2002. The PICES Climate Change and Carrying Capacity Program: Why, how and what next. Pages 87-101 *in*: **R.I. Perry**, P. Livingston and A.C. Bychkov (Editors), PICES Science: the first ten years a look to the future. PICES Scientific Report **22**.
10. **Schweigert, J.**, F. Funk, K. Oda and T. Moore. 2002. Herring size-at-age variation in the North Pacific. Pages 47-56 *in*: Batchelder, H.P., **McFarlane, G.A.**, Megrey, B.A., **Mackas, D.L.** and Peterson, W.T. (Editors), PICES-GLOBEC International Program on Climate Change and Carrying Capacity. PICES Scientific Report **20**.

11. **Schnute**, J.T., and **Richards**, L.J. 2002. Surplus Production Models. Pages 105-126 *in*: P.J.B. Hart and J.D. Reynolds (Editors), Handbook of Fish Biology and Fisheries, Volume 2: Fisheries. Oxford, Blackwell Science Ltd.
12. **Tanasichuk**, R.W. 2002. Implications of variation in euphasiid productivity for the growth, productions and resilience of Pacific herring (*Clupea pallasii*) from the southwest coast of Vancouver Island. Pages 57-59 *in*: Batchelder, H.P., **McFarlane**, G.A., Megrey, B.A., **Mackas**, D.L. and Peterson, W.T. (Editors), PICES-GLOBEC International Program on Climate Change and Carrying Capacity. PICES Scientific Report **20**.

2003 Books, Book Chapters and Proceedings for the Pacific Region (not including IOS)

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25. **Schnute**, J.T., and **Richards**, L.J. 2009. The high-dimensional future of fishery science. Pages 125-136 *in*: R.J. **Beamish** and B.J. Rothschild (Editors), The Future of Fisheries Science in North America, Fish & Fisheries Series, Springer Science + Business Media B.V. Proceedings of the AIFRB Symposium held June 2007, Halifax NS.
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5. Harvey, C., G. Jamieson, P. Livingston, C.-I. Zhang, E. Dulepova, V. Radchenko, Q. Tang, I. Yeon, and E. Fulton. 2010. National approaches used to describe and delineate marine ecosystems and subregions in the North Pacific. Pages 91-116 *in*: G. Jamieson, P. Livingston and C.I. Zhang (Editors), *Report of Working Group 19 on Ecosystem-based Management Science and its Application to the North Pacific*. PICES Scientific Report 37.
6. Hofmann, E.E., M. Barange, J.G. Field, R.P. Harris, R.I. Perry, and F.E. Werner. 2010. Marine ecosystems and global change: a synthesis. Pages 323-336 *in*: M. Barange, J. Field, R. Harris, E. Hofmann, R.I. Perry, C. Werner (Editors), *Marine Ecosystems and Global Change*. Oxford University Press, Oxford.
7. Jones, S.R.M. (Chair), A. Alfjorden, D. Cheslett, N.N. Chukalova, S.W. Feist, A. Hellström, T. Karaseva, T. Lang, L. Madsen, T.A. Mo, V. Öresland, M. Podolska, T. Renault, H. Seibel, and T. Wiklund. 2010. Report of the Working Group on Pathology and Diseases of Marine Organisms (WGPDMO), 23-27 February 2010, Uppsala, Sweden. ICES CM 2010/SSGHIE:02. 66p.
8. MacIsaac, E.A. 2010. Salmonids and the hydrologic and geomorphic features of their spawning streams in British Columbia. Pages 461-478 (Chapter 14) *in*: Pike, R.G., T.E. Redding, R.D. Moore, R.D. Winker and K.D. Bladon (Editors), *Compendium of forest*

hydrology and geomorphology in British Columbia. B.C. Ministry of Forests and Range, Forest Science Program, Victoria, B.C. and FORREX Forum for Research and Extension in Natural Resources, Kamloops, B.C. Land Management Handbook **66**.

9. McKinnell, S.M., Batten, S., Bograd, S.J., **Boldt**, J.L., Bond, N., Chiba, S., Dagg, M.J., Foreman, M.G.G., Hunt Jr., G.L., **Irvine**, J.R., Katugin, O.N., Lobanov, V., Mackas, D.L., Mundy, P., Radchenko, V., Ro, Y.J., Sugisaki, H., Whitney, F.A., Yatsu, A., Yoo, S. 2010. Status and trends of the North Pacific Ocean, 2003-2008. Pages 1-55 *in*: S.M. McKinnell and M. J. Dagg. (Editors), Marine Ecosystems of the North Pacific Ocean, 2003-2008. PICES Special Publication **4**.
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6. Livingston P.A., K. Aydin, J.L. **Boldt**, A.B. Hollowed, and J.M. Napp. 2011. Alaska marine fisheries management: advances and linkages to ecosystem research. Pages 113-152 in: A. Belgrano and C.W. Fowler (Editors), *Ecosystem-Based Management for Marine Fisheries: An Evolving Perspective*, Cambridge University Press, New York.
7. Noakes, D.J., and **Beamish**, R.J. 2011. Shifting the balance: Towards sustainable salmon populations and fisheries of the future. Pages 23-50 in: W.W. Taylor, A.J. Lynch, and M.G. Schechter (Editors), *Sustainable fisheries: multi-level approaches to a global problem*. American Fisheries Society, Bethesda MD.

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2. **Jones, S.R.M.** (Chair), A. Alfjorden, J.Barja, E.Biering, D.Bruno, S.W. Feist, S.Ford, T. Karaseva, T. Lang, S. Maclean, L. Madsen, R. Medne, M. Podolska, N. Ruane, F. Ruano and W. Wosniok. 2012. Report of the Working Group on Pathology and Diseases of Marine Organisms (WGPDMO), 31 January – 04 February 2012, Lisbon, Portugal. ICES CM 2012/SSGHIE:03. 68p.
3. **Shardlow, T.F. and K.D. Hyatt** 2012. The tilt-tag: a micro-processor controlled tag for determining lifespan in fish and improving survey efficiency in area-under-the-curve estimates of salmon escapement. Pages 493-506 *in*: J. McKenzie, B. Parsons, A. Seltz, R.K. Kopf, M. Mesa and Q. Phelps (Editors), *Advances in Fish Tagging and Marking Technology*. American Fisheries Society Symposium **76**. Bethesda MD.
4. **Wood, C.C., Welch, D.W., Godbout, L., and Cameron, J.** 2012. Marine migratory behavior of hatchery-reared anadromous and wild non-anadromous sockeye salmon revealed by acoustic tags. Pages 289-311 *in*: J. McKenzie, B. Parsons, A. Seltz, R.K. Kopf, M. Mesa and Q. Phelps (Editors), *Advances in Fish Tagging and Marking Technology*. American Fisheries Society Symposium **76**, Bethesda MD.
5. **Yamanaka, K.L., Picard, K., Conway, K.W., and Flemming R.** 2012. Rock reefs of British Columbia, Canada: Inshore rockfish habitats. Pages 509-522 *in*: P.T. Harris and E.K. Baker (Editors), *Seafloor Geomorphology as Benthic Habitat: GEOHAB Atlas of Seafloor Geomorphic Features and Benthic Habitats*. Elsevier Insights Series, London.

2013 Books, Book Chapters and Proceedings for the Pacific Region (not including IOS)

1. Mueter, F.J., D.M.S. Dickson, H.P. Huntington, J.R. **Irvine**, E.A. Logerwell, S.A. MacLean, L.T. Quakenbush, and C. Rosa (editors). 2013. [Responses of Arctic Marine Ecosystems to Climate Change](#). Alaska Sea Grant, University of Alaska Fairbanks, Fairbanks. 28th Lowell Wakefield Fisheries Symposium.

Part 2A: Scientific Reports published by Fisheries and Oceans Canada

From

Pacific Biological Station and related staff

For the Years 2001-2012

Secondary publications are non-peer-reviewed reports and other publications.

This list of secondary publications shows reports published by Fisheries and Oceans Canada and includes listings for the Canadian Technical Report of Fisheries and Aquatic Sciences, Canadian Manuscript Report of Fisheries and Aquatic Sciences, and Canadian Data Report of Fisheries and Aquatic Sciences.

Publications from staff at the Institute of Ocean Sciences are not included in this list.

Last names of authors who were DFO staff or equivalent at the time of publication are in bold font. This system for identifying DFO staff may not be completely accurate.

Number of entries

2001 – 35
2002 – 56
2003 – 51
2004 – 68
2005 – 47
2006 – 48
2007 – 58
2008 – 23
2009 – 45
2010 – 30
2011 – 25
2012 – 27
2013 – 14
TOTAL - 527

2001 Secondary Publications for the Pacific Region (not including IOS)

1. **Baxter**, B.E., Stephens, C.Y., and **Nass**, B.L. 2001. Adult and juvenile coho salmon enumeration and coded-wire tag recovery analysis for Zolzap Creek, BC, 1998. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2566**:viii, 44p.
2. **Birtwell**, I.K., Brotherston, A.E., Fink, R.P., Fissel, D.B., Greenbank, J.D., Heithaus, L.I., Korstrom, J.S., and Taylor, A.E. 2001. Thermal inputs into Port Moody Arm, Burrard Inlet, BC, and effects on salmon: a summary report. Canadian Technical Report of Fisheries and Aquatic Sciences **2340**:x, 35p.
3. **Birtwell**, I.K., Korstrom, J.S., Fink, R.P., Tanaka, J.A., Tiessen, D.I., and Fink, B.J. 2001. Distribution and feeding responses of juvenile chum salmon (*Oncorhynchus keta*) to thermal change in seawater. Canadian Technical Report of Fisheries and Aquatic Sciences **2342**:xvi, 76p.
4. **Birtwell**, I.K., Korstrom, J.S., Komatsu, M., Fink, B.J., Richmond, L.I., and Fink, R.P. 2001. The susceptibility of juvenile chum salmon (*Oncorhynchus keta*) to predation following sublethal exposure to elevated temperature and dissolved gas supersaturation in seawater. Canadian Technical Report of Fisheries and Aquatic Sciences **2343**:xix, 128p.
5. **Boyce**, I. 2001. Enumeration of adult chum salmon, *Oncorhynchus keta*, in the Fishing Branch River, Yukon Territory, 1995. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2563**:v, 33p.
6. **Boyce**, I., and Wilson, B. 2001. Enumeration of adult chum salmon, *Oncorhynchus keta*, in the Fishing Branch River, Yukon Territory, 1998. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2499**:vi, 25p.
7. Chambers, K., **Rutherford**, D.T., and **Bachen**, S.K. 2001. Data record of adult sockeye and coho salmon counts and biological data collected at the Docee River fence, 1997-2000. Canadian Data Report of Fisheries and Aquatic Sciences **1074**:iv, 57p.
8. **Daniel**, K., **McCarter** B., and **Hay**, D. 2001. The construction of a database of Pacific herring catches recorded in British Columbia from 1888 to 1950. Canadian Technical Report of Fisheries and Aquatic Sciences **2368**:iv, 108p.
9. **Diewert**, R.E., **Sturhahn**, J.C., and **Nagtegaal**, D.A. 2001. Results of the chinook assessment study conducted on the Klinaklini River during 1999. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2580**:vi, 45p.
10. **Finnegan**, B. 2001. Summary of fall 1987 juvenile coho sampling on the Lachmach River, British Columbia. Canadian Data Report of Fisheries and Aquatic Sciences **1079**:47p.
11. Greenbank, J.D., Fink, R.P., Lu, M.Z., Rendek, S.L., and **Birtwell**, I.K. 2001. Effect of thermal effluent on the survival, growth, and condition of juvenile chum salmon (*Oncorhynchus keta*). Canadian Technical Report of Fisheries and Aquatic Sciences **2341**:xii, 77p.
12. Greenbank, J.D., Rendek, S.L., and **Birtwell**, I.K. 2001. Salmonid migration in tributaries of Port Moody Arm, Burrard Inlet, BC. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2557**:x, 36p.

