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)


Columbia characterises the dynamic nature of regimes. Progress in Oceanography 49(1-4):151-165.


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


2003 Publications in Refereed Journals for the Pacific Region (not including IOS)


65. **Withler, R.E., Campbell, A., Li, S.R., Brouwer, D., Supernault, K.J., and Miller, K.M.** 2003. Implications of high levels of genetic diversity and weak population structure
2004 Publications in Refereed Journals for the Pacific Region (not including IOS)


practical workshop: objectives, overview of the study area, and projects conducted by the participants. Marine Environmental Research 57(1-2):3-18.


75. **Sweeting, R.M., Beamish, R.J., and Neville, C.M. 2004.** Crystalline otoliths in teleosts: Comparisons between hatchery and wild coho salmon (*Oncorhynchus kisutch*) in the Strait of Georgia. *Reviews in Fish Biology and Fisheries* 14(3): 361-369.


2005 Publications in Refereed Journals for the Pacific Region (not including IOS)


and energetic assessments with telemetry to understand inter-individual variation in behaviour and survivorship of fish: development and validation of a technique. Journal of Fish Biology 67(5):1342-1358.


2006 Publications in Refereed Journals for the Pacific Region (not including IOS)


60. Uh, M., Khattra, J., and Devlin, R.H. 2006. Transgene constructs in coho salmon (Oncorhynchus kisutch) are repeated in a head-to-tail fashion and can be integrated adjacent to horizontally-transmitted parasite DNA. Transgenic Research 15(6):711-727.


and Biochemical Zoology 79(5): 885-898.


2007 Publications in Refereed Journals for the Pacific Region (not including IOS)


61. Sutherland, T.F., Galloway, J., Loschiavo, R., Levings, C.D., and Hare, R. 2007. Calibration techniques and sampling resolution requirements for groundtruthing...
multibeam acoustic backscatter (EM3000) and QTC VIEW classification technology. Estuarine, Coastal and Shelf Science 75(4):447-458.


2008 Publications in Refereed Journals for the Pacific Region (not including IOS)


Scientific evidence fails to support the extinction hypothesis. Reviews in Fisheries Science 16(4):403-412.


50. Lohmus, M., Raven, P.A., Sundstrom, L.F., and Devlin, R.H. 2008. Disruption of seasonality in growth hormone-transgenic coho salmon (Oncorhynchus kisutch) and the


adult Loggerhead Turtles (Caretta caretta) under simulated predatory attack: Do the sexes differ? Journal of Herpetology 42(2):411-413.


2009 Publications in Refereed Journals for the Pacific Region (not including IOS)


effects of a sub-chronic exposure to selected current-use pesticides in rainbow trout (Oncorhynchus mykiss). Aquatic Toxicology 92(2):95-103.


2010 Publications in Refereed Journals for the Pacific Region (not including IOS)


60. Löhmus, M., Sundström, L.F., Björklund, M. and Devlin, R.H. 2010. Genotype-


72. Miller, K., Charles, A., Barange, M., Brander, K., Gallucci, V.F., Gasalla, M.A., Khan, A., Munro, G., Murtugudde, R., Ommer, R.E., and Perry, R.I. 2010. Climate change,


85. Phillips, R.B., and Devlin, R.H. 2010. Integration of growth hormone gene constructs in transgenic strains of coho salmon (Oncorhynchus kisutch) at centromeric or telomeric


95. Skinner, L.A., Schulte, P.M., Balfry, S.K., McKinley, R.S., and LaPatra, S.E. 2010. The association between metabolic rate, immune parameters, and growth performance of rainbow trout, Oncorhynchus mykiss (Walbaum), following the injection of a DNA vaccine alone and concurrently with a polyvalent, oil-adjuvanted vaccine. Fish and Shellfish Immunology 28(2):387-393.


2011 Publications in Refereed Journals for the Pacific Region (not including IOS)


72

Environmental Toxicology and Chemistry 30(10):2184-2193.


73


71. Martins, E.G., Hinch, S.G., Patterson, D.A., Hague, M.J., Cooke, S.J., Miller, K.M.,


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


12. **Benham, C.E., Supernault, K.J., and Burton, R.S.** 2012. Genetic assessment of the population connectivity of the red urchin (*Strongylocentrotus franciscanus*). Journal of


24. Cleary, J.S., **Bradford, M.J.**, and Janz, D.M. 2012. Seasonal and spatial variation in lipid and triacylglycerol levels in juvenile Chinook salmon (*Oncorhynchus tshawytscha*) from
the Bridge River, British Columbia. Limnologica **42**(2):144-150.


