

---

## REFERENCES

---



Glaucous-winged gull on nest.

Photograph courtesy of USGS Alaska Science Center.

This Page Intentionally Left Blank

## LITERATURE CITED

- Ackerman, R.E., T.D. Hamilton, and R. Stuckenrath. 1979. Early culture complexes on the northern Northwest Coast. *Can. J. Archeology* 3:195-209.
- Ainsley, D.G., D.N. Nettleship, H.R. Carter, and A.E. Storey. 2002. Common murre (*Uria aalge*) in A. Poole and F. Gill, eds. *The birds of North America*, No. 666. The Academy of Natural Sciences, Washington, D.C.
- Angliss, R.P., D.P. DeMaster, and A.L. Lopez. 2001. Alaska marine mammal stock assessments, 2001. U.S. Dept. Commerce, Natl. Oceanographic and Atmospheric Agency Techn. Memo. NMFS-AFSC-124.
- Angliss, R.P., and R.B. Outlaw. 2005. Alaska marine mammal stock assessments, 2005. U.S. Dept. Commerce, Natl. Oceanographic and Atmospheric Agency Tech. Memo. NMFS-AFSC-161. 250 pp.
- Arimitsu, M.L., J.F. Piatt and M.R. Romano. 2007. Distribution of ground-nesting marine birds along shorelines in Glacier Bay, Southeastern Alaska: an assessment related to potential disturbance by backcountry users. *U.S.G.S. Sci. Invest. Rep.* 2007-5278.
- Baker, A.R., Loughlin, T.R., Burkanov, V., Matson, C.W., Trujillo, R.G., Calkins, D.G., Wickliffe, J.K., and J.W. Bickham. 2005. Variation of mitochondrial control region sequences of Steller sea lions: the three stock hypothesis. *J. Mammalogy* 86:1075-1084.
- Baicich, P.J., and C.J.O Harrison. 1997. *A guide to the nests, eggs, and nestlings of North American birds*, 2<sup>nd</sup> ed. Academic Press, San Diego.
- Baird, P. H. 1994. Black-legged kittiwake (*Rissa tridactyla*). In *The birds of North America*, No. 92. Poole, A., and F. Gill, eds. The Academy of Natural Sciences, Washington, D.C.
- Bartholomew, G.A. 1970. A model for the evolution of pinniped polygyny. *Evolution* 24: 546-559.
- Beale, C.M., and P. Monaghan. 2004. Human disturbance: people as predation-free predators? *J. Applied Ecol.* 41:335-343.
- Been, F. 1940. Notes taken in the field during inspection of Admiralty Island, Sitka National Monument and Glacier Bay National Monument, July 8 to August 17, 1940 (in the company of Victor Cahalane Fish and Wildlife Service). Typescript of daily log. McKinley Park, Alaska.
- Bickham, J.W., J.C. Patton, and T.R. Loughin. 1996. High variability for control-region sequences in a marine mammal: implications for conservation and biogeography of Steller sea lions (*Eumetopias jubatus*). *J. Mammalogy* 77(1):95-108.

