

Rockfish Listing References

- Beaudreau, A.H. and T.E. Essington. 2007. Spatial, temporal, and ontogenetic patterns of predation on rockfishes by lingcod. *Transactions of the American Fisheries Society* 136: 1438-1452.
- Berkeley, S.A., C. Chapman, and S.M. Sogard. 2004. Maternal age as a determinant of larval growth and survival in a marine fish, *Sebastes melanops*. *Ecology* 85: 1258-1264.
- Bobko, S. J., and S. A. Berkeley. 2004. Maturity, ovarian cycle, fecundity, and age-specific parturition of black rockfish, (*Sebastes melanops*). *Fishery Bulletin, U.S.* 102:418-429.
- Buckley, R. M. 1997. Substrate associated recruitment of juvenile *Sebastes* in artificial reef and natural habitats in Puget Sound and the San Juan Archipelago, Washington. Wash. Dept. Fish and Wildlife Technical Report No. RAD97-06, 320.
- Broadhurst, G. 1998. Puget Sound Nearshore Habitat Regulatory Perspective: A Review of Issues and Obstacles. Puget Sound/Georgia Basin International Task Force Work Group on Nearshore Habitat Loss for Coastal Training Program by Elliott Menashe, Greenbelt Consulting. 2004.
- Butler, J., A. DeVogelaere, R. Gustafson, C. Mobley, M. Neuman, D. Richards, S. Rumsey, B. Taylor, G. VanBlaricom. 2008. Status review report for black abalone (*Haliotis cracherodii* Leach, 1814), DRAFT – 4 January 2008. NOAA Tech. Memo. NMFS-SWR-##. Online at http://swr.nmfs.noaa.gov/media/BASR_Report_Draft_11_January_2008.pdf [accessed July 2008].
- Carr, M.H. 1983. Spatial and temporal patterns of recruitment of young of the year rockfishes (genus *Sebastes*) into a central California kelp Forest. Masters thesis, San Francisco State University, CA 94132, 104p).
- Collier, T.K., O'Neil, S.M., West, J.E., and N.L. Scholz. 2007. Toxic chemical contaminants in Puget Sound. Proceedings of the Georgia Basin Puget Sound research conference. Available at: <http://www.engr.washington.edu/epp/psgb/2007psgb/2007proceedings/>
- Cornwall, W. and J. Mayo. 2008. Beaches suffer as walls go up. *Seattle Times*. Printed May 13, 2008.
- Courchamp, F., L. Berec, and J. Gascoigne. 2008. *Allee Effects in Ecology and Conservation*. Oxford: Oxford University Press, 2008.
- Doney, S.C., Balch, W.M., Fabry, V.J., and R.A. Feely. 2009. Ocean acidification: a critical emerging problem for the ocean sciences. *Oceanography* Vol. 22, No. 4.
- Drake, J. and nine co-authors. 2008. Preliminary Scientific Conclusions of the Review of the Status of 5 Species of Rockfish: Bocaccio (*Sebastes paucispinis*), Canary Rockfish (*Sebastes pinniger*), Yelloweye Rockfish (*Sebastes ruberrimus*), Greenstriped Rockfish (*Sebastes*

elongatus) and Redstripe Rockfish (*Sebastes proriger*) in Puget Sound, Washington National Marine Fisheries Service, Northwest Fisheries Science Center. Seattle, WA. 209p.

Drake, J. and nine co-authors. 2010. Scientific Conclusions of the Review of the Status of 5 Species of Rockfish: Bocaccio (*Sebastes paucispinis*), Canary Rockfish (*Sebastes pinniger*), Yelloweye Rockfish (*Sebastes ruberrimus*), Greenstriped Rockfish (*Sebastes elongatus*) and Redstripe Rockfish (*Sebastes proriger*) in Puget Sound, Washington National Marine Fisheries Service, Northwest Fisheries Science Center. Seattle, WA. 225p

Dugan, J.E., Hubbard, D.M., McCrary, M.D. and M.O. Pierson. 2003. The response of macrofauna communities and shorebirds to macrophyte wrack subsidies on exposed sandy beaches of southern California. *Estuarine, Coastal and Shelf Science* 58S (2003) 25–40.

Eisenhardt, E. 2001. Effect of the San Juan Islands Marine Preserves on demographic patterns of nearshore rocky reef fish. Master of Science Thesis, University of Washington, Seattle. 171 p.

