

8.0 LITERATURE CITED

- Ackley, D., and D. Witherell. 1999. Development of a Marine Habitat Protection Area in Bristol Bay, Alaska. Ecosystem Approaches for Fisheries Management. Alaska Sea Grant College Program Report No. 99-01:511-526.
- Adams, A.E. 1979. "Life history of the snow crab (*Chionoecetes opilio*), a literature review." Alaska Sea Grant Report, 78-13, University of Alaska, Fairbanks, Alaska 99775. p. 141.
- ADF&G (Alaska Department of Fish & Game). 2002a. Overview of Alaska's Herring Fisheries.
- ADF&G. 2002b. 2002 Alaska Commercial Sac Roe Harvest by Fishery.
- ADF&G. 2002c. 2001 Alaska Commercial Groundfish Harvests and Ex-vessel Values in State-Managed Fisheries.
- ADF&G. 2002d. Alaska Commercial Crab Harvests of King, Tanner, and Snow Crab, 1953-2000.
- ADF&G. 2001a. "Pacific Herring." Alaska Department of Fish and Game Wildlife Notebook Series. Fritz Funk, text. Accessed from website on December 15, 2004; <http://www.state.ak.us/adfg/notebook/notehome.htm>.
- ADF&G. 2001b. "Turtle." Alaska Department of Fish and Game Wildlife Notebook Series. Robert Parker Hodge, text. Accessed from website on October 25, 2004; <http://www.state.ak.us/adfg/notebook/notehome.htm>.
- ADF&G. 2001b. 2001 Alaska Commercial Sac Roe Harvest by Fishery.
- ADF&G. 2000a. Annual management report for the shellfish fisheries of the westward region, 1999. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K00-55, Kodiak, Alaska.
- ADF&G. 2000b. Overview of state-managed marine fisheries in the central and western Gulf of Alaska, Aleutian Islands, and southeastern Bering Sea, with references to Steller Sea Lions, RIR 5J00-10.
- ADF&G. 2000c. A workshop examining potential fishing effects on population dynamics and benthic community structure of scallops with emphasis on the weathervane scallop *Patinopecten caurinus* in Alaska waters. ADF&G Special Publication 14.
- ADF&G. 2000d. Alaska Commercial Sac Roe Harvest by Fishery.
- ADF&G. 1999. 1999-2000 Commercial Shellfish Regulations: Statewide fisheries regulations. Alaska Department of Fish and Game. Juneau, Alaska. ADF&G. 1998a. Catalog of waters important for spawning, rearing, or migration of anadromous fishes. ADF&G, Habitat Division, 6 vols. Anchorage, Alaska. Revised periodically.
- ADF&G. 1998a. Catalog of waters important for spawning, rearing, or migration of anadromous fishes. ADF&G, Habitat Division, 6 vols. Anchorage, Alaska. Revised periodically.
- ADF&G. 1998b. An atlas to the catalog of waters important for spawning, rearing, or migration of anadromous fishes. ADF&G, Habitat Division, 6 vols. Anchorage, Alaska. Revised periodically.
- ADF&G. 1998c. Alaska Herring Roe Fishery Opening Dates.
- ADF&G. 1985. Dungeness Crab. Excerpted from Alaska Habitat Management Guide, Volume 1: Life Histories and Habitat Requirements of Fish and Wildlife. Juneau, Alaska.
- ADF&G and NMFS, 2001. Satellite telemetry and Steller sea lion research. White Paper prepared by ADF&G and NMFS Steller sea lion research programs. Available from NMFS website: <http://www.fakr.noaa.gov/protectedresources/stellers/>.

- Agardy, T. S. 2000. Effects of fisheries on marine ecosystems: A conservationist's perspective. *ICES Journal of Marine Science* 57(3):761-765.
- Akenhead, S.A., J. Carscadden, H. Lear, G.R. Lilly, and R. Wells. 1982. "Cod-capelin interactions off northeast Newfoundland and Labrador." Multispecies approaches to fisheries management advice, M. C. Mercer, ed. pp. 141-148. *In National Marine Fisheries Service* 2001(a).
- Alaska Sea Grant. 1993. "Is it food?" Alaska Sea Grant Report, 93-1, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, Alaska 99775. p. 59. *In National Marine Fisheries Service* 2001(a).
- Albers, W.D., and P.J. Anderson. 1985. "Diet of Pacific cod, *Gadus macrocephalus*, and predation on the northern pink shrimp, *Pandalus borealis*, in Pavlov Bay, Alaska." *Fishery Bulletin*, 83(4):601-610. *In National Marine Fisheries Service* 2001(a).
- Alderdice, D.F., and C.R. Forrester. 1968. "Some effects of salinity and temperature on early development and survival of the English sole (*Parophrys vetulus*)." *Journal of the Fisheries Research Board of Canada*, 25(3):495-521. *In National Marine Fisheries Service* 2001(a).
- Allen, M.J., and G.B. Smith. 1988. "Atlas and zoogeography of common fishes in the Bering Sea and northeastern Pacific." NOAA Technical Report, *NMFS 66*, U.S. Department of Commerce, NOAA. 151 pp. *In National Marine Fisheries Service* 2001(a).
- Alton, M.S., and B.A. Megrey. 1986. "Condition of the walleye pollock resource of the Gulf of Alaska as estimated in 1985." NOAA Technical Memorandum, *NMFS F/NWC-106*, U.S. Department of Commerce, NOAA. *In National Marine Fisheries Service* 2001(a).
- Alton, M.S., and T.M. Sample. 1976. Rock sole (Family *Pleuronectidae*) p 461-474. *In Demersal fish and shellfish resources in the Bering Sea in the baseline year 1975*. Principal investigators: W.T. Pereya, J.E. Reeves, and R. Bakkala. U.S. Department of Commerce, National Oceanographic and Atmospheric Administration, National Marine Fisheries Services, Northwest and Alaska Fisheries Center, Seattle, WA. *Processed Rep.* 619 pp.
- Alton, M.S., R.G. Bakkala, G.E. Walters, and P.T. Munro. 1988. "Greenland turbot, *Rheinhardtius hippoglossoides*, of the Eastern Bering Sea and Aleutian Islands." NOAA Technical Report, *NMFS 71*, U.S. Department of Commerce, NOAA. p. 31. *In National Marine Fisheries Service* 2001(a).
- Alvarado, J., and A. Figueroa. 1990. The ecological recovery of sea turtles of Michoacan, Mexico. Special attention: the black turtle, *Chelonia agassizii*. Final Report 1989-1990 submitted to U.S.F.W.S. and W.W.F - U.S. 97 pp. + tables/figs.
- Anderson, P.J., J.E. Blackburn, and B.A. Johnson. 1997. "Declines of Forage Species in the Gulf of Alaska, 1972-1995, as an Indicator of Regime Shift." Alaska Sea Grant College Program Report, 97-01, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, Alaska 99775. pp. 531-544. *In National Marine Fisheries Service* 2001(a).
- Anderson, P.J., and J.F. Piatt. 1999. "Community reorganization in the Gulf of Alaska following ocean climate regime shift." *Marine Ecology Progress Series*, 189:117-123. *In National Marine Fisheries Service* 2001(a).
- Andrews, A.H., E.E. Cordes, M.M. Mahoney, K. Munk, K.H. Coale, G.M. Cailliet, and J. Heifetz. 2002. Age, growth, and radiometric age validation of a deep-sea, habit-forming gorgonian (*Primnoa rasedaeformis*) from the Gulf of Alaska. *Hyrobiologia*. 471:101-110.
- Angliss, R.P. and D.P. DeMaster. 1998. Differentiating serious and non-serious injury of marine mammals taken incidental to commercial fishing operations: report of the serious injury workshop 1-2 April 1997, Silver Spring, Maryland. NOAA Tech. Mem. NMFS-OPR-13. 48 p.

- Angliss, R.P., and K.L. Lodge. 2002. Alaska marine mammal stock assessments, 2002. NOAA Tech. Mem. NMFS-AFSC-133. p. 224.
- Archibald, C.P., W. Shaw, and B.M. Leaman. 1981. "Growth and mortality estimates of rockfishes (Scorpaenidae) from B.C. coastal waters, 1977-79." *Canadian Technical Report of Fisheries and Aquatic Sciences*, 1048:57. In National Marine Fisheries Service 2001(a).
- Arkhipkin, A.I., V.A. Bizikov, V.V. Krylov, and K.N. Nesis. 1996. "Distribution, stock structure, and growth of the squid *Berryteuthis magister* (Berry, 1913) (Cephalopoda Gonatidae) during summer and fall in the western Bering Sea." *Fishery Bulletin*, 94(1):1-30. In National Marine Fisheries Service 2001(a).
- Auster, P.J., and R.W. Langton. 1999. "The effects of fishing on fish habitat." Fish habitat: Essential Fish Habitat and Rehabilitation, L. R. Benaka, ed., American Fisheries Symposium, Bethesda, Maryland. pp. 150-187. In National Marine Fisheries Service 2001(a).
- Auster, P.J., R.J. Malatesta, R.W. Langton, L. Watling, P.C. Valentine, C.L.S. Donaldson, E.W. Langton, A.N. Shepard, and I.G. Babb. 1996. The impacts of mobile fishing gear on seafloor habitats in the Gulf of Maine (northwest Atlantic): implications for conservation of fish populations. *Reviews in Fisheries Science* 4(2):185-202.
- Babcock, M.B., C.C. Brodersen, and P.A. Rounds. 1988. Habitat preference in juvenile red king crabs (*Paralithodes camtschatica*). *Am. Zool.* 28:27A.
- Bailey, K. M., Quinn II, T. J., Bentzen, P., and Grant, W. S. (1999). "Population structure and dynamics of walleye pollock." *Advances in Marine Biology*, 37, pp. 179-255.
- Bakkala, R.G. 1993. "Structure and historical changes in the groundfish complex of the eastern Bering Sea." NOAA Technical Report, *NMFS 114*, U.S. Department of Commerce, NOAA. p. 91. In National Marine Fisheries Service 2001(a).
- Bakkala, R.G. 1984. "Pacific cod of the eastern Bering Sea." *International North Pacific Fisheries Commission Bulletin*, 42:157-179. In National Marine Fisheries Service 2001(a).
- Bakkala, R.G., J. Traynor, K. Teshima, A.M. Shimada, and H. Yamaguchi. 1985. "Results of cooperative U.S.-Japan groundfish investigations in the eastern Bering Sea during June-November 1982." NOAA Technical Memorandum, *NMFS F/NWC-87*, U.S. Department of Commerce, NOAA. p. 448. In National Marine Fisheries Service 2001(a).
- Balazs, G.H. 1982. Growth rates of immature green turtles in the Hawaiian archipelago. Pages 117-125 in K.A. Bjorndal (ed.), *Biology and Conservation of Sea Turtles*. Smithsonian Inst. Press, Washington, D.C. 583 pp.
- Ball, B., B. Munday, and I. Tuck. 2000. Effects of otter trawling on the benthos and environment in muddy sediments. pp. 69-82 in M.J. Kaiser and S.J. de Groot. *The Effects of Fishing on Non-target Species and Habitats*. Blackwell Science.
- Bane, GT. 1992. First report of a loggerhead sea turtle from Alaska. *Mar. Turtle Newsl.* 58:1-2.
- Bannikov, A.G., Darevsky, I.S., and Rustamov, A.K. (1971). *Zemnovodni presmikaushcienya USSR*, Izdatelstvo "Misi," Moscow. 204 pp.
- Barlow, J., K.A. Forney, P.S. Hill, R.L. Brownell, Jr, J.V. Carretta, D.P. DeMaster, F. Julian, M.S. Lowry, T. Ragen, and R.R. Reeves. 1997. "U.S. Pacific Marine Mammal Stock Assessments: 1996." NOAA Technical Memorandum, *NMFS-SWFSC-248*, U.S. Department of Commerce, NOAA. p. 223. In National Marine Fisheries Service 2001(a).

- Barlow, J., S.L. Swartz, T.C. Eagle, and P.R. Wade. 1995. "U.S. marine mammal stock assessments: guidelines for preparation, background, and a summary of the 1995 assessments." NOAA Technical Memorandum, *NMFS-OPR-6*, U.S. Department of Commerce, NOAA. p. 73. *In* National Marine Fisheries Service 2001(a).
- Barnes, R.D. 1980. Invertebrate zoology. Saunders College, Philadelphia. pp. 1,089.
- Barnhart, J.P. and G.E. Rosenkranz. 1999. Summary and analysis of onboard observer collected data from the 1997/98 statewide commercial Weathervane Scallop Fishery. ADF&G, Commercial Fisheries, Kodiak, Alaska, Regional Information Report No. 4K99-63.
- Barnhart, J.P. 2003. Weathervane scallop fishery in Alaska with a focus on the Westward Region , 1967-2002. Alaska Department of Fish and Game Regional, Division of Commercial Fisheries, Information Report no. 4K03-5, Kodiak, Alaska. p. 33.
- Barr, L., and N. Barr. 1983. Under Alaskan seas. Alaska Northwest Publishing Company, Anchorage, Alaska.
- Barrett-Lennard, L.G., K. Heise, E. Saulitis, G. Ellis, and C. Matkin. 1995. The impact of killer whale predation on Steller sea lion populations in British Columbia and Alaska. Report for No. Pac. Univ. Mar. Mamm. Consort., Univ of B.C., Fisheries Centre, Vancouver, B.C. 71 pp. (http://www.marinemammal.org/pdfs/Barrett_etal1995-killer.pdf)
- Bechtol, W.R. 2000. Prince William Sound walleye pollock: current assessment and 2001 management recommendations. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report. 2A00-42. Anchorage.
- Behnken, L. 1993. Southeast Alaska trawl closure: A case study in risk-averse management. *Sea Wind* 7(1):8-14.
- Bell, J.J., and D.K.A. Barnes. 2000. "The influences of bathymetry and flow regime upon the morphology of sublittoral sponge communities." *Journal of the Marine Biological Association of the U.K.* 80:707-718.
- Bell, J.J., D.K.A. Barnes, and J.R. Turner. 2002. "The importance of micro and macro morphological variation in the adaptation of a sublittoral demosponge to current extremes." *Marine Biology*. 140:75-81
- Berceli, R., and L.K. Brannian. 2000. Prince William Sound management area: 2000 shellfish report to the Alaska Board of Fisheries. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 2A00-12. Anchorage, Alaska.
- Berceli, R., C. Trowbridge, M. Lambdin, and W.R. Bechtol. 1999. Review of groundfish fisheries in the Prince William Sound Management Area: Report to the Alaska Board of Fisheries. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 2A99-30, Anchorage, Alaska.
- Bergman, M.J.N., and J.W. Van Santbrink. 2000. Fishing mortality of populations of megafauna in sandy sediments. pp. 49-68 in M.J. Kaiser and S. J. de Groot. The effects of fishing on non-target species and habitats. Blackwell Science.
- Berzin, A.A., and A.A. Rovnin. 1966. "The distribution and migrations of whales in the northeastern part of the Pacific, Chukchi and Bering Seas." Soviet Research on Marine Mammals of the Far East, K. I. Panin, ed. pp. 103-136. *In* National Marine Fisheries Service 2001(a).

- Bessonov, B., V.V. Mel'nikov, and V.A. Bobkov. 1990. "Distribution and migration of cetaceans in the Soviet Chukchi Sea." Conference Proceedings, Third Information Transfer Meeting, U.S. Minerals Management Service, Alaska OCS Reg. pp. 25-31. *In National Marine Fisheries Service 2001(a).*
- Best, E.A., and F. St-Pierre. 1986. "Pacific halibut as predator and prey." International Pacific Halibut Commission Technical Report, 21, International Pacific Halibut Commission, P.O. Box 95009, Seattle, Washington 98145. *In National Marine Fisheries Service 2001(a).*
- Birkeland, C. 1974. Interactions between a sea pen and seven of its predators. *Ecological Monographs*. 44:211-232.
- Bishop Museum. 2000. Search for Invertebrates Yields Ten New Sponge Species Found in Single Sinkhole at Pearl and Hermes Atoll. Bishop Museum News Release No. 17 October 10, 2000.
- Black, K.P. and G.D. Parry. 1994. Sediment transport rates and sediment disturbance due to scallop dredging in Port Phillip Bay. *Mem. Queensl. Mus.* 36:327-341.
- Blackburn, J.E., and P.J. Anderson. 1997. "Pacific sand lance growth, seasonal availability, movements, catch variability, and food in the Kodiak-Cook Inlet area of Alaska." Alaska Sea Grant Report, AK-SG-97-01, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, Alaska 99775. pp. 409-426. *In National Marine Fisheries Service 2001(a).*
- Blackburn, J.E., K. Anderson, C.I. Hamilton, and S.J. Starr. 1983. "Pelagic and demersal fish assessment in the Lower Cook Inlet estuary system." Final Reports of Principle Investigators, Biological Studies, period ending February 1983, NOAA/OCSEAP 17, OCSEAP. pp. 107-382. *In National Marine Fisheries Service 2001(a).*
- Bockstoce, J.R. 1986. Whales, ice and men: the history of whaling in the western Arctic, University of Washington Press. Seattle, Washington. p. 400. *In National Marine Fisheries Service 2001(a).*
- Boehlert, G. 1996. Biodiversity and the sustainability of marine fisheries. *Oceanography*. 9:28-35.
- Boersma, P.D. 1998. "Population trends of the Galapagos Penguin: impacts of El Nino and La Nina." *Condor*. 100:245-253. *In National Marine Fisheries Service 2001(a).*
- Bogoslovskaya, L.S., L.M. Votrogov, and I.I. Krupnik. 1982. "The bowhead whale off Chukotka: migrations and aboriginal whaling." Report of the International Whaling Commission.
- Bonnell, M.L., M.O. Pierson, and G.D. Farrens. 1983. "Pinnipeds and sea otters of central and northern California, 1980-1983: status, abundance and distribution." Final report for contract AA551-CT9-33 to U.S. Department of the Interior, Minerals Management Service Center for Marine Studies, University of California, Santa Cruz. *In National Marine Fisheries Service 2001(a).*
- Bourne, N. 1966. Relative fishing efficiency and selection of three types of scallop drags. *ICNAF Res. Bull.* No. 3:15-25.
- Boveng, P.L., J.L. Bengston, D.E. Withrow, J.C. Cesarone, M.A. Simpkins, K.J. Frost, and J.J. Burns. 2003. The abundance of harbor seals in the Gulf of Alaska. *Mar. Mamm. Sci.* 19(1):111-127.
- Bradstock, M., and D.P. Gordon. 1983. Coral-like bryozoan growths in Tasman Bay, and their protection to conserve commercial fish stocks. *New Zealand Journal of Marine and Freshwater Research*. 17:159-163.
- Brand, A.R. 2000. North Irish Sea scallop fisheries: effects of 60 years dredging on scallop populations and the environment. Pages 37-43 in A workshop examining potential fishing effects and population dynamics and benthic community structure of scallops with emphasis on the weathervane scallop *Patinopecten caurinus* in Alaskan waters. Alaska Dept of Fish and Game, Division of Commercial Fisheries, Special Publication 14, Juneau, AK.

- Brodeur, R.D. 2001. Habitat-specific distribution of Pacific Ocean perch *Sebastes alutus* in Pribilof Canyon, Alaska. *Cont. Shelf Res.* 21:201-24.
- Brodeur, R. D., and M.T. Wilson. 1996. "A review of the distribution, ecology, and population dynamics of age-0 walleye pollock in the Gulf of Alaska." *Fisheries Oceanography*. 5(Supplement 1):148-166. In National Marine Fisheries Service 2001(a).
- Brodeur, R.D., C.E. Mills, J.E. Overland, G.E. Walters, and J.D. Schumacher. 1999. "Evidence for a substantial increase in gelatinous zooplankton in the Bering Sea, with possible links to climate change." *Fisheries Oceanography*. 8(4):292-306. In National Marine Fisheries Service 2001(a).
- Brown, E. 2003. Effects of commercial otter trawling on essential fish habitat of the southeastern Bering Sea shelf. Masters Thesis, University of Alaska, Fairbanks, p. 155.
- Brueggeman J.J., T.C. Newby, and R.A. Grotefendt. 1985. Seasonal abundance, distribution and population characteristics of blue whales reported in the 1917 to 1939 catch records of two Alaska whaling stations. Reports of the International Whaling Commission 35:405-411.
- Brylinsky, M., J. Gibson, and D.C. Gordon, Jr. 1994. Impacts of flounder trawls on the intertidal habitat and community of the Minas Basin, Bay of Fundy. *Canadian Journal of Fisheries and Aquatic Sciences* 51:650-661.
- Buckland, S.T., K.L. Cattanaach, and R.C. Hobbs. 1993. "Abundance estimates of Pacific white sided dolphin, northern right whale dolphin, Dall's porpoise and northern fur seal in the North Pacific, 1987/90." Biology, Distribution, and Stock Assessment of Species Caught in the High Seas Driftnet Fisheries in the North Pacific Ocean, W. Shaw, R. L. Burgner, and J. Ito, eds., International North Pacific Fisheries Commission, 6640 Northwest Marine Drive, Vancouver, BC, Canada V6T 1X2. pp. 387-407. In National Marine Fisheries Service 2001(a).
- Bulatov, O.A. 1983. "Distribution of eggs and larvae of Greenland halibut, *Reinhardtius hippoglossoides* (Pleuronectidae) in the eastern Bering Sea." *Journal of Ichthyology*, 23(1):157-159, National Marine Fisheries Service 2001(a).
- Bullimore, B.A., P.B. Newman, M.J. Kaiser, S.E. Gilbert, and K.M. Lock. 2001. A study of catches in a fleet of "ghost-fishing pots. *Fishery Bulletin* 99-2:247-253.
- Burger, A.E., and D.M. Fry. 1993. "Effects of oil pollution on seabirds in the northeast Pacific." The status, ecology and conservation of marine birds of the North Pacific, K. Vermeer, K. T. Briggs, K. J. Morgan, and D. Siegel-Causey, eds., Canadian Wildlife Service and Pacific Seabird Group. pp. 254-263. In National Marine Fisheries Service 2001(a).
- Burger, C.V., and A.C. Wertheimer. 1995. "Pacific salmon in Alaska." Our living resources: a report to the nation on the distribution, abundance, and health of U.S. plants, animals, and ecosystems, E.T. LaRoe, G.S. Farris, C.E. Puckett, P.D. Doran, and M.J. Mac, eds., U.S. Department of the Interior, National Biological Survey, Washington, DC. pp. 343-347. In National Marine Fisheries Service 2001(a).
- Burgner, R.L. 1991. "Life History of Sockeye Salmon (*Oncorhynchus nerka*)." pp. 3-116. In Groot, C and L. Margolis, eds. 1991. *Pacific Salmon Life Histories*. UBC Press, University of British Columbia. Vancouver, B.C.
- Byrd, G.V., and D.E. Dragoo. 1997. "Breeding success and population trends of selected seabirds in Alaska in 1996." U.S. Fish and Wildlife Service Report, *AMNWR 97/11*, U.S. Department of the Interior, U.S. Fish and Wildlife Service, 1211 E. Tudor Road, Anchorage, Alaska 99503. p. 44. In National Marine Fisheries Service 2001(a).