- Bigg, M.A. 1969. The harbour seal in British Columbia. Fish. Res. Board Can. Bull. Vol. 172. 33pp.
- Bigg, M.A. 1981. Harbour seal, *Phoca vitulina* Linnaeus, 1758 and *Phoca largha* Pallas 1811. Pages 1-27 in Ridgeway, S.H., and R.J. Harrison, eds. Handbook of marine mammals, Vol. 2: seals. Academic Press, New York.
- Bishop, R.J. 1967. Reproduction, age determination and behavior of the harbor seal, *Phoca vitulina* in the Gulf of Alaska. MSc. Thesis, Univ. Alaska, Fairbanks.
- Bolduc, F., and M. Guillemette. 2003. Human disturbance and nesting success of common eiders: interactions between visitors and gulls. Biol. Conserv. 110: 77-83.
- Bonner, W. N. 1984. Lactation strategies in pinnipedia: problems for a marine mammalian group. Symp. Zool. Soc. 51: 253-272.
- Born, E.W., F.F. Riget, R. Dietz, and D. Andriashek. 1999. Escape responses of hauled out ringed seals (*Phoca hispida*) to aircraft disturbance. Polar Biol. 21:171-178.
- Brasseur, S., J. Creuwels, B. v/d Werf, and P. Reijnders. 1996. Deprivation indicates necessity for haul-out in harbor seals. Marine Mammal Sci. 12:619-624.
- Brown, K.M., and R.D. Morris. 1996. From tragedy to triumph: renesting in ring-billed gulls. Auk 113:23-31.
- Calambokidis J., L.E Healey, and G.H. Steiger. 1985. Reaction of harbor seals (*Phoca vitulina*) to boats in Glacier Bay, Alaska. Cascadia Res. Collective.
- Calambokidis, J., B.L. Taylor, S.D. Carter, G.H. Steiger, P.K. Dawson, and L.D. Antrim. 1987. Distribution and haul-out behavior of harbor seals in Glacier Bay, Alaska. Can. J. Zool. 65:1391-1396.
- Calkins, D.G., D.C. McAllister, K.W. Pitcher, and G.W. Pendleton. 1999. Steller sea lion status and trend in Southeast Alaska: 1979-1997. Marine Mammal Sci. 15(2):462-477.
- Campbell, R. 1968. Notes on a twenty-year-old glaucous-winged gull. Bird Banding 39: 226-227.
- De Laguna, F. 1972. Under Mount Saint Elias: the history and culture of the Yakutat Tlingit. Three Parts. Smithsonian Contributions to Anthropology 7, Washington, DC.
- De Laguna, F. 1990. Tlingit. Pages 203-229 in W. Suttles, ed. Volume 7 - Northwest Coast, Handbook of North American Indians, Smithsonian Inst., Washington DC.
- Dragoo, D.E., G.E. Byrd, and D.B. Irons. 2003. Breeding trends, population status, and diets of seabirds in Alaska, 2001. U.S.F.W.S. Rep. to Alaska Maritime Natl. Wildl. Refuge.

- Ehrlich, P., D. Dobkin, and D. Wheye. 1988. The birders handbook: a field guide to the natural history of North American birds. Simon and Schuster Inc., New York.
- Engelhard, G.H., A.N.J. Baarspul, M. Broekman, J.C.S. Creuwels, and P.J.H. Reijnders. 2002. Human disturbance, nursing behaviour, and lactational pup growth in a declining southern elephant seal (*Mirounga leonina*) population. Can. J. Zool. 80:1876-1886.
- Ewins PJ. 1991. Egg predation by corvids in gull colonies on Lake Huron. Colonial Waterbirds 14(2):186-189.
- Federal Register. September 18, 2006. Notice of Intent to Prepare a Legislative Environmental Impact Statement. Vol. 71, No. 180: 54687.
- Feltz, E.T., and F.H. Fay. 1966. Thermal requirements in vitro of epidermal cells from seals. Cryobiology 3:261-264.
- Fisher, H.D. 1952. The status of the harbour seal in British Columbia, with particular reference to the Skeena River. Fish. Res. Board Can. Bull., Vol. 93.
- Fowler, G.S. 1999. Behavioral and hormonal responses of Megallanic penguins (*Spheniscus magellanicus*) to tourism and nest site visitation. Biol. Conserv. 90:143-149.
- Frost, K.J., L.W. Lowry, and J.M. Ver Hoef. 1999. Monitoring the trend of harbor seals in Prince William Sound, Alaska after the Exxon Valdex oil spill. Marine Mammal Sci. 15: 494-506.
- Gelatt, T.S., A.W. Trites, K.K. Hastings, L.A. Jemison, K.W. Pitcher, and G. O'Corry-Crowe. 2007. Population trends, diet, genetics, and observations of Steller sea lions in Glacier Bay National Park. Pages 145-149 in: Piatt, J.F., and S.M. Gende, eds. Proceedings of the 4th Glacier Bay Science Symposium, 2004.
- Godfrey, W. 1986. The birds of Canada. National Museum of Natural Sciences, Ottawa.
- Goldschmidt, W.R. and T.H. Haas. 1998. Haa Aani, Our Land. Tlingit and Haida land rights and use. Univ. Washington Press, Seattle.
- Goetzmann, W. H. and K. Sloan. 1982. Looking far north: the Harriman Expedition to Alaska, 1899. Princeton Univ. Press, Princeton, NJ.
- Good T. P., J. C. Ellis, and A.C. Pierotti. 2000. Bounded hybrid superiority in an avian hybrid zone: effects of mate, diet, and habitat choice. Evolution 54(5):1774-1783.
- Grinnell, J., 1909. Birds and mammals of the 1907 Alexander Expedition to southeastern Alaska. Univ. California Publ. in Zool. 5:171-264.