13. **Hamer**, L., and J. Hepples. 2001. A review of 2000 / 2001 British Columbia herring fisheries. Canadian Industry Report of Fisheries and Aquatic Sciences **263**:51p.
14. Hardie, D.C., **Nagtegaal**, D.A., and Nagy, L. 2001. Strait of Georgia and Northern Vancouver Island sport fishery creel survey statistics for salmon and groundfish, 1999. Canadian Manuscript Report of Fisheries and Aquatic Sciences; **2553**:xiii, 111p.
15. **Hartman**, G., and Miles, M. 2001. Assessment of techniques for rainbow trout transplanting and habitat management in British Columbia. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2562**:x, 135p.
16. Jenkins, J.A., **Bravender**, B.A., Beggs, C., Munro, B., and Miller, D. 2001. Results of beach, purse, and pole seine surveys at the Courtenay River Estuary and Baynes Sound, Courtenay, B.C., 2000. Canadian Data Report of Fisheries and Aquatic Sciences **1077**:iv, 39p.
17. **King**, J.R., and Beath, B.W. 2001. Lingcod (*Ophiodon elongatus*) nest density SCUBA survey in the Strait of Georgia, January 16 - April 26, 2001. Canadian Technical Report of Fisheries and Aquatic Sciences **2374**:iv, 21p.
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19. Lucas, B.G., **Brouwer**, D., and **Campbell**, A. 2001. Survey of northern abalone, *Haliotis kamtschatkana*, populations near Kitkatla, British Columbia, March 2000. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2572**:iii, 11p.
20. Lucas, B.G., **Campbell**, A., **Brouwer**, D., Servant, S, and Webb, N. 2001. Survey of northern abalone, *Haliotis kamtschatkana*, populations in southeast Barkley sound, British Columbia, July 2000. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2571**:iii, 11p.
21. **McFarlane**, G.A., and **MacDougall**, L.A. 2001. Biological information for Pacific sardine (*Sardinops sagax*) captured during research cruises, 1992-2000. Canadian Technical Report of Fisheries and Aquatic Sciences **2372**:iv, 149p.
22. **Naito**, B.G. 2001. An overview of artificial reefs constructed in southern British Columbia prior to 1994. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2583**:vi, 40p.
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1. **Birtwell**, I.K., Farrell, M., and Jonsson, A. 2008. The validity of including turbidity criteria for aquatic resource protection in land development guidelines (Pacific and Yukon Region). Canadian Manuscript Report of Fisheries and Aquatic Sciences **2852**:xiii, 72p.
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21. **Workman, G.D., Olsen, N., Fargo, J., and Stanley, R.D.** 2008. West Coast Vancouver Island groundfish bottom trawl survey, R/V *WE Ricker*, May 23rd to June 19th, 2006. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2841**:viii, 83p.
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8. Damborg, J.G., and **Carter, E.W.** 2009. Adult chinook escapement assessment conducted on the Nanaimo River during 2008. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2873**:viii, 45p.
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11. **Grant, S.,** and Pestal, G. 2009. Certification unit profile: Fraser River chum salmon. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2874**:vii, 40p.
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13. **Hartman, G.F.** 2009. A biological synopsis of walleye (*Sander vitreus*). Canadian Manuscript Report of Fisheries and Aquatic Sciences **2888**:v, 48p.

14. **Harvey**, B. 2009. A biological synopsis of northern pike (*Esox lucius*). Canadian Manuscript Report of Fisheries and Aquatic Sciences **2885**:v, 31p.
15. **Harwood**, L.A. 2009. Status of anadromous Arctic charr (*Salvelinus alpinus*) of the Hornaday River, Northwest Territories, as assessed through harvest-based sampling of the subsistence fishery, August-September 1990-2007. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2890**:vii, 33p.
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17. **Hyatt**, K.D., Bull, C., and **Stockwell**, M.M. 2009. Okanagan fish and water management tool project assessments: record of management strategy and decisions for the 2005-2006 fish-and-water year. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2897**:x, 68p.
18. **Jensen**, J.O.T., **Sweeten**, T., **Damon**, W., and McLean, W.E. 2009. Salmonid egg research at the Pacific Biological Station (2002 to 2004), with special interest in Atlantic salmon (*Salmo salar*) Canadian Technical Report of Fisheries and Aquatic Sciences **2838**:vii, 47p.
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28. **Pestal, G., Spilsted, B., and Dobson, D.** 2009. Management summary for BC pink & chum salmon fisheries. Canadian Manuscript Report of Fisheries and Aquatic Sciences 2878:vii, 184p.
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34. **Spilsted, B., and Spencer, B.** 2009. Documentation of north coast (statistical areas 1 to 6) salmon escapement information. Canadian Manuscript Report of Fisheries and Aquatic Sciences 2802:vi, 66p.
35. **Stalberg, H.C., Lauzier, R.B., MacIsaac, E.A., Porter, M., and Murray, C.** 2009. Canada's policy for conservation of wild Pacific salmon: stream, lake, and estuarine habitat indicators. Canadian Manuscript Report of Fisheries and Aquatic Sciences 2859:x, 135p.
36. **Stanley, R.D., Rutherford, K.L., Olsen, N., and Wyeth, M.R.** 2009. Hecate Strait groundfish bottom trawl survey, May 26th to June 21st, 2009. Canadian Manuscript Report of Fisheries and Aquatic Sciences 2901:vi, 49 p.
37. **Stanley, R.D., Rutherford, K.L., Olsen, N., and Wyeth, M.R.** 2009. Hecate Strait groundfish bottom trawl survey, May 22nd to June 19th, 2007. Canadian Manuscript Report of Fisheries and Aquatic Sciences 2900:vi, 48p.

38. **Sutherland, T.F., Morrison, S., Poon, P., Petersen, S.A., Levings, C.D., and Hill, P.** 2009. Data Report on the distribution and abundance of meiofauna on Roberts Bank, British Columbia. Canadian Data Report of Fisheries and Aquatic Sciences **1223**:vii, 34p.
39. **Thompson, M., Fort, C., and Schweigert, J.** 2009. Strait of Georgia juvenile herring survey, September and October 2008. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2908**:v, 43p.
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42. **Thompson, W.J., T.F. Sutherland, N.A. Cook and J.S. Macdonald.** 2009. Bibliography for environmental assessments associated with port developments at Fraser River Delta and Prince Rupert Harbour, British Columbia. Canadian Technical Report of Fisheries and Aquatic Sciences **2857**:216p.
43. **Van Will, P., Brahniuk, R., Hop Wo, L., and Pestal, G.** 2009. Certification unit profile: inner south coast chum salmon (excluding Fraser River). Canadian Manuscript Report of Fisheries and Aquatic Sciences **2876**:vii, 63p.
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45. **Zetterberg, P.R., Maher, J.M., Watson, N.M.** 2009. Strait of Georgia recreational fishery creel survey finfish data, 2002 to 2006. Canadian Data Report of Fisheries and Aquatic Sciences **1212**:xix, 299p.

2010 Secondary Publications for the Pacific Region (not including IOS)

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2. Carter, E.W., and Zetterberg, P.R. 2010. Strait of Georgia sport fishery creel survey statistics for salmon and groundfish, 2007. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2914**:ii, 125p.
3. Cox-Rogers, S., Hume, J.M.B., Shortreed, K.S., and Spilsted, B. 2010. A risk assessment model for Skeena River sockeye salmon. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2920**: xii, 60p.
4. Enzenhofer, H.J., and Cronkite, G.M.W. 2010. Telescopic weir for fisheries applications. Canadian Technical Report of Fisheries and Aquatic Sciences **2864**:iii, 12p.
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9. Hudson, M.J., and Crosby, N. 2010. How to produce quality salmon scale impressions. Canadian Technical Report of Fisheries and Aquatic Sciences **2897**:iv, 16p.
10. Hyatt, K.D., and Stockwell, M.M. 2010. Fish and water management tool project assessments: record of management strategy and decisions for the 2006-2007 water year. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2913**:ix, 65p.
11. Lam, C.P., and Carter, E.W. 2010. Adult chinook escapement assessment conducted on the Nanaimo River during 2009. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2940**:vii, 37p.
12. Macdonald, T.A.; Burd, B.J.; Macdonald, V.I.; Van Roodslaar, A. 2010. Taxonomic and feeding guild classification for the marine benthic macroinvertebrates of the Strait of Georgia, British Columbia. Canadian Technical Report of Fisheries and Aquatic Sciences **2874**:iv, 63p.