- Byrd, G.V., D.E. Dragoo, and D.B. Irons. 1999. "Breeding status and population trends of seabirds in Alaska in 1998." U.S. Fish and Wildlife Service Report, *AMNWR 99/02*, U.S. Department of the Interior, U.S. Fish and Wildlife Service, 1211 E. Tudor Road, Anchorage, Alaska 99503. p. 68. *In National Marine Fisheries Service 2001(a).*
- Byrd, G.V., D.E. Dragoo, and D.B. Irons. 1998. "Breeding status and population trends of seabirds in Alaska in 1997." U.S. Fish and Wildlife Service Report, *AMNWR 98/02*, U.S. Department of the Interior, U.S. Fish and Wildlife Service, 1211 E. Tudor Road, Anchorage, Alaska 99503. p. 59. *In National Marine Fisheries Service 2001(a).*
- Byrd, G.V., J.C. Williams, and R. Walder. 1992. "Status and biology of the tufted puffin in the Aleutian Islands, Alaska, after a ban on salmon driftnets." U.S. Department of the Interior, Fish and Wildlife Service, Alaska Maritime National Wildlife Refuge, Aleutian Islands Unit, PSC 486, Box 5251, FPO AP 96506-5251, Adak, Alaska. *In National Marine Fisheries Service 2001(a).*
- Cairns, D.K. 1992. "Population regulation of seabird colonies." *Current Ornithology*. 9:37-61. *In National Marine Fisheries Service 2991(a).*
- Calkins, D.G. 1987. "Marine Mammals." The Gulf of Alaska: Physical Environment and Biological Resources, D. W. Hood and S. T. Zimmerman, eds., Alaska Office, Ocean Assessments Division, National Oceanic and Atmospheric Administration, U.S. Department of Commerce, and the Alaska OCS Region Office, Minerals Management Service, U.S. Department of the Interior, Washington, DC. pp. 527-560. *In National Marine Fisheries Service 2001(a).*
- Calkins, D.G., and E. Goodwin. 1988. "Investigation of the declining sea lion population in the Gulf of Alaska." State of Alaska, Department of Fish and Game, Anchorage Regional Office, 333 Raspberry Road, Anchorage, Alaska 99518. p. 76. *In National Marine Fisheries Service 2001(a).*
- Calkins, D.G., and K.W. Pitcher. 1982. "Population assessment, ecology and trophic relationships of Steller sea lions in the Gulf of Alaska." OCSEAP Final Report, 19 (1983), U.S. Department of Commerce, NOAA. pp. 445-546. *In National Marine Fisheries Service 2001(a).*
- Canino, M.F. 1994. "Effects of temperature and food availability on growth and RNA/DNA ratios of walleye pollock, *Theragra chalcogramma* (Pallas), eggs and larvae." *Journal of Experimental Marine Biology and Ecology*. 175:1-16. *In National Marine Fisheries Service 2001(a).*
- Carlson, H.R. 1995. "Consistent yearly appearance of age-0 walleye pollock, *Theragra chalcogramma*, at a coastal site in southeastern Alaska, 1973-1994." *Fishery Bulletin*. 93:386-390. *In National Marine Fisheries Service 2001(a).*
- Carlson, H.R. and C.A. Pfister. 1999. "A seventeen-year study of the rose star *Crossaster papposus* population in a coastal bay in southeast Alaska." *Marine Biology*. 133:223-230.
- Carlson, H.R., and R.R. Straty. 1981. Habitat and nursery grounds of Pacific rockfish, *Sebastes* spp., in rocky, coastal areas of southeastern Alaska. *Mar. Fish. Rev.* 43(7):13-19.
- Carlton, J.T. 1996. Marine bioinvasions: The alteration of marine ecosystems by nonindigenous species. *Oceanography*. 9:36-43.
- Carr, M.H., T.W. Anderson, and M.A. Hixon. 2002. Biodiversity, population regulation, and the stability of coral-reef fish communities. *Proceedings of the National Academy of Sciences*. 99:11241-11245.
- Carr, M., P. Dayton, S. Gaines, M. Hixon, G. Leonard, S. Palumbi, and R. Warner. 2002. Comments on ASA report entitled "No Take Marine Protected Areas (nMPAs) as a fishery management tool, a pragmatic perspective" by Robert L. Shipp, PhD. Unpublished Manuscript. 9 pp.

- CEQ (Council on Environmental Quality). 1997. Considering Cumulative Effects Under the National Environmental Policy Act. Council on Environmental Quality, Executive Office of the President, Washington, D.C., January, 1997. Pp. 1x-x, 28-29, and 49-57.
- Chia, F.S., and B.J. Crawford. 1973. Some observations on gametogenesis, larval development and substratum selection of the sea pen *Ptilosarcus guerneyi*. *Mar. Biol.* 23:73-82.
- Chilton, D.E., and R.J. Beamish. 1982. "Age determination methods for fishes studied by the Groundfish Program at the Pacific Biological Station." *Canadian Special Publication of Fisheries and Aquatic Sciences*. 60:102. In National Marine Fisheries Service 2001(a).
- Cimberg, R.L., T. Gerrodette, and K. Muzik. 1981. "Habitat requirements and expected distribution of Alaska coral." OCSEAP Final Report, 54(1987), Report prepared for Office of Marine Pollution Assessment, Alaska Office, DOC, NOAA. pp. 207-308. In National Marine Fisheries Service 2001(a).
- Clausen, D.M. 1983. "Food of walleye pollock, *Theragra chalcogramma*, in an embayment of southeastern Alaska." *Fishery Bulletin*. 81(3):637-642. In National Marine Fisheries Service 2001(a).
- Clausen, D.M. and J. Heifetz. 2003. The northern rockfish, *Sebastes polyspinis*, in Alaska: commercial fishery, distribution, and biology. Unpubl. manusc. (submitted for publication to *Mar. Fish. Rev.* Available from NMFS Auke Bay Laboratory, 11305 Glacier Hwy., Juneau Alaska 99801)
- Clausen, D.M., C.R. Lunsford, and J.T. Fujioka. 2002. Pelagic shelf rockfish. In Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska. pp. 383-417. North Pacific Fishery Management Council, 605 W. 4th. Avenue, Suite 306, Anchorage, Alaska 99501-2252.
- Clemens, W.A., and G.V. Wilby. 1961. Fishes of the Pacific Coast and Canada. 2nd ed. *Bul. Fish. Res.Bd. Canada* 68. 443 pp.
- Cliffton, K. D.O. Cornejo, and R.S. Felger. 1982. Sea turtles of the Pacific coast of Mexico. Pages 199-209 in K.A. Bjorndal (ed.), *Biology and Conservation of Sea Turtles*. Smithsonian Inst. Press, Washington, D.C. 583 pp.
- Cochrane, J. U.S. Fish and Wildlife Service, Grand Marais, personal communication.
- Collie, J.S., G.A. Escanero, and P.C. Valentine. 2000. Photographic evaluation of the impacts of bottom fishing on benthic epifauna. *ICES Journal of Marine Science* 57:987-1001.
- Collie, J.S., S.J. Hall, M.J. Kaiser, and I.R. Poiners. 2000. A quantitative analysis of fishing impacts on shelf-sea benthos. *Journal of Animal Ecology* 69:785-798.
- Collie, J.S., G.A. Escanero, and P.C. Valentine. 1997. Effects of bottom fishing on the benthic megafauna of Georges Bank. *Marine Ecology Progress Series* 155:159-172.
- Coyle, K.O., G.L. Hunt Jr., M.B. Decker, and T.J. Weingartner. 1992. "Murre foraging, Epibenthic sound scattering and tidal advection over a shoal near St. George Island, Bering Sea." *Marine Ecology Progress Series*, 83:1-14. In National Marine Fisheries Service 2001(a).
- Coon, C. 2000. Salmon bycatch in the Gulf of Alaska groundfish fisheries 1993-2000. Unpubl. Report for North Pacific Fishery Management Council, December 2000.
- Council (North Pacific Fishery Management Council). 2002a. Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska. Appendix B of EA/IRFA for the TAC for the Year 2003 Alaska Groundfish Fisheries. Prepared by: The Plan Team for the Groundfish Fisheries of the Gulf of Alaska. 617 pp.

- Council. 2002b. Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions. Appendix A of EA/IRFA for the TAC for the Year 2003 Alaska Groundfish Fisheries. Prepared by the Plan Team for the Groundfish Fisheries of the Bering Sea and Aleutian Islands. 728 pp.
- Council. 2002c. Stock assessment and fishery evaluation report for the king and Tanner crab fisheries of the Bering Sea and Aleutian Islands areas: 2002 Crab SAFE.
- Council. 2001. "Ecosystem Considerations for 2002." North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, AK 99501-2252, 183 pp.
- Council. 2000a. The Fishery Management Plan for the Groundfish Fishery of the Bering Sea/Aleutian Islands Area. North Pacific Fishery Management Council, Anchorage Alaska.
- Council. 2000b. The Fishery Management Plan for the Groundfish of the Gulf of Alaska. North Pacific Fishery Management Council, Anchorage Alaska.
- Council. 2000c. Draft Environmental Assessment/Regulatory Impact Review for Amendments 65/65/12/7/7: Habitat Areas of Particular Concern. North Pacific Fishery Management Council, Anchorage Alaska. January 2000. 208 pp.
- Council. 2000d. Environmental Assessment/Regulatory Impact Review for Amendments 65/65. North Pacific Fishery Management Council, Anchorage Alaska.
- Council. 1999a. Environmental Assessment/Regulatory Impact Review for Amendments 55/55/8/5/5: Essential Fish Habitat. North Pacific Fishery Management Council, Anchorage Alaska. January 1999. 364 pp.
- Council. 1999b. Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska. North Pacific Fishery Management Council, Anchorage, Alaska.
- Council. 1999c. "Draft Environmental Assessment /Regulatory Impact Review/Initial Regulatory Flexibility Analysis for Amendments 63/63 to the Fishery Management Plans for the Groundfish Fisheries of the Bering Sea/Aleutian Islands and Gulf of Alaska to revise management of Sharks and Skates." North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501-2252. In National Marine Fisheries Service 2001(a).
- Council. 1999d. Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions. North Pacific Fishery Management Council, Anchorage, Alaska.
- Council. 1998a. "Draft environmental impact assessment/regulatory impact review: Essential Fish Habitat." North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501-2252. p. 358. In National Marine Fisheries Service 2001(a).
- Council. 1998b. The Fishery Management Plan for the Bering Sea/Aleutian Islands Commercial King and Tanner Crabs. North Pacific Fishery Management Council, Anchorage Alaska.
- Council. 1996. The Fishery Management Plan for the Scallop Fishery off Alaska. North Pacific Fishery Management Council, Anchorage Alaska.
- Council. 1994. "Ecosystem Considerations 1995." 1995 Bering Sea and Aleutian Islands Groundfish Stock Assessment and Fishery Evaluation, North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501-2252. In National Marine Fisheries Service 2001(a).
- Council. 1990. The Fishery Management Plan for the Salmon Fisheries in the EEZ off the Coast of Alaska. North Pacific Fishery Management Council, Anchorage Alaska.

- Crawford, T.W. 1981. "Vertebrate prey of *Phocoenoides dalli* (Dall's porpoise) associated with the Japanese high seas salmon fishery in the North Pacific Ocean," Masters Thesis, University of Washington Press, Seattle, Washington. *In National Marine Fisheries Service 2001(a).*
- Cronin, M.A., L. Jack and W.G. Buchholz. 2002. Microsatellite DNA and Mitochondrial DNA Variation in Sea Otters in Alaska. LGL Alaska Research Associates, Inc. 1101 E. 76th Avenue, Suite B, Anchorage, Alaska 99518. Final Report #P617. 17 pp.
- Croxall, J.P., and P. Rothery. 1991. "Population regulation of seabirds: implications of their demography for conservation." *Bird Population Studies: Relevance to conservation and management*, C. M. Perrins, J. D. Lebreton, and G. J. M. Hiron, eds., Oxford University Press, New York. pp. 272-296. *In National Marine Fisheries Service 2001(a).*
- Cumming, W.C. 1985. "Right Whales, *Eubalaena glacialis* (Muller, 1776) and *Eubalaena australis* (Desmoulins, 1822)." *Handbook of Marine Mammals*, S. H. Ridgway and R. Harrison, eds., Academic Press, London. pp. 275-304. *In National Marine Fisheries Service 2001(a).*
- Currie, D.R., and G.D. Parry. 1996. Effects of scallop dredging on a soft sediment community. A large-scale experimental study. *Mar. Ecol. Prog. Ser.* 134:131-150.
- D'yakov, Yu. P. 1982. The fecundity of the Greeland turbot, *Reinhardtius hippoglossoides*, (Pleuronectidae) from the Bering Sea. *J. Ichthyol [Engl. Transl. Vopr. Ikhtioli]* 22(5):59-64.
- Decker, M.B., G.L. Hunt Jr., and G.V. Byrd Jr. 1995. "The relationships among sea-surface temperature, the abundance of juvenile walleye pollock (*Theragra chalcogramma*), and the reproductive performance and diets of seabirds at the Pribilof Islands, southeastern Bering Sea." *Climate change and northern fish populations*, R. J. Beamish, ed., Canadian Special Publication of Fisheries and Aquatic Sciences. pp. 425-437. *In National Marine Fisheries Service 2001(a).*
- DeGange, A.R., and G.A. Sanger. 1986. "Marine Birds." *The Gulf of Alaska: Physical environment and biological resources*, D. W. Hood and S. T. Zimmerman, eds., U.S. National Oceanic and Atmospheric Administration, Ocean Assessments Division, Anchorage, Alaska. pp. 479-524. *In National Marine Fisheries Service 2001(a).*
- DiCosimo, J. 1998. "Groundfish of the Gulf of Alaska Area: A Species Profile." North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501-2252. *In National Marine Fisheries Service 2001(a).*
- DiCosimo, J., and N. Kimball. 2001. "Groundfish of the Gulf of Alaska: A Species Profile." North Pacific Fishery Management Council, 605 W. 4th Avenue, Site 306, Anchorage Alaska 99501.
- Dieter, B.E., Wion, D.A., and R.A. McConnaughey (editors). 2003. *Mobile fishing gear effects on benthic habitats: a bibliography (second edition)*. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-135, 206 p.
- Dodd, C.K., Jr. 1990. Reptilia: Testudines: Cheloniidae: *Caretta caretta*. Pages 483.1-483.7 in C.H. Ernst (ed.), *Catalogue of American Amphibians and Reptiles*. Soc. Study Amphibians and Reptiles Publication.
- Donaldson, W.E., J.T. Cooney, and S.R. Hilsinger. 1981. "Growth, age and size at maturity of Tanner crab, *Chionoecetes bairdi*, M.J. Rathburn, in the Northern Gulf of Alaska (Decapoda, Brachyura)." *Crustaceana*. 40(3):286-302. *In National Marine Fisheries Service 2001(a).*
- Doroff, A.M., J.A. Estes, M.T. Tinker, D.M. Burn, and T.J. Evans. 2003. Sea otter population declines in the Aleutian Archipelago. *J. Mamm.* 84(1):55-64.

- Downs, M. 2003. Socioeconomic and Environmental Justice Existing Conditions: Alaska Groundfish Fisheries and BSAI Crab Fisheries. Unpublished report prepared for National Marine Fisheries Service Alaska Region, Juneau, Alaska. May 2003.
- Dragoo, D.E., G.V. Byrd, and D.B. Irons. 2003. Breeding status, population trends and diets of seabirds in Alaska, 2001. U.S. Fish and Wildlife Service Report AMNWR 03/05. Draft. 84 p.
- Drabsch, S.L., J.E. Tanner, and S.D. Connell. 2002. Limited infauna response to experimental trawling in previously untrawled areas. *High Seas Journal*. 58:6, 1,261-1,271 pp.
- Drew, S.C., and R.E. Larsen. 1994. Worldwide trawl and dredge survey. Unpublished manuscript. p. 8. (Available from Marine Data Systems, Inc., Plymouth, MA or obtain a file copy from the NMFS Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, WA 98115.)
- Dupaul, W.D., J.C. Brust, and J.E. Kirkley. 1996. Bycatch in the United States and Canadian sea scallop fishery. Pages 175-181. Solving bycatch: considerations for today and tomorrow. Alaska Sea Grant College Program Report No. 96-03, University of Alaska Fairbanks.
- Dutton, P.H., and D. McDonald. 1992. Tagging studies of sea turtles in San Diego Bay, 1990 - 1991. Pages 35-38 in Proc. Eleventh Annual Workshop on Sea Turtle Biology and Conservation. U.S. Department of Commerce, NOAA Technical Memo. NMFS-SEFC-304.
- Dwyer, D.A. 1984. "Feeding habits and daily ration of walleye pollock (*Theragra chalcogramma*) in the eastern Bering Sea." Masters Thesis, University of Washington, Seattle, Washington. In National Marine Fisheries Service 2001(a).
- Eckelbarger, K.J., P.A. Tyler, and R.W. Langton. 1998. Gonadal morphology and gametogenesis in the sea pen *Pennatula aculeata* (Anthozoa: Pennatulacea) from the Gulf of Maine. *Mar. Biol.* 132:677-690.
- Eckert, K.L. (1996). Sea turtles. P. 66-71. In M. McField, S. Wells, and J. Gibson (eds), State of the Coastal Zone Report for Belize 1995. United Nations Development Programme/Global Environment Facility. 255pp. plus maps.
- Eleftheriou, A., and M.R. Robertson. 1992. The effects of experimental scallop dredging on the fauna and physical environment of a shallow sandy community. *Neth. J. Sea Res.* 30:289-299.
- Elphick, C.S., and G.L. Hunt Jr. 1993. "Variations in the distributions of marine birds with water mass in the Northern Bering Sea." *Condor*, 95:33-44. In National Marine Fisheries Service 2001(a).
- Engel, J., and R. Kvitek. 1998. Effects of otter trawling on a benthic community in Monterey Bay National Marine Sanctuary. *Conservation Biology*. 12(6):1,204-1,214.
- Eno, N.C., D.S. MacDonald, J.A.M. Kinnear, S.C. Amos, C.J. Chapman, R.A. Clark, F.P.D. Bunker, and C. Munro. 2001. Effects of crustacean traps on benthic fauna. *ICES Journal of Marine Science* 58:11-20.
- Ernst, C.H., and R. W. Barbour. 1989. *Turtles of the World*. Smithsonian Institution Press, Washington, D.C. and London. 313 pp.
- Eschmeyer, W.N., E.S. Herald, H. Hammann, and K.P. Smith. 1984. *A field guide to Pacific coast fishes of North America from the Gulf of Alaska to Baja California*, Houghton-Mifflin, Boston. p. 336. In National Marine Fisheries Service 2001(a).
- Estes, J.A., M.T. Tinker, T.M. Williams, and D.F. Doak. 1998. Killer whale predation on sea otters linking ocean nearshore systems. *Science*. 282:473-476.

- Favorite, F., A.J. Dodimead, and K. Nasu. 1976. "Oceanography of the Subarctic Pacific region, 1960-71." *International North Pacific Fisheries Commission Bulletin*, 33. International North Pacific Fisheries Commission, 6640 Northwest Marine Drive, Vancouver, BC, Canada V6T 1X2. p. 187. *In* National Marine Fisheries Service 2001(a).
- Feder, H.M., and S.C. Jewett. 1987. "The Subtidal Benthos." *The Gulf of Alaska: Physical Environment and Biological Resources*, D. W. Hood and S. T. Zimmerman, eds., Alaska Office, Ocean Assessments Division, National Oceanic and Atmospheric Administration, U.S. Department of Commerce, and the Alaska OCS Region Office, Minerals Management Service, U.S. Department of the Interior, Washington, DC. pp. 347-396. *In* National Marine Fisheries Service 2001(a).
- Ferrero, R.C., D.P. DeMaster, P.S. Hill, and M. Muto. 2000. "Alaska marine mammal stock assessments 2000." National Marine Fisheries Service, National Marine Mammal Laboratory, Seattle, Washington.
- Fiscus, C.H., and G.A. Baines. 1966. "Food and feeding behavior of Steller and California sea lions." *J. Mammal.* 47:195-200.
- Fiscus, C.H., H.W. Braham, R.W. Mercer, R.D. Everitt, B.D. Krogman, P.D. McGuire, C.E. Peterson, R.M. Sonntag, and D.E., Withrow. 1976. "Seasonal distribution and relative abundance of marine mammals in the Gulf of Alaska." Quarterly Report, 1, U.S. Department of Commerce, NOAA, OCSEAP Environmental Assessment Alaskan Continental Shelf. pp. 19-264. *In* National Marine Fisheries Service 2001(a).
- Forrester, C.R. 1964. "Demersal quality of fertilized eggs of rock sole (*Lepidopsetta bilineata* Ayres)." *Journal of the Fisheries Research Board of Canada*. 21(6):1,531-1,532. *In* National Marine Fisheries Service 2001(a).
- Forrester, C.R., and J.A. Thompson. 1969. Population studies on the rock sole, *Lepidopsetta bilineata*, of northern Hecate Strait British Columbia. Fish Res. Bd. Canada, Tech. Rep. 108. p. 104.
- Fossa, J.H., P.B. Mortensen, and D.M. Furevik. 2002. The deep-water coral *Lophelia pertusa* in Norwegian waters distribution and fishery impacts. *Hydrobiologia* 471:1-12.
- Fossa, J.H., D.M. Furevik, P.B. Mortensen, and M. Hovland. 1999. "Effects of bottom trawling on *Lophelia* deep water coral reefs in Norway. Poster presented at ICES meeting on Ecosystem Effects of Fishing, March 1999. Institute of Marine Research, Bergen, Norway." Megafauna associations with gorgonian coral (*Primnoa* spp.) in the Gulf of Alaska, K. J. Krieger and B. L. Wing, eds., Draft manuscript available from NMFS, Auke Bay Laboratory, 11305 Glacier Highway, Juneau, Alaska 99801. *In* National Marine Fisheries Service 2001(a).
- Francis, R.C., S.R. Hare, A.B. Hollowed, and W.S. Wooster. 1998. Effects of interdecadal climate variability on the oceanic ecosystems of the Northeast Pacific. *Fisheries Oceanography*. 7:1-21
- Francis, R.C., and S.R. Hare. 1994. Decadal-scale regime shifts in the large marine ecosystems of the northeast Pacific: a case for historical science. *Fisheries Oceanography*. (3):279-291.
- Francis, R.C., K. Aydin, R.L. Merrick, and S. Bollens. 1999. Modeling and management of the Bering Sea ecosystem. Dynamics of the Bering Sea, T.R. Loughlin and K. Ohtani, eds., University of Alaska Sea Grant, Fairbanks, AK, pp. 409-433.
- Frazer, N.B., and L.M. Ehrhart. 1985. Preliminary growth models for green, *Chelonia mydas*, and loggerhead, *Caretta caretta*, turtles in the wild. *Copeia* 1985:73-79.
- Freese, L. 2002. Trawl-induced damage to sponges observed from a research submersible. *Marine Fisheries Review*. 63(3):7-13.