- Hand J.L. 1980. Human disturbance in western gull *Larus occidentalis* livens colonies and possible amplification by intraspecific predation. *Biol. Conserv.* 18:59-63.
- Hatch, J.J., 2002, Arctic tern (*Sterna paradisaea*). In Poole, A., and F. Gill, eds., *The Birds of North America*, No. 707. Philadelphia, PA.
- Heaney V., and P. Monaghan. 1995. A within-clutch trade-off between egg production and rearing in birds. *Proceedings: Biol. Sci.* 261:361-365
- Henry, E., and M.O. Hammill. 2001. Impact of small boats on the haulout activity of harbour seals (*Phoca vitulina*) in Metis Bay, Saint Lawrence Estuary, Quebec, Canada. *Aquatic Mammals* 27:140-148.
- Herreman, J.K., Blundell, G.M., McDonald, and D.B., Ben-David, M. 2009. Asymmetrical male-mediated gene flow between harbor seal (*Phoca vitulina*) populations in Alaska. *Can. J. Zool.* 87:498-507.
- Hoffman, W., J.A. Wiens, and J.M. Scott. 1978. Hybridization between gulls (*Larus glaucescens* and *L. occidentalis*) in the Pacific Northwest. *Auk* 95:441-458.
- Hooge, E. 1995. Census methodology of black-legged kittiwakes in Glacier Bay National Park. Pages 64-66 in Engstrom, D.R., ed. *Proceedings of the 3<sup>rd</sup> Glacier Bay Science Symposium*, 1993. Natl. Park Serv., Anchorage.
- Hunn, E.S., D.R. Johnson, P.N. Russell, and T.F. Thornton. 2002. A study of traditional use of birds' eggs by the Huna Tlingit. *Techn. Rep. NPS/CCSOUW/NRTR-2002-02*. Pacific Northwest Coop. Ecosystem Studies Unit, Seattle.
- Hunt G.L., and M.W. Hunt. 1976. Gull chick survival: the significance of growth rates, timing of breeding and territory size. *Ecology* 57:62-75
- Jemison, L.A. 2006. Trip report: Sightings of branded Steller sea lions in Southeast Alaska and northern British Columbia 10-25 July and 22-30 August 2006. AK Dept. Fish Game, Div. Wildl. Conserv., Steller Sea Lion Progr. Unpubl. Rep.
- Jemison, L.A., Pendleton, G.W., Wilson, C.A., and R.J. Small. 2006. Long-term trends in harbor seal numbers at Tugidak Island and Nanvak Bay, Alaska. *Marine Mammal Sci.* 22: 339-360.
- Jewett, S.G. 1942. Bird notes from southeastern Alaska. *Murrelet* 23:67-76.
- Kennedy, E. D. 1991. Determinate and indeterminate egg-laying patterns: a review. *The Condor* 93:106-124.
- Kitaysky A.S., J. Wingfield, and J.F. Piatt. 1999. Dynamics of food availability, body condition and physiological stress response in breeding black-legged kittiwakes. *Functional Ecol.* 13:577-584.