13. **MacLellan**, S.G. and **Hume**, J.M.B. 2010. An evaluation of methods used by the freshwater ecosystems section for pelagic fish surveys of sockeye rearing lakes in British Columbia. Canadian Technical Report of Fisheries and Aquatic Sciences 2886: v + 67 p.
14. **McFarlane**, G.A.; **McPhie**, R.P.; **King**, J.R. 2010 Distribution and life history parameters of elasmobranch species in British Columbia waters. Canadian Technical Report of Fisheries and Aquatic Sciences **2908**:x, 143 p.
15. **Morris**, J.F.T., **Trudel**, M., **Thiess**, M.E., **Zubkowski**, T.B., **Tucker**, S., Harstad, D.L., **Jung**, Y., Maclean, H.R. 2010. CFV *Viking Storm* Gulf of Alaska salmon survey, June 18 - July 5, 2008. Canadian Data Report of Fisheries and Aquatic Sciences **1227**:viii, 218p.
16. **Murray**, C.C., and **Therriault**, T.W. 2010. Proceedings of the north coast eulachon workshop: March 4-5, 2009, Prince Rupert, British Columbia. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2936**:v, 19p.
17. **Olsen**, N. 2010. A user's guide to GFBioField: the Pacific region at-sea data acquisition system for groundfish trawl surveys. Canadian Technical Report of Fisheries and Aquatic Sciences **2887**:x, 76p.
18. Peacock, S.J. and **Holt**, C.A. 2010. A review of metrics of distribution with application to Conservation Units under Canada's Wild Salmon Policy. Canadian Technical Report of Fisheries and Aquatic Sciences **2888**:vii, 36p.
19. **Pon**, L.B., **Tovey**, C.P., Bradford, M.J., **MacLellan**, S.G., and **Hume**, J.M.B. 2010. Depth and thermal histories of adult sockeye salmon (*Oncorhynchus nerka*) in Cultus Lake in 2006 and 2007. Canadian Technical Report of Fisheries and Aquatic Sciences **2867**:iii,39p.
20. **Spilsted**, B., Fairweather, and B. **Bocking**. 2010. A review of stock assessment and biological information for Queen Charlotte Islands/Haida Gwaii coho for the years 1950 to 2000. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2862**:xv, 162p.
21. **Thompson**, M., **Fort**, C., and **Schweigert**, J. 2010. Strait of Georgia juvenile herring survey, September and October 2009. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2921**:v, 29p.
22. **Thompson**, M., **Fort**, C., and **Therriault**, T.W. 2010. Central coast juvenile herring survey, August 2009. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2939**:vi, 54p.
23. **Thompson**, M., **Fort**, C., and **Therriault**, T.W. 2010. Central coast juvenile herring survey, August 2008. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2917**:vi, 52p.
24. **Thompson**, L. A., V. Baudry, B. **Moore**, M. J. **Hague**, D. **Senciall**, S. **Mercer**, and D. A. **Patterson**. 2010. A standardised process for the rescue, archival and quality control of historic water temperature data for the Fraser River Watershed, British Columbia. Canadian Technical Report of Fisheries and Aquatic Sciences **2863**:1-50.
25. **Valez-Espino**, L.A., **McNicol**, R.E., **Brown**, G., and **Parken**, C.K. 2010. Correction factors for numbers of released Chinook salmon reported in commercial troll logbooks:

- expanding the applications of the Observer Program. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2898**:viii, 48p.
26. **Valez-Espino**, L.A., Mullins, G., Willis, J., Krimmer, A., and Levesque, W. 2010. Mark-recapture experiment for the 2009 Chinook salmon spawning escapement in the Atnarko River. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2930**:xii, 51p.
 27. Van Tongeren, V.A., and **Winther**, I. 2010. 2009 North coast (Areas 3 & 4) creel survey statistics for salmon and groundfish. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2907**:viii, 94p.
 28. **Van Will**, P., **Stiff**, H.W., Miyagi, E., and Duncan, K. 2010. Enumeration of juvenile and adult coho salmon at Black Creek, Vancouver Island, 2006. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2928**:viii, 54p.
 29. **Van Will**, P., **Stiff**, H.W., Miyagi, E., and Duncan, K. 2010. Enumeration of juvenile and adult coho salmon at Black Creek, Vancouver Island, 2007. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2942**:ix, 132p.
 30. **Zetterberg**, P.R., and **Carter**, E.W. 2010. Strait of Georgia sport fishery creel survey statistics for salmon and groundfish, 2008. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2929**:iv, 123p.

2011 Secondary Publications for the Pacific Region (not including IOS)

1. Backe, N., S. **Davies**, K. Conley, G. **Kosmider**, G. Rasmussen, H. Ibey and K. **Ladell**. 2011. Race Rocks (XwaYeN) proposed marine protected area ecosystem overview and assessment report. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2949**:ii, 30p.
2. **Dunham**, J.S., A. Phillips, J. Morrison, and G. **Jorgensen**. 2011. A manual for Dungeness crab surveys in British Columbia. Canadian Technical Report of Fisheries and Aquatic Sciences **2964**:viii, 68p.
3. **Duprey**, N.M.T. 2011. Sea cucumber biomass estimations from surveys conducted June 2009 to May 2010. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2954**:viii, 97p.
4. Egli, T.P., and **Lessard**, J. 2011. Survey of northern abalone, *Haliotis kamtschatkana*, population in the Strait of Georgia, British Columbia, October 2009. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2955**:iii, 12p.
5. **Ellis**, G.M., **Towers**, J.R., and **Ford**, J.K.B. 2011. Northern resident killer whales of British Columbia: photo-identification catalogue and population status to 2010. Canadian Technical Report of Fisheries and Aquatic Sciences **2942**:vi, 71p.
6. **Enzenhofer**, H.J., **Cronkite**, G.M.W., and **Holmes**, J.A. 2011. Track-mounted carriage system for deployment of hydroacoustic transducers in riverine environments. Canadian Technical Report of Fisheries and Aquatic Sciences **2939**:iv, 14p.
7. **Flemming**, R.G., **Yamanaka**, K., **Cooke**, K., and Dykstra, C. 2011. Summary of non-halibut catch from the standardized stock assessment survey conducted by the International Pacific Halibut Commission in British Columbia from May 28 to July 20, 2009. Canadian Technical Report of Fisheries and Aquatic Sciences **2971**:viii, 87p.
8. **Flostrand**, L., **Detering**, J., and **Schweigert**, J. 2011. Proceedings of the 2010 Tri-national Pacific Sardine Forum. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2970**:viii, 55p.
9. **Grinnell**, M.H., and **Curtis**, J.M.R. 2011. User manual for network distances 1.0: calculating network-wise distances between habitat patches for spatially restricted species. Canadian Technical Report of Fisheries and Aquatic Sciences **2960**:iv, 29p.
10. **Haigh**, R., and **Yamanaka**, K.L. 2011. Catch history reconstruction for rockfish (*Sebastes* spp.) caught in British Columbia coastal waters. Canadian Technical Report of Fisheries and Aquatic Sciences **2943**:viii, 124p.
11. **Irvine**, J.E., and W.R. **Crawford**. 2011. State of the ocean report for the Pacific north coast integrated management area (PNCIMA). Canadian Manuscript Report of Fisheries and Aquatic Sciences **2971**:xii, 61p.
12. Keightley, S., **Edwards**, A., and **Holt**, C.A. 2011. Potential for using multivariate autoregressive models to investigate dynamics of British Columbia groundfish communities, including appraisal of the LAMBDA software package. Canadian Technical Report of Fisheries and Aquatic Science **2968**:iv, 24p.

13. Lambert, P., and **Boutillier**, J. 2011. Deep-sea echinodermata of British Columbia, Canada. Canadian Technical Report of Fisheries and Aquatic Sciences **2929**:viii, 143p.
14. **Lessard**, J., and Egli, T.P. 2011. Survey of northern abalone, *Haliotis kamtschatkana*, population in Queen Charlotte Strait, British Columbia, May 2009. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2959**:iv, 17p.
15. **Macdonald**, J.S. and **MacConnachie**, S. 2011. An analysis of ten years of intertidal monitoring: Evaluating the biophysical data collected by the Saanich Inlet shorekeepers program. Canadian Technical Report of Fisheries and Aquatic Sciences **2957**:50p.
16. **MacLellan**, S.G. and **Hume**, J.M.B. 2011. Pelagic fish surveys of 20 lakes in Northern British Columbia from: 2006 to 2009. Canadian Technical Report of Fisheries and Aquatic Sciences **2950**:viii, 139p.
17. **McPhie**, R.P., and **King**, J.R. 2011. Lingcod (*Ophiodon elongatus*) egg mass and reef fish density SCUBA survey in the Strait of Georgia, February 15-25, 2010 and 2011. Canadian Technical Report of Fisheries and Aquatic Sciences **2932**:x, 33p.
18. **Stanton**, L.M., **Norgard**, T.C., **MacConnachie**, S.E.M., and **Gillespie**, G.E. 2011. Field verification of historic records of Olympia oysters (*Ostrea lurida* Carpenter, 1864) in British Columbia – 2009. Canadian Technical Report of Fisheries and Aquatic Sciences **2940**:vi, 115p.
19. **Taccogna**, G.S., and **Hillaby**, J.E. 2011. Investigation of juvenile chinook salmon (*Oncorhynchus tshawytscha*) use of off-channel and mainstem habitats in two upper Fraser River watersheds. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2848**:v, 85p.
20. **Thompson**, M., **Fort**, C., and **Schweigert**, J. 2011. Strait of Georgia juvenile herring survey, September 2010. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2957**:v, 34p.
21. **Thompson**, M., **Fort**, C., and **Therriault**, T.W. 2011. Central coast juvenile herring survey, August 2010. Canadian Manuscript Report of Fisheries and Aquatic Sciences 2952:vi, 39p.
22. **Valez-Espino**, L.A., **Willis**, J., **Parke**, C.K., and **Brown**, G. 2011. Cohort analyses and new developments for coded wire tag data of Atnarko River chinook salmon. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2958**:xiv, 68p.
23. **Van Will**, P., **Stiff**, H.W., **Nagtegaal**, D., Miyagi, E., and Duncan, K. 2011. Enumeration of juvenile and adult coho salmon at Black Creek, Vancouver Island, 2008. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2951**:viii, 87p.
24. **Watson**, N.M. 2011. Lang Creek beach fishery 2008/2009: creel survey catch and effort estimates. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2889**:x, 44p.
25. **Yamanaka**, K.L., **Flemming**, R.G., **Cooke**, K., and Dykstra, C. 2011. Summary of non-halibut catch from the standardized stock assessment survey conducted by the International Pacific Halibut Commission in British Columbia from May 28 to August 12, 2008. Canadian Technical Report of Fisheries and Aquatic Sciences **2970**:viii, 81p.