- Freese, L., P.J. Auster, J. Heifetz, and B.L. Wing. 1999. Effects of trawling on seafloor habitat and associated invertebrate taxa in the Gulf of Alaska. *Marine Ecology Progress Series* 182:119-126.
- Frid, C.L.J., R.A. Clark, and J.A. Hall. 1999. Long-term changes in the benthos on a heavily fished ground of the NE coast of England. *Marine Ecology Progress Series* 188:13-29.
- Fritz, L., A. Greig, and R. Reuter. 1998. "Catch-per-unit effort, Length and Depth Distribution of Major Groundfish and Bycatch Species in the Bering Sea, Aleutian Islands, and Gulf of Alaska Regions Based on Groundfish Fishery Observer Data," NOAA Technical Memorandum NMFS-AFSC-88. 179 pp.
- Fritz, L.W., R.C. Ferrero, and R.J. Berg. 1995. "The threatened status of Steller sea lions, *Eumetopias jubatus*, under the Endangered Species Act: Effects on Alaska Groundfish Management." *Marine Fisheries Review*, 57(2):14-27. In National Marine Fisheries Service 2001(a).
- Fritz, L.W., V.G. Wespestad, and J.S. Collie. 1993. "Distribution and abundance trends of forage fishes in the Bering Sea and Gulf of Alaska." Alaska Sea Grant Report, 93-01, University of Alaska Fairbanks, Fairbanks, Alaska 99775. pp. 30-43. In National Marine Fisheries Service 2001(a).
- Funk, F. 1991. Harvest policy implications of yield per recruit models for Pacific herring in Alaska. In Proceedings of the International Herring Symposium. Alaska Sea Grant College Program Report No. 91-01:453-462.
- Funk, F. 1990. Migration of Pacific herring in the eastern Bering Sea as inferred from 1983-88 joint venture and foreign observer information. Regional Information Report 5J90-04, Division of Commercial Fisheries, Alaska Department of Fish and Game, Juneau.
- Furness, R.W. 1982. "Competition between fisheries and seabird communities." *Advances in Marine Biology*, 20:225-307. In National Marine Fisheries Service 2001 (a).
- Furness, R.W., and P. Monaghan. 1987. *Seabird Ecology*. Chapman & Hall, New York, New York. In National Marine Fisheries Service 2001(a).
- Gambell, R. 1985. "Sei whale, *Balaenoptera borealis*, (Lesson, 1828)." Handbook of Marine Mammals, S. H. Ridgway and R. Harrison, eds., Academic Press, London. pp. 155-170. In National Marine Fisheries Service 2001(a).
- Gambell, R. 1976. "Population biology and the management of whales." *Applied Biological*, 1:247-343. In National Marine Fisheries Service 2001(a).
- Gauvin, J, L. Behnken, H. McCarty, P. MacGregor, G. Blue, and E. Krygier. 2002. Rationalization as an effective tool to reduce the effects of fishing on EFH. A discussion paper prepared for the North Pacific Fishery Management Council's EFH Committee.
- Gharrett, A.J. 2003. Population structure of rougheye, shortraker, and northern rockfish based on analysis of mitochondrial DNA variation and microsatellites: completion. Unpubl. doc. avail. from Juneau Center, School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, 11120 Glacier Hwy., Juneau, AK 99801. 136 pp.
- Gharrett, A.J., A.K. Gray, S. Lyons, D. Clausen, and J. Heifetz. 2003. Preliminary study of population structure in Alaskan northern rockfish, *Sebastes polyspinis*, based on microsatellite and mtDNA variation. In A.J. Gharrett (ed.) Population structure of rougheye, shortraker, and northern rockfish based on analysis of mitochondrial DNA variation and microsatellites: Completion Report. p 1-16. Juneau Center, School of Fisheries and Ocean Sciences. University of Alaska Fairbanks, 11120 Glacier Hwy. Juneau AK 99801.

- Gharrett, A.J., Z. Li, C.M. Kondzela, and A.W. Kendall. 2002. Final report: species of rockfish (*Sebastes* spp.) collected during ABL-OCC cruises in the Gulf of Alaska in 1998-2002. (Unpubl. manuscript. available from the NMFS Auke Bay Laboratory, 11305 Glacier Hwy., Juneau Alaska 99801.)
- Gibbs, P.J., A.J. Collins, and L.C. Collett. 1980. Effect of otter prawn trawling on the macrobenthos of a sandy substratum in a New South Wales estuary. *Australian Journal of Marine and Freshwater Research*. 31:509-516.
- Gilkinson, K., M. Paulin, S. Hurley, and P. Schwinghamer. 1998. Impacts of trawl door scouring on infaunal bivalves: results of a physical trawl door model/dense sand interaction. *Journal of Experimental Marine Biology and Ecology* 224:291-312.
- Goblirsch (Austin 1984) (Figures 3.4-2 and 3.4-42)
- Goddard, P.D., and D.J. Rugh. 1998. "A group of right whales seen in the Bering Sea in July 1996." *Marine Mammal Science*. 14(2):344-349. In National Marine Fisheries Service 2001(a).
- Gordon, D.C., Jr., P. Schwinghamer, T.W. Rowell, J. Prena, K. Gilkinson, W.P. Vass, and D.L. McKeown. 1998. Studies in eastern Canada on the impact of mobile fishing gear on benthic habitat and communities. pp. 63-67 in E.M. Dorsey and J. Pederson, editors. *Effect of Fishing Gear on the Sea Floor of New England*. Conservation Law Foundation. Boston, Massachusetts. p. 160.
- Gotshall, D.W. 1994. Guide to marine invertebrates: Alaska to Baja California. Sea Challengers, Monterey, California. p. 105.
- Goudey and Loverich. 1987. Reducing the bottom impact of Alaskan groundfish trawls. pp. 632-637 in *Proceedings Oceans '87. The Ocean -An International Work Place*. Halifax, Nova Scotia. September 28 - October 1, 1987.
- Grant, J. 2000. Modelling approaches to dredging impacts and their role in scallop population dynamics. Pages 27-36 in ADF&G, 2000. A workshop examining potential fishing effects on population dynamics and benthic community structure of scallops with emphasis on the weathervane scallop *Patinopecten caurinus* in Alaska waters. ADF&G Special Publication 14.
- Grant, W.S., C.I. Zhang, T. Kobayashi, and G. Stahl. 1987. "Lack of genetic stock discretion in Pacific cod (*Gadus macrocephalus*)." *Canadian Journal of Fisheries and Aquatic Science*, 44:490-498. In National Marine Fisheries Service 2001(a).
- Greenstreet, S.P.R., and S.I. Rogers. 2000. "Effects of fishing on non-target fish species." *Effects of Fishing on Non-target Species and Habitats*, M. J. Kaiser and S. J. de Groot, eds., Blackwell Science, Oxford, pp. 217-234.
- Grover, J.J. 1990. "Feeding ecology of late-larval and early juvenile walleye pollock (*Theragra chalcogramma*) from the Gulf of Alaska in 1987." *Fishery Bulletin*, 88(3):463-470. In National Marine Fisheries Service 2001(a).
- Gunderson, D.R. 1971. Evidence that Pacific ocean perch (*Sebastes alutus*) in Queen Charlotte Sound form aggregations that have different biological characteristics. *J. Fish. Res Bd. Can.* 29:1061-1070.
- Hagerman, F.B. 1952. "The biology of the dover sole, *Microstomus pacificus* (Lockington)." *California Division of Fish and Game Fisheries Bulletin*. 78:64. In National Marine Fisheries Service 2001(a).
- Hall, S.J. 1999. *The effects of fishing on marine ecosystems and communities*. Blackwell Science, Oxford. 274 pp.

- Hampton, M.A., P.R. Carlson, H.J. Lee, and R.A. Feely. 1986. "Geomorphology, sediment, and sedimentary processes." *The Gulf of Alaska: Physical Environmental and Biological Resources*, D. W. Hood and S. T. Zimmerman, eds., U.S. Department of Commerce, NOAA and Department of the Interior, MMS. pp. 93-143. *In National Marine Fisheries Service 2001(a).*
- Hanselman, D.H., T.J. Quinn II, J. Heifetz, D. Clausen, and C. Lunsford. 2001. Spatial Inferences from adaptive cluster sampling of GOA rockfish. *Spatial Processes and Management of Marine Populations*, Alaska Sea Grant College Program. Lowell Wakefield Fisheries Symposium. Anchorage, AK., AK-SG-01- 02.
- Hanski, I. 1997. Be diverse, be predictable. *Nature*. 390:440-441.
- Hare, S.R., and R.C. Francis. 1995. "Climate change and salmon production in the Northeast Pacific Ocean. Climate Change and Northern Fish Populations." *Canadian Special Publication of Fisheries and Aquatic Sciences*, 121:357-372. *In National Marine Fisheries Service 2001(a).*
- Hare, S. R., and N.J. Mantua. 2000. "Empirical evidence for Northeast Pacific regime shifts in 1977 and 1989." *Progress in Oceanography*, 46:6-50. *In National Marine Fisheries Service 2001(a).*
- Hare, S.R., N.J. Mantua, and R.C. Francis. 1999. Inverse production regimes: Alaska and West Coast Pacific Salmon. *Fisheries*. 24:6-14.
- Hart, J.L. 1973. "Pacific fishes of Canada." *Fisheries Research Board of Canada Bulletin, 180*, Canadian Government Publishing Centre, Supply and Services Canada, Ottawa, K1A 0S9. p. 740. *In National Marine Fisheries Service 2001(a).*
- Hasegawa, H., and A.R. DeGange. 1982. "The short-tailed albatross, *Diomedea albatrus*: its status, distribution, and natural history." *American Birds*. 36:806-814. *In National Marine Fisheries Service 2001(a).*
- Hatch, S. 2003. Northern fulmar project update. Manuscript for Alaska Seabird Working Group meeting, March 20-21, 2003, Anchorage, AK. 4 p.
- Hatch, S.A., and G.A. Sanger. 1992. "Puffins as samplers of juvenile pollock and other forage fish in the Gulf of Alaska." *Marine Ecology Progress Series*. 80:1-14. *In National Marine Fisheries Service 2001(a).*
- Hatch, S.A., G.V.Byrd, D.B. Irons, and G.L. Hunt Jr. 1990. "Status and ecology of kittiwakes in the North Pacific." *Proceedings of the Pacific Seabird Group Symposium*, Victoria, B.C. pp. 21-25. *In National Marine Fisheries Service 2001(a).*
- Hattori, A., and J.J. Goering. 1986. "Nutrient distributions and dynamics in the eastern Bering Sea." *The Eastern Bering Sea Shelf: Oceanography and Resources*, D. W. Hood and J. A. Calder, eds., University of Washington Press, Seattle, Washington. pp. 975-992. *In National Marine Fisheries Service 2001(a).*
- Healey, M.C. 1991. "Life History of Chinook Salmon (*Oncorhynchus tshawytscha*)." pp. 31-393. *In Groot, C and L. Margolis, eds. 1991. Pacific Salmon Life Histories*. UBC Press, University of British Columbia. Vancouver, B.C.
- Heard, W.R. 1991. "Life History of Pink Salmon (*Oncorhynchus gorbuscha*)." pp.119-230. *In Groot, C and L. Margolis, eds. 1991. Pacific Salmon Life Histories*. UBC Press, University of British Columbia. Vancouver, B.C.
- Heifetz, J. (ed.). 2004. Effects of fishing gear on seafloor habitat: progress report for FY2004. Available at: <http://www.afsc.noaa.gov/abl/MarFish/geareffects.htm>.
- Heifetz, J. 2002. Coral in Alaska: distribution, abundance, and species associations. *Hydrobiologia* 471:(1-3):19-28.

- Heifetz, J. 1997. Workshop of the potential effects of fishing gear on benthic habitat. *NMFS AFSC Processed Report 97-04:17*.
- Heifetz, J., and D.M. Clausen. 1991. Slope rockfish. Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska, Gulf of Alaska Plan Team, ed., North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501-2252. pp. 362-396. *In National Marine Fisheries Service 2001(a)*.
- Heifetz, J., and J.T. Fujioka. 1991. "Movement dynamics of tagged sablefish in the northeastern Pacific Ocean." *Fisheries Research*. 11:355-374. *In National Marine Fisheries Service 2001(a)*.
- Heifetz, J., D.L. Courtney, D.M. Clausen, D. Hanselman, J.T. Fujioka, and J.N. Ianelli. 2002. Slope rockfish. *In Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska*. pp. 295-382. North Pacific Fishery Management Council, 605 W 4th Ave, Suite 306 Anchorage, Alaska 99501.
- Heifetz, J., J.N. Ianelli, and D.M. Clausen. 1997. "Slope rockfish." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska as Projected for 1998, Gulf of Alaska Plan Team, ed., North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501-2252. pp. 248-289. *In National Marine Fisheries Service 2001(a)*.
- Hennick, D.P. 1973. Sea scallop, *Patinopecten caurinus*, investigations in Alaska. Alaska Department of Fish & Game, Division of Commercial Fisheries, Completion Report 5-23-R, Juneau, Alaska.
- Hiatt, T., R. Felthoven, and J.T. Terry. 2002. Stock Assessment and Fishery Evaluation report for the Groundfish Fisheries of the Gulf of Alaska and Bering Sea/Aleutian Island Area: Economic Status of the Groundfish Fisheries off Alaska, 2001. National Marine Fisheries Service, Seattle, WA. November 12.
- Hilborn, R. and C.J. Walters. 1992. *Quantitative Fisheries Stock Assessment: Choice, Dynamics and Uncertainty*. Chapman and Hall. New York. 570p.
- Hill, P.S., and D.P. DeMaster. 1999. "Alaska Marine Mammal Stock Assessments, 1999." NOAA Technical Memorandum, *NMFS-AFSC-110*, U.S. Department of Commerce, NMFS, National Marine Mammal Laboratory, 7600 Sand Point Way NE, Seattle, Washington 98115. p. 166. *In National Marine Fisheries Service 2001(a)*.
- Hill, P.S., J.L. Laake, and E. Mitchell. 1999. Results of a pilot program to document interactions between sperm whales and longline vessels in Alaska waters. NOAA Tech. Mem. NMFS-AFSC-108. 42 pp.
- Hines, A.H. and G.M. Ruiz. 2000. Biological invasions of cold-water coastal ecosystems: ballast-mediated introductions in Port Valdez/Prince William Sound, Alaska. Final Project Report, 15 March 2000. Smithsonian Environmental Research Center, P.O. Box 28, 647 Contees Wharf Road, Edgewater, MD 21037-0028.
- Hirschberger, W.A., and G.B. Smith. 1983. "Spawning of twelve groundfish species in the Alaska and Pacific coast regions, 1975-1981." NOAA Technical Memorandum, *NMFS F/NWC-44*, U.S. Department of Commerce, NOAA. p. 50. *In National Marine Fisheries Service 2001(a)*.
- Hobbs, R.C., and D.J. Rugh. 1999. "The abundance of gray whales in the 1997-98 southbound migration in the eastern North Pacific." paper SC/51/AS10 presented to the IWC Scientific Committee (unpublished). *In National Marine Fisheries Service 2001(a)*.
- Hodge, R.P. (1979). *Dermochelys coriacea schlegeli* (Pacific leatherback) USA: Alaska. *Herpetological Review*, 10(3), pp.102.

- Hollowed, A.B., J.N. Ianelli, and P.A. Livingston. 2000. Including predation mortality in stock assessments: a case study involving Gulf of Alaska walleye pollock. *ICES Journal of Marine Science*. (57): 279-293.
- Hollowed, A.B., S.R. Hare, and W.S. Wooster. 1998. "Pacific-Basin climate variability and patterns of northeast Pacific marine fish production. In Biotic Impacts of Extratropical Climate Variability in the Pacific." Proceedings 'Aha Huliko'a Hawaiian Winter Workshop, University of Hawaii at Manoa. pp. 1-21. In National Marine Fisheries Service 2001(a).
- Hollowed, A.B., E. Brown, J. Ianelli, P. Livingston, B. Megrey, and C. Wilson. 1997. "Walleye pollock," North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501-2252. pp. 362-396. In National Marine Fisheries Service 2001(a).
- Honkalehto, T. 1989. "A length-cohort analysis of walleye pollock based on empirical estimation of cannibalism and predation by marine mammals. Proceedings Intl. Symp. Biol. Management Walleye Pollock, November 1988." Alaska Sea Grant Report, 89-1, University of Alaska Fairbanks, Fairbanks, Alaska 99775. pp. 651-665. In National Marine Fisheries Service 2001(a).
- Hubbs, C.L., and N.J. Wilimovsky. 1964. "Distribution and synonymy in the Pacific Ocean and variation of the Greenland halibut, *Rheinhardtius hippoglossoides* (Walbaum)." *Journal of Fisheries Research Board of Canada*, 21:1,129-1,154. In National Marine Fisheries Service 2001(a).
- Hughes, S.E., R.W. Nelson, and R. Nelson. 1977. Initial assessments of the distribution, abundance, and quality of subtidal clams in the S.E. Bering Sea. U.S. Department of Commerce, NWAFIC Processed Report. 43 p. + appendix. (Available from Northwest Fisheries Science Center, 2725 Montlake Boulevard East, Seattle, WA 98112.)
- Hunt Jr., G.L. 1997. "Physics, zooplankton, and the distribution of least auklets in the Bering Sea - a review." *ICES Journal of Marine Science*, 54:600-607. In National Marine Fisheries Service 2001(a).
- Hunt Jr., G.L., and G.V. Byrd Jr. 1999. "Marine bird populations and the carrying capacity of the eastern Bering Sea." *The Bering Sea: Physical, Chemical and Biological Dynamics*, T. R. Loughlin and K. Ohtani, eds., Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, Alaska 99775. pp. 631-650. In National Marine Fisheries Service 2001(a).
- Hunt Jr., G.L., and N.M. Harrison. 1990. "Foraging habitat and prey taken by least auklets at King Island, Alaska." *Marine Ecology Progress Series*, 65:141-150. In National Marine Fisheries Service 2001(a).
- Hunt Jr., G.L., F. Mehlum, R.W. Russell, D.B. Irons, M.B. Decker, and P.H. Becker. 1999. "Physical processes, prey abundance, and the foraging ecology of seabirds." *Proceedings of the 22nd International Ornithological Congress, held at University of Natal, Durban, South Africa*. pp. 2,040-2,056.
- Hunt Jr., G.L., K.O. Coyle, S. Hoffman, M.B. Decker, and E.N. Flint. 1996c. "Foraging ecology of short-tailed shearwaters near the Pribilof Islands, Bering Sea." *Marine Ecology Progress Series*, 141:1-11. In National Marine Fisheries Service 2001(a).
- Hunt Jr., G.L., M.B. Decker, and A.S. Kitaysky. 1996. "Fluctuations in the Bering Sea Ecosystem as reflected in the reproductive ecology and diets of kittiwakes on the Pribilof Islands, 1975 to 1990." *Aquatic Predators and Their Prey*, S. Greenstreet and M. L. Tasker, eds., Blackwell, London. pp. 142-153. In National Marine Fisheries Service 2001(a).