- Kruse, G.H., M. Crow, E.E. Krygier, D.S. Lloyd, K.W. Pitcher, L.D. Rae, M. Ridgeway, R.J. Small, J. Stinson, and K.W. Wynne. 2001. A review of proposed fishery management actions and the decline of Steller sea lions (*Eumetopias jubatus*) in Alaska: a report by the Alaska Steller sea lion restoration team.
- Kucey, L. 2005. Human disturbance and the hauling out behavior of Steller sea lions (*Eumatopius jubatus*). M.S. Thesis, Univ. British Columbia, Vancouver. 75pp.
- Leseburg, A., P. Hockey, and D. Loewenthal. 2000. Human disturbance and the chick-rearing ability of African black oystercatchers (*Haematopus moquini*): a geographical perspective. Biol. Conserv. 96:379-385
- Lentfer, H. P., and A.J. Maier. 1995. Breeding ecology of the black oystercatcher in the Beardslee Island region of Glacier Bay National Park. Pages 67-69 in D.R. Engstrom, ed. Proceedings of the 3<sup>rd</sup> Glacier Bay Science Symposium. Natl. Park Serv., Anchorage, AK.
- Littlejohn, M. 2000. Glacier Bay National Park Bartlett Cove Visitor Study. National Park Service Visitor Serv. Proj. Rep. 114. Univ. Idaho. 112pp.
- Loughlin, T.R. 1997. Using the phylogeographic method to identify Steller sea lion stocks. Pages 329-341 in Dizon, A., S.J. Chivers, and W. Perrin, eds. Molecular genetics of marine mammals incorporating the proceedings of a workshop on the analysis of genetic data to address problems of stock identify as related to management of marine mammals. Spec. Pub. No. 3 of the Soc. Marine Mammology.
- Loughlin, T.R., A.S. Perlov, and V.A. Vladimirov. 1992. Range-wide survey and estimation of total number of Steller sea lions in 1989. Marine Mammal Sci. 8:220-239.
- Loughlin, T.R., D.J. Rugh, and C.H. Fiscus. 1984. Northern sea lion distribution and abundance: 1956-1980. J. Wildl. Manage. 48: 729-740.
- Lowry, L.F., K.J. Frost, J.M. Ver Hoef, and R.A. DeLong. 2001. Movements of satellite-tagged subadult and adult harbor seals in Prince William Sound, Alaska. Marine Mammal Sci. 17(43):835-861.
- Mathews, E.A. 1993. Opportunistic counts of northern sea lions (*Eumetopias jubatus*) in Glacier Bay National Park and Preserve. Final report to the National Park Service, Glacier Bay National Park, Gustavus, AK.
- Mathews, E.A. 1996. Distribution and ecological role of marine mammals (in Southeast Alaska). Supplemental Environmental Impact Statement, U.S. Environ. Protection Agency, Region 10.

- Mathews, E.A. 1999. Progress report: measuring the effects of vessels on harbor seals (*Phoca vitulina richardsi*) at North Marble Island, a terrestrial haulout in Glacier Bay National Park. Final report to the National Park Service, Glacier Bay National Park, Gustavus, AK.
- Mathews, E.A. 2000. Reactions of Steller sea lions (*Eumetopius jubatus*) to vessels at a haul out in Glacier Bay. Final Report to the National Park Service, Glacier Bay National Park, Gustavus, AK.
- Mathews, E.A., and G.W. Pendleton. 2006. Declines in harbor seal (*Phoca vitulina*) numbers in Glacier Bay National Park, Alaska, 1992-2002. *Marine Mammal Sci.* 22(1):167-189.
- Mawhinney K., A.W. Diamond, and F.P. Kehoe. 1999. The use of energy, fat, and protein reserves by breeding great black-backed gulls. *Can. J. Zoology* 77(6):1459-1464.
- Menzies, A. 1993. The Alaska travel journal of Archibald Menzies, 1793-1794. Univ. Alaska Press, Fairbanks.
- Merilee, W. 1974. A glaucous-winged gull mated to a herring gull on Okanagan Lake, British Columbia. *Can. Field-Naturalist* 88: 485-486.
- Merrick, R.L., D.G. Calkins, and D.A. McAllister. 1992. Aerial and ship-based surveys of Steller sea lions in Southeast Alaska, the Gulf of Alaska, and Aleutian Islands during June and July 1991. U.S. Dept. Commerce, Natl. Oceanographic and Atmospheric Agency Tech. Memo. NMFS-AFSC-1. 37 pp.
- Merrick, R.L., T.R. Loughlin, and D.G. Calkins. 1987. Decline in abundance of the northern sea lion, *Eumetopias jubatus*, in Alaska, 1956-86. *Fish. Bull.*, U.S. 85:351-365.
- Monaghan P., and R.G. Nager. 1997. Why don't birds lay more eggs? *Tree* 12(7):270-274.
- Monaghan, P., Nager, R.G., Houston, D.C. 1998. The price of eggs: increased investment in egg production reduces the offspring rearing capacity of parents. *Proc. of the Royal Soc. of London*. 1731-1735.
- Monteith, D., C. Connor, G. Streveler, and W. Howell. 2007. Geology and oral history: complementary views of a former Glacier Bay landscape. Pages 50-53 in Piatt, J.F., and S.M. Gende, eds. *Proceedings of the 4th Glacier Bay Science Symposium*, 2004. U.S. Geological Survey, Scientific Investigation Report.
- Moss, M.B. 2006. Traditional territory of the Huna Tlingit. Report to the Alaska Department of Fish and Game, Subsistence Division, Juneau, AK.
- Murphy, E., R. Day, K. Oakley, A. Hoover. 1984. Dietary changes and poor reproductive performance in glaucous-winged gulls. *Auk* 101: 532-541.