Eisenhardt, E. 2002. A marine preserve network in San Juan Channel: Is it working for nearshore rocky reef fish? In: Puget Sound Research 2001. Puget Sound Action Team, Olympia, WA.

Field, J. C. and S. Ralston. 2005. Spatial variability in rockfish (*Sebastes* spp.) recruitment events in the California Current System. *Canadian Journal of Fisheries and Aquatic Sciences* 62:2199-2210.

Field, J.C., E.J. Dick, D. Pearson, and A.D. MacCall. 2009. Status of bocaccio, *Sebastes paucispinis*, in the Conception, Monterey and Eureka INPFC areas for 2009. Post-STAR Panel, pre-SSC review draft. (Disclaimer on document: This information is distributed solely for the purpose of pre-dissemination peer review under applicable information quality guidelines. It has not been formally disseminated by NOAA Fisheries. It does not represent and should not be construed to represent any agency determination or policy).

Fisher, R., S.M. Sogard, and S.A. Berkeley. 2007. Trade-offs between size and energy reserves reflect alternative strategies for optimizing larval survival potential in rockfish. *Marine Ecology Progress Series* 344: 257-270.

Garrison, K.J., and B.S. Miller. 1982. Review of the early life history of Puget Sound fishes. Fisheries Research Institute, University of Washington. Report FRI-UW-8216. 729p.

Good, T.P., R.S. Waples, and P. Adams (eds.). 2005. Updated status of Federally listed ESUs of West Coast salmon and steelhead. U.S. Dept. of Commerce, NOAA Tech. Memo., NMFS-NWFSC-66, 598 p.

Grossman, E.E., Finlayson, D., George, D., and Hood, W.G. (In Review). Shallow stratigraphy of the Skagit River Delta, Washington, USA: Record of Nearshore Habitat Transformation Associated with River-Delta Channelization, for submission to GSA Bulletin.

- Gustafson R.G., W.H. Lenarz, B.B. McCain, C.C. Schmitt, W.S. Grant, T.L. Builder, and R.D. Methot. 2000. Status review of Pacific hake, Pacific cod, and walleye pollock from Puget Sound, Washington. U.S. Dept. Commerce, NOAA Tech. Memo. NMFS-NWFSC-44.
- Gustafson R.G., J. Drake, M.J. Ford, J.M. Myers, E.E. Holmes, and R.S. Waples. 2006. Status review of Cherry Point Pacific herring (*Clupea pallasii*) and updated status review of the Georgia Basin Pacific herring distinct population segment under the Endangered Species Act. U.S. Dept. Commerce, NOAA Tech. Memo. NMFS-NWFSC-76, 182 p.
- Halderson, L. and L.J. Richards. 1987. Habitat use and young of the year copper rockfish () in British Columbia. In Proc. In. Rockfish Symp., Anchorage, Alaska, p. 129-141. Alaska Sea grant Rep. 87-2, Fairbanks 99701.
- Hard, J. J., J.M. Myers, M.J. Ford, R.G. Cope, G.R. Pess, R.S. Waples, G. A. Winans, B.A. Berejikian, F.W. Waknitz, P.B. Adams, P.A. Bisson, D. E. Campton, and R.R. Reisenbichler. 2007. Status review of Puget Sound steelhead (*Oncorhynchus mykiss*). U.S. Dept. Commerce, NOAA Tech. Memo. NMFS-NWFSC-81, 117 p.
- Harvey, C.J., N. Tolimieri, and P.S. Levin. 2006. Changes in body size, abundance, and energy allocation in rockfish assemblages of the Northeast Pacific. *Ecological Applications* 16:1502-1515.
- Hayden-Spear, J. 2006. Nearshore habitat associations of young-of-year copper (*Sebastes caurinus*) and quillback (*S. maliger*) rockfish in the San Juan Channel, Washington.
- Hsieh, C.H., C.S. Reiss, J.R. Hunter, J.R. Beddington, R.M. May, and G. Sugihara. 2006. Fishing elevates variability in the abundance of exploited species. *Nature* 443:859-862
- Jeffries, S.J., P.J. Gearin, H.R. Huber, D.L. Saul, and D.A. Pruett. 2000. Atlas of seal and sea lion haul out sites in Washington. Washington Department of Fish and Wildlife, Wildlife Science Division, Olympia. 139 pp.
- Jeffries, S., H. Huber, J. Calambokidis, and J. Laake. 2003. Trends and status of harbor seals in Washington State: 1978-1999. *Journal of Wildlife Management* 67:207-218.
- Krahn, M. M., P. R. Wade, S. T. Kalinowski, M.E. Dahlheim, B.L. Taylor, M.B. Hanson, G.M. Ylitalo, R.P. Angliss, J.E. Stein, R.S. Waples. 2002. Status Review of Southern Resident Killer Whales (*Orcinus orca*) under the Endangered Species Act. U.S. Dept. of Commerce, NOAA Tech. Memo., NMFS-NWFSC-54, 133 p.
- Krahn, M.M., M.J. Ford, W.F. Perrin, P.R. Wade, R.P. Angliss, M.B. Hanson, B.L. Taylor, G.M. Ylitalo, M.E. Dahlheim, J.E. Stein, and R.S. Waples. 2004. 2004 Status review of Southern Resident killer whales (*Orcinus orca*) under the Endangered Species Act. U.S. Dept. Commer., NOAA Tech. Memo. NMFSNWFSC-62, 73 p.
- Lance, M.M. and S.J. Jeffries. 2007. Temporal and spatial variability of harbor seal diet in the San Juan archipelago. Contract Report. Washington Department of Fish and Wildlife.