2012 Secondary Publications for the Pacific Region (not including IOS)

1. Campbell, K., **Van Will**, P., **Stiff**, H.W., **Nagtegaal**, D., Miyagi, E., Duncan, K. 2012. Enumeration of juvenile and adult coho salmon at Black Creek, Vancouver Island, 2009. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2984**:viii, 185p.
2. **Carter**, D.W., **Bonamis**, A.N., **Major**, S.M., **Gagnon**, J.F., **Hussey**, D.C., and **Pulvermacher**, H.A. 2012. 2002-2006 section 35(2) Pacific Region authorization file audit results. Canadian Manuscript Report of Fisheries and Aquatic Sciences 3010:iv, 29p.
3. **Cox-Rogers**, S., and **Spilsted**, B. 2012. Update assessment of sockeye salmon production from Babine Lake, British Columbia. Canadian Technical Report of Fisheries and Aquatic Sciences **2956**:ix, 65p.
4. **Curtis**, D.L., L. Sauchyn, L. **Keddy**, T.W. **Therriault**, and C.M. **Pearce**. 2012. Prey preferences and relative predation rates of adult European green crabs (*Carcinus maenas*) feeding on various bivalve species in British Columbia, Canada. Canadian Technical Report of Fisheries and Aquatic Sciences **3014**:iv, 14p.
5. **Duprey**, N.M.T. 2012. Sea cucumber biomass estimations from surveys conducted June 2010 to May 2011. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2960**:xii, 150p.
6. **Fargo**, J.J. 2012. Biomass estimates and biological reference points for flatfish species resident to the coast of British Columbia, Canada. Canadian Technical Report of Fisheries and Aquatic Sciences **2995**:iv, 88 p.
7. **Fargo**, J.J. 2012. Dynamics of marine fish assemblages in Hecate Strait, British Columbia. Canadian Technical Report of Fisheries and Aquatic Sciences **2996**:iv, 65p.
8. **Fargo**, J.J., and **Westrheim**, S.J. 2012. Tagging mortality, recovery rate, and mortality rate of English sole (*Parophrys vetulus*) tagged in Hecate Strait, June 9-18, 1983, and records of other migrations elsewhere. Canadian Technical Report of Fisheries and Aquatic Sciences **2994**:iv, 65p.
9. **Finney**, J.L., **Norgard**, T.C., **Boutillier**, P.D.G., **MacConnachie**, S.E.M., and **Gillespie**, G.E. 2012. Field verification of historic records of Olympia oysters (*Ostrea lurida* Carpenter, 1864) in British Columbia: 2010 and 2011. Canadian Technical Report of Fisheries and Aquatic Sciences **3011**:vii, 91p.
10. **Flemming**, R.G., **Yamanaka**, K.L., **Cooke**, K., and **Dykstra**, C. 2012. Summary of non-halibut catch from the standardized stock assessment survey conducted by the International Pacific Halibut Commission in British Columbia from June 3 to August 27, 2010. Canadian Technical Report of Fisheries and Aquatic Sciences **2989**:viii, 99p.
11. **Grinnell**, M.H., and **Curtis**, J.M.R. 2012. User manual for patch importance 1.0: quantifying relative habitat patch importance based on metapopulation persistence and minimum abundance. Canadian Technical Report of Fisheries and Aquatic Sciences **2977**:vi, 41p.

12. **Holt**, C. 2012. Identifying benchmarks and assessing status of CUs under the Wild Salmon Policy: converging on consistent methods. Summary of progress meeting. Canadian Technical Report of Fisheries and Aquatic Sciences **3019**:v, 23p.
13. **Holt**, K.R., **B. Ackerman**, R. **Flemming**, R.E. **Forrest**, A.R. **Kronlund**, L. **Lacko**, N. **Olsen**, K. **Rutherford**, R.D. **Stanley**, N.G. **Taylor** and G. **Workman**. 2012. Ecological risk assessment for the effects of fishing: A pilot study for British Columbia groundfish fisheries. Canadian Technical Report of Fisheries and Aquatic Sciences. **2990**.
14. **King**, J.R., **McPhie**, R.P., and **Morrison**, P.R. 2012. Biological results of the Strait of Georgia spiny dogfish (*Squalus suckleyi*) longline survey October 7-15, 2011. Canadian Technical Report of Fisheries and Aquatic Sciences **2975**:iv, 24p.
15. **Kronlund**, A.R., **Cox**, S.P., and **Cleary**, J.S. 2012. Management strategy evaluation in R(mseR): user's guide and simulation exercises. Canadian Technical Report of Fisheries and Aquatic Sciences **3001**:vii, 52p.
16. **Leus**, D., **Hajas**, W., and **Hand**, C.M. 2012. Dockside validation methods for the live-market red sea urchin fishery in British Columbia. Canadian Technical Report of Fisheries and Aquatic Sciences **3003**:iv, 12p.
17. **Little**, D., **MacLellan**, S.E., and **Charles**, K. 2012. A guide to processing fin-rays for age determination. Canadian Technical Report of Fisheries and Aquatic Sciences **3002**:iv, 19p.
18. **Ma**, B.O., **Pickard**, D.C., and **O'Brien**, D.S. 2012. Estimating effort from instantaneous counts: a comparison of analysis approaches using 2010 Victoria area recreational survey data. Canadian Manuscript Report of Fisheries and Aquatic Sciences **3005**:vii, 44p.
19. **McPhie**, R.P., and **King**, J.R. 2012. Lingcod (*Ophiodon elongatus*) egg mass and reef fish density SCUBA survey in the Strait of Georgia, February 15-22, 2012. Canadian Technical Report of Fisheries and Aquatic Sciences 2987:viii, 22p.
20. **Preikshot**, D., **Neville**, C.M., **Beamish**, R.J. 2012. Data and parameters used in a Strait of Georgia ecosystem model. Canadian Technical Report of Fisheries and Aquatic Sciences **3005**:viii, 58p.
21. **Rempel**, LL., **Healey**, K., and **Lewis**, F.J.A. 2012. Lower Fraser River juvenile fish habitat suitability criteria. Canadian Technical Report of Fisheries and Aquatic Sciences 2991:ix, 73p.
22. **Stanton**, L., **Lauzier**, R., **MacConnachie**, S., **Nield**, L., **Pollard**, S., **Heron**, J., and **Davies**, S. 2012. Exploratory surveys and directed studies of Rocky Mountain ridged mussel (*Gonidea angulata* Lea, 1839) in British Columbia. Canadian Manuscript Report of Fisheries and Aquatic Sciences **3003**:viii, 63p.
23. **Towers**, J.R., **Ellis**, G.M., **Ford**, J.K.B. 2012. Photo-identification catalogue of Bigg's (transient) killer whales from coastal waters of British Columbia, northern Washington, and southeastern Alaska. Canadian Data Report of Fisheries and Aquatic Sciences **1241**:v, 127p.

24. **Towers, J.R., Ford, J.K.B., and Ellis, G.M.** 2012. Digital photo-identification dataset management and analysis: testing protocols using a commercially available application. Canadian Technical Report of Fisheries and Aquatic Sciences **2978**:iv, 16p.
25. **Waddell, B. J., and R.I. Perry.** 2012. Survey results of green sea urchin (*Strongylocentrotus droebachiensis*) populations in Queen Charlotte Strait, British Columbia, October 2008 and November 2010. Canadian Technical Report of Fisheries and Aquatic Sciences **3000**:ix, 73p.
26. **Zetterberg, P.R., Watson, N.M., and O'Brien D.S.** 2012. Strait of Georgia recreational fishery statistics for salmon and groundfish, 2009. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2979**:xii, 104p.
27. **Zetterberg, P.R., Watson, N.M., and O'Brien, D.S.** 2012. Strait of Georgia recreational fishery statistics for salmon and groundfish, 2010. Canadian Manuscript Report of Fisheries and Aquatic Sciences **3000**:xii, 106p.

2013 Secondary Publications for the Pacific Region (not including IOS)

1. **Beamish, R.J.** 2013. A summary of the early field studies of the Morrison Creek lamprey and a new assessment of its taxonomy. Canadian Technical Report of Fisheries and Aquatic Sciences **3031**:iv, 36p.
2. Campbell, K., **Van Will, P., Stiff, H.W., Nagtegaal, D., Miyagi, E., Duncan, K.** 2013. Enumeration of juvenile and adult coho salmon at Black Creek, Vancouver Island, 2010. Canadian Manuscript Report of Fisheries and Aquatic Sciences **2985**:viii, 160p.
3. **Charles, K., MacLellan, S.E., and Little, D.** 2013. A guide to sectioning otoliths for age determination. Canadian Technical Report of Fisheries and Aquatic Sciences **3037**:iv, 35.
4. **Holt, C., and Ogden, A.** 2013. Software for assessing status of Conservation Units under Canada's Wild Salmon Policy: Instructional manual. Canadian Technical Report of Fisheries and Aquatic Sciences **3058**:v, 43p.
5. **Hyatt, K. and Stockwell, M.** 2013. Fish and water management tools project assessments: Record of management strategy and decisions for the 2007-2008 water year. Canadian Manuscript Report of Fisheries and Aquatic Sciences **3022**:ix, 70p.
6. **King, J., Surry, M., Wyeth, M., Olsen, N., and Workman, G.** 2013. Strait of Georgia groundfish bottom trawl survey, March 14-24, 2012. Canadian Technical Report of Fisheries and Aquatic Sciences **3056**:vii, 58p.
7. **Nomura, M., Piercey, G.E., Dunham, A., and Stewart, H.L.** 2013. Ecological effects of blue LED lights used at marine finfish aquaculture sites in British Columbia. Canadian Data Report of Fisheries and Aquatic Sciences **1245**: vi, 87p.
8. **Rutherford, D., Barton, L., Clark, D., and Fong, K.** 2013. Catch composition data from the British Columbia commercial shrimp trawl bycatch monitoring program, 2002-2011. Canadian Data Report of Fisheries and Aquatic Sciences **1246**:iii, 114p.
9. **Shardlow, T.F.** 2013. Activity, behaviour, and rates of use of Pacific salmon carcasses by large vertebrate scavengers. Canadian Technical Report of Fisheries and Aquatic Sciences **3036**: vi, 44p.
10. **Stewart, H.L., and Piercey, G.E.** 2013. An examination of marine vegetation and the communities they support in Baynes Sound, British Columbia. Canadian Data Report of Fisheries and Aquatic Sciences **1248**:iv, 29p.
11. **Stewart, H.L., Nomura, M., Piercey, G.E., Dunham, A., and Lelliott, T.L.** 2013. Ecological effects of blue LED lights used in aquaculture. Canadian Technical Report of Fisheries and Aquatic Sciences **3057**:iv, 26p.
12. **Stiff, H., Hyatt, K., Stockwell, M., Etherton, P., and Waugh, B.** 2013. Water temperature, river discharge, and adult sockeye salmon migration observations for the Tahltan watershed, 1959-2012. Canadian Manuscript Report of Fisheries and Aquatic Sciences **3018**: ix, 114p.
13. **Thompson, M., Fort, C., and Schweigert, J.** 2013. Strait of Georgia juvenile herring survey, September 2011 and 2012. Canadian Manuscript Report of Fisheries and Aquatic Sciences **3016**: vi, 63p.