- Hunt Jr., G.L., M.B. Decker, and A. Kitaysky. 1995. "Fluctuations in the Bering Sea ecosystem as reflected in the reproductive ecology and diets of kittiwakes on the Pribilof Islands, 1975 to 1990." *Aquatic Predators and their Prey*, S. P.R. Greenstreet and M.L. Tasker, eds., Blackwell Scientific Publications, Oxford. *In National Marine Fisheries Service 2001(a)*.
- Hunt Jr., G.L., B. Burgeson, and G.A. Sanger. 1981. "Feeding ecology of seabirds of the eastern Bering Sea." *The Eastern Bering Sea Shelf: Oceanography and Resources*, D. W. Hood and J. A. Calder, eds., University of Washington Press, Seattle, Washington. pp. 629-647. *In National Marine Fisheries Service 2001(a)*.
- Hunt Jr., G.L., P.J. Gould, D.J. Forsell, and H. Peterson Jr. 1981. "Pelagic distribution of marine birds in the eastern Bering Sea." *The eastern Bering Sea shelf: oceanography and resources*, D. W. Hood and J. A. Calder, eds., University of Washington Press. pp. 689-718. *In National Marine Fisheries Service 2001(a)*.
- Hutchings, P. 1990. Review of the effects of trawling on macrobenthic epifaunal communities. *Australian Journal of Marine and Freshwater Research* 41:111-120.
- Ianelli, J.N., C. Minte-Vera, T. Wilderbuer, and T. Sample. 2002. Greenland turbot. In Appendix A Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region. P 255-282. North Pacific Fishery Management Council, 605 West 4th Ave., Suite 306, Anchorage, AK 99501.
- Ianelli, J.N., and S. Gaichas. 1999. "Stock assessment of Gulf of Alaska Thornyheads (*Sebastolobus* spp.)." Stock assessment and fishery evaluation report for the groundfish resources of the Gulf of Alaska as projected for 2000, Gulf of Alaska Plan Team, ed., North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501-2252. pp. 467-510. *In National Marine Fisheries Service 2001(a)*.
- Ianelli, J.N., and T.K. Wilderbuer. 1995. "Greenland turbot (*Reinhardtius hippoglossoides*) stock assessment and management in the Eastern Bering Sea." Alaska Sea Grant Report, *AK-SG-95-04*, University of Alaska, Fairbanks, Fairbanks, Alaska 99775. pp. 407-441. *In National Marine Fisheries Service 2001(a)*.
- Ianelli, J.N., T.K. Wilderbuer, and T.M. Sample. 1997. "Stock assessment of Greenland Turbot." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions, Bering Sea and Aleutian Islands Plan Team, ed., North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501-2252, Anchorage, Alaska 99501. pp. 188-218. *In National Marine Fisheries Service 2001(a)*.
- International Council for the Exploration of the Sea (ICES). 2000. Report of the working group on fishing technology and fish behavior. ICES, Fisheries Technology Committee. ICES CM 2000. p. 51.
- ICES. 1973. Effects of trawls and dredges on the seabed. ICES, Gear and Behavior Committee. ICES CM 1973 /B:2.
- International Pacific Halibut Commission. 1987. "The Pacific Halibut: Biology, Fishery, and Management." Technical Report, 22, International Pacific Halibut Commission, P.O. Box 95009, Seattle, Washington 98145. p. 59. *In National Marine Fisheries Service 2001(a)*.
- International Union for the Conservation of Nature. 2000. International Union for Conservation of Nature and Natural Resources 2000 Red List of Threatened Species. The World Conservation Union, Gland, Switzerland and Cambridge, UK. pp. xviii + 61pp.

- International Whaling Commission. 1997. "Chairman's report of the forty-eighth annual meeting." *Report of the International Whaling Commission*, 47(1):17-55. In National Marine Fisheries Service 2001(a).
- Isaacs, J. D., and R. A. Schartzlose. 1975. Active Animals of the Deep-Sea Floor. *Scientific American*. October, 1975.
- Ito, D. H. 1999. Assessing shortraker and rougheye rockfishes in the GOA: addressing a problem of habitat specificity and sampling capability. Ph.D. Dissertation, Univ. Washington, Seattle. 205 pp.
- Ivanov, B.G. 1993. An interesting mode of feeding of snow crabs, *Chionoecetes* spp. (Crustacea, Decapoda, Majidae), on the ascidian *Halocynthia aurantium*. *Zool. Zh.* 72:27-33.
- Jackson, D.R., and M.P. Ruccio. 2001. Annual Management Report for the Kodiak, Chignik, and South Alaska Peninsula Area Groundfish Fisheries.
- Jacobson, L.D., and R.D. Vetter. 1996. Bathymetric demography and niche separation of thornyhead rockfish: *Sebastolobus alascanus* and *Sebastolobus altivelis*. *Can. J. Fish. Aquat. Sci.* 53: 600-609.
- Jennings, S. and J.D. Reynolds. 2000. Impacts of fishing on diversity: from pattern to process. pp. 235-250. In M.J. Kaiser and S.J. de Groot (eds) *Effects of Fishing on Non-Target Species and Habitats*. Blackwell Science, Oxford. 399 pp.
- Jennings, S., and M.J. Kaiser. 1998. The effects of fishing on marine ecosystems. *Advances in Marine Biology*. 34:203-351.
- Jennings et al. 2001 (Figure 3.4-1, Figure 3.4-43) (pending from Craig Rose)
- Jewett, S.C. 1978. "Summer food of the Pacific cod, *Gadus macrocephalus*, near Kodiak Island, Alaska." *Fishery Bulletin*, 76(3):700-706. In National Marine Fisheries Service 2001(a).
- Jewett, S.C., and H.M. Feder. 1981. "Epifaunal Invertebrates of the Continental Shelf of the Eastern Bering and Chukchi Seas." *The Eastern Bering Sea Shelf: Oceanography and Resources*, D. W. Hood and J. A. Calder, eds., University of Washington Press, Seattle, Washington. pp. 1,131-1,154. In National Marine Fisheries Service 2001(a).
- Johnson, E.A. 1983. "Textural and compositional sedimentary characteristics of the Southeastern Bristol Bay continental shelf, Alaska," M.S., California State University, Northridge, California. In National Marine Fisheries Service 2001(a).
- Johnson, K.A. 2002. A review of national and international literature on the effects of fishing on benthic habitats. NOAA Technical Memorandum NMFS-F/SPO-57. 72 pp.
- Jones, J.B. 1992. Environmental impact of trawling on the seabed: a review. *New Zealand Journal of Marine and Freshwater Research* 26:59-67.
- Kajimura, H., and C.W. Fowler. 1984. "Apex predators in the walleye pollock ecosystem in the eastern Bering Sea and Aleutian Islands regions." NOAA Technical Memorandum, *NMFS F/NWC-62*, U.S. Department of Commerce, NOAA. pp. 193-234. In National Marine Fisheries Service 2001(a).
- Kajimura, H., and T.R. Loughlin. 1988. "Marine mammals in the oceanic food web of the eastern subarctic Pacific." *Bulletin of the Ocean Research Institute, University of Tokyo*, 26 (part II), pp. 187-223. In National Marine Fisheries Service 2001(a).
- Kawamura, A. 1980. "A review of food of balaenopterid whales." *Scientific Report of the Whales Research Institute Tokyo*, 32:155-197. In National Marine Fisheries Service 2001(a).

- Kawamura, A. 1973. "Food and feeding of sei whales caught in the waters south of 40 degrees North in the North Pacific." *Scientific Report of the Whales Research Institute Tokyo*, 25:219-236. In National Marine Fisheries Service 2001(a).
- Kawakami, T. 1980. "A review of sperm whale food." Scientific Report of the Whales Research Institute Tokyo, 32:199-218. In National Marine Fisheries Service 2001(a).
- Kenchington, E.L.R., J. Prena, K.D. Gilkinson, D.C. Gordon Jr., K. MacIssace, C. Bourbonnais, P.J. Schwinghamer, T.W. Rowell, D.L. McKeown, and W.P. Vass. 2001. Effects of experimental otter trawling on the macrofauna of a sandy bottom ecosystem on the Grand Banks of Newfoundland. *Canadian Journal of Fisheries and Aquatic Science* 58:1,043-1,057.
- Kendall, A.W., and W.H. Lenarz. 1986. "Status of early life history studies of northeast Pacific rockfishes." *Proceedings of the International Rockfish Symposium*, Anchorage, Alaska, pp. 99-117. In National Marine Fisheries Service 2001(a).
- Kendall Jr., A.W., and J.R. Dunn. 1985. Ichthyoplankton of the continental shelf near Kodiak Island, Alaska. NOAA Tech. Rep. NMFS 20, U.S. Department of Commerce, NOAA, National Marine Fisheries Service.
- Kendall Jr., A.W., M.E. Clarke, M.M. Yoklavich, and G.W. Boehlert. 1987. "Distribution, feeding and growth of larval walleye pollock, *Theragra chalcogramma*, from Shelikof Strait, Gulf of Alaska." *Fishery Bulletin*, 85(3). pp. 499-521. In National Marine Fisheries Service 2001(a).
- Kenyon, K.W. and D.W. Rice. 1961. "Abundance and distribution of the Steller sea lion." *Journal of Mammalogy*, 42:223-234. In National Marine Fisheries Service 2001(a).
- Kessler, D.W. 1985. Alaska's Saltwater Fishes and Other Sea Life: a Field Guide. Alaska Northwest Pub., Anchorage, Alaska. p. 358.
- Ketchen, K. S. 1964. "Preliminary results of studies on a growth and mortality of Pacific cod (*Gadus macrocephalus*) in Hecate Strait, British Columbia." *Journal of the Fisheries Research Board of Canada*, 21:1,051-1,067. In National Marine Fisheries Service 2001(b).
- Kibal'chich, A.A., G.A. Dzhamanov, and M.V. Ivashin. 1986. "Records of bowhead and gray whales in the early winter in the Bering Sea." *Report of the International Whaling Commission*, 36:291-292. In National Marine Fisheries Service 2001(a).
- Kimura, D.K., A.M. Shimada, and F.R. Shaw. 1998. Stock structure and movement of tagged sablefish, *Anoplopoma fimbria*, in offshore northeast Pacific waters and the effects of El Niño-Southern Oscillation on migration and growth. *Fish. Bull.* 96: 462-481.
- Kimura, D.K., and L.L. Ronholt. 1988. "Atka mackerel." NOAA Technical Memorandum, NMFS F/NWC-139, U.S. Department of Commerce, NOAA. pp. 143-171. In National Marine Fisheries Service 2001(a).
- Kinder, T.H., and J.D. Schumacher. 1981. "Hydrographic Structure Over the Continental Shelf of the Southeastern Bering Sea." *The Eastern Bering Sea Shelf: Oceanography and Resources*, D. W. Hood and J. A. Calder, eds., University of Washington Press, Seattle, Washington. pp. 31-52. In National Marine Fisheries Service 2001(a).
- Klumov, S.K. 1962. "The northern right whales in the Pacific Ocean." *Trudy Instituta Okeanologii (Akademii Nauk SSSR)*, 58:202-297. In National Marine Fisheries Service 2001(a).
- Knechtel, C.D., and L.J. Bledsoe. 1983. "A numerical simulation model of the population dynamics of walleye pollock, *Theragra chalcogramma* (Pallas 1811), in a simplified ecosystem: Part II, Model calibration, validation, and exercise." NOAA Technical Memorandum, NMFS F/NWC-50, U.S. Department of Commerce, NOAA. p. 264. In National Marine Fisheries Service 2001(a).

- Knechtel, C.D., and L.J. Bledsoe. 1981. "A numerical simulation model of the population dynamics of walleye pollock, *Theragra chalcogramma* (Pallas 1811), in a simplified ecosystem. Part I, Model Description." NOAA Technical Memorandum, *NMFS F/NWC-19*, U.S. Department of Commerce, NOAA. p. 212. *In* National Marine Fisheries Service 2001(a).
- Koltun, V.L. 1955. Phylum Spongia, p. 45-69. *In*: Atlas of the invertebrates of the far eastern seas of the USSR. E. N. Pavlovskii (ed.). Academy of Sciences of the USSR Zoological Institute. Moscow - Leningrad. (Translated by Israel Program for Scientific Translations, 1966. Available from U.S. Dep. Commer., NTIS, Springfield, Virginia. as TT 66-51067).
- Kornev, S.I. 1994. "A note on the death of a right whale (*Eubalaena glacialis*) off Cape Lopakta (Kamchatka)." Special Issue 15, Report of the International Whaling Commission. pp. 443-444. *In* National Marine Fisheries Service 2001(a).
- Koslow, J.A., K. Gowlett-Holmes, J. Lowry, T. O'Hara, G. Poore, and A. Williams. 2001. The seamount benthic macrofauna off southern Tasmania: community structure and impacts of trawling. *Marine Ecology Progress Series* 213:111-125.
- Koslow, J.A., and K. Garrett-Holmes. 1998. The seamount fauna off southern Tasmania: benthic communities, their conservation and impacts of trawling. Final report to Environment Australia and the Fisheries Research Development Corporation. FRDC Project 95/058.
- Kramer, D.E., and V.M. O'Connell. 1988. "Guide to Northeast Pacific Rockfishes: Genera *Sebastes* and *Sebastolobus*." *Alaska Sea Grant Advisory Bulletin*, 25. *In* National Marine Fisheries Service 2001(a).
- Krieger, K.J. 1997. "Sablefish, *Anoplopoma fimbria*, observed from a manned submersible." NOAA Technical Report, *NMFS 130*, U.S. Department of Commerce, NOAA, Seattle, Washington. *In* National Marine Fisheries Service 2001(a).
- Krieger, K.J. 1993. Distribution and abundance of rockfish determined from a submersible and by bottom trawling. *Fish. Bull.* 91:87-96.
- Krieger, K.J. 1985. "Food habits and distribution of first-year walleye pollock, *Theragra chalcogramma* (Pallas), in Auke Bay, Southeastern Alaska," Masters Thesis, University of Alaska Southeast, 11120 Glacier Highway, Juneau, Alaska 99801. *In* National Marine Fisheries Service 2001(a).
- Kreiger, K.J., and D.H. Ito. 1999. "Distribution and abundance of shortraker rockfish, *Sebastes borealis*, and roughey rockfish, *S. aleutianus*, determined from a manned submersible." *Fishery Bulletin*, 97:264-272. *In* National Marine Fisheries Service 2001(a).
- Krieger, K.J., and B.L. Wing. 2002. Megafauna associations with deepwater corals (*Primnoa* spp.) in the GOA. *Hydrobiologia*. 471: 83-90.
- Krieger, K.J., and B.L. Wing. 2000. "Megafauna associations with gorgonian coral (*Primnoa* spp.) in the Gulf of Alaska," NMFS, Auke Bay Laboratory, 11305 Glacier Highway, Juneau, Alaska 99801. *In* National Marine Fisheries Service 2001(a).
- Kruse, G.H., J.P. Barnhart, G.E. Rosenkranz, F.C. Funk, and D. Pengilly. J. 2000. History and development of the scallop fishery in Alaska. Pages 6-12 in ADF&G, 2000. A workshop examining potential fishing effects on population dynamics and benthic community structure of scallops with emphasis on the weathervane scallop *Patinopecten caurinus* in Alaska waters. ADF&G Special Publication 14.
- Kruse, G.H., F.C. Funk, H.J. Geiger, K.R. Mabry, H.M. Savikko, and S.M. Siddeek. 2000. Overview of state-managed marine fisheries in the Central and Western Gulf of Alaska, Aleutian Islands, and Southeastern Bering Sea, with reference to Steller sea lions. Alaska Department of Fish and Game, Regional Information Report 5J00-10. p. 173.

- Kuletz, K.J. 1983. "Mechanisms and consequences of foraging behavior in a population of breeding pigeon guillemots," Masters Thesis, University of California, Irvine, California. *In National Marine Fisheries Service 2001(a).*
- Lacalli, T. 1981. Annual spawning cycles and planktonic larvae of benthic invertebrates from Passamaquoddy Bay, New Brunswick, Canada. *J. Zool.* 59:433-440.
- Laevastu, T., and H.A. Larkins. 1981. *Marine fisheries ecosystem, its quantitative evaluation and management*, Fishing News Books Ltd., Farnham, Surrey, England. p. 159. *In National Marine Fisheries Service 2001(a).*
- Laidig, T.E., P.B. Adams, and W.M. Samiere. 1997. "Feeding habits of sablefish, *Anoplopoma fimbria*, off the coast of Oregon and California." NOAA Technical Report, *NMFS 130*, U.S. Department of Commerce, NOAA, Seattle, Washington. *In National Marine Fisheries Service 2001(a).*
- Lang, G.M, G.H. Derrah, and P.A. Livingston. 2003. Groundfish food habits and predation on commercially important prey species in the eastern Bering Sea from 1993 through 1996. AFSC processed report 2003-04. NMFS, NOAA, Dept. Commer., U.S.
- Lang, G.M., and P.A. Livingston. 1996. "Food habits of key groundfish species in the eastern Bering Sea slope region." NOAA Technical Memorandum, *NMFS-AFSC-297*, U.S. Department of Commerce, NOAA. p. 110. *In National Marine Fisheries Service 2001(a).*
- Leatherwood, S., R.R. Reeves, W.F. Perrin, and W.E. Evans. 1982. "Whales, dolphins, and porpoises of the eastern North Pacific and adjacent Arctic waters: A guide to their identification." NOAA Technical Report, *NMFS Circular 444*, DOC, NOAA, NMFS, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, Washington 98115. p. 245. *In National Marine Fisheries Service 2001(b).*
- LeBrasseur, R.J. 1966. "Stomach contents of Salmon and Steelhead Trout in the Northeastern Pacific Ocean." *Journal of Fisheries Research Board of Canada.* 23(1). pp. 85-100.
- LeDuc, R., J. Carretta, and W. Perryman. 2002. Summary of SWFSC research efforts on right whales from 1998-2002. Unpublished manuscript, Southwest Fisheries Science Center, NMFS, LaJolla, California. p. 8.
- Lee, S.H., and D.M. Schell. 1999. "Climate change effects on bowhead whale feeding: stable isotope evidence." Abstracts of the 13th biennial conference on the biology of marine mammals, Nov. 28-Dec. 3, Society of Marine Mammalogy. p. 106. *In National Marine Fisheries Service 2001(a).*
- Levings, C.S.M. 1968. "Fertilized eggs of the butter sole, *Isopsetta isolepis*. In Skidegate Inlet, British Columbia." *Journal of the Fisheries Research Board of Canada*, 25(8):1,743-1,744. *In National Marine Fisheries Service 2001(a).*
- Lindeboom, H.J., and S.J. De Groot. 1998. Impact II. The effects of different types of fisheries on the North Sea and Irish Sea benthic ecosystems. NIOZ Rapport 1998-1. p. 404.
- Lindgarth, M., D. Valentinsson, M. Hansson and M. Ulmestrand. 2000. Effects of trawling disturbances on temporal and spatial structure of benthic soft-sediment assemblages in Gullmarsfjorden, Sweden. *ICES J. Mar Sci.* 57:1,369-1,376.
- Lindholm, J.B. P.J. Auster, and L.S. Kaufman. 1999. Habitat-mediated survivorship of juvenile (0-year) Atlantic cod *Gadus morhua*. *Mar. Ecol. Prog. Ser.* 180:247-255.
- Lipcius, R.N., E.J. Olmi III, and J. Van Montfrans. 1990. Planktonic availability, molt stage, and settlement of blue crab post-larvae. *Mar Ecol Prog Ser* 58:236-242.
- Livingston, P., ed. 2002. Ecosystem Considerations for 2003. Appendix C of EA/IRFA for the TAC for the Year 2003 Alaska Groundfish Fisheries Council. Anchorage. 230 pp.

- Livingston, P.A. 1994. Overview of multispecies interactions involving walleye pollock in the eastern Bering Sea and Gulf of Alaska. *ICES C.M.* 1994/P:1, 15p.
- Livingston, P.A. 1993. "Importance of predation by groundfish, marine mammals and birds on walleye pollock and Pacific herring in the eastern Bering Sea." *Marine Ecology Progress Series*, 102:205-215. In National Marine Fisheries Service 2001(b).
- Livingston, P.A. 1991a. "Groundfish food habits and predation on commercially important prey species in the Eastern Bering Sea from 1984-1986." NOAA Technical Memorandum, *NMFS F/NWC-207*, U.S. Department of Commerce, NOAA. p. 240. In National Marine Fisheries Service 2001(a).
- Livingston, P.A. 1991b. "Total groundfish consumption of commercially important prey." NOAA Technical Memorandum, *NMFS F/NWC-207*, U.S. Department of Commerce, NOAA. p. 240. In National Marine Fisheries Service 2001(a).
- Livingston, P.A. 1989. "Key fish species, northern fur seals (*Callorhinus ursinus*), and fisheries interactions involving walleye pollock (*Theragra chalcogramma*), in the eastern Bering Sea." *Journal of Fisheries Biology*, 35:179-186. In National Marine Fisheries Service 2001(b).
- Livingston, P.A. 1985. "Summer food habits of young-of-the-year walleye pollock, *Theragra chalcogramma*, in the Kodiak area of the Gulf of Alaska during 1985." Unpublished manuscript, DOC, NOAA, NMFS, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, Washington 98115.
- Livingston, P.A., and J. Jurado-Molina. 1999. A multispecies virtual population analysis of the eastern Bering Sea. *ICES J. Mar. Sci.* 56: (in press)
- Livingston, P.A. and R.D. Methot. 1998. Incorporation of predation into a population assessment model of eastern Bering Sea walleye pollock. P. 663-678. In: Fishery Stock Assessment Models. Alaska Sea Grant College Program Publication AK-SG-98-01. 1037 pp.
- Livingston, P.A., and B.J. Goiney. 1983. "Food habits literature of North Pacific marine fishes: A review and selected bibliography." NOAA Technical Memorandum, *NMFS F/NWC-54*, U.S. Department of Commerce, NOAA. p. 81. In National Marine Fisheries Service 2001(a).
- Livingston, P.A., and S. Tjelmeland. 2000. "Fisheries in boreal ecosystems." *ICES Journal of Marine Science*. p. 57. In National Marine Fisheries Service 2001(a).
- Livingston, P.A., and Y. DeReynier. 1996. "Groundfish food habits and predation on commercially important prey species in the eastern Bering Sea from 1990 to 1992." AFSC Processed Report, 96-04, DOC, NOAA, NMFS, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, Washington 98115. p. 214. In National Marine Fisheries Service 2001(a).
- Livingston, P.A., L.L. Low, and R.J. Marasco. 1999. "Eastern Bering Sea Ecosystem Trends." Large Marine Ecosystems of the Pacific Rim: Assessment, Sustainability, and Management, K. Sherman and Q. Tang, eds., Blackwell Science, Inc., Malden, Massachusetts. pp. 140-162. In National Marine Fisheries Service 2001(a).
- Livingston, P.A., A. Ward, G.M. Lang, and M.S. Yang. 1993. "Groundfish food habits and predation on commercially important prey species in the eastern Bering Sea from 1987 to 1989." NOAA Technical Memorandum, *NMFS-AFSC-11*, U.S. Department of Commerce, NOAA. p. 192. In National Marine Fisheries Service 2001(a).
- Loughlin, T., and R. Nelson, Jr. 1986. "Incidental mortality of northern sea lions in Shelikof Strait." *Alaska Mar. Mann. Sci.* 2:14-33.