Landahl, J.T., L.L. Johnson, J.E. Stein, T.K. Collier, and U. Varanasi. 1997. Approaches for Determining Effects of Pollution on Fish Populations of Puget Sound. *Transactions of the American Fisheries Society* 126: 519-535.

Larson, R. J. 1980. Competition, Habitat Selection, and the Bathymetric Segregation of 2 Rockfish (*Sebastes*) Species. *Ecological Monographs* 50: 221-239.

Levin, P.S., J.A. Coyer, R. Petrik, and T.P. Good. 2002. Community-wide effects of nonindigenous species on temperate reefs. *Ecology* 83: 3182-3193.

London, J.M., M.M. Lance, and S. Jeffries. 2001. Observations of harbor seal predation on Hood Canal salmonids from 1998 to 2000. Washington Department of Fish and Wildlife, PSMFC Contract No. 02-15. Final Report on Studies of Expanding Pinniped Populations to NOAA, Olympia.

Longhurst, A. 2002. Murphy's law revisited: longevity as a factor in recruitment to fish populations. *Fisheries Research* 56: 125-131.

Love, M.S., M. Carr, and L. Haldorson. 1991. The ecology of substrate-associated juveniles of the genus *Sebastes*. *Env. Bio. Fish.* 30:225-243

Love, M.S., M.M. Yoklavich, and L. Thorsteinson. 2002. The rockfishes of the Northeast Pacific. University of California Press, Berkeley, California.

MacCall, A.D. 2008. Status of bocaccio off California in 2007. Pacific Fishery Management Council 7700 NE Ambassador Place, Suite 101, Portland, OR 97220-1384, Portland, OR, 67p.

Marteinsdottir, G., and K. Thorarinsson. 1998. Improving the stock-recruitment relationship in Icelandic cod (*Gadus morhua*) by including age diversity of spawners. *Canadian Journal of Fisheries and Aquatic Sciences* 55: 1372-1377.

Mason, J.E. 1998. Declining rockfish lengths in the Monterey Bay, California, recreational fishery, 1959-94. *Marine Fisheries Review* 60:15-28.

Matthews, K.R. 1989. A comparative study of habitat use by young-of-the year, subadult, and adult rockfishes on four habitat types in Central Puget Sound. *Fishery Bulletin, U.S.* 88-223-239.

McElhany, P., M. H. Ruckelshaus, M.J. Ford, T.C. Wainwright, and E.P. Bjorkstedt. 2000. Viable salmonid populations and the recovery of evolutionarily significant units. U. S. Dept. Commerce NMFS-NWFSC-42. Online at http://www.nwfsc.noaa.gov/assets/25/5561_06162004_143739_tm42.pdf.

Miller, B.S., and S.F. Borton. 1980. Geographical distribution of Puget Sound fishes: Maps and data source sheets. University of Washington Fisheries Research Institute, 3 vols.