14. **Watson**, N.M. 2013. Adult chinook escapement assessment conducted on the Nanaimo River during 2010. Canadian Manuscript Report of Fisheries and Aquatic Sciences **3011**:ix, 43p.

Part 2B: Other Secondary Publications and Research Documents

From

Pacific Biological Station and related staff

For the Years 2001-2012

Secondary publications are non-peer-reviewed reports and other publications.

This list of secondary publications and reports includes listings other than those produced as Fisheries and Oceans Canada reports.

Publications from staff at the Institute of Ocean Sciences are not included in this list.

Last names of authors who were DFO staff or equivalent at the time of publication are in bold font. This system for identifying DFO staff may not be completely accurate.

Number of entries

2001 – 15
2002 – 20
2003 – 20
2004 – 44
2005 – 13
2006 – 17
2007 – 21
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2009 – 13
2010 – 13
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2012 – 23
2012 – 20
TOTAL 238

2001 Secondary Publications for the Pacific Region(not including IOS)

1. **Beacham, T.D., J.R. Candy, B. McIntosh, C. MacConnachie, A. Tabata, K. Kaukinen, K.M. Miller, and R.E. Withler.** 2001. Estimation of stock composition of sockeye salmon in the North Pacific Ocean. North Pacific Anadromous Fish Commission Document **552**:11p.
2. **Beamish, R.J., and C.M. Neville.** 2001. Predation-based mortality on juvenile salmon in the Strait of Georgia. North Pacific Anadromous Fish Commission Technical Report **2**:11-13.
3. **Beamish, R.J., K.L. Poier and C. Mahnken.** 2001. Evidence of the validity of the critical size and critical period hypothesis. North Pacific Anadromous Fish Commission Document **564**:16p.
4. **Beamish, R.J., C.M. Neville, R.M. Sweeting, and K.L. Poier.** 2001. Persistence of the improved productivity of 2000 in the Strait of Georgia, British Columbia, Canada, through to 2001. North Pacific Anadromous Fish Commission Document **565**:19p.
5. **Bijsterveld, L., and L. Nagy.** An update on trends in catch of Pacific salmon in Canada. North Pacific Anadromous Fish Commission Document **571**(Rev. 1):12p.
6. Enhancement Coordination and Assessment Unit. Canadian enhanced salmon production, 1977- 2000. North Pacific Anadromous Fish Commission Document **563**:9p.
7. **Hargreaves, B., W. Luedke, and J. Till.** 2001. Application of otolith thermal mass marking in British Columbia, Canada. North Pacific Anadromous Fish Commission Technical Report **3**:19-22.
8. **Kreiberg, H., K. Cooke, and H. Kim.** 2001. Short-term holding of wild adult sablefish in a SEA System II™ floating bag. Aquaculture Update **89**:4p.
9. **Luedke, W., and Y. Gao.** 2001. Development of a new stock discrimination tool for naturally spawning sockeye salmon (*Oncorhynchus nerka*) within Alberni Inlet from stable isotopic composition of otoliths. North Pacific Anadromous Fish Commission Technical Report **3**:11-12.
10. **Noakes, D.J., and C.G. Wallace.** Canadian research results, 1999-2000: Report on the Canadian workplans. North Pacific Anadromous Fish Commission Document **558**:18p.
11. Ommer, R. and I. **Perry.** 2001. Human dimensions of GLOBEC. GLOBEC International Newsletter **7**(2):13-15.
12. **Perry, I.** 2001 2nd GLOBEC Focus 1 Workshop Report: Retrospective and Time Series Studies. GLOBEC International Newsletter **7**(2):9-10.
13. **Perry, I.** 2001. Marine ecosystem and climate interactions in the past, present and future: Report of a workshop between GLOBEC, PAGES, and CLIVAR. GLOBEC International Newsletter **7**(1):6-8.
14. **Till, J.** 2001. Proposed thermal marks for salmon from British Columbia for brood year 2001. North Pacific Anadromous Fish Commission Document **570**:4p.

15. **Workman**, G.D., A.C. **Phillips**, F.E. Scurrah and J. A. **Boutillier**. 2001. A New Fishery for Grooved Tanner Crab (*Chionoecetes tanneri*) off the Coast of British Columbia, Canada. In Crabs in Cold Water Regions: Biology, Management and Economics. Alaska Sea Grant College Program. AK-SG-02-01, **439**:456.

2002 Secondary Publications for the Pacific Region (not including IOS)

1. **Beamish, R. J.** 2002. Recent returns of Pink salmon to the Fraser River indicate the importance of relating stock to recruitment on a regime scale. North Pacific Anadromous Fish Commission Document **633**:23p.
2. **Beamish, R.J., C.M. Neville, R.M. Sweeting, K.L. Poirer, and G.A. McFarlane.** 2002. Changes in the dynamics of coho in the Strait of Georgia in the last decade. *In* P. Gallagher and C. Orr (editors) Hatcheries and the Protection of Wild Salmon, Continuing Studies in Science, Workshop Proceedings, Simon Fraser University, British Columbia, June, 2002.
3. **Beamish, R.J., R.M. Sweeting, C.E. Neville, and K. Poier.** 2002. A climate related explanation for the natural control of Pacific salmon abundance in the first marine year. North Pacific Anadromous Fish Commission Technical Report **4**: 1-3.
4. **Bijsterveld, L., and L. Nagy.** 2002. An update on trends in catch of Pacific salmon in Canada. North Pacific Anadromous Fish Commission Document **643**:12p.
5. Enhancement Support and Assessment Unit. 2002. Canadian enhanced salmon production, 1977-2000 brood years. North Pacific Anadromous Fish Commission Document 641:10p.
6. **Ford, J.K.B., and Ellis, G.M.** 2002. Reassessing the social organization of resident killer whales in British Columbia. Pages 72-74 *in* Proceedings of the Fourth International Orca Symposium and Workshop, 23-28 Sept 2002. CEBC-CNRS, Villiers en Bois, France.
7. **Jensen, J.O.T., and W. Damon.** 2002. Digital photo-microscopy of sablefish (*Anoplopoma fimbria*) embryonic development. Incubation of Fish: Biology and Techniques. Pages 49-58 *in* Proceedings of the International Fish Physiology Symposium, July 22-25, 2002. University of British Columbia, Vancouver, BC, Canada.
8. **Jensen, J.O.T., W.E. Mclean, T. Sweeten, and M.E. Jensen.** 2002. WinSIRP: New Microsoft Windows®-based salmonid incubation and rearing programs, designed for Microsoft Excel®. Incubation of Fish: Biology and Techniques. Pages 21-36 *in* Proceedings of the International Fish Physiology Symposium, July 22-25, 2002. University of British Columbia, Vancouver, BC, Canada.
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For the Years 2001-2012

Canadian Science Advisory Secretariat publications are the result of regional peer review meetings but are not peer-reviewed in the same manner as international journals.

This list of CSAS publications includes the Science Advice Report (SAR), the Research Document and Proceedings from the regional peer review meetings, and Special Reports (SR).

Publications from staff at the Institute of Ocean Sciences are not included in this list.

Last names of authors who were DFO (Department of Fisheries & Oceans Canada) staff or equivalent at the time of publication are in bold font. This system for identifying DFO (Department of Fisheries & Oceans Canada) staff may not be completely accurate.

Number of entries

2001 – 65
2002 – 57
2003 – 32
2004 – 49
2005 – 35
2006 – 23
2007 – 40
2008 – 33
2009 – 52
2010 – 31
2011 – 68
2012 – 56
2013 – 19
TOTAL 560

2001 CSAS Publications for the Pacific Region (not including IOS)

1. **Bailey, R.E., Irvine, J.R., Candy, J.R., Parken, C.K., Lemke, S.L., Sullivan, M., and Wetklo, M.** 2001. Summary of stock assessment information for selected early returning Chinook salmon populations of the Fraser River watershed. Canadian Science Advisory Secretariat Research Document **2001/134**.
2. Barrett-Lennard, L.G., and **Ellis, G.M.** 2001. Population structure and genetic variability in northeastern Pacific killer whales: Towards an assessment of population viability. Canadian Science Advisory Secretariat Research Document **2001/065**.
3. **Beacham, T.D., Schweigert, J.F., MacConnachie, C., Le, K.K., Labaree, K., and Miller, K.M.** 2001. Population structure of herring (*Clupea pallasii*) in British Columbia: an analysis using microsatellite loci. Canadian Science Advisory Secretariat Research Document **2001/128**.
4. **Benson, A.J., Neville, C.M., and McFarlane, G.A.** 2001. An update for the British Columbia experimental fishery for Pacific hagfish (*Eptatretus stoutii*). Canadian Science Advisory Secretariat Research Document **2001/149**.
5. **Benson, A.J., McFarlane, G.A., and King, J.R.** 2001. A phase '0' review of elasmobranch biology, fisheries, assessment and management. Canadian Science Advisory Secretariat Research Document **2001/129**.
6. **Campbell, A., Tzotzos, D., Hajas, W.C., and Barton, L.L.** 2001. Quota options for the red sea urchin fishery in BC for fishing season 2002/2003. Canadian Science Advisory Secretariat Research Document **2001/141**.
7. **Cass, A.** 2001. Pre-season run size forecasts for Fraser River sockeye and pink salmon in 2001. Canadian Science Advisory Secretariat Research Document **2001/063**.
8. **Cass, A.** 2001. Pre-season run size forecast for Fraser River sockeye in 2002. Canadian Science Advisory Secretariat Research Document **2001/147**.
9. **DFO (Department of Fisheries & Oceans Canada).** 2001. Lingcod (*Ophiodon elongatus*). Canadian Science Advisory Secretariat Stock Status Report **2001/A6-18**.
10. **DFO (Department of Fisheries & Oceans Canada).** 2001. Prince Rupert herring. Canadian Science Advisory Secretariat Stock Status Report **2001/B6-01**.
11. **DFO (Department of Fisheries & Oceans Canada).** 2001. Central coast herring. Canadian Science Advisory Secretariat Stock Status Report **2001/B6-02**.
12. **DFO (Department of Fisheries & Oceans Canada).** 2001. Queen Charlotte Islands herring. Canadian Science Advisory Secretariat Stock Status Report **2001/B6-03**.
13. **DFO (Department of Fisheries & Oceans Canada).** 2001. West coast Vancouver Island herring. Canadian Science Advisory Secretariat Stock Status Report **2001/B6-04**.
14. **DFO (Department of Fisheries & Oceans Canada).** 2001. Strait of Georgia herring. Canadian Science Advisory Secretariat Stock Status Report **2001/B6-05**.
15. **DFO (Department of Fisheries & Oceans Canada).** 2001. Red sea urchin. Canadian Science Advisory Secretariat Stock Status Report **2001/C6-09**.