- Loughlin, T.R., D.J. Rugh, and C.H. Fiscus. 1984. "Northern sea lion distribution and abundance: 1956 - 80." *Journal of Wildlife Management*, 48(3):729-740. In National Marine Fisheries Service 2001(a).
- Loughlin, T.R., and M.A. Perez. 1985. "*Mesoplodon stejnegeri*." *Mammalian Species*, 250. In National Marine Fisheries Service 2001(a).
- Loughlin, T.R., J.T. Sterling, R.L. Merrick, J.L. Sease, A.E. York, I. 2003. Diving behavior of immature Steller sea lions (*Eumatopias jubatus*). *Fishery Bulletin*. 101(3):566-582.
- Love, M.S., M. Yoklavich, and L. Thorsteinson. 2002. The rockfishes of the northeast Pacific. U. of Calif. Press, Berkeley. 405 pp.
- Lovrich, G.A., and B. Sainte-Marie. 1997. "Cannibalism in the snow crab, *Chionoecetes opilio* (O. Fabricius)(Brachyura: Majidae), and its potential importance to recruitment." *Journal of Experimental Marine Biology and Ecology*, 211:225-245. In National Marine Fisheries Service 2001(a).
- Lowe, S., J. Ianelli, H. Zenger, and R. Reuter. 2002. Atka mackerel in Stock Assessment and Evaluation Report for the Groundfish Resources of the BS/AI Regions. North Pacific Fishery Management Council, P.O. Box 103036, Anchorage, Alaska, 99510.
- Lowe, S.A., D.M. Van Doornik, and G.A. Winans. 1998. "Geographic variation in genetic and growth patterns of the Atka mackerel *Pleurogrammus monopterygius*(Hexagrammidae) in the Aleutian Archipelago." *Fishery Bulletin*, 96:502-515. In National Marine Fisheries Service 2001(a).
- Lowe, S.A., and L.W. Fritz. 1999. "Atka mackerel." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands as Projected for 2000, Bering Sea and Aleutian Islands Plan Team, ed., North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501-2252. pp. 569-638. In National Marine Fisheries Service 2001(a).
- Lowry, L.F., and K.J. Frost. 1985. "Biological interactions between marine mammals and commercial fisheries in the Bering Sea." Marine mammals and fisheries, J. R. Beddington, R. J. H. Beverton, and D. M. Lavigne, eds., George Allen & Unwin, London. pp. 42-61. In National Marine Fisheries Service 2001(a).
- Lowry, L.F., K.J. Frost, D.G. Calkins, G.L. Swartzman, and S. Hills. 1982. "Feeding habits, food requirements, and status of Bering Sea marine mammals." *Document Nos. 19 and 19A*, North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501-2252. p. 574. In National Marine Fisheries Service 2001(a).
- Lowry, L.F., K.J. Frost, and T.R. Loughlin. 1989. "Importance of walleye pollock in the diets of marine mammals in the Gulf of Alaska and Bering Sea, and implications for fishery management." Alaska Sea Grant Report, *AK-SG-89-01*, Anchorage, Alaska. pp. 701-726. In National Marine Fisheries Service 2001(a).
- Lowry, L.F., V.N. Burkanov, and K.J. Frost. 1997. "Importance of walleye pollock in the diet of phocid seals in the Bering Sea and northwestern Pacific Ocean." NOAA Technical Report, *NMFS 126*, U.S. Department of Commerce, NOAA. In National Marine Fisheries Service 2001(a).
- Lunsford, C.R., L. Haldorson, J.T. Fujioka, and T J. Quinn II. 2001. Distribution patterns and survey design considerations of Pacific ocean perch (*Sebastes alutus*) in the Gulf of Alaska. Spatial Processes and Management of Marine Populations, Alaska Sea Grant College Program. Lowell Wakefield Fisheries Symposium. Anchorage, Alaska., AK-SG-01- 02.
- Lunsford, C.R. 1999. Distribution patterns and reproductive aspects of Pacific ocean perch (*Sebastes alutus*) in the GOA. Master's Thesis. Univ. of Alaska Fairbanks, Juneau, AK. 154 pp.

- Lyver, P.O., H. Moller, and C. Thompson. 1999. "Changes in sooty shearwater *Puffinus griseus* chick production and harvest precede ENSO events." *Marine Ecology Progress Series*, 188:237-248. In National Marine Fisheries Service 2001(a).
- Mabry, K., Haverland, T., Gebert, S., Woodby, D. 2003. An Inventory of Marine Managed Areas in Alaska. Regional Information Report (number is yet to be determined), Division of Commercial Fisheries, Alaska Department of Fish and Game, Juneau.
- MacDonald, B.A. 2000. Potential impacts of increased particle concentrations on scallop feeding and energetics. Pages 20-26 in ADF&G, 2000. A workshop examining potential fishing effects on population dynamics and benthic community structure of scallops with emphasis on the weathervane scallop *Patinopecten caurinus* in Alaska waters. ADF&G Special Publication 14.
- MacIntosh, R.A., and J.A. Haaga. 2000. Habitat areas of particular concern (HAPC: Eastern Bering Sea invertebrates. NMFS-AFSC, Kodiak Lab. Unpublished manuscript.
- Macy, P.T., J.M. Wall, N.D. Lampsakis, and J.E. Mason. 1978. "Resource of non-salmonid pelagic fishes of the Gulf of Alaska and eastern Bering Sea." NOAA Processed Report, 103, Pt 1, U.S. Department of Commerce. p. 355. In National Marine Fisheries Service 2001(a).
- Maguire, J.A., A. Coleman, S. Jenkins and G.M. Burnell. 2002. The effects of repeated dredging and speed of tow on undersized scallops. *Fish. Res.* 58:367-377.
- Major, R.L., and H.H. Shippen. 1970. Synopsis of biological data on Pacific ocean perch, *Sebastes alutus*. FAO Fisheries Synopsis No. 79, NOAA Circular 347, 38 pp.
- Malecha, P.W., R.P. Stone, and J. Heifetz. 2002 unpublished. Living substrate in Alaska: Distribution, abundance, and species associations. NMFS Auke Bay Laboratory. Unpublished manuscript.
- Maloney, N.E. 2002. Report to Industry on the Alaska Sablefish Tag Program, 1972-2001. National Marine Fisheries Service Alaska Fisheries Science Center Auke Bay Laboratory, AFSC Processed Report 2001-01.
- Maloney, N.E., and J. Heifetz. 1997. "Movements of tagged sablefish, *Anoplopoma fimbria*, released in the eastern Gulf of Alaska." NOAA Technical Report, NMFS 130, U.S. Department of Commerce, NOAA, Seattle, Washington.
- Mantua, N.J., S.R. Hare, Y. Zhang, J.M. Wallace, and R.C. Francis. 1997. "A pacific interdecadal climate oscillation with impacts on salmon production." *Bulletin of the American Meteorological Society*, 78(6). In National Marine Fisheries Service 2001(a).
- Manzer, J.I. 1968. "Food of Pacific salmon and steelhead trout in the northeastern Pacific Ocean." *Journal of Fisheries Research Board of Canada*. 25(5):1,085-1,089.
- Martin, M.H., and D.M. Clausen. 1995. "Data report: 1993 Gulf of Alaska bottom trawl survey." NOAA Technical Memorandum, NMFS-AFSC-59, U.S. Department of Commerce, NOAA. p. 217. In National Marine Fisheries Service 2001(a).
- Matarese, A.C., D.M. Blood, S.J. Picquelle, and J.L. Benson. 2003. Atlas of abundance and distribution patterns of ichthyoplankton from the northeast Pacific Ocean and Bering Sea ecosystems based on research conducted by the Alaska Fisheries Science Center (1972-1996). NOAA Professional Paper. 281 pp.
- Matarese, A. C., A.W. Kendall, Jr., D.M. Blood, and B.M. Vinter. 1989. Laboratory guide to early life history stages of northeast Pacific fishes. NOAA Tech. Rep. NMFS 80, 652 pp.
- Matthews, K.R., J.R. Candy, L.J. Richards, and C.M. Hand. 1989. Experimental gillnet fishing on trawlable and untrawlable areas off northwestern Vancouver Island, from the MV Caledonian, August 15-28, 1989. *Can. Manuscr. Rep. Fish. Aquat. Sci.* 2046. p. 78.

- Mayer, L.M., D.F. Schick, R.H. Findlay and D.L. Rice. 1991. Effects of commercial dragging on sedimentary organic matter. *Marine Environmental Research* 31:249-261.
- McConnaughey, R. No date. Unpublished data from the Alaska Fisheries Science Center trawl survey and longline survey databases. Seattle, WA.
- McConnaughey, R.A., and K.R. Smith. 2000. Associations between flatfish abundance and surficial sediments in the eastern Bering Sea. *Can. J. Fisher. Aquat. Sci.* 57(12):2,410-2,419.
- McConnaughey, R.A., K.L. Mier, and C.B. Dew. 2000. An examination of chronic trawling on soft-benthos of the eastern Bering Sea. *ICES Journal of Marine Science.* 57(5):1377-1388.
- McConnaughey, R.A., S.E. Syrjala, C.B. Dew. 2003. Effects of chronic bottom trawling on the size structure of soft-bottom benthic invertebrates. Proceedings of the Symposium on Effects of Fishing Activities on Benthic Habitats: Linking Geology, Biology, Socioeconomics, and Management. American Fisheries Symposium XX. Bethesda, Maryland. [Accepted for publication.]
- McDermott, S.F. 1994. "Reproductive biology of rougheye and shortraker rockfish, *Sebastes aleutianus* and *Sebastes borealis*," Masters Thesis, University of Washington, Seattle, Washington. In National Marine Fisheries Service 2001(a).
- McDermott, S.F., and S.A. Lowe. 1997. "The reproductive cycle of Atka mackerel (*Pleurogrammus monopterygius*) in Alaska waters." *Fishery Bulletin*, 95(2):231-333. In National Marine Fisheries Service 2001(a).
- McDevitt, S.A. 1990. Growth analysis of sablefish from mark-recapture data from the northeast Pacific. M.S. University of Washington. 87 pp.
- McDonald, M.A. 1999. "Passive acoustic methods applied to fin whale population density estimation." *Journal of the Acoustical Society of America (Lancaster, Pennsylvania)*, 105(5):2,643-2,647. In National Marine Fisheries Service 2001(a).
- McDonald, M.A. and S.E. Moore. 2002. Calls recorded from North Pacific right whales (*Eubalaena japonica*) in the eastern Bering Sea. *J. Cetacean Res. Manage.* 4(3):261-266.
- McDonald, M.A., J.A. Hildebrand, and S.C. Webb. 1995. "Blue and fin whales observed on a seafloor array in the Northeast Pacific." *Journal of the Acoustical Society of America (Lancaster, Pennsylvania)*, 98(2):712-720. In National Marine Fisheries Service 2001(a).
- McFarlane, G.A. and R.J. Beamish. 1992. Climatic influence linking copepod production with strong year-classes in sablefish, *Anoplopoma fimbria*. *Can. J. Fish. Aquat. Sci.* 49: 743-753.
- McFarlane, G.A., and R.J. Beamish. 1990. "Effect of an external tag on growth of sablefish (*Anoplopoma fimbria* and consequences to mortality and age at maturity." *Canadian Journal of Fisheries and Aquatic Science*, 47:1,551-1,557. In National Marine Fisheries Service 2001(a).
- McFarlane, G.A., and W.D. Nagata. 1988. "Overview of sablefish mariculture and its potential for industry." Alaska Sea Grant Report, 88-4, University of Alaska, Fairbanks, Fairbanks, Alaska 99775. pp. 105-120. In National Marine Fisheries Service 2001(a).
- McMurray, G., A.H. Vogel, P.A. Fishman, D.A. Armstrong, and S.C. Jewett. 1984. Distribution of larval and juvenile red king crabs (*Paralithodes camtschatica*) in Bristol Bay. p. 267-477. In: Outer Continental Shelf Environmental Assessment Program (OCSEAP), Final Reports of Principal Investigators: 53 RU 639. U.S. Dep. Commer., NOAA.
- Melvin, E.F., and J.K. Parish, eds. 2001. Seabird bycatch: trends, roadblocks, and solutions. University of Alaska, Sea Grant Report AK-SG-01-01. 206 p.

- Merati, N., and R.D. Brodeur. 1997. "Feeding habits and daily ration of juvenile walleye pollock in the western Gulf of Alaska." NOAA Technical Report, *NMFS 126*, U.S. Department of Commerce, NOAA. pp. 65-80. *In National Marine Fisheries Service 2001(a).*
- Merrick, R.L., and D.G. Calkins. 1996. "Importance of juvenile walleye pollock, *Theragra chalcogramma*, in the diet of Gulf of Alaska Steller sea lions, *Eumetopia jubatus*." NOAA Technical Memorandum, *126*, U.S. Department of Commerce, NOAA. pp. 153-166. *In National Marine Fisheries Service 2001(a).*
- Merrick, R.L., and D.G. Calkins. 1995. "Importance of juvenile walleye pollock in the diet of Gulf of Alaska sea lions," Unpublished manuscript. National Marine Fisheries Service, National Marine Mammal Laboratory, 7600 Sand Point Way NE, Seattle, Washington 98115. p. 35. *In National Marine Fisheries Service 2001(a).*
- Merrick, R.L., and T.R. Loughlin. 1997. "Foraging behavior of adult female and young-of-the-year Steller sea lions (*Eumetopias jubatus*) in Alaskan waters." *Canadian Journal of Zoology*, 75(5):776-786. *In National Marine Fisheries Service 2001(a).*
- Merrick, R.L., T.R. Loughlin, G.A. Antonelis, and R. Hill. 1994. Use of satellite-linked telemetry to study Steller sea lion and northern fur seal foraging. *Polar Res.* 13: 105-114.
- Methot, R.D. 1990. "Synthesis model: An adaptable framework for analysis of diverse stock assessment data." *International North Pacific Fisheries Commission Bulletin*, 50, International North Pacific Fisheries Commission, 6640 Northwest Marine Drive, Vancouver, BC, Canada V6T 1X2. pp. 259-277. *In National Marine Fisheries Service 2001(a).*
- Mikawa, M. 1963. Ecology of the lesser halibut, *Reinhardtius hippoglossoides matsuurae* Jordan and Snyder. *Bull. Tohoku Reg. Fish. Res. Lab.* 29:1-41.
- Mizue, K. 1951. "Food of whales in the adjacent waters of Japan." *Scientific Report of the Whales Research Institute Tokyo*, 5:81-90. *In National Marine Fisheries Service 2001(a).*
- Moles, A. and B. L. Norcross. 1995. Sediment preference in juvenile Pacific flatfishes. *Neth. J. Sea Res.* 34(1-3): 177-182 (1995).
- Moloney, C.L., J. Cooper, P.G. Ryan, and W.R. Siegfried. 1994. "Use of a population model to assess the impact of longline fishing on wandering albatross *Diomedea exulans*." *In National Marine Fisheries Service 2001(a).*
- Moore, S.E. and R.R. Reeves. 1993. "Distribution and movement." The bowhead whale, J. J. Burns, J. J. Montague, and C. J. Cowles, eds., *Soc. Mar. Mammalogy*. pp. 313-386. *In National Marine Fisheries Service 2001(a).*
- Moore, S.E., K.M. Stafford, M.E. Dahlheim, C.G. Fox, H.W. Braham, J.J. Polovina, and D.E. Bain. 1998. "Seasonal variation in reception of fin whale calls at five geographic areas in the North Pacific." *Marine Mammal Science*, 14(3):617-627. *In National Marine Fisheries Service 2001(a).*
- Moran, M.J., and P.C. Stephenson. 2000. Effects of otter trawling on macrobenthos and management of demersal scalefish fisheries on the continental shelf of north-western Australia. *ICES Journal of Marine Science* 57:510-516.
- Morris, B.F. 1981. "An assessment of the living marine resources of the central Bering Sea and potential resource use conflicts between commercial fisheries and Petroleum development in the Navarin Basin, Proposed sale No. 83," U.S. Department of Commerce, NOAA, NMFS, Environmental Assessment Division, P.O. Box 21668, Juneau, Alaska 99802, Anchorage, Alaska. *In National Marine Fisheries Service 2001(a).*

- Morris, B.F., M.S. Altonm, and H.W. Braham. 1983. "Living Marine Resources of the Gulf of Alaska." NOAA Technical Memorandum, *NMFS F/AKR-5*, U.S. Department of Commerce. pp. 1-232. *In National Marine Fisheries Service 2001(a).*
- Morrison, R., R. Gish, M. Ruccio, and M. Schwenzfeier. 1998. "Annual Area Management Report for the Shellfish Fisheries of the Bering Sea," State of Alaska, Department of Fish and Game, P.O. Box 25526, Juneau, Alaska 99802. *In National Marine Fisheries Service 2001(a).*
- Moser, H.G. 1974. Development and distribution of larvae and juveniles of *Sebastolobus* (Pisces: family Scorpaenidae). *Fish. Bull.* 72:865-884.
- Mrosovsky, N. 1993. World's largest aggregation of sea turtles to be jettisoned. *Mar. Turtle Newsl.* 63.(Supplement):2-3.
- Mueter, F.J. 1999. "Spatial and temporal patterns in the Gulf of Alaska groundfish community in relation to the environment," Ph.D., University of Alaska Fairbanks, Fairbanks, Alaska 99775. *In National Marine Fisheries Service 2001(a).*
- Murawski, S. 2000. Definitions of overfishing from an ecosystem perspective. *ICES J. Marine Science.* 57:649-658.
- Murawski, S.A., and F.M. Serchuk. 1989. Environmental effects of offshore dredge fisheries for bivalves. *ICES CM 1989/K27.* 12 p.
- Murie, O.J. 1959. "Fauna of the Aleutian Islands and Alaska Peninsula." *U.S. Fish and Wildlife Service North America Fauna*, 61:1-364. *In National Marine Fisheries Service 2001(a).*
- Murphy, E.C., R.A. Cooper, P.D. Martin, C.B. Johnson, B.E. Lawhead, A.M. Springer, and D.L. Thomas. 1987. "The population status of seabirds on St. Matthew and Hall Islands, 1985 and 1986." OCS Study, *MMS 87-0043*, U.S. Department of the Interior, Minerals Management Service, Anchorage, Alaska. *In National Marine Fisheries Service 2001(a).*
- Murphy, E.C., R.H. Day, K.L. Oakley, and A.A. Hoover. 1984. "Dietary changes and poor reproductive performance in glaucous-winged gulls." *Auk*, 101:532-541. *In National Marine Fisheries Service 2001(a).*
- Musgrave, D.L., T.J. Weingartner, and T.C. Royer. 1992. "Circulation and hydrography in the northwest Gulf of Alaska." *Deep-Sea Research*, 39:1,499-1,519. *In National Marine Fisheries Service 2001(a).*
- Musienko, L.N. 1970. "Razmnozheine i razvitie ryb Beringova morya (Reproduction and development of Bering Sea fishes)." Soviet fisheries investigations in the northeastern Pacific, P.A. Moiseev, ed., National Technical Information Service, Springfield, Virginia. *In National Marine Fisheries Service 2001(a).*
- Naidu, A.S. 1988. Marine surficial sediments. Section 1.4. *In C. N. Ehler, D. J. Basta, T. F. LaPointe, and G. C. Ray (editors). Bering, Chukchi, and Beaufort Seas coastal and oceanzones strategic assessment: Data atlas.* U.S. Dep. Commer., NOAA, Nat'l Ocean Ser., Off. Oceanog. and Mar. Assess., Ocean Assess. Div., Str. Assess. Br. Silver Spring, Maryland.
- Naumenko, E.A. 1984. "Diet of Capelin, *Mallotus villosus socialis* (Osmeridae), in the Bering Sea." *Journal of Ichthyology*, 24(3):130-134. *In National Marine Fisheries Service 2001(a).*
- NEFMC (New England Fishery Management Council). 2002. Draft Amendment 13 to the Northeast multispecies Fishery Management Plan, Including a Draft SEIS and a preliminary regulatory economic evaluation. December 4, 2002.

- Nemoto, T. 1970. "Feeding pattern of baleen whales in the ocean." Marine Food Chains, J. H. Steel, ed., University of California Press, Berkeley, California. pp. 241-252. *In National Marine Fisheries Service 2001(a).*
- Nemoto, T. 1959. "Food of baleen whales with reference to whale movements." *Scientific Report of the Whales Research Institute Tokyo*, 14:149-290. *In National Marine Fisheries Service 2001(a).*
- Nemoto, T., and A. Kawamura. 1977. "Characteristics of food habits and distribution of baleen whales with special reference to the abundance of North Pacific sei and Bryde's whales." *Report of the International Whaling Commission, Special Issue 1*. pp. 80-87. *In National Marine Fisheries Service 2001(a).*
- Nesis, K.N. 1987. *Cephalopods of the world*, TFH Publications, Neptune City, New Jersey. p. 351. *In National Marine Fisheries Service 2001(a).*
- Nichol, D.G., and E.I. Acuna. 2001. "Annual and batch fecundity fo yellowfin sole, *Limanada aspera*, in the eastern Bering Sea." *Fish Bull.* 99(1):108-122.
- Nichol, D.G. 1997. "Effects of geography and bathymetry on growth and maturity of yellowfin sole, *Pleuronectes asper*, in the eastern Bering Sea." *Fishery Bulletin*, 95(3):494-503. *In National Marine Fisheries Service 2001(a).*
- Nichol, D.G. 1994. "Maturation and Spawning of female yellowfin sole in the Eastern Bering Sea." *Proceedings of the International Pacific Flatfish Symposium, October 26-28, 1994, Anchorage, Alaska.* *In National Marine Fisheries Service 2001(a).*
- Nichol, D.G., and D.A. Somerton. 2002. "Diurnal vertical migration the Atka mackerel *Pleurogrammus monopterygius* as shown by archival tags." *Mar. Ecol. Prog. Ser.* 239:193-207.
- Nishiwaki, M. 1966. "Distribution and migration of the larger cetaceans in the North Pacific as shown by Japanese whaling results." *In Whales, Dolphins, and Porpoises*, K.S. Norris, ed., University of California Press, Berkeley, California, Academic Press, New York. pp. 29-44. *In National Marine Fisheries Service 2001(a).*
- NMFS (National Marine Fisheries Service). n.d. Final Regulatory Flexibility Analysis for Amendment 4 to the Fishery Management Plan for the Scallop Fishery off Alaska, to establish as License Limitation Program. NMFS Alaska Region.
- NMFS. 2004. "Alaska Groundfish Fisheries Final Programmatic Supplemental Environmental Impact Statement," DOC, NOAA, National Marine Fisheries Service, Alaska Region, P.O. Box 21668, Juneau, Alaska 99802-1668. June.
- NMFS. 2003a. "Supplement to the Endangered Species Act – Section 7 Consultation Biological Opinion and Incidental Take Statement of the October 2001." National Marine Fisheries Service, Protected Resource Division, Juneau, AK. 187 pp.
- NMFS. 2003b. Draft Addendum to the Biological Opinion and Incidental Take Statement, October 2001. Steller sea lion protection measures final supplemental environmental impact statement.
- NMFS. 2002. Restricted Access Management Program (RAM). The IFQ Program: Report to the Fleet. February.
- NMFS. 2001a. "Alaska Groundfish Fisheries Draft Programmatic Supplemental Environmental Impact Statement," United States Department of Commerce, National Oceanographic and Atmospheric Administration, National Marine Fisheries Service, Alaska Regional Office, P.O. Box 21668, Juneau, AK 99802, January 2001. Pp. Volumes I-VIII approx. 3,300.