- Moser, H.G., R. L. Charter, W. Watson, D.A. Ambrose, J.L. Butler, J. Charter, and E.M. Sandknop. 2000. Abundance and distribution of rockfish (*Sebastes*) larvae in the southern California Bight in relation to environmental conditions and fishery exploitation. Calif. Coop. Oceanic Fish. Invest. Rep 41:132-147.
- Moulton, L.L. and B.S. Miller. 1987. Characterization of Puget Sound marine fishes: survey of available data. Fisheries Research Institute, School of Fisheries, University of Washington. FRI-UW 8716.
- Mumford, T.F. 2007. Kelp and eelgrass in Puget Sound. Technical Report 2007-5. Prepared in support of the Puget Sound Nearshore Partnership.
- Natural Resource Consultants (NRC). 2007. Derelict fishing gear priority ranking project. Prepared for the Northwest Straights Initiative.
- Natural Resources Consultants (NRC). 2008. Rates of marine species mortality caused by derelict fishing nets in Puget Sound, Washington. Prepared for the Northwest Straights Initiative.
- Nichol, D.G., and E. K. Pikitch. 1994. Reproduction of darkblotched rockfish off the Oregon coast. Transactions of the American Fisheries Society 123(4): 469-481.
- NMFS (National Marine Fisheries Service). 2007. Sound Science: Synthesizing ecological and socioeconomic information about the Puget Sound ecosystem. Ruckelshaus MH, McClure MM (coordinators); prepared in cooperation with the Sound Science collaborative team. U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration (NMFS), Northwest Fisheries Science Center. Seattle, Washington. 93 p.
- Olesiuk, P.F., M.A. Bigg, G.M. Ellis, S.J. Crockford, and R.J. Wigen. 1990. An assessment of the feeding habits of harbour seals (*Phoca vitulina*) in the Strait of Georgia, British Columbia, based on scat analysis. Can. Tech. Rept. Fish. Aquat. Sci. 1370.
- Palsson, W.A., and R.E. Pacunski. 1995. The response of rocky reef fishes to harvest refugia in Puget Sound. Pages 224-234, In: Puget Sound Research '95, Volume 1, Puget Sound Water Quality Authority, Olympia, WA. 1038 p.
- Palsson, W.A. 1998. Monitoring the response of rockfishes to protected areas. Pages 64-73. In: Marine Harvest Refugia for West Coast Rockfish: A Workshop, M. Yoklavich ed., NOAA Technical Memorandum NOAA-TM-NMFS-SWFSC-255, 159 p.
- Palsson, W. 2004. The development of no-take refuges for rockfishes and other rocky habitat fishes in Puget Sound. Washington State Department of Fish and Wildlife.
- Palsson, W. A., T.-S. Tsou, G.G. Barbman, R.M. Buckley, J.E. West, M.L. Mills, Y.W. Cheng, and R.E. Pacunski. 2009. The biology and assessment of rockfishes in Puget Sound. Washington Department of Fish and Wildlife, Olympia WA.

Parker, S., S. Berkeley, J. Golden, D. Gunderson, J. Heifetz, M. Hixon, R. Larson, B. Leaman, M. Love, J. Musick, V. O'Connell, S. Ralston, H. Weeks and M. Yoklavich. 2000. Management of Pacific rockfish. *Fisheries* 25: 22-29.

Parker, S.J., H.I. McElderry, P. S. Rankin, and R. W. Hannah. 2006. Buoyancy Regulation and Barotrauma in Two Species of Nearshore Rockfish. *Transactions of the American Fisheries Society* 135: 1213-1223.

Puget Sound Partnership. 2010. 2009 state of the sound. A report on ecosystem status and a performance management system to tract action agenda implementation.

Puget Sound Action Team. 2007. State of the Sound 2007. Puget Sound Action Team, Olympia, WA. Publication No. PSAT:07-01.

Rice, C.A. 2006. Effects of shoreline modification in northern Puget Sound: beach microclimate and embryo survival in summer spawning surf smelt (*Hypomesus pretiosus*). *Estuaries and Coasts* 29(1):63-71.

Secor, D.H. 2000. Longevity and resilience of Chesapeake Bay striped bass. *ICES Journal of Marine Science* 57: 808-815.

Snover, A.K., P.W. Mote, L. W. Binder, A.F. Hamlet, and N.J. Mantua. 2005. Uncertain future: climate change and its effects on Puget Sound. A report for the Puget Sound Action Team by the Climate Impacts Group (Center for Science in the Earth System, Joint Institute for the Study of the Atmosphere and Oceans, University of Washington, Seattle).

Sobal, J. and C. Dahlgren. 2004. Marine reserves; a guide to science, design, and use. Printed by Island Press, Washington DC.

Speich, S. and T.R. Wahl. 1989. Catalog of Washington marine bird colonies. *U.S. Fish Wildl. Serv. Biol. Rep.* 88(6): 1-510.