16. **DFO (Department of Fisheries & Oceans Canada)**. 2001. Green sea urchin. Canadian Science Advisory Secretariat Stock Status Report **2001/C6-11**.
17. **DFO (Department of Fisheries & Oceans Canada)**. 2001. Varnish clams. Canadian Science Advisory Secretariat Stock Status Report **2001/C6-13**.
18. **DFO (Department of Fisheries & Oceans Canada)**. 2001. Razor clam. Canadian Science Advisory Secretariat Stock Status Report **2001/C6-15**.
19. **DFO (Department of Fisheries & Oceans Canada)**. 2001. Manila clams (Area 7). Canadian Science Advisory Secretariat Stock Status Report **2001/C6-17**.
20. **DFO (Department of Fisheries & Oceans Canada)**. 2001. Coho salmon in the coastal waters of the Georgia Basin. Canadian Science Advisory Secretariat Stock Status Report **2001/D6-07**.
21. **DFO (Department of Fisheries & Oceans Canada)**. 2001. Interior Fraser River coho salmon. Canadian Science Advisory Secretariat Stock Status Report **2001/D6-08**.
22. **Dunham, J.S., and Boutilier, J.A.** 2001. *Pandalus danae*, coonstripe shrimp: A review of the biology and recommended assessment framework for directed fisheries. Canadian Science Advisory Secretariat Research Document **2001/151**.
23. **Fargo, J., and Starr, P.J.** 2001. Turbot stock assessment for 2001 and recommendations for management in 2002. Canadian Science Advisory Secretariat Research Document **2001/150**.
24. **Gillespie, G.E., Norgard, T.C., and Scurrah, F.E.** 2001. Status of manila clam (*Venerupis philippinarum*) stocks in Area 7, British Columbia, with a proposal for active management of a data-limited fishery. Canadian Science Advisory Secretariat Research Document **2001/089**.
25. **Gillespie, G.E., Rusch, B., Gormican, S.J., Marshal, R., and Munroe, D.** 2001. Further investigations of the fisheries potential of the exotic varnish clam (*Nuttallia obscurata*) in British Columbia. Canadian Science Advisory Secretariat Research Document **2001/143**.
26. **Haist, V., Hilborn, R., and Wyeth, M.R.** 2001. Sablefish stock assessment for 2001 and advice to managers for 2002. Canadian Science Advisory Secretariat Research Document **2001/135**.
27. **Hargreaves, N.B., and Tovey, C.** 2001. Mortality rates of coho salmon caught by commercial salmon gillnets and the effectiveness of revival tanks and reduced soak time for decreasing coho mortality rates. Canadian Science Advisory Secretariat Research Document **2001/154**.
28. **Holtby, L.B., and Finnegan, B.** 2001. Forecast for northern British Columbia coho salmon in 2001. Canadian Science Advisory Secretariat Research Document **2001/088**.
29. **Hyatt, K.D., Luedke, W., Rankin, D.P., Till, J., and Lewis, D.B.** 2001. Review of year 2000 return of Barkley Sound sockeye salmon and forecasts for 2001. Canadian Science Advisory Secretariat Research Document **2001/157**.
30. **Irvine, J.R., Parken, C.K., Chen, D.G., Candy, J.R., Ming, T., Supernault, J., Shaw, W.S., and Bailey, R.E.** 2001. 2001. Assessment of stock status for Coho salmon from the

interior Fraser River. Canadian Science Advisory Secretariat Research Document **2001/083**.

31. **Jamieson, G.**, and Dixon, S. 2001. A proposed MPA boundary identification process for reproductive refugium establishment, using lingcod (*Ophiodon elongatus*) as an example focal species. Canadian Science Advisory Secretariat Research Document **2001/106**.
32. **Jamieson, G.**, and **O'Boyle, R.** 2001. Proceedings of the national workshop on objectives and indicators for ecosystem-based management; 27 February-2 March 2001. Canadian Science Advisory Secretariat Proceedings **2001/009**.
33. **Jamieson, G.**, and **Olesiuk, P.F.** 2001. Salmon farm - pinniped interactions in British Columbia: an analysis of predator control, its justification and alternative approaches. Canadian Science Advisory Secretariat Research Document **2001/142**.
34. **Jamieson, G.**, Dixon, S., and **Lauzier, R.B.** 2001. Initial evaluation of community structure in goose barnacle (*Pollicipes polymerus*) and sea mussel (*Mytilus californianus*) beds off the west coast of Vancouver Island, British Columbia. Canadian Science Advisory Secretariat Research Document **2001/124**.
35. **Jamieson, G.**, Chew, L., **Gillespie, G.E.**, Robinson, A., Bendell-Young, L., Heath, W., **Bravender, B.**, **Tompkins, A.**, Nishimura, D., and Doucette, P. 2001. Phase 0 review of the environmental impacts of intertidal shellfish aquaculture in Baynes Sound. Canadian Science Advisory Secretariat Research Document **2001/125**.
36. Jones, R.A., Schwarz, C., DeFreitas, B., and Lee, L. 2001. Results of surveys of intertidal razor clams (*Siliqua patula*) on beaches near Masset, Haida Gwaii and recommendations on fishery management. Canadian Science Advisory Secretariat Research Document **2001/152**.
37. **King, J.R.** 2001. Assessment of lingcod in the Strait of Georgia. Canadian Science Advisory Secretariat Research Document **2001/132**.
38. Krause, G.G., **Workman, G.D.**, and **Phillips, A.C.** 2001. A phase '0' review of the biology and fisheries of the Tanner crab (*Chionoecetes bairdi*). Canadian Science Advisory Secretariat Research Document **2001/160**.
39. **Levings, C.D.**, and **Jamieson, G.** 2001. Marine and estuarine riparian habitats and their role in coastal ecosystems, Pacific Region. Canadian Science Advisory Secretariat Research Document **2001/109**.
40. Osborne, J., **Brown, G.**, and Hall, D. 2001. Preliminary comparative analysis of herring biosamples from an alternative harvest method. Canadian Science Advisory Secretariat Research Document **2001/146**.
41. **Perry, R.I.**, **Waddell, B.J.**, and **Zhang, Z.Z.** 2001. Assessment of green sea urchin (*Strongylocentrotus droebachiensis*) stocks in British Columbia, 2001. Canadian Science Advisory Secretariat Research Document **2001/137**.
42. **Riddell, B.E.**, **Luedke, W.**, **Till, J.**, and **Ferguson, R.** 2001. Review of 2000 Chinook returns to the west coast Vancouver Island, forecast of the 2001 return to the Stamp River/Robertson Creek Hatchery indicator stock and outlook for other WCVI Chinook stocks. Canadian Science Advisory Secretariat Research Document **2001/155**.

43. **Schnute, J.T., Haigh, R., Krishka, B., and Starr, P.J.** 2001. Pacific Ocean perch assessment for the west coast of Canada in 2001. Canadian Science Advisory Secretariat Research Document **2001/138**.
44. **Schweigert, J.** 2001. Stock assessment for British Columbia herring in 2001 and forecasts for the potential catch in 2002. Canadian Science Advisory Secretariat Research Document **2001/140**.
45. **Schweigert, J., and McFarlane, G.A.** 2001 Stock assessment and recommended harvest for Pacific sardine in 2002. Canadian Science Advisory Secretariat Research Document **2001/126**.
46. **Shortreed, K.S., Morton, K.F., Malange, K., and Hume, J.M.B.** 2001. Factors limiting juvenile sockeye production and enhancement potential for selected BC nursery lakes. Canadian Science Advisory Secretariat Research Document **2001/098**.
47. **Simpson, K.M., Dobson, D., Irvine, J.R., Holtby, B., and Tanasichuk, R.W.** 2001. Forecast for southern British Columbia coho salmon in 2001. Canadian Science Advisory Secretariat Research Document **2001/107**.
48. **Simpson, K.M., Dobson, D., Semple, R.E., Lehmann, S., Baillie, S., and Matthews, I.** 2001. Status in 2000 of coho stocks adjacent to the Strait of Georgia. Canadian Science Advisory Secretariat Research Document **2001/144**.
49. **Sinclair, A.F., Martell, S., and Boutillier, J.A.** 2001. Assessment of Pacific cod off the west coast of Vancouver Island and in Hecate Strait, November 2001. Canadian Science Advisory Secretariat Research Document **2001/159**.
50. **Stanley, R.D., Rutherford, K.A., and Olsen, N.** 2001. Preliminary status report on bocaccio (*Sebastes paucispinis*). Canadian Science Advisory Secretariat Research Document **2001/148**.
51. Starr, P.J. 2001. Assessment of the Canadian longspine thornyhead (*Sebastolobus altivelis*) for 2001. Canadian Science Advisory Secretariat Research Document **2001/136**.
52. **Stocker, M.** 2001. Report of the PSARC pelagic subcommittee meeting; August 29-30, 2001. Canadian Science Advisory Secretariat Proceedings **2001/025**.
53. **Stocker, M.** 2001. Report of the PSARC salmon subcommittee meeting; May 1-3, 2001. Canadian Science Advisory Secretariat Proceedings **2001/012**.
54. **Stocker, M., and Cass, A.** 2001. Report of the PSARC groundfish subcommittee meeting; November 13-16, 2001. Canadian Science Advisory Secretariat Proceedings **2001/034**.
55. **Stocker, M., and King, J.** 2001. Report of the PSARC pelagic subcommittee meeting; November 19-20, 2001. Canadian Science Advisory Secretariat Proceedings **2001/031**.
56. **Stocker, M., and Macdonald, A.** 2001. Report of the salmon subcommittee meeting; October 24-25, 2001. Canadian Science Advisory Secretariat Proceedings **2001/030**.
57. **Stocker, M., and Macdonald, A.** 2001. Report of the PSARC salmon subcommittee meeting; February 7- March 2, 2001. Canadian Science Advisory Secretariat Proceedings **2001/004**.