- NMFS. 2001b. "Stellar Sea Lion Protection Measures Final Supplemental Environmental Impact Statement," DOC, NOAA, National Marine Fisheries Service, Alaska Region, P.O. Box 21668, Juneau, Alaska 99802-1668. pp. Volumes I-III, p. 2,147.
- NMFS. 2001c. Steller Sea Lion Biological Opinion. Steller Sea Lion Protection Measures Final Supplemental Environmental Impact Statement. Appendix A. U.S Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries, Alaska Region, Juneau, Alaska.
- NMFS. 2001d. Environmental Assessment, Finding of No Significant Impact and Regulatory Impact Review for the Final Regulations to Implement the Essential Fish Habitat Provisions of the Magnuson-Stevens Fishery Conservation and Management Act. NMFS Office of Habitat Conservation. Silver Spring, MD.
- NMFS. 2000a. Letter from NMFS (Balsiger) to USFWS (Rappoport) initiating an ESA-Section 7 Consultation on the effects of the BSAI and GOA groundfish FMPs in their entirety on the listed species and any designated critical habitat under the jurisdiction of the USFWS. September 8.
- NMFS. 2000b. Letter from NMFS (Balsiger) to USFWS (Rappoport) initiating an ESA-Section 7 Consultation on the effects of the 2001-2004 BSAI and GOA groundfish TACs on the listed species and any designated critical habitat under the jurisdiction of the USFWS. September 8.
- NMFS. 2000c. Endangered Species Act – Section 7 Consultation Biological Opinion and Incidental Take Statement, Authorization of Bering Sea/Aleutian Islands and Gulf of Alaska groundfish fisheries on the Fishery Management Plan for the Bering Sea/Aleutians Islands and Gulf of Alaska Groundfish. DOC, NOAA, NMFS, Alaska Region Sustainable Fisheries Division and Protected Resources Division, pp.591.
- NMFS. 2000d. "Draft EA Interactions between the Pacific cod fisheries in the Bering Sea, Aleutian Islands and the Gulf of Alaska and Steller Sea Lions," DOC, NOAA, National Marine Fisheries Service, AK Region, P.O. Box 21668, Juneau, AK 99802-1668. 205 pp + Appendices.
- NMFS. 1999. Ecosystem-based Fishery Management. A report to Congress by the Ecosystem Principles Advisory Panel. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service. 54 pp.
- NMFS. 1998a. "Groundfish Total Allowable Catch Specifications and Prohibited Species Catch Limits Under the Authority of the Fishery Management Plans for the Groundfish Fishery of the Bering Sea and Aleutian Islands Area and Groundfish of the Gulf of Alaska: Final Supplemental Environmental Impact Statement," United States Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Alaska Regional Office, P.O. Box 21668, Juneau, AK 99802, December 1998. pp.692 + Appendices and Comments.
- NMFS. 1998b. Essential Fish Habitat Assessment Report for the Scallop Fisheries off the Coast of Alaska. NMFS, ADF&G, Council, Compiled by the Technical Team for Essential Fish Habitat for the Scallop Fisheries off the Coast of Alaska. North Pacific Fishery Management Council, 605 West 4th Ave., Suite 306, Anchorage, Alaska 99501. March 31, 1998.
- NMFS. 1998c. Essential Fish Habitat Assessment Report for the Bering Sea and Aleutian Islands, King and Tanner Crabs. NMFS, ADF&G, Council, Compiled by the Technical Team for Essential Fish Habitat for King and Tanner Crabs in the Bering Sea and Aleutian Islands. North Pacific Fishery Management Council, 605 West 4th Ave., Suite 306, Anchorage, Alaska 99501. March 31, 1998.

- NMFS. 1998d. Essential Fish Habitat Assessment Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions. NMFS, ADF&G, Council, Compiled by the Technical Team for Essential Fish Habitat of the Bering Sea and Aleutian Islands. North Pacific Fishery Management Council, 605 West 4th Ave., Suite 306, Anchorage, Alaska 99501. April 1, 1998.
- NMFS. 1996. Draft environmental assessment/regulatory impact review/initial regulatory flexibility analysis for amendment of the fishery management plan for the groundfish fishery of the Bering Sea and Aleutian Islands area to implement an improved retention-improved utilization groundfish management program. July 1996, National Marine Fisheries Service, Alaska Regional Office, Juneau, AK.
- NMFS. 1991. "Endangered Species Act Section 7 Biological Opinion--Fishery Management Plan for the Gulf of Alaska Groundfish Fisheries and the Total Allowable Catch Specification and its effects to Steller Sea Lions issued June 5, 1991," DOC, NOAA, National Marine Fisheries Service, P.O. Box 21668, Juneau, Alaska 99802-1668. p. 22. In National Marine Fisheries Service 2001(a).
- NOAA (National Oceanic and Atmospheric Administration). 1999. *Environmental Review Procedures for Implementing the National Environmental Policy Act* (Issued June 3, 1999).
- NMFS and U.S. Fish and Wildlife Service (USFWS). 1998a. Recovery plan for U.S. Pacific populations of the loggerhead turtle (*Caretta caretta*). National Marine Fisheries Service, Silver Spring, M.D. 72 pp.
- NMFS and U.S. Fish and Wildlife Service (USFWS). 1998b. Recovery plan for U.S. Pacific populations of the East Pacific green turtle (*Chelonia mydas*). National Marine Fisheries Service, Silver Spring, M.D. 61 pp.
- NMFS and U.S. Fish and Wildlife Service (USFWS). 1998c. Recovery plan for U.S. Pacific populations of the olive ridley turtle (*Lepidochelys olivacea*). National Marine Fisheries Service, Silver Spring, M.D. 63 pp.
- Northeast Region Essential Fish Habitat Steering Committee. 2002. Workshop on the effects of fishing gear on marine habitats off the Northeastern United States, October 23-25, 2001, Boston Massachusetts. Northeast Fisheries Science Center Reference Document 02-01. 86 pp.
- Novikov, N.P. 1964. Basic elements of the biology of the Pacific Halibut (*Hippoglossoides stenolepis* Schmidt) in the Bering Sea. Tr. Vses. Nauchno-issled. Inst. Morsk. Rybn. Khoz. Okeanogr. 49 (Izv. Tikhookean. Nauchno-issled. Inst. Morsk. Tybn. Khoz. Okeanogr. 51):167-204. [Trans. In Soviet Fisheries Investigations in the Northeast Pacific, Part II, pp. 175-219, by Israel Program Sci. Transl., 1968, avail. Natl. Tech. Inf. Serv. Springfield, Virginia, as TT67-51204.]
- NRC (National Research Council). 2002. Effects of trawling and dredging on seafloor habitat. National Academy Press, Washington, D.C. 126 pp.
- NRC. 2001. Marine protected areas: tools for sustaining ocean ecosystems. National Academy Press, Washington, D.C. 272 pp.
- NRC. 1999a. Sustaining Marine Fisheries. National Academy Press, Washington, D.C. 164 pp.
- NRC. 1999b. The community development quota program in Alaska. National Academy Press, Washington, D.C. 215 pp.
- NRC. 1996. *The Bering Sea Ecosystem*. National Academy Press, Washington, DC. p. 307. In National Marine Fisheries Service 2001(a).
- O'Clair, R.M., and C.E. O'Clair. 1998. Southeast Alaska's Rocky Shores: Animals. Plant Press, Auke Bay, Alaska. p. 564.

- O'Connell, V.M. 1987. "Reproductive seasons for some *Sebastes* species in Southeastern Alaska." Alaska Department of Fish and Game, *Info Leaflet 263*, State of Alaska, Department of Fish and Game, P.O. Box 25526, Juneau, Alaska 99802. p. 21. In National Marine Fisheries Service 2001(a).
- O'Connell, V.M., and D.W. Carlile. 1993. "Habitat-specific density of adult yelloweye rockfish *Sebastes ruberrimus* in the eastern Gulf of Alaska." *Fishery Bulletin*, 91:304-309. In National Marine Fisheries Service 2001(a).
- O'Connell, V.M., and F.C. Funk. 1987. "Age and growth of yelloweye rockfish (*Sebastes ruberrimus*) landed in Southeastern Alaska." Alaska Sea Grant Report, 87-2, Alaska Sea Grant Program, 304 Eielson Building, University of Alaska Fairbanks, Fairbanks, Alaska 99775. pp. 171-185. In National Marine Fisheries Service 2001(a).
- O'Connell, V.M., D. Carlile, and C. Brylinsky. 1999. "Demersal Shelf Rockfishes." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska as Projected for 2000, Gulf of Alaska Plan Team, ed., North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501-2252. pp. 427-466. In National Marine Fisheries Service 2001(a).
- O'Connell, V.M., et al. 2002. 1999-2001 Report to the Board of Fisheries, Region I Groundfish Fisheries, Region 1: Southeast Alaska - Yakutat.
- Odum, E.P. 1985. Trends expected in stressed ecosystems. *Science*. 35:419-422.
- Omura, H., S. Ohsumi, T. Nemoto, K. Nasu, and T. Kasuya. 1969. "Black right whales in the North Pacific." *Scientific Reports of the Whales Research Institute*, 21:1-78. In National Marine Fisheries Service 2001(a).
- Orcutt, H.G. 1950. "The life history of the starry flounder, *Platichthys stellatus* (Pallas)." *California Division of Fish and Game Fisheries Bulletin*, 78:64. In National Marine Fisheries Service 2001(a).
- Orensanz, J.M., J. Armstrong, D. Armstrong, and R. Hilborn. 1998. "Crustacean resources are vulnerable to serial depletion-the multifaceted decline of crab and shrimp fisheries in the greater Gulf of Alaska." *Reviews in Fisheries Science*, 8:117-176. In National Marine Fisheries Service 2001(a).
- Orlov, A.M. 1998. "The diets and feeding habits of some deep-water benthic skates (*Rajidae*) in the Pacific waters off the northern Kuril Islands and Southeastern Kamchatka." *Alaska Fishery Research Bulletin*, 5(1):1-17. In National Marine Fisheries Service 2001(a).
- Pacific Rim Fisheries Program. No Date. State Managed Fisheries, Major Commercial Species. Alaska Pacific University.
- Pacific States Marine Fisheries Commission. 2003. West Coast and Alaska Marine Fuel Prices 2000-2002, Annual Report. Economics Data Program. Available at [http://www.psmfc.org/efin/docs/2002fuelprice report.pdf](http://www.psmfc.org/efin/docs/2002fuelprice%20report.pdf).
- Packer, D.B., L.M. Cargnelli, S.J. Griesbach and S.E. Shumway. 1999. Essential fish habitat source document: Sea scallop, *Placopecten magellanicus*, life history and habitat characteristics. U.S. Department of Commerce, NOAA Technical Memorandum NMFS-NE-134, 21 pp.
- Pahlke, K.A. 1985. "Preliminary studies of capelin (*Mallotus villosus*) in Alaska waters." Information Leaflet, 250, State of Alaska, Department of Fish and Game, P.O. Box 25526, Juneau, Alaska 99802. p. 64. In National Marine Fisheries Service 2001(a).

- Parma, A.M. 1998. "Changes in halibut recruitment, growth, and maturity and the harvesting strategy." International Pacific Halibut Commission 74th Annual Meeting Report, International Pacific Halibut Commission, P.O. Box 95009, Seattle, Washington 98145. pp. 43-56. In National Marine Fisheries Service 2001(a).
- Paul, A.J., and J.M. Paul. 1996. "Observations on mating of multiparous *Chionoecetes bairdi* Rathbun (Decapoda: Majidae) held with different sizes of males and one-clawed males." *Journal of Crustacean Biology*, 16(2):295-299. In National Marine Fisheries Service 2001(a).
- Paul, A.J., J.M. Paul, and W.E. Donaldson. 1995. "Shell Condition and Breeding Success in Tanner Crabs." *Journal of Crustacean Biology*, 15(3):475-480. In National Marine Fisheries Service 2001(a).
- Pauly, D., V. Christensen, J. Dalsgaard, R. Froese, and F. Torres, Jr. 1998. Fishing down marine food webs. *Science*. 279:860-863.
- Pautzke, C. 1997. Russian Far East Fisheries Management, North Pacific Fishery Management Council Report to Congress, Produced by the Council, NOAA Coop. Agreement #97-NA77FC006.
- Pautzke, C., and C. Oliver. 1997. Development of the individual fishing quota program for sablefish and halibut fisheries off Alaska. Council, Anchorage, Alaska.
- Payne, S.A., B.A. Johnson, and R.S. Otto. 1997. "Proximate composition of some northeastern Pacific forage species." *Proceedings of Forage Fishes in Marine Ecosystems*. pp. 721-729. In National Marine Fisheries Service 2001(a).
- Pearcy, W.G. 1962. "Egg masses and early development stages of the scorpaenid fish *Sebastolobus*." *Journal of the Fisheries Research Board of Canada*, 19(6):1,169-1,173. In National Marine Fisheries Service 2001(a).
- Pearcy, W.G., D.L. Stein, M.A. Hixon, E.K. Pikitch, W.H. Barss, and R.M. Starr. 1989. "Submersible observations of deep-reef fishes of Heceta Bank, Oregon." *Fishery Bulletin*, 87:955-965. In National Marine Fisheries Service 2001(a).
- Pearcy, W.G., R.D. Brodeur, J.M. Shenker, W.W. Smoker, and Y. Endo. 1988. "Food habits of the Pacific salmon and steelhead trout, midwater trawl catches and oceanographic conditions in the Gulf of Alaska, 1980-1985." *Bulletin of the Ocean Research Institute*. University of Tokyo. 25(II):27-78.
- Perez, M.A. 1990. "Review of marine mammal population and prey information for Bering Sea ecosystem studies." NOAA Technical Memorandum, *NMFS F/NWC-186*, U.S. Department of Commerce, NOAA. p. 81. In National Marine Fisheries Service 2001(a).
- Perez, M.A., and B. McAlister. 1993. "Estimates of food consumption by marine mammals in the eastern Bering Sea." NOAA Technical Memorandum, *NMFS-AFSC-14*, U.S. Department of Commerce, NOAA. p. 36. In National Marine Fisheries Service 2001(a).
- Perez, M.A., and M.A. Bigg. 1986. "Diet of northern fur seals, *Callorhinus ursinus*, off western North America." *Fishery Bulletin*, 84(4):959-973. In National Marine Fisheries Service 2001(a).
- Perez, M.A., and T.R. Loughlin. 1991. Incidental catch of marine mammals by foreign and joint venture trawl vessels in the U.S. EEZ of the North Pacific, 1973-1988. NOAA Tech. Rep. NMFS 104:57.
- Perry, S.L., D.P. DeMaster, and G.K. Silber. 1999a. "The Great Whales: History and status of six species listed as endangered under the U.S. Endangered Species Act of 1973." *Marine Fisheries Review*, 61:74. In National Marine Fisheries Service 2001(a).
- Perry, S.L., D.P. DeMaster, and G.K. Silber. 1999b. "The sei whale." *Marine Fisheries Review*, 61(1):52-58. In National Marine Fisheries Service 2001(a).

- Pertseva-Ostroumova, T.A. 1961. The reproduction and development of far eastern flounders. Izdatel'stvo Akad. Nauk. SSSR. p. 483. [Transl. By Fish. Res. Board Can., 1967, Transl. Ser. 856, p. 1,003.]
- Philo, L.M., J.C. George, and T.F. Albert. 1992. Rope entanglement of bowhead whales (*Balaena mysticetus*). *Mar. Mamm. Sci.* 8(3): 306-311.
- Piatt, J.F., and P.J. Anderson. 1996. "Response of Common Murres to the *Exxon Valdez* oil spill and long-term changes in the Gulf of Alaska ecosystem." *American Fisheries Society Symposium*, 18:720-737. In National Marine Fisheries Service 2001(a).
- Pitcher, K.W. 1981. "Prey of Steller sea lion, *Eumetopias jubatus*, in the Gulf of Alaska." *Fishery Bulletin*, 79(3):467-472. In National Marine Fisheries Service 2001(a).
- Pitcher, K.W. 1980a. "Stomach contents and feces as indicators of harbor seal, *Phoca vitulina*, foods in the Gulf of Alaska." *Fishery Bulletin*, 78(3):797-798. In National Marine Fisheries Service 2001(a).
- Pitcher, K.W. 1980b. "Food of the harbor seal, *Phoca vitulina richardsi*, in the Gulf of Alaska." *Fishery Bulletin*, 78(2):544-549. In National Marine Fisheries Service 2001(a).
- Posgay, J.A. 1957. Sea scallop boats and gear. U.S. Fish and Wildlife Service Fishery Leaflet 442. p. 12.
- Pritchard, P.C.H. (1982). "Nesting of the leatherback turtle, *Dermochelys coriacea*, in Pacific Mexico, with a new estimate of the world population status." *Copeia*, 741-747. P.C.H. Pritchard, Florida Audobon Society, 1101 Audobon Way, Maitland, Florida, 32751, U.S.A.
- Prena, J., P. Schwinghamer, T.W. Rowell, D.C. Gordon, Jr., K.D. Gilkinson, W.P. Vass, and D.L. McKeown. 1999. Experimental otter trawling on a sandy bottom ecosystem of the Grand Banks of Newfoundland: analysis of trawl bycatch and effect on epifauna. *Marine Ecology Progress Series* 181:107-124.
- Probert, P.K., D.G. McKnight and S.L. Grove. 1997. Benthic invertebrate bycatch from a deep-water trawl fishery, Chatham Rise, New Zealand. *Aquatic Conservation: Marine and Freshwater Ecosystems* 7(1):27-40.
- Quandt, A. 1999. Assessment of fish trap damage on coral reefs around St. Thomas, USVI. Independent Project Report, UVI, Spring 1999. p. 9.
- Quast, J.C., and E.L. Hall. 1972. List of fishes of Alaska and adjacent waters with a guide to some of their literature. U.S. Dep. Commer. NOAA, Tech. Rep. NMFS SSRF-658. p. 48.
- Queirolo, L.E., L.W. Fritz, P.A. Livingston, M.R. Loefflad, D.A. Colpo, and Y.L. deReynier. 1995. Bycatch, utilization, and discards in the commercial groundfish fisheries of the Gulf of Alaska, eastern Bering Sea, and Aleutian Islands. NOAA Tech. Memo. NMFS-AFSC-58. 148 pp.
- Reed, R.K. 1984. "Flow of the Alaskan Stream and its variations." *Deep-Sea Research*, 31:369-386. In National Marine Fisheries Service 2001(a).
- Reilly, S.B., and V.G. Thayer. 1980. "Blue whale (*Balaenoptera musculus*) distribution in the eastern Tropical Pacific." *Marine Mammal Science*, 6(4):265-277. In National Marine Fisheries Service 2001(a).
- Reuter, R.F. 1999. Describing dusky rockfish (*Sebastes ciliatus*) habitat in the Gulf of Alaska using historical data. M.S. Thesis, California State University, Hayward, California. 83 pp.