2012. Ultrasonic whistles of killer whales (*Orcinus orca*) recorded in the North Pacific. 

Schlei, O.L., and Wenburg, J.K. 2012. Comparison of radiotelemetry and microsatellites 
for determining the origin of Yukon River Chinook salmon. North American Journal of 

endocrine changes in maturing wild sockeye salmon, *Oncorhynchus nerka*, during ocean 
and river migration. Journal of Comparative Physiology B: Biochemical, Systemic, and 
Environmental Physiology **182**(1):77-90.

40. Foreman, M.G.G., Stucchi, D.J., Garver, K.A., Tuele, D., Isaac, J., Grime, T., Guo, M.,

**337**(6100):1313 DOI: 10.1126/science.1224198.

42. Fu, C.H., Gaichas, S., Link, J.S., Bundy, A., Boldt, J.L., Cook, A.M., Gamble, R., Utne, 
and environmental drivers in a series of marine ecosystems. Marine Ecology Progress 
Series **459**:169-184.

43. Gaichas, S., Gamble, R., Fogarty, M., Benoit, H., Essington, T., Fu, C.H., Koen-Alonso, 
M., and Link, J. 2012. Assembly rules for aggregate-species production models: 
simulations in support of management strategy evaluation. Marine Ecology Progress 
Series **459**:275-292.

Molecular phylogeny of *Gyrodactylus* (Monogenea) parasitizing fishes in fresh water, 

ecologically and biologically significant areas in the world’s oceans. Marine Policy 
**36**(3):716-726.

Development of genomic resources and tools for health assessment of marine mussels 

47. Gutierrez, A.P., Lubieniecki, K.P., Davidson, E.A., Lien, S., Kent, M.P., Fukui, S., 
Withler, R.E., Swift, B., and Davidson, W.S. 2012. Genetic mapping of quantitative trait 
loci (QTL) for body-weight in Atlantic salmon (*Salmo salar*) using a 6.5 K SNP array. 
Aquaculture **358**:61-70.

Hinch, S.G., and Miller, K.M. 2012. Comparison of techniques for correlating survival 
and gene expression data from wild salmon. Ecology of Freshwater Fish **21**(2):189-199.


85


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


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.


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.


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


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


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


2004 Books, Book Chapters and Proceedings for the Pacific Region (not including IOS)


herring bioenergetics. Pages 21-30 in: M.J. Kishi (Editor), PICES-GLOBEC International Program on Climate Change and Carrying Capacity. PICES Scientific Report 27.
2005 Books, Book Chapters and Proceedings for the Pacific Region (not including IOS)


2006 Books, Book Chapters and Proceedings for the Pacific Region (not including IOS)


Vichy, France 1980.
2007 Books, Book Chapters and Proceedings for the Pacific Region (not including IOS)


Symposium 57, Bethesda, MD.


2008 Books, Book Chapters and Proceedings for the Pacific Region (not including IOS)


2009 Books, Book Chapters and Proceedings for the Pacific Region (not including IOS)


Dogfish Sharks. American Fisheries Society, Bethesda, MD.


2010 Books, Book Chapters and Proceedings for the Pacific Region (not including IOS)


2011 Books, Book Chapters and Proceedings for the Pacific Region (not including IOS)


2012 Books, Book Chapters and Proceedings for the Pacific Region (not including IOS)


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

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)


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


34. **Patterson, D.P., E. MacIsaac, and H. Herunter.** 2003. Macroinvertebrate sampling and preliminary results from 56 streams in the Baptiste study. Pages XX in: E.A. MacIsaac (Editor), Forestry impacts on fish habitat in the northern interior of British Columbia: A compendium of research from the Stuart-Takla Fish/Forestry Interaction Study. Canadian Technical Report of Fisheries and Aquatic Sciences 2509.


2004 Secondary Publications for the Pacific Region (not including IOS)


2005 Secondary Publications for the Pacific Region (not including IOS)


2006 Secondary Publications for the Pacific Region (not including IOS)


34. Richoux, N.B., Levings, C.D., Lu, L. and Piercey, G.E. 2006. Preliminary survey of indigenous, non-indigenous and cryptogenic benthic invertebrates in Burrard Inlet,


39. Patterson, D. A., J. S. Macdonald, K.M. Skibo, D. Barnes, I. Guthrie, and J. Hills. 2007. Reconstructing the summer thermal history for the lower Fraser River, 1941 to 2006, and


2008 Secondary Publications for the Pacific Region (not including IOS)


2009 Secondary Publications for the Pacific Region (not including IOS)


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


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


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


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


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
2008 – 10
2009 – 13
2010 – 13
2011 – 9
2012 – 23
2012 – 20
TOTAL 238
2001 Secondary Publications for the Pacific Region (not including IOS)


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


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


2004 Secondary Publications for the Pacific Region (not including IOS)


41. **Traxler, G.** 2004. Lack of pathogenicity of infectious hematopoietic necrosis (IHN) and viral hemorrhagic septicemia (VHS) viruses to sablefish (*Anoplopoma fimbria*). Aquaculture Update 91:3p.