58. **Stocker, M., and Perry, I.** 2001. Report of the PSARC invertebrate subcommittee meeting; June 19-21, 2001. Canadian Science Advisory Secretariat Proceedings **2001/015.**
59. **Stocker, M., and Pringle, J.D.** 2001. Report of the PSARC habitat subcommittee meeting; June 26-27, 2001. Canadian Science Advisory Secretariat Proceedings **2001/024.**
60. **Stocker, M., and West, K.** 2001. Report of the PSARC invertebrate subcommittee meeting; November 27-29, 2001. Canadian Science Advisory Secretariat Proceedings **2001/035.**
61. **Tanasichuk, R.W.** 2001. An evaluation of a recruitment forecasting procedure for Strait of Georgia herring. Canadian Science Advisory Secretariat Research Document **2001/101.**
62. **Ware, D.M., and Schweigert, J.** 2001. Metapopulation structure and dynamics of British Columbia herring. Canadian Science Advisory Secretariat Research Document **2001/127.**
63. **Withler, R.E., Campbell, A., Li, S., Miller, K.M., Brouwer, D., and Lucas, B.G.** 2001. High levels of genetic variation in northern abalone, *Haliotis kamtschatkana*, of British Columbia. Canadian Science Advisory Secretariat Research Document **2001/097.**
64. **Yamanaka, K.L., and Lacko, L.C.** 2001. Inshore rockfish (*Sebastes ruberrimus*, *S. maliger*, *S. caurinus*, *S. melanops*, *S. nigrocinctus*, and *S. nebulosus*) stock assessment for the west coast of Canada and recommendations for management. Canadian Science Advisory Secretariat Research Document **2001/139.**
65. **Zhang, Z.** 2001. Evaluation of a box crab (*Lopholithodes foraminatus*) trap rest in British Columbia. Canadian Science Advisory Secretariat Research Document **2001/158.**

2002 CSAS Publications for the Pacific Region (not including IOS)

1. **Antcliffe, B.** 2002. Proceedings of the PSARC habitat subcommittee meeting; November 5-7, 2002. Canadian Science Advisory Secretariat Proceedings **2002/029**.
2. **Beacham, T.D., Schweigert, J.F., MacConnachie, C., Le, K.D., Labaree, K., and Miller, K.M.** 2002. Population structure of herring (*Clupea pallasii*) in British Columbia determined by microsatellites, with comparisons to southeast Alaska and California. Canadian Science Advisory Secretariat Research Document **2002/109**.
3. **Bocking, R.C., Link, M.R., Baxter, B., Nass, B., and Jantz, L.** 2002. Meziadin Lake biological escapement goal and considerations for increasing yield of sockeye salmon (*Oncorhynchus nerka*). Canadian Science Advisory Secretariat Research Document **2002/124**.
4. **Brown, T.G.** 2002. Floodplains, flooding, and salmon rearing habitats in British Columbia: A review. Canadian Science Advisory Secretariat Research Document **2002/007**.
5. **Candy, J.R., Irvine, J.R., Parken, C.K., Lemke, S.L., Bailey, R.E., Wetklo, M., and Jonsen, K.** 2002. A discussion paper on possible new stock groupings (Conservation Units) for Fraser River chinook salmon. Canadian Science Advisory Secretariat Research Document **2002/085**.
6. **Cass, A.** 2002. Pre-season run size forecasts for Fraser River sockeye and pink salmon in 2003. Canadian Science Advisory Secretariat Research Document **2002/116**.
7. **Cass, A.** 2002. Proceedings of the PSARC Groundfish subcommittee meeting; January 29, 2002. Canadian Science Advisory Secretariat Proceedings **2002/001**.
8. **Cretney, W. Sinclair, A.F., Wright, C., and Burd, B.** 2002. Role of modelling in ecological risk assessment and management with emphasis on the offshore oil and gas industry. Canadian Science Advisory Secretariat Research Document **2002/125**.
9. **DFO (Department of Fisheries & Oceans Canada).** 2002. Sablefish. Canadian Science Advisory Secretariat Stock Status Report **2002/A6-02**.
10. **DFO (Department of Fisheries & Oceans Canada).** 2002. Prince Rupert herring. Canadian Science Advisory Secretariat Stock Status Report **2002/B6-01**.
11. **DFO (Department of Fisheries & Oceans Canada).** 2002. Central Coast herring. Canadian Science Advisory Secretariat Stock Status Report **2002/B6-02**.
12. **DFO (Department of Fisheries & Oceans Canada).** 2002. Queen Charlotte Islands herring. Canadian Science Advisory Secretariat Stock Status Report **2002/B6-03**.
13. **DFO (Department of Fisheries & Oceans Canada).** 2002. West coast Vancouver Island herring. Canadian Science Advisory Secretariat Stock Status Report **2002/B6-04**.
14. **DFO (Department of Fisheries & Oceans Canada).** 2002. Strait of Georgia herring. Canadian Science Advisory Secretariat Stock Status Report **2002/B6-05**.
15. **DFO (Department of Fisheries & Oceans Canada).** 2002. Pacific sardine. Canadian Science Advisory Secretariat Stock Status Report **2002/B6-07**.

16. **DFO (Department of Fisheries & Oceans Canada)**. 2002. Northern anchovy. Canadian Science Advisory Secretariat Stock Status Report **2002/B6-08**.
17. **DFO (Department of Fisheries & Oceans Canada)**. 2002. Surf smelt. Canadian Science Advisory Secretariat Stock Status Report **2002/B6-09**.
18. **DFO (Department of Fisheries & Oceans Canada)**. 2002. Giant red sea cucumber. Canadian Science Advisory Secretariat Stock Status Report **2002/C6-10**.
19. **DFO (Department of Fisheries & Oceans Canada)**. 2002. West coast Vancouver Island coho. Canadian Science Advisory Secretariat Stock Status Report **2002/D6-06**.
20. **DFO (Department of Fisheries & Oceans Canada)**. 2002. Coho salmon in Georgia Basin. Canadian Science Advisory Secretariat Stock Status Report **2002/D6-07**.
21. **DFO (Department of Fisheries & Oceans Canada)**. 2002. Interior Fraser River coho salmon. Canadian Science Advisory Secretariat Stock Status Report **2002/D6-08**.
22. **DFO (Department of Fisheries & Oceans Canada)**. 2002. Sakinaw Lake sockeye salmon. Canadian Science Advisory Secretariat Stock Status Report **2002/D6-13**.
23. **Dunham, J.S., Boutillier, J.A., Rutherford, D.T., and Fong, K.H.** 2002. Biological decision rules for the assessment and management of directed fisheries on *Pandalus hypsinotus*, humpback shrimp. Canadian Science Advisory Secretariat Research Document **2002/127**.
24. **Fargo, J.** 2002. Proceedings of the PSARC groundfish subcommittee meeting; November 12-14, 2002. Canadian Science Advisory Secretariat Proceedings **2002/027**.
25. **Haigh, R., Schnute, J.T., Lacko, L.C., Eros, C., Workman, G.D., and Ackerman, B.** 2002. At-sea observer coverage for catch monitoring of British Columbia hook and line fisheries. Canadian Science Advisory Secretariat Research Document **2002/108**.
26. **Hay, D.E., McCarter, P.B., Joy, R., Thompson, M., and West, K.** 2002. Fraser River eulachon biomass assessments and spawning distribution: 1995-2002. Canadian Science Advisory Secretariat Research Document **2002/117**.
27. **Holtby, L.B., Finnegan, B., and Gordon, D.J.** 2002. Forecast for northern and central coastal British Columbia coho salmon in 2002. Canadian Science Advisory Secretariat Research Document **2002/062**.
28. **Holtby, L.B.** 2002. Forecast for central coast sockeye, pink and chum salmon in 2002. Canadian Science Advisory Secretariat Research Document **2002/069**.
29. **Jagiello, T., and Sinclair, AF.** 2002. Proceedings of the joint Canada-USA review group on the stock assessment of coastal Pacific hake/whiting stock off the west coast of North America; February 20-22, 2002. Canadian Science Advisory Secretariat Proceedings **2002/002**.
30. **Jamieson, G., Scrosati, R., Schwarz, C., Levings, C.D., and Smiley, B.D.** 2002. Review of data quality and sampling protocols of the Shorekeepers' Guide. Canadian Science Advisory Secretariat Research Document **2002/121**.