- Reuter R.F. and P.D. Spencer. 2002. Other Rockfish. *In* Stock assessment and fishery evaluation report for the groundfish resources of the BS and AI, p. 579-608. North Pacific Fishery Management Council, 650 W. 4th. Avenue, Suite 306, Anchorage, AK 99501-2252.
- Rice, D.W. 1998. "Marine Mammals of the world: Systematics and Distribution." The Society for Marine Mammalogy Special Publication, 4, Allen Press, Inc. p. 231. *In* National Marine Fisheries Service 2001(a).
- Rice, D.W. 1978. "Blue Whale." Marine Mammals of Eastern North Pacific and Arctic Waters, D. Haley, ed., Pacific Search Press, Seattle, Washington. pp. 30-35. *In* National Marine Fisheries Service 2001(a).
- Rice, D.W., and A.A. Wolman. 1982. Whale census in the Gulf of Alaska June to August 1980. Reports of the International Whaling Commission. 32:491-497.
- Rice, D.W., and A.A. Wolman. 1971. "The life history and ecology of the gray whale, *Eschrichtius robustus*." *Am. Soc. Mammal. Special Publication* 3. p. 142. *In* National Marine Fisheries Service 2001(a).
- Rice, J. 1995. "Food web theory, marine food webs, and what climate change may do to northern marine fish populations. *In* Climate change and northern fish populations." *Canadian Special Publication of Fisheries and Aquatic Sciences*, 121. *In* National Marine Fisheries Service 2001(a).
- Rice, J. and H. Gislason. 1996. Patterns of change in the size spectra of numbers and diversity of the North Sea fish assemblage, as reflected in surveys and models. *ICES J. Mar. Sci.* 53:1214-1225.
- Rickey, M.H. 1995. "Maturity, spawning and seasonal movement of arrowtooth flounder, *Atheresthes stomias*, off Washington." *Fishery Bulletin*, 93(1):127-138. *In* National Marine Fisheries Service 2001(a).
- Ricklefs, R.E. 2000. "Density dependence, evolutionary optimization, and the diversification of avian life histories." *Condor*, 102:9-22. *In* National Marine Fisheries Service 2001(a).
- Ricklefs, R.E. 1990. "Seabird life histories and the marine environment: Some speculations." *Colonial Waterbirds*, 13(1):1-6. *In* National Marine Fisheries Service 2001(a).
- Risk, M.J., J.M. Heikoop, M.G. Snow, and R. Beukens. 2002. Lifespans and growth patterns of two deep-sea corals: *Primnoa resedaeformis* and *Desmophyllum cristagalli*. *Hydrobiologia*. 471:125-131
- Risk, M.J., D.E. McAllister, and L. Behnken. 1998. "Conservation of cold- and warm-water seafans: Threatened ancient gorgonian groves." *Sea Wind*, 10(4):20-22. *In* National Marine Fisheries Service 2001(a).
- Robards, M.D., J.F. Piatt, A.B. Kettle, and A.A. Abookire. 1999. "Temporal and geographic variation in fish communities of lower Cook Inlet, Alaska." *Fishery Bulletin*, 97(4):962-977. *In* National Marine Fisheries Service 2001(a).
- Ronholt, L.L., K. Wakabayashi, T.K. Wilderbuer, H. Yamaguchi, and K. Okada. 1985. "Results of the cooperative U.S.-Japan groundfish assessment survey in Aleutian Islands water, June-November 1980." Unpublished manuscript, U.S. Department of Commerce, NOAA, Northwest and Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, Washington 98115. p. 303. *In* National Marine Fisheries Service 2001(a).
- Rose, C. 2002. An analysis of the effects of fishing on fish habitats of the waters off Alaska. A draft white paper prepared for the EFH Committee of the North Pacific Fishery Management Council. August 11, 2002. 39+ pp.

- Rose, C. 1999. Injury rates of red king crab, *Paralithodes camchaticus*, passing under bottom trawl footropes. *Mar. Fisher. Rev.* 61(2) 72-76.
- Rosenkranz, G.E., A.V. Tyler, G.H. Kruse, and H.J. Niebauer. 1998. "Relationship between wind and year class strength of Tanner crabs in the southeastern Bering Sea." *Alaska Fishery Research Bulletin*, 5:18-24. In National Marine Fisheries Service 2001(a).
- Rosenthal, R.J., V.M. O'Connell, and M.C. Murphy. 1988. "Feeding ecology of ten species of rockfishes (Scorpaenidae) from the Gulf of Alaska." *California Fish and Game*, 74(1):16-37. In National Marine Fisheries Service 2001(a).
- Ruccio, M.P., and C.L. Worton. 2000. Annual management report for the shellfish fisheries of the Kodiak area, 1999. Pages 16-61 in Annual management report for the shellfish fisheries of the westward region, 1999. Alaska Department of Fish and Game, Division of Commercial Fisheries, Reg. Inform. Rep. 4K00-55, Kodiak, Alaska.
- Rugh, D.J., M.M. Muto, S.E. Moore, and D.P. DeMaster. 1999. "Status review of the Eastern North Pacific stock of gray whales." NOAA Technical Memorandum, *NMFSAFSC-103*, U.S. Department of Commerce. p. 96. In National Marine Fisheries Service 2001(a).
- Rumohr, H., and P. Krost. 1991. Experimental evidence of damage to benthos by bottom trawling with special reference to *Arctica islandica*. *Meeresforschung*. 33(4):340-345.
- Russell, R.W., N.M. Harrison, and G.L. Hunt Jr. 1999. "Foraging at a front: hydrography, zooplankton, and avian planktivory in the northern Bering Sea." *Marine Ecology Progress Series*, 182:77-93. In National Marine Fisheries Service 2001(a).
- Rutecki, T.L. and E.R. Varosi. 1997a. Distribution, age, and growth of juvenile sablefish, *Anoplopoma fimbria*, in Southeast Alaska. In M. Saunders and M. Wilkens (eds.). Proceedings of the International Symposium on the Biology and Management of Sablefish. pp 45-54. NOAA Tech. Rep. 130.
- Rutecki, T.L., and E.R. Varosi. 1997b. "Migrations of juvenile sablefish, *Anoplopoma fimbria*, in southeast Alaska." NOAA Technical Report, *NMFS 130*, U.S. Department of Commerce, NOAA, Seattle, Washington. In National Marine Fisheries Service 2001(a).
- Ryer, C.H., A.W. Stoner, and R.H. Titgen. 2004. Behavioral mechanisms underlying the refuge value of benthic habitat structure: two flatfishes with differing anti-predator strategies. *Mar. Ecol. Prog. Ser.* 268:231-243.
- Ryer, C.H., A.W. Stoner and R.H. Titgen. In Press. Mediation of predation vulnerability by benthic habitat structure: a comparison of two juvenile north Pacific flatfish with differing anti-predator strategies. Submitted to *Mar. Ecol. Prog. Ser.*
- Saether, B., and Ø. Bakke. 2000. "Avian life history variation and contribution of demographic traits to the population growth rate." *Ecology*, 81(3):642-653. In National Marine Fisheries Service 2001(a).
- Sainsbury, K.J., R.A. Campbell, R. Lindholm, and A.W. Whitelaw. 1997. Experimental management of an Australian multispecies fishery: examining the possibility of trawl-induced habitat modification. pp. 107-112.
- Sainte-Marie, B., J.M. Sevigny, and Y. Gauthier. 1997. "Laboratory behavior of adolescent and adult males of the snow crab (*Chionoecetes opilio*) (Brachyura: Majidae) mated noncompetitively and competitively with primiparous females." *Canadian Journal of Fisheries and Aquatic Science*, 54:239-248. In National Marine Fisheries Service 2001(a).

- Salo, E.O. 1991. "Life History of Chum Salmon (*Oncorhynchus keta*)." pp. 231-309. In Groot, C and L. Margolis, eds. 1991. *Pacific Salmon Life Histories*. UBC Press, University of British Columbia. Vancouver, B.C.
- Salveson, S.J. 1976. Alaska plaice. In Demersal fish and shellfish resources of the eastern Bering Sea in the baseline year 1975 (eds. W.T. Pereyra, J.E. Reeves, and R.G. Bakkala). Processed Rep., 619 0. NWAFC, NMFS, NOAA, 2725 Montlake Blvd. E., Seattle, Washington 98112.
- Sanchez, P., M. Demestre, M. Ramon, and M.J. Kaiser. 2000. The impact of otter trawling on mud communities in the northwestern Mediterranean ICES J. Mar. Sci. 57:1,352-1,358.
- Sandercook, F.K. 1991. "Life History of Coho Salmon (*Oncorhynchus kisutch*)." pp. 395-445. In Groot, C and L. Margolis, eds. 1991. *Pacific Salmon Life Histories*. UBC Press, University of British Columbia. Vancouver, B.C.
- Sanger, G.A. 1986. "Diets and food web relationships of seabirds in the Gulf of Alaska and adjacent marine regions." Final Report of Principal Investigators, 45, U.S. National Oceanic and Atmospheric Administration, Outer Continental Shelf Environmental Assessment Program. pp. 631-771. In National Marine Fisheries Service 2001(a).
- Sasaki, T. 1985. Studies on the sablefish resources in the North Pacific Ocean. Bulletin 22, (1-108), Far Seas Fishery Laboratory. Shimizu, 424, Japan.
- Saunders, M.W., B.M. Leaman, V. Haist, R. Hilborn, and G.A. McFarlane. 1996. Sablefish stock assessment for 1996 and recommended yield options for 1997. Unpublished report available Department of Fisheries and Oceans, Biological Sciences Branch, Pacific Biological Station, Nanaimo, British Columbia, V9R 5K6.
- Scarff, J.E. 1986. "Historic and present distribution of the right whale (*Eubalaena glacialis*) in the eastern North Pacific south of 50 N and east of 180 W." *Report of the International Whaling Commission*, Special Issue 10:43-63. In National Marine Fisheries Service 2001(a).
- Schneider, D., N.M. Harrison, and G.L. Hunt Jr. 1987. "Variation in attendance at fronts by marine birds in the Bering Sea." *Estuarine, Coastal and Shelf Science*, 25:135-141. In National Marine Fisheries Service 2001(a).
- Schwinghamer, P., D.C. Gordon, Jr., T.W. Rowell, J. Prena, D.L. McKeown, G. Sonnichsen, and J.Y. Guigne. 1998. Effects of experimental otter trawling on surficial sediment properties of a sandy-bottom ecosystem of the Grand Banks of Newfoundland. *Conservation Biology* 12(6):1,215-1,222.
- Schwinghamer, P., J.Y. Guigne and W.C. Siu. 1996. Quantifying the impact of trawling on benthic habitat structure using high-resolution acoustics and chaos theory. *Canadian Journal of Fisheries and Aquatic Sciences* 53:288-296.
- Sharma, G.D. (1979). *The Alaskan shelf: hydrographic, sedimentary, and geochemical environment*, Springer-Verlag, New York. 498 pp.
- Shelden, K.E.W., and D.J. Rugh. 1995. "The bowhead whale (*Balaena mysticetus*): Its historic and current status." *Marine Fisheries Review*, 57(3-4):1-20. In National Marine Fisheries Service 2001(a).
- Shepard, A.N., and P.J. Auster. 1991. Incidental (non-capture) damage to scallops to scallops caused by dragging on rock and sand substrates. Pages 219-230 in S.E. Shumway and P.A. Sandifer [eds]. *Scallop biology and culture*. The World Aquaculture Society, Baton Rouge.

- Sherburne, J. 1993. "Status Report on the Short-tailed Albatross, *Diomedea albatrus*," Alaska Natural Heritage Program, Environment and Natural Resources Institute, University of Alaska Anchorage. p. 58. *In National Marine Fisheries Service 2001(a).*
- Shimada, A.M., and D.K. Kimura. 1994. "Seasonal movements of Pacific cod (*Gadus macrocephalus*) in the eastern Bering Sea and adjacent waters based on tag-recapture data." *Fishery Bulletin*, 92(4):800-816. *In National Marine Fisheries Service 2001(a).*
- Shipp, R.L. 2002. No Take Marine Protected Areas as a fishery management tool, a pragmatic perspective. A Report to the Fishamerica Foundation. 20 pp.
- Shirley, S.M., and G.H. Kruse. 1995. Development of the fishery for weathervane scallops, *Patinopecten caurinus* (Gould, 1850), in Alaska. *Journal of Shellfish Research*. 14(1):71-78.
- Shubnikov, D.A., and L.A. Lisovenko. 1964. Data on the biology of rock sole in the southeastern Bering Sea. Tr. Vses. Nauchno-issled. Inst. Morsk. Rybn. Khoz. Okeanogr. 49 (Izv. Tikookean. Nauchno-issled. Inst. Morsk. Rybn. Khoz. Okeanogr. 51):209-214. [Transl. *In Soviet Fisheries Investigations in the Northeast Pacific, Part II*, p. 220-226, by Israel Program Sci. Transl., 1968, available Natl. Tech. Inf. Serv., Springfield, Virginia, as TT 67-51204.]
- Shuntov, V.P. 1993. "Biological and physical determinants of marine bird distribution in the Bering Sea." The status, ecology, and conservation of marine birds of the North Pacific, K. Vermeer, K. T. Briggs, K. J. Morgan, and D. Siegel-Causey, eds., Canadian Wildlife Service and Pacific Seabird Group. pp. 10-17. *In National Marine Fisheries Service 2001(a).*
- Shvetsov, F.G. 1978. Distribution and migrations of the rock sole, *Lepidopsetta lileneta bilineata*, in the regions of the Okhotsk Sea coast of Paramushir and Shumshu Islands. *J. Ichthol.* 18(1): 56-62.
- Sigler, M.F., C.R. Lunsford, J.T. Fujioka and S.A. Lowe. 2002. Alaska sablefish assessment for 2003. *In Stock assessment and fishery evaluation report for the groundfish resources of the GOA as projected for 2003.* Available from North Pacific Fishery Management Council, 605 West 4th Avenue, Suite 306, Anchorage, Alaska 99501-2252.
- Sigler, M.F., and C.R. Lunsford. 2001. Effects of individual quotas on catching efficiency and spawning potential in the Alaska sablefish fishery. *Can. J. Fish. Aquat. Sci.* 57(7):1,300-1,312.
- Sigler, M.F., T.L. Rutecki, D.L. Courtney, J.F. Karinen, and M.-S. Yang. 2001. Young-of-the-year sablefish abundance, growth, and diet. *Alaska Fisheries Research Bulletin*. 8(1): 57-70.
- Sigler, M.F. 1999. Abundance estimation of Alaskan sablefish with an age-structured population model. *Fish. Bull.* 97: 591-603.
- Sigler, M.F., J.T. Fujioka, and S.A. Lowe. 1999. "Alaska sablefish assessment for 2000." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska as Projected for 2000, Bering Sea and Aleutian Islands Plan Team, ed., North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501-2252. *In National Marine Fisheries Service 2001(a).*
- Sigler, M.F., S.A. Lowe, and C. Kastle. 1997. Area and depth differences in the age-length relationship of sablefish *Anoplopoma fimbria* in the Gulf of Alaska. In M. Saunders and M. Wilkens, eds. Proceedings of the International Symposium of the Biology and Management of Sablefish. pp. 55-63. NOAA Tech. Rep. 130.
- Sinclair, E.H., and T.K. Zeppelin. 2002. "Seasonal and spatial differences in diet in the western stock of Steller sea lions (*Eumetopias jubatus*)." *Journal of Mammalogy*. 83(4).

- Sinclair, E.H., G.A. Antonelis, B.R. Robson, R.R. Ream, and T.R. Loughlin. 1997. "Norther fur seal predation on juvenile walleye pollock." NOAA Technical Report, *NMFS 126*, U.S. Department of Commerce, NOAA. In National Marine Fisheries Service 2001(a).
- Sinclair, E.H., T. Loughlin, and W. Pearcy. 1994. "Prey selection by northern fur seals (*Callorhinus ursinus*) in the eastern Bering Sea." *Fishery Bulletin*, 92(1):144-156. In National Marine Fisheries Service 2001(a).
- Smith, K.R., and R.A. McConnaughey. 1999. "Surficial sediments of the eastern Bering Sea continental shelf: EBSSSED database documentation." NOAA Technical Memorandum, *NMFS-AFSC-104*, U.S. Department of Commerce, NMFS Alaska Fisheries Science Center, 7600 Sand Point Way NE, Seattle, Washington 98115-0070. 41 pp. In National Marine Fisheries Service 2001(a).
- Smith, C.J., K.N. Papadopoulou, and S. Diliberto. 2000. Impact of otter trawling on an eastern Mediterranean commercial fishing ground. *ICES J. Mar. Sci.* 57:1,340-1,351.
- Smoker, L. 1997. Identifying Fishery Management Units for Gulf of Alaska and Bering Sea/Aleutian Islands groundfish fishery management plans for purposes of designating essential fish habitat. Memorandum from NOAA General Counsel to Alaska EFH core team members, dated December 11, 1997. 9 pp.
- Smolowitz, R. 1998. Bottom tending gear used in New England. Pages 46-52 in E.M. Dorsey and J. Pederson [eds]. Effects of fishing gear on the sea floor of New England. Conservation Law Foundation, Boston, Massachusetts.
- Soh, S.K. 1998. The use of harvest refugia in the management of shortraker and roughey rockfish (*Sebastes borealis/Sebastes aleutianus*) in the Gulf of Alaska. Ph.D. Thesis. University of Washington, Seattle. 194 pp.
- Somerton, D.A., and R.A. MacIntosh. 1983. "The size at sexual maturity of blue king crab, *Paralithodes platypus*, in Alaska." *Fishery Bulletin*, 81:621-628. In National Marine Fisheries Service 2001(a).
- Sparks-McConkey, P.J., and L. Watling. 2001. Effects on the ecological integrity of a soft-bottom habitat from trawling disturbance. *Hydrobiologia* 456:75-85.
- Spencer, P.D., and J.N. Ianelli. 2002. Pacific ocean perch. In Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands region, pp. 515-558. North Pacific Fishery Management Council, Anchorage, AK.
- Spencer, P.D., G. E. Walters, and T. K. Wilderbuer. 2002. Flathead sole. In Appendix A Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region. P 361-408. North Pacific Fishery Management Council, 605 West 4th Ave., Suite 306, Anchorage, AK 99501.
- Spotila, J.R., A.E. Dunham, A.J. Leslie, A.C. Steyermark, P.T. Plotkin, and F.V. Paladino. (1996). Worldwide population decline of *Dermochelys coriacea*: Are leatherback turtles going extinct? *Chel. Cons. Biol.* 2:209-222.
- Springer, A. 1993. Report of the seabird working group. pp. 14-29 in *Is it food? Addressing marine mammal and seabird declines: a workshop summary*. Alaska Sea Grant Report 93-01, Univ. Alaska, Fairbanks, Alaska 99775.
- Springer, A.M. 1992. "A review: walleye pollock in the North Pacific - how much difference do they really make?" *Fisheries Oceanography*, 1:80-96. In National Marine Fisheries Service 2001(a).

- Springer, A.M. 1991. "Seabird relationships to food webs and the environment: examples from the North Pacific." Studies of high-latitude seabirds, W. A. Montevecchi and A. J. Gaston, eds., Canadian Wildlife Service. pp. 39-48. *In* National Marine Fisheries Service 2001(a).
- Springer, A.M., D.G. Roseneau, D.S. Lloyd, C.P. McRoy, and E.C. Murphy. 1986. "Seabird responses to fluctuating prey availability in the eastern Bering Sea." *Marine Ecology Progress Series*, 32:1-12. *In* National Marine Fisheries Service 2001(a).
- Springer, A.M., J.F. Piatt, V.P. Shuntov, G.B. Van Vliet, V.L. Vladimirov, A.E. Kuzin, and A.S. Perlov. 1999. "Marine birds and mammals of the Pacific subarctic gyres." *Progress in Oceanography*, 43:443-487. *In* National Marine Fisheries Service 2001(a).
- Stafford, K.M. In press. Two types of blue whale calls recorded in the Gulf of Alaska. *Marine Mammal Science* 19:xxx.
- Stafford, K.M., S.L. Nieukirk, and C.G. Fox. 2001. Geographic and seasonal variation of blue whale calls in the North Pacific. *Journal of Cetacean Research and Management*. 3:65-76.
- Stancyk, S.E. 1982. Non-human predators of sea turtles and their control. Pages 139-152 in K.A. Bjorndal (ed.), *Biology and Conservation of Sea Turtles*. Smithsonian Inst. Press, Washington D.C. 583 pp.
- Stark, J.W., and D.A. Somerton. 2002. "Maturation, spawning and growth of rock soles off Kodiak Island in the Gulf of Alaska." *J. Fish. Biology*. (61):417-431.
- Stebbins, R.C. 1966. *A field guide to western reptiles and amphibians*. Peterson Field Guide Series. Houghton Mifflin, Boston, MA.
- Stevens, B.G. and J.A. Haaga. 1994. Ocean dumping of seafood processing wastes: comparisons of epibenthic megafauna sampled by submersible in impacted and non-impacted Alaskan bays and estimation of waste decomposition rate. Unpublished manuscript, National Marine Fisheries Service, Kodiak Laboratory, P.O. Box 1638, Kodiak, AK 99615.
- Stevens, B.G., and J. Kittaka. 1998. "Postlarval settling behavior, substrate preference, and time to metamorphosis for red king crab *Paralithodes camtschaticus*." *Marine Ecology Progress Series*(167):197-206. *In* National Marine Fisheries Service 2001(a).
- Stevens, B.G., and R.A. MacIntosh. 1991. Cruise Results Supplement, Cruise OH-91-1. A survey of juvenile red king crabs with dredge and beam trawl in Bristol Bay, Alaska. Available from NMFS, Kodiak Fisheries Research Center, 301 Research Ct., Kodiak, Alaska 99615. p. 14.
- Stewart, P.A.M. 1999. Gear modification as a management tool to limit ecosystem effects of fishing. ICES/SCOR Symposium, Ecosystem Effects of Fishing, April 1999, St. John's, Newfoundland. p. 20.
- Stewart, B.S., Karl S.A., P.K. Yochem, S. Leatherwood, and J.L. Laake. 1987. Aerial surveys for cetaceans in the former Akutan, Alaska whaling grounds. *Arctic*. 40:33-42.
- Stinson, M.L. (1984). "Biology of sea turtles in San Diego, California, and in the northeastern Pacific Ocean." Master's Thesis, San Diego State University. 578 pp.
- Stokesbury, K.D. 2000. Physical and biological variables influencing the spatial distribution of the giant scallop *Placopecten magellanicus*. *In* A Workshop Examining Potential Fishing Effects on Population Dynamics and Benthic Community Structure of Scallops with Emphasis on the Weathervane Scallop *Patinopecten caurinus* in Alaskan Waters. Alaska Department of Fish and Game Special Publication 14:13-19.