- Nager R.G., P. Monaghan, and D.C. Houston. 2000. Within-clutch trade-offs between the number and quality of eggs: experimental manipulations in gulls. *Ecology* 81(5): 1339-1350.
- National Marine Fisheries Service. 1992. Recovery plan for the Steller sea lion (*Eumetopias jubatus*). Report to the National Marine Fisheries Service, Silver Spring, MD. 92pp.
- National Park Service. 1984. Glacier Bay National Park and Preserve General Management Plan. <http://www.nps.gov/glba/parkmgmt/planning.htm>
- National Park Service. 2001. Directors Order #12: Conservation Planning, Environmental Impact Analysis, and Decision Making. Washington, D.C. 123 pp.
- National Park Service. 2006. Management Policies. <http://www.nps.gov/policy/MP2006.pdf>
- Nelson, J.W., and W.A. Lenhausen. 1983. Marine bird and mammal survey of the outer coast of Southeast Alaska, summer 1982. Report to the U.S. Fish and Wildlife Service, Anchorage, AK.
- Newton, R. G., and M.L. Moss. 2005. Haa atxaayi haa kusteeiyix sitee, our food is our Tlingit way of life. U.S.D.A. Forest Service, Alaska Region, R10-MR-30. Juneau, AK. 50pp.
- Nisbet, I.C. T. 1996. Post-fledging survival in common terns in relation to brood order, hatching date and parental age. *Colonial Waterbirds* 19:253-255
- Nisbet I.C.T., and W. H. Drury. 1972. Post-fledging survival in herring gulls in relation to brood-size and date of hatching. *Bird-banding* 43:161-172
- O'Corry-Crowe, G.M., K.K. Martien, and B.L. Taylor. 2003. The analysis of population genetic structure in Alaskan harbor seals, *Phoca vitlina*, as a framework for the identification of management stocks. Natl. Marine Fish. Serv., Southwest Fish. Sci. Center Admin. Report LJ-03-08. 54pp.
- Oberg, K. 1973. The social economy of the Tlingit Indians. Univ. Washington Press, Seattle. 146pp.
- Paige, B. 1975. Gull nesting failure, Marble Islands, Glacier Bay, Alaska. Unpubl. Report. National Park Service, Gustavus, AK.
- Parsons, J. 1976. Factors determining the number and size of eggs laid by the herring gull. *Condor* 78:481-492.
- Patten, S.M. 1974. Breeding ecology of the glaucous-winged gull (*Larus glaucescens*) in Glacier Bay, Alaska. M.Sc. Thesis, Univ. Washington, Seattle.