31. **Jamieson, G.,** and Chew, L. 2002. Hexactinellid sponge reefs: Areas of interest as marine protected areas in the north and central coast areas. Canadian Science Advisory Secretariat Research Document **2002/122**.
32. **King, J.** 2002. Proceedings of the PSARC pelagic subcommittee meeting; September 4-6, 2002. Canadian Science Advisory Secretariat Proceedings **2002/010**.
33. **King, J.** 2002. Proceedings of the pelagic subcommittee meeting; November 19-20, 2002. Canadian Science Advisory Secretariat Proceedings **2002/028**.
34. **Kronlund, A.R., Wyeth, M.R.,** and Hilborn, R. 2002. Review of survey, commercial fishery and tagging data for sablefish (*Anoplopoma fimbria*) in British Columbia (Supplement to the November 2001 sablefish stock assessment). Canadian Science Advisory Secretariat Research Document **2002/074**.
35. **Lane, E.D., Wulff, W., McDiarmid, A.N., Hay, D.E.,** and Rusch, B. 2002. A review of the biology and fishery of the embiotocids of British Columbia. Canadian Science Advisory Secretariat Research Document **2002/123**.
36. **Lessard, J., Campbell, A.,** and **Hajas, W.C.** 2002. Survey protocol for the removal of allowable numbers of northern abalone, *Haliotis kamtschatkana*, for use as broodstock in aquaculture in British Columbia. Canadian Science Advisory Secretariat Research Document **2002/126**.
37. **Levings, C.D., Helfield, J.M., Stucchi, D.J.,** and **Sutherland, T.F.** 2002. A perspective on the use of performance based standards to assist in fish habitat management on the seafloor near salmon net pen operations in British Columbia Canadian Science Advisory Secretariat Research Document **2002/075**.
38. **Murray, C.,** and **Wood, C.C.** 2002. Status of Sakinaw Lake sockeye salmon (*Oncorhynchus nerka*). Canadian Science Advisory Secretariat Research Document **2002/088**.
39. **Parken, C.K., Irvine, J.R., Bailey, R.E.,** and Williams, I.V. 2002. Habitat-based methods to estimate spawner capacity for Chinook salmon in the Fraser River watershed. Canadian Science Advisory Secretariat Research Document **2002/114**.
40. **Pringle, J.D.** 2002. Proceedings of the PSARC habitat subcommittee meeting; March 4-5, 2002. Canadian Science Advisory Secretariat Proceedings **2002/006**.
41. **Riddell, B.E., Luedke, W., Till, J., Taylor, S.,** and **Tompkins, A.** 2002. Review of 2001 Chinook returns to the west coast Vancouver Island, forecast of the 2002 return to the Stamp River / Robertson Creek Hatchery indicator stock, and outlook for other WCVI Chinook stocks. Canadian Science Advisory Secretariat Research Document **2002/119**.
42. **Schubert, N.D., Beacham, T.D., Cass, A., Cone, T.E., Fanos, B.P., Foy, M., Gable, J.H., Grout, J.A., Hume, J.M.B., Johnson, M., Morton, K.F., Shortreed, K.S., Staley, M.J.,** and **Withler, R.E.** 2002. Status of Cultus Lake sockeye salmon (*Oncorhynchus nerka*). Canadian Science Advisory Secretariat Research Document **2002/064**.
43. **Schweigert, J.** 2002. Stock assessment for British Columbia herring in 2002 and forecasts of the potential catch in 2003. Canadian Science Advisory Secretariat Research Document **2002/110**.

44. **Simpson, K.M., Dobson, D., Lemke, S.L., Sweeting, R., Tanasichuk, R.W., and Baillie, S.** 2002. Forecast for southern British Columbia coho salmon in 2002. Canadian Science Advisory Secretariat Research Document **2002/094**.
45. **Sinclair, A.F., and Workman, G.D.** 2002. A review of Pacific cod (*Gadus macrocephalus*) monitoring surveys in Hecate Strait, March - July 2002. Canadian Science Advisory Secretariat Research Document **2002/130**.
46. **Stanley, R.D., and Olsen, N.** 2002. Update assessment of silvergray rockfish (*Sebastes brevispinis*). Canadian Science Advisory Secretariat Research Document **2002/128**.
47. **Starr, P.J., Sinclair, A.S., and Boutillier, J.A.** 2002. West coast Vancouver Island Pacific cod assessment: 2002. Canadian Science Advisory Secretariat Research Document **2002/113**.
48. **Tanasichuk, R.W.** 2002. An evaluation of a recruitment forecasting procedure for Strait of Georgia herring. Canadian Science Advisory Secretariat Research Document **2002/106**.
49. **Tanasichuk, R.W.** 2002. Proceedings of the PSARC salmon subcommittee meeting, October 23, 2002. Canadian Science Advisory Secretariat Proceedings **2002/025**.
50. **Tanasichuk, R.W.** 2002. Proceedings of the PSARC salmon subcommittee meeting; March 5-7, 2002. Canadian Science Advisory Secretariat Proceedings **2002/005**.
51. **Tanasichuk, R.W.** 2002. Proceedings of the PSARC salmon subcommittee meeting; May 13-14, 2002. Canadian Science Advisory Secretariat Proceedings **2002/013**.
52. **Therriault, T.W., McDiarmid, A.N., Wulff, W., and Hay, D.E.** 2002. Review of northern anchovy (*Engraulis mordax*) biology and fisheries, with suggested management options for British Columbia. Canadian Science Advisory Secretariat Research Document **2002/112**.
53. **Therriault, T.W., McDiarmid, A.N., Wulff, W., and Hay, D.E.** 2002. Review of surf smelt (*Hypomesus pretiosus*) biology and fisheries, with suggested management options for British Columbia. Canadian Science Advisory Secretariat Research Document **2002/115**.
54. **Walters, L.C., and Gillespie, G.E.** 2002. A review of the biology of opal squid (*Loligo opalescens* Berry), and of selected loliginid squid fisheries. Canadian Science Advisory Secretariat Research Document **2002/131**.
55. **Ware, D.M., and Schweigert, J.** 2002. Metapopulation dynamics of British Columbia herring during cool and warm climate regimes. Canadian Science Advisory Secretariat Research Document **2002/107**.
56. **West, K.** 2002. Proceedings of the PSARC invertebrate subcommittee meeting; November 25-28, 2002. Canadian Science Advisory Secretariat Proceedings **2002/030**.
57. **Zhang, Z., Hajas, W.C., Phillips, A.C., and Boutillier, J.A.** 2002. Evaluation of an intensive fishery on dungeness crab, *Cancer magister*, in Fraser Delta, British Columbia. Canadian Science Advisory Secretariat Research Document **2002/118**.

2003 CSAS Publications for the Pacific Region (not including IOS)

1. **Antcliffe, B.** 2003. Proceedings of the PSARC habitat subcommittee meeting; September 11, 2003. Canadian Science Advisory Secretariat Proceedings **2003/028**.
2. **Boutillier, J.A.** 2003. Proceedings of the PSARC invertebrate subcommittee meeting; November 21, 2003. Canadian Science Advisory Secretariat Proceedings **2003/034**.
3. Cox, S.P., **Sawada, J.**, and **de la Mare, W.K.** 2003. In-season forecasting of north coast coho salmon marine survival: a decision-analytic method and retrospective analysis. Canadian Science Advisory Secretariat Research Document **2003/063**.
4. **DFO (Department of Fisheries & Oceans Canada)** 2003 Pacific hake (offshore). Canadian Science Advisory Secretariat Stock Status Report **2003/032**.
5. **DFO (Department of Fisheries & Oceans Canada)**. 2003. Sablefish. Canadian Science Advisory Secretariat Stock Status Report **2003/031**.
6. **DFO (Department of Fisheries & Oceans Canada)**. 2003. Cultus Lake sockeye salmon. Canadian Science Advisory Secretariat Stock Status Report **2003/024**.
7. **DFO (Department of Fisheries & Oceans Canada)**. 2003. Skeena River sockeye salmon. Canadian Science Advisory Secretariat Stock Status Report **2003/047**.
8. **DFO (Department of Fisheries & Oceans Canada)**. 2003. Steller sea lion (*Eumetopias jubatus*). Canadian Science Advisory Secretariat Stock Status Report **2003/037**.
9. **DFO (Department of Fisheries & Oceans Canada)**. 2003. Green sea urchin. Canadian Science Advisory Secretariat Stock Status Report **2003/039**.
10. **Fargo, J.** 2003. Proceedings of the PSARC groundfish subcommittee meeting; January 14-15, 2003. Canadian Science Advisory Secretariat Proceedings **2003/002**.
11. **Fargo, J.**, and **Romaine, S.** 2003. Proceedings of the PSARC groundfish subcommittee meeting; May 20, 2003. Canadian Science Advisory Secretariat Proceedings **2003/017**.
12. **Hay, D.E.**, **West, K.**, and **Anderson, A.D.** 2003. Indicators and 'response' points for management of Fraser River eulachon: a comparison and discussion with recommendations. Canadian Science Advisory Secretariat Research Document **2003/051**.
13. **Hay, D.E.**, **Schweigert, J.F.**, **Thompson, M.**, **Haegele, C.W.**, and **Midgley, P.** 2003. Analyses of juvenile surveys for recruitment prediction in the Strait of Georgia. Canadian Science Advisory Secretariat Research Document **2003/107**.
14. **Hyatt, K.D.**, **Luedke, W.**, **Rankin, D.P.**, **Till, J.**, and **Lewis, D.B.** 2003. Review of the year 2002 return of Barkley Sound sockeye salmon and forecasts for 2003. Canadian Science Advisory Secretariat Research Document **2003/033**.
15. **Jamieson, G.**, **Bauer, B.**, and **Vandermeulen, H.** 2003. Proceedings of the central coast integrated management marine environmental quality workshop; June 5-7, 2002. Canadian Science Advisory Secretariat Proceedings **2003/013**.
16. **Jamieson, G.** 2003. Proceedings of the DFO Pacific region critical habitat workshop; 26-28 March 2003. Canadian Science Advisory Secretariat Proceedings **2003/010**.

17. **King, J.** 2003. Proceedings of the PSARC pelagic subcommittee meeting; September 3, 2003. Canadian Science Advisory Secretariat Proceedings **2003/026**.
18. **King, J.** 2003. Proceedings of the PSARC pelagic subcommittee meeting; Feb 5, 2003. Canadian Science Advisory Secretariat Proceedings **2003/001**.
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ADDRESS OF FACILITIES

Fisheries and Oceans Canada
Pacific Biological Station
3190 Hammond Bay Road
Nanaimo BC V9T 6N7

Fisheries and Oceans Canada
West Vancouver Laboratory
4160 Marine Drive
West Vancouver BC V7V 1N6

Fisheries and Oceans Canada
Cultus Lake Laboratory
4222 Columbia Valley Highway
Cultus Lake BC V2R 5B6

Fisheries and Oceans Canada
Simon Fraser University
Burnaby BC V5A 1S6

Fisheries and Oceans Canada
3225 Stephenson Point Road
Nanaimo BC V9T 1K3

Fisheries and Oceans Canada
100 Annacis Parkway
Delta BC V3M 6A2

Fisheries and Oceans Canada
200–401 Burrard Street
Vancouver BC V6C 3S4

Fisheries and Oceans Canada
985 McGill Place
Kamloops BC V2C 6X6

Fisheries and Oceans Canada
417–2nd Avenue West
Prince Rupert BC V8J 1G8

Fisheries and Oceans Canada
419 Range Road
Whitehorse YT Y1A 3V1