Sogard, S. M., S.A. Berkeley, and R. Fisher. 2008. Maternal effects in rockfishes *Sebastes* spp.: a comparison among species. *Marine Ecology Progress Series* 360: 227-236.

Stewart, I. J. 2007. Status of bocaccio off California in 2007. Pacific Fishery Management Council 7700 NE Ambassador Place, Suite 101, Portland, OR 97220-1384, Portland, OR, 362p.
Stout, H.A., R.G. Gustafson, W.H. Lenarz, B.B. McCain, D.M. VanDoornik, T.L. Builder, and R.D. Methot. 2001. Status review of Pacific herring in Puget Sound, Washington. U.S. Dept. Commerce. NOAA Tech. Memo. NMFS-NWFSC- 45.

Stout, H.A., R.G. Gustafson, W.H. Lenarz, B.B. McCain, D.M. VanDoornik, T.L. Builder, and R.D. Methot. 2001a. Status review of Pacific herring in Puget Sound, Washington. U.S. Dept. Commerce. NOAA Tech. Memo. NMFS-NWFSC- 45.

- Stout, H. A., B.B. McCain, R.D. Vetter, T.L. Builder, W.H. Lenarz, L.L. Johnson, and R.D. Methot. 2001b. Status review of copper rockfish (*Sebastes caurinus*), quillback rockfish (*S. maliger*), and brown rockfish (*S. auriculatus*) in Puget Sound, Washington. NOAA Technical Memorandum NMFS-NWFSC-46.
- Tolimieri, N. and P.S. Levin. 2005. The roles of fishing and climate in the population dynamics of bocaccio rockfish. *Ecological Applications* 15:458-468.
- Van Cleve, F.B., G. Bargmann, M. Culver, and the MPA Work Group. 2009. Marine Protected Areas in Washington: Recommendations of the Marine Protected Areas Work Group to the Washington State Legislature. Washington Department of Fish and Wildlife, Olympia, WA.
- Wainwright, T.C. and R.G. Kope. 1999. Short Communication: Methods of extinction risk assessment developed for U.S. West Coast salmon. *ICES J. Mar. Sci.* 56:444-448.
- Wallace, J.R. 2007. Update to the status of yelloweye rockfish (*Sebastes ruberrimus*) off the U.S. West Coast in 2007, Pacific Fishery Management Council, Portland, OR.
- Washington, P. 1977. Recreationally important marine fishes of Puget Sound, Washington. National Oceanic and Atmospheric Administration, Northwest and Alaska Fisheries Center.
- Washington State Department of Fish and Wildlife. Unpublished rockfish bycatch data, on file with the National Marine Fisheries Service, Sandpoint Way NE, Seattle, WA 98115.
- Washington State Department of Ecology (Ecology). 2010. Reports reconfirm surface runoff as leading source of toxics in Puget Sound. Water Quality Program. Available at: <http://www.ecy.wa.gov/pubs/0810097.pdf>
- West, J.E., S.M. O'Neill, G.R. Lippert, and S.R. Quinnell. 2002. Toxic contaminants in marine and anadromous fish from Puget Sound, Washington: Results from the Puget Sound Ambient Monitoring Program Fish Component, 1989-1999. Washington Department of Fish and Wildlife, FTP01-14, Olympia, WA.
- Weispfenning, A.J. 2006. Study of nearshore demersal fishes within candidate marine reserves in Skagit County Washington. Western Washington University.
- Wieland, K., A. Jarre-Teichmann, and K. Horbowa. 2000. Changes in the timing of spawning of Baltic cod: possible causes and implications for recruitment. *ICES Journal of Marine Science* 57:452-464.
- Williams, G., P.S. Levin, and W.A. Palsson. In Press. Rockfish in Puget Sound: and ecological history of exploitation. *Journal of Marine Policy*.
- Yamanaka K.L., and L.C. Lacko. 2001. Inshore Rockfish (*Seb. ruberrimus*, *S. maliger*, *S. caurinus*, *S. melanops*, *S. nigrocinctus*, and *S. nebulosus*). Stock assessment for the west coast of Canada and recommendation for management.

Personal Communication

Jeff June, Natural Resource Consultants with Dan Tonnes, National Oceanic and Atmospheric Administration. November 2009.

William Beattie, Northwest Indian Fisheries Commission, personal communication with Eric Murray, National Oceanic and Atmospheric Administration.

R. Withler, Canada Department of Fisheries and Oceans, personal communication with the NOAA Biological Review Team. 2008.