2005 Secondary Publications for the Pacific Region (not including IOS)


2006 Secondary Publications for the Pacific Region (not including IOS)


2007 Secondary Publications for the Pacific Region (not including IOS)


2008 Secondary Publications for the Pacific Region (not including IOS)


2009 Secondary Publications for the Pacific Region (not including IOS)


2010 Secondary Publications for the Pacific Region


13. Working Group on Salmon Tagging, Committee on Scientific Research and Statistics. 2010. 2009 reported recoveries of high-seas tags and tag releases in 2010 from high-seas
2011 Secondary Publications for the Pacific Region (not including IOS)


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


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


Part 3: Scientific Reports published by Canadian Science Advisory Secretariat (CSAS)

From

Pacific Biological Station and related staff

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)


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


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


2004 CSAS Publications for the Pacific Region (not including IOS)


2005 CSAS Publications for the Pacific Region (not including IOS)


2006 CSAS Publications for the Pacific Region (not including IOS)


2007 CSAS Publications for the Pacific Region (not including IOS)


2008 CSAS Publications for the Pacific Region (not including IOS)


2. Bradford, M.J., Tovey, C., and Herborg, L.-M. 2008. Biological risk assessment for northern pike (Esox lucius), pumpkinseed (Lepomis gibbosus), and walleye (Sander vitreus) in British Columbia Canadian Science Advisory Secretariat Research Document 2008/074.


2009 CSAS Publications for the Pacific Region (not including IOS)


26. **DFO (Department of Fisheries & Oceans Canada).** 2009. Proceedings of the Pacific Scientific Advice Review Committee (PSARC) Groundfish subcommittee meeting to review pre-COSEWIC assessments of darkblotched and yellowmouth rockfish, advice for sablefish management in 2009-2010 and a recovery potential assessment of canary


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


52. **Grant, A.A.M., and Jones, S.R.M.***. 2010. Pathway of effects between wild and farmed finfish and shellfish in Canada: Potential factors and interactions impacting the bi-


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


27. DFO (Department of Fisheries & Oceans Canada). 2011. Assessment of the fate of emamectin benzoate, the active ingredient in SLICE®, near aquaculture facilities in


44. DFO (Department of Fisheries & Oceans Canada). 2011. Proceedings of the Pacific region science advisory process for outside stocks of lingcod (Ophiodon elongatus) and the inside population of yelloweye rockfish (Sebastes ruberrimus) in British Columbia, Canada, April 7-8, 2011. Canadian Science Advisory Secretariat Proceedings 2011/070.


48. DFO (Department of Fisheries & Oceans Canada). 2011. Proceedings of the Pacific region science advisory process on Pacific ocean perch in Queen Charlotte Sound, British


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


20. **DFO (Department of Fisheries & Oceans Canada).** 2012. Review of downstream spatial boundaries for fish and fish habitat assessment areas, Site C hydroelectric project. Canadian Science Advice Secretariat Science Response 2012/017.


32. **DFO (Department of Fisheries & Oceans Canada)**. 2012. Sufficiency review of the draft lake productivity information submitted in relation to the new prosperity gold-copper mine project. Canadian Science Advice Secretariat Science Response 2012/039.

33. **DFO (Department of Fisheries & Oceans Canada)**. 2012. Sufficiency review of lake productivity information contained in the environmental impact statement for the new prosperity gold-copper mine project. Canadian Science Advice Secretariat Science Response 2012/040.

34. **DFO (Department of Fisheries & Oceans Canada)**. 2012. Probability of spot prawn (*Pandalus platyceros*) stocks in fall survey areas in British Columbia being below spawner index reference points during the spawning period. Canadian Science Advice Secretariat Science Response 2012/041.


36. **DFO (Department of Fisheries & Oceans Canada)**. 2012. Regional peer review process on a risk-based assessment framework to identify priorities for ecosystem-based


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


15. **DFO (Department of Fisheries & Oceans Canada).** 2013. Technical review of the proposed water recirculation scheme of the New Prosperity gold-copper mine project on predicted effects on fish and fish habitat of the fish lake watershed. Canadian Science Advisory Secretariat Science Response 2013/019.


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