- Stone, R.P., and M.M. Masuda. 2003. Characteristics of benthic sediments from areas open and closed to bottom trawling in the Gulf of Alaska. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-140.
- Stone, R.P., C.E. O'Clair, and T.C. Shirley. 1993. "Aggregating behavior of ovigerous female red king crab, *Paralithodes camtschaticus*, in Auke Bay, Alaska." *Canadian Journal of Fisheries and Aquatic Science*, 50(4):750-758. In National Marine Fisheries Service 2001(a).
- Stoner, A.W., and R.H. Titgen. 2003. Biological structures and bottom type influence habitat choices made by Alaska flatfishes. *J. Exp. Mar. Biol. Ecol.* 292:43-59.
- Stoner, A.W., and M.L. Ottmar. 2003. Relationships between size-specific sediment preferences and burial capabilities in juveniles of two Alaska flatfishes. *J. Exp. Mar. Biol. Ecol.* 282:85-101.
- Stoner, A.W., and R.H. Titgen. In Press. Biological structures and bottom type influence habitat choices made by Alaska flatfishes. *J. Exp. Mar. Biol. Ecol.*
- Straty, R.R. 1987. "Habitat and behavior of juvenile Pacific rockfish (*Sebastes* spp. and *Sebastolobus alascanus*) off southeastern Alaska." *NOAA Symposium Series for Undersea Research*, 2(2):109-123.
- Sugimoto, T., and K. Tadokoro. 1997. "Interannual-interdecadal variations in zooplankton biomass, chlorophyll concentration and physical environment in the subarctic Pacific and Bering Sea." *Fisheries Oceanography*. 6:74-93. In National Marine Fisheries Service 2001(a).
- Sullivan, P.J., and A.M. Parma. 1998. "Population assessments, 1997." International Pacific Halibut Commission Report of Assessment and Research Activities, 1997, International Pacific Halibut Commission, P.O. Box 95009, Seattle, Washington 98145. pp. 81-107. In National Marine Fisheries Service 2001(a).
- Sundberg, K. and D. Clausen. 1977. "Post-larval king crab (*Paralithodes camtschatica*) distribution and abundance in Kachemak Bay, Lower Cook Inlet, Alaska." Environmental Studies of Kachemak Bay and Lower Cook Inlet, L. L. Trasky, L. B. Flagg, and D. C. Burbank, eds., Alaska Department of Fish and Game, Anchorage, Alaska. pp. 1-36. In National Marine Fisheries Service 2001(a).
- Suryan, R. 2003. Short-tailed albatross telemetry study update. Manuscript for Alaska Seabird Working Group meeting, March 20-21, 2003, Anchorage, AK. 5 pp.
- Sutherland, D.L., G.L. Beardsley, and R.S. Jones. 1983. Results of a survey of the South Florida fish-trap fishing grounds using a manned submersible. *Northeast Gulf Sci.* 6:179-183.
- Tanasichuk, R.W. 1997. "Diet of sablefish, *Anoplopoma fimbria*, from the southwest coast of Vancouver Island." NOAA Technical Report, *NMFS 130*, U.S. Department of Commerce, NOAA, Seattle, Washington.
- Templeman, W. 1973. "Distribution and abundance of the Greenland halibut, *Rheinhardtius hippoglossoides* (Walbaum) in the Northwest Atlantic." *International Commission Northwest Atlantic Fisheries Research Bulletin*, 10:82-98. In National Marine Fisheries Service 2001(a).
- Thomas, G.L. 1994. Economically and ecologically responsible fish waste recycling in Orca Inlet, Prince William Sound, Alaska. Research proposal by Prince William Sound Science Center, P.O. Box 705, Cordova, AK 99574.
- Thompson, G.G., and A.M. Shimada. 1990. "Pacific cod." NOAA Technical Memorandum, *NMFS F/NWC-178*, U.S. Department of Commerce, NOAA. pp. 44-66. In National Marine Fisheries Service 2001(a).

- Thompson, R.J. 1940. "Analysis of stomach contents of whales taken during the years 1937 and 1938 from the North Pacific," Masters Thesis, University of Washington, Seattle, Washington. *In* National Marine Fisheries Service 2001(a).
- Thrush, S.F., J.E. Hewitt, V.J. Cummings, P.K. Dayton, M. Cryer, S.J. Turner, G.A. Funnell, R.G. Budd, C.J. Milcurn, and M.R. Wilkinson. 1998. Disturbance of the marine benthic habitat by commercial fishing: impacts at the scale of the fishery. *Ecological Applications*. 8(3):866-879.
- Tomilin, A.G. 1967. "Mammals of the USSR and adjacent countries." Cetacea, Israel Program for Scientific Translations, Jerusalem. p. 717. *In* National Marine Fisheries Service 2001(a).
- Townsend, C. H. 1935. "The distribution of certain whales as shown by logbook records of American whaleships." *Zoologica*, 19(1):1-50. *In* National Marine Fisheries Service 2001(a).
- Trites, A.W., Livingston, P.A., Vasconcellos, M.C., Mackinson, S., Springer, A.M., and Pauly, D. 1999. "Ecosystem change and the decline of marine mammals in the Eastern Bering Sea: testing the ecosystem shift and commercial whaling hypotheses." Fisheries Centre Research Reports 1999, Vol. 7, University of British Columbia. p. 100.
- Trowbridge, C. 1996. Prince William Sound management area 1995 shellfish annual management report. Alaska Department of Fish and Game, Division of Commercial Fisheries, Reg. Infor. Rep. 2A96-29, Anchorage, Alaska.
- Trowbridge, C., N. Szarzi, and W.R. Bechtol. 2000. Review of commercial, sport and personal use fisheries for miscellaneous shellfish in Lower Cook Inlet, report to the Alaska Board of Fisheries, March 2000. Alaska Department of Fish and Game, Division of Commercial Fisheries, Reg. Inform. Rep. 2A00-13, Anchorage, Alaska.
- Trowbridge, T. 1998. Cook Inlet Area groundfish report to the Alaska Board of Fisheries, 1998. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 2A98-37, Anchorage, Alaska.
- Trumble, R.J. 1973. "Distribution, relative abundance, and general biology of selected underutilized fishery resources of the eastern North Pacific Ocean." Technical Report, 39, NORFISH. p. 178. *In* National Marine Fisheries Service 2001(a).
- Tsalkina, A. 1969. Characteristics of the epifauna of the west Kamchatka shelf (from "Problems of commercial hydrobiology"). Proc. All-Union Sci. Res. Inst. Mar. Fish. Oceanogr. (VNIRO) Trudy 65:248-257. (*Transl. Ser. Fish. Res. Board Can. No. 1568*, 1970).
- Tuck, I.D., S.J. Hall, M.R. Robertson, E. Armstrong, and D.J. Basford. 1998. Effects of physical trawling disturbance in a previously unfished sheltered Scottish sea loch. *Marine Ecology Progress Series* 162:227-242.
- Turk, T. 2001. Spatial distribution and selected habitat preferences of weathervane scallops (*Patinopecten caurinus*) in Alaska. Pages 463-477 in G.H. Kruse, N. Bez, A. Booth, M.W. Dorn, S. Hills, R.N. Lipcius, D. Pelletier, C. Roy, S.J. Smith, and D. Witherell [eds]. Alaska Sea Grant Publication no. AK-SG-01-02, University of Alaska, Anchorage.
- Turk, T. 2000. Distribution, Abundance, and Spatial Management of the Weathervane Scallop Fishery in Alaska. Masters Thesis, University of Washington. 231 pp.
- Turnock, B.J., T.K. Wilderbuer, and E.S. Brown. 2002. Gulf of Alaska Flatfish. In Stock Assessment and Fishery Evaluation Report for the 2003 Gulf of Alaska Groundfish Fishery. 29 p. Gulf of Alaska Groundfish Plan Team, North Pacific Fishery Management Council, P.O. Box 103136, Anchorage, AK 99510.

- Turnock, B.J., T.K. Wilderbuer, and E.S. Brown. 1997a. "Flatfish." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Gulf of Alaska as Projected for 1998, Gulf of Alaska Plan Team, ed., North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501. pp. 166-208. *In* National Marine Fisheries Service 2001(a).
- Turnock, B.J., T.K. Wilderbuer, and E.S. Brown. 1997b. "Arrowtooth Flounder." Stock Assessment and Fishery Evaluation Report for the 1998 Gulf of Alaska Groundfish Fishery, Gulf of Alaska Plan Team, ed., North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501. p. 17.
- Tyler, A.V., and G.H. Kruse. 1997. "Modeling workshop on year-class strength of Tanner crab, *Chionoecetes bairdi*." Regional Information Report, 5J79-02, Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division. *In* National Marine Fisheries Service 2001(a).
- Tynan, C.T., D.P. DeMaster, and W.T. Peterson. 2001. Endangered right whales on the southeastern Bering Sea shelf. *Science*. 294:1894.
- Tynan, C.T. 1999. "Critical habitat and abundance estimation of right whales in the southeast Bering Sea," Report of the International Whaling Commission. p. 9. *In* National Marine Fisheries Service 2001(a).
- Umeda, Y., T.M. Sample, and R.G. Bakkala. 1983. Recruitment processes of sablefish in the eastern Bering Sea. Proceedings of the International Sablefish Symposium. March 29-31, 1983. Anchorage, Alaska. Alaska Sea Grant Report 83-8. University of Alaska.
- U.S. GLOBEC. 1996. "Report on Climate Change and Carrying capacity of the North Pacific Ecosystem." U.S. GLOBEC Report, 15, University of California, Berkeley, Berkeley, California. p. 95. *In* National Marine Fisheries Service 2001(a).
- USFWS (U.S. Fish & Wildlife Service). 2003. Alaska's threatened and endangered species. Ecological Services, Anchorage Field Office, Anchorage, AK. 41 p.
- USFWS (U.S. Fish & Wildlife Service). 2002. Southwest Alaska sea otter decline workshop. US Fish & Wildlife Service, Marine Mammals Management Office, Anchorage, AK. 59 p. + app.
- USFWS. 2001. Letter from USFWS (Rappoport) to NMFS (Balsiger) extending the period of coverage of the 1999 Biological Opinion until it is superseded. January 10.
- Ushakov, P.V. 1955. Phylum Chordata, Subphylum Tunicata. pp. 307-312. *In*: Atlas of the invertebrates of the far seas of the USSR. E. N. Pavlovskii (ed.). Academy of Sciences of the USSR Zoological Institute. Moscow - Leningrad. (Translated by Israel Program of Scientific Translations, 1966. Available from U.S. Dep. Commer., NTIS, Springfield, Virginia. as TT 66-51067).
- van Dolah, R.F., P.H. Wendt, and N. Nicholson. 1987. Effects of a research trawl on a hard-bottom assemblage of sponges and corals. *Fisheries Research* 5:39-54.
- von Brandt, A. 1984. *Fish catching methods of the world*. 3rd edition. Fishing News Books Ltd, Farnam, England. p. 418.
- Wahl, M. 1985. *Metridium senile*: dispersion and small scale colonization by the combined strategy of locomotion and asexual reproduction (laceration). *Mar. Ecol. Prog. Ser.* 26:271-277.
- Waite, J.M. 1998. "Northern right whale sighted off Alaska." *Marine Mammal Society Newsletter*, 6(3):7.

- Wakefield, W.W. 1990. Patterns in the distribution of demersal fishes on the upper continental slope off central California with studies on the role of ontogenetic vertical migration in particle flux. Ph.D. thesis, Scripps Institution of Oceanography, University of California, San Diego, Calif.
- Waldron, K.D. and B.M. Vinter. 1978. "Ichthyoplankton of the eastern Bering Sea." NMFS Processed Report, U.S. Department of Commerce, NOAA, NMFS. p. 88. *In National Marine Fisheries Service 2001(a).*
- Walline, P.D. 1983. "Growth of larval and juvenile walleye pollock related to year-class strength," Ph.D. Dissertation, University of Washington, Seattle, Washington. *In National Marine Fisheries Service 2001(a).*
- Walters, G.E., and T.K. Wilderbuer. 1997. "Flathead sole." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions as Projected for 1998, Bering Sea and Aleutian Islands Plan Team, ed., North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501. pp. 271-296. *In National Marine Fisheries Service 2001(a).*
- Waples, R.S. 1991. Pacific Salmon, *Oncorhynchus spp.*, and the definition of "species" under the Endangered Species Act. *Mar. Fsh. Rev.* 53(3):11-12.
- Wassenberg, T.J., G. Dews, and S.D. Cook. 2002. The impact of fish trawls on megabenthos (sponges) on the north-west shelf of Australia. *Fisheries Research* 58:141-151.
- Watkins, W.A., M.A. Daher, G.M. Reppucci, J.E. George, D.L. Martin, N.A. DiMarzio, and D.P. Gamnon. 2000. "Seasonality and distribution of whale calls in the North Pacific." *Oceanography*, 13(2):62-67. *In National Marine Fisheries Service 2001(a).*
- Weimerskirch, H., and Y. Cherel. 1998. "Feeding ecology of short-tailed shearwaters: breeding in Tasmania and foraging in the Antarctic?" *Marine Ecology Progress Series*, 167:261-274. *In National Marine Fisheries Service 2001(a).*
- Wertheimer, A.C. 1997. "The status of Alaska salmon." *Pacific salmon and their ecosystems; status and future options*. Symposium Proceedings, Seattle, Washington. pp. 179-197. *In National Marine Fisheries Service 2001(a).*
- Wespestad, V.G. 1993. "The status of Bering Sea pollock and the effect of the "Donut Hole" fishery." *Fisheries*, 18(3):18-25. *In National Marine Fisheries Service 2001(a).*
- Wespestad, V.G. 1987. "Population dynamics of Pacific herring (*Clupea palasii*), capelin (*Mallotus villosus*), and other coastal pelagic fishes in the eastern Bering Sea." *Proceedings of a Conference, November 1986*, Anchorage, Alaska. pp. 55-60. *In National Marine Fisheries Service 2001(a).*
- Wespestad, V.G., and J.M. Terry. 1984. "Biological and economic yields for eastern Bering Sea walleye pollock under differing fishing regimes." *North American Journal of Fisheries Management*, 4:204-215. *In National Marine Fisheries Service 2001(a).*
- Wespestad, V., and P. Dawson. 1992. "Walleye pollock." Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands regions as projected for 1993, Bering Sea/Aleutian Islands Plan Team, ed., North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501. pp. 1-1 to 1-32. *In National Marine Fisheries Service 2001(a).*
- Westrheim, S.J. 1996. "On the Pacific cod (*Gadus macrocephalus*) in British Columbia waters, and a comparison with Pacific cod elsewhere, and Atlantic cod (*G. morhua*)." *Canadian Technical Report of Fisheries and Aquatic Sciences*, 2092:390. *In National Marine Fisheries Service 2001(a).*

- Westrheim, S.J. 1970. Survey of rockfishes, especially Pacific ocean perch, in the northeast Pacific Ocean, 1963-66. *J. Fish. Res. Bd. Can.*, 27:1,781-1,809.
- Wilderbuer, T.K. 1997. "Yellowfin sole." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions as Projected for 1998, Bering Sea and Aleutian Islands Plan Team, ed., North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501. pp. 160-187. *In* National Marine Fisheries Service 2001(a).
- Wilderbuer, T.K. and D. Nichol. 2002. Yellowfin sole. *In* Appendix A: Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions. pp. 207-253. North Pacific Fishery Management Council, 605 West 4th Avenue, Suite 306, Anchorage, AK 99501.
- Wilderbuer, T.K. and G.E. Walters. 2002. Rock sole. *In* Appendix A Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Region. P 321-360. North Pacific Fishery Management Council, 605 West 4th Ave., Suite 306, Anchorage, AK 99501.
- Wilderbuer, T.K., and G.E. Walters. 1997. "Rock sole." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions as Projected for 1998, Bering Sea and Aleutian Islands Plan Team, ed., North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501. pp. 246-271. *In* National Marine Fisheries Service 2001(a).
- Wilderbuer, T.K., and G.E. Walters. 1992. "Rock sole." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions as Projected for 1993, Bering Sea and Aleutian Islands Plan Team, ed., North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501. *In* National Marine Fisheries Service 2001(a).
- Wilderbuer, T.K., and T.M. Sample. 1997. "Arrowtooth flounder." Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea and Aleutian Islands Regions as Projected for 1998, Bering Sea and Aleutian Islands Plan Team, ed., North Pacific Fishery Management Council, 605 W. 4th Avenue, Suite 306, Anchorage, Alaska 99501. pp. 220-244. *In* National Marine Fisheries Service 2001(a).
- Williams, G.C. 1999. Index Pennatulacea: annotated bibliography and indexes of the sea pens (Coelenterata: Octocorallia) of the world 1469-1999. *Proc. Calif. Acad. Sci.* 51:19-103.
- Williamson, N. Unpublished data. Alaska Fisheries Science Center, 7600 Sand Point Way, NE, Seattle, WA 98115.
- Wilson, W.J. 2003. Summary of information on groundfish fishery interactions with marine mammals, seabirds, and ESA listed salmonids in the Gulf of Alaska and Bering Sea and Aleutian Islands, with specific emphasis on proposed alternatives for minimizing impacts of fishing on essential fish habitat. North Pacific Fishery Management Council, Protected Resources Technical Report No. 1. 169 pp.
- Wing, B.L. 1997. Distribution of sablefish, *Anoplopoma fimbria*, larvae in the Eastern GOA. *In* M. Saunders and M. Wilkens (eds.). Proceedings of the International Symposium on the Biology and Management of Sablefish. pp 13-26. NOAA Tech. Rep. 130.
- Wing, B. L. 1985. Salmon stomach contents from the Alaska Troll Logbook Program, 1977-84. NOAA Tech. Memo. NMFS F/NWC-91. 41 pp.

- Wing, B.L., and D.R. Barnard. In preparation. A field guide to Alaskan corals. (manuscript on file). U.S. Department of Commerce, NOAA, NMFS, Alaska Fisheries Science Center, Auke Bay Laboratory, 11305 Glacier Highway, Juneau, Alaska 99801-8626.
- Witherell, D. 2002. A preliminary evaluation of fishery effects on essential fish habitat off Alaska. North Pacific Fishery Management Council, Anchorage, AK. Unpublished draft manuscript.
- Witherell, D. 2000. Groundfish in the Bering Sea and Aleutian Islands area: species profiles 2001. North Pacific Fishery Management Council, Anchorage, Ak. 15 pp.
- Witherell, D. 1996. Scallop fishery summary document included as an attachment to the Stock Assessment and Fishery Evaluation Report for the Scallop Fisheries Off Alaska, Council, March 1997. Document titled "Scallops" and dated November 27, 1996.
- Witherell, D, D. Ackley, and C. Coon. 2002. An overview of salmon bycatch in Alaska groundfish fisheries. *Alaska Fishery Research Bulletin*. (9)1:53-64.
- Witherell, D., and C. Coon. 2000. Protecting gorgonian corals off Alaska from fishing impacts. Proceedings of the First International Symposium on Deep-Sea Corals:117-125.
- Witherell, D., and C. Pautzke. 1997. A brief history of bycatch management measures for Eastern Bering Sea groundfish fisheries. *Marine Fisheries Review*. 59(4):15-22.
- Witherell, D., C. Pautzke, and D. Fluharty. 2000. An ecosystem-based approach for Alaska groundfish fisheries. *ICES Journal of Marine Science*. 57:771-777.
- Withler, R.E., T.D. Beacham, A.D. Schulze, L.J. Richards, K.M. Miller. 2001. Co-existing populations of Pacific ocean perch, *Sebastes alutus*, in Queen Charlotte Sound, British Columbia. *Marine Biology* 139:1-12.
- Wolotira Jr., R. J., T.M. Sample, S.F. Noel, and C.R. Iten. 1993. "Geographic and bathymetric distributions for many commercially important fishes and shellfishes off the west coast of North America, based on research survey and commercial catch data, 1912-1984." NOAA Technical Memorandum, *NMFS-AFSC-6*, U.S. Department of Commerce, NOAA. p. 184. In National Marine Fisheries Service 2001(a).
- Woodby, D., S. Meyer, K. Mabrey, V. O'Connel, C. Trowbridge, J.H. Schempf, E. Krieger, and D. Lloyd. 2002. Marine protected areas in Alaska: Recommendations for a public process. Alaska Department of Fish and Game. Regional Information Report 5J02-08.
- Yang, M-S. 1996. Diets of the important groundfishes in the Aleutian Islands in summer 1991. U.S. Dep. Commer., NOAA Tech. Memo. *NMFS-AFSC-60*. p. 105.
- Yang, M-S. 1993. "Food habits of the commercially important groundfishes in the Gulf of Alaska in 1990. NOAA Technical Memorandum, *NMFS-AFSC-22*, U.S. Department of Commerce, NOAA. p. 150.
- Yang, M-S., and M.W. Nelson. 2000. Food habits of the commercially important groundfishes in the Gulf of Alaska in 1990, 1993, and 1996. U.S. Dep. Commer., NOAA Tech. Memo. *NMFS-AFSC-112*. p. 174.
- Yoklavich, M.M. 1988. Marine harvest refugia for west coast rockfish: a workshop. NOAA Technical Memorandum NMFS, NOAA-TM-NMFS-SWFSC-255, 159 pp.
- Zhang, C.I. 1987. "Biology and Population Dynamics of Alaska plaice, *Pleuronectes quadrierculatus*, in the Eastern Bering Sea," Ph.D., University of Washington, 3707 Brooklyn Avenue, Seattle, Washington 98195. In National Marine Fisheries Service 2001(a)

- Zenger, H.H., Jr. and M.F. Sigler. 1992. Relative abundance of GOA sablefish and other groundfish based on National Marine Fisheries Service longline surveys, 1988-90. U.S. Dep. Commer., NOAA Tech. Memo. NMFS F/NWC-216, 103 pp.
- Zheng, J., and G.H. Kruse. 1998. "Stock-recruitment relationships for Bristol Bay Tanner crab." Alaska Fishery Research Bulletin, 5:116-130. In National Marine Fisheries Service 2001(b).
- Zheng, J., G.H. Kruse, and M.C. Murphy. 1998. "A Length-based approach to estimate population abundance of Tanner crab, *Chionoecetes bairdi*, in Bristol Bay, Alaska" in *Proceedings of the North Pacific Symposium on Invertebrate Stock Assessment and Management.* Canadian Special Publication of Fisheries and Aquatic Sciences, 125:97-105. In National Marine Fisheries Service 2001(a).
- Zimmermann, M. 1997. "Maturity and fecundity of arrowtooth flounder, *Atheresthes stomias*, from the Gulf of Alaska." *Fishery Bulletin*. 95(3):598-611. In National Marine Fisheries Service 2001(a).
- Zolotov, O.G. 1993. "Notes on the reproductive biology of *Pleurogrammus monopterygius* in Kamchatkan waters." *Journal of Ichthyology*. 33(4):25-37. In National Marine Fisheries Service 2001(a).
- Zug, G.R. and J.F. Parham. (1996). Age and growth in leatherback turtles, *Dermochelys coriacea*: A skeletochronological analysis. *Chelonian Conservation and Biology* 2: 244-249.