- Pierotti R., and C. Bellrose. 1986. Proximate and ultimate causation of egg size and the “third-chick disadvantage” in the Western gull. *Auk* 103:401-407.
- Pitcher, K.W. 1990. Major decline in the number of harbor seals (*Phoca vitulina richardsi*) on Tugidak Island, Gulf of Alaska. *Marine Mammal Sci.* 6: 121-134.
- Pitcher, K.W., and D.G. Calkins. 1979. Biology of the harbor seal (*Phoca vitulina richardsi*) in the Gulf of Alaska. U.S. Dept. Commerce, Natl. Oceanographic and Atmospheric Administration, Outer Continental Shelf Environmental Assessment Program Final Report 19(1983):231.
- Pitcher, K.W., and D.C. McAllister. 1981. Movements and haul out behavior of radio-tagged harbor seals, *Phoca vitulina*. *Can. Field Naturalist* 95:292-297.
- Pitcher, K.W., Olesiuk, P.F., Brown, R.F., Lowry, M.S., Jeffries, S.J., Sease, J.L., Perryman, W.L., Stinchcomb, C.E., Lowry, and L.F. 2007. Abundance and distribution of the eastern North Pacific Steller sea lion (*Eumetopias jubatus*) population. *Fish. Bull.* 107: 102-115.
- Prevot-Julliard A.C., Pradel R., Julliar R., Grosbois V., and J.D. Lebreton. 2000. Hatching date influences age at first reproduction in the black-headed gull. *Oecologia* 127:62-68
- Raum-Suryan, K. 2001. Trip report: brand resight of Steller sea lions in Southeast Alaska and Northern British Columbia from 13 June – 3 July 2001.
- Raum-Suryan, K.L., Pitcher, K.W., Calkins, D.G., Sease, J.L., and T.R. Loughlin. 2002. Dispersal, rookery fidelity, and metapopulation structure of Steller sea lions (*Eumetopias jubatus*) in an increasing and a decreasing population in Alaska. *Marine Mammal Sci.* 18: 746-764.
- Risch T.S., and F.C. Rohwer. 2000. Effects of parental quality and egg size on growth and survival of herring gull chicks. *Can. J. Zoology* 78:967-973.
- Ronald, K., and C.A. Thomson. 1981. Parturition and post partum behavior of a captive harbour seal, (*Phoca vitulina*). *Aquatic Mammals* 8:79-90.
- Salzer, D.W., and G.J. Larkin. 1990. Impact of courtship feeding on clutch and third-egg size in glaucous-winged gulls. *Animal Behaviour* 39:1149-1162.
- Scheffer, V.B., and J.W. Slipp. 1944. The harbor seal in Washington State. *American Midland Naturalist* 32:373-416.
- Schroeder, R.F. 1995. Historic and contemporary Tlingit use of Glacier Bay. Pages 278-293 in D. Engstrom, ed. *Proceedings of the 3<sup>rd</sup> Glacier Bay Science Symposium*, Natl. Park Serv., Anchorage, AK.

- Schroeder, R. F., and M. Kookesh. 1990. Subsistence harvest and use of fish and wildlife resources and the effects of forest management in Hoonah, Alaska. Alaska Dept. Fish and Game, Div. Subsistence, Juneau, AK.
- Sease, J.L., Taylor, W.P., Loughlin, T.R., and K.W. Pitcher. 2001. Aerial and land-based surveys of Steller sea lions (*Eumetopias jubatus*) in Alaska, June and July 1999 and 2000. U.S. Dept. Commerce, NOAA Techn. Memo. NMFS-AFSC-122. 52 pp.
- Small, R.J., Lowry, L.F., Ver Hoef, J.M., Frost, K.J. , DeLong, R.A., and M.J. Rehberg. 2005. Differential movements by harbor seal pups in contrasting Alaskan environments. *Marine Mammal Sci.* 21: 671-694.
- Small, R.J., G.W. Pendleton, and K.W. Pitcher. 2003. Trend in the abundance of Alaska harbor seals, 1983-2001. *Marine Mammal Sci.* 19: 344-362.
- Spear, L. B., and D.W. Anderson. 1989. Nest-site selection by yellow-footed gulls. *Condor* 91:91-99.
- Streveler, G.P. 1989a. Black-legged kittiwakes of Glacier Bay National Park. National Park Service, Glacier Bay National Park and Preserve, Gustavus, AK.
- Streveler, G. 1989b. Steller sea lion haulout use history along Glacier Bay. Glacier Bay National Park, Gustavus, Alaska.
- Suryan, R.M., and J.T. Harvey. 1999. Variability in reaction of Pacific harbor seals, *Phoca vitulina richardsi*, to disturbance. *Fish. Bull.* 97:332-339.
- Swanton, J. R. 1909. Tlingit myths and texts. Smithsonian Institute Bureau of American Ethnology Bull. 39. Washington, DC. 451pp.
- Taggart, S.J., A.G. Andrews, J. Mondragon, J., and E.A. Mathews. 2005. Co-occurrence of Pacific sleeper sharks *Somniosus pacificus* and harbor seals *Phoca vitulina* in Glacier Bay. *Alaska Fish. Res. Bull.* 11(2):113-117.
- Thompson S.P. 1989. Observations of bald eagles eating glaucous-winged gull eggs in western Washington. *Northwestern Naturalist* 70:13-14.
- Thompson, P., and P. Rothery. 1987. Age and sex differences in the timing of moult in the common seal (*Phoca vitulina*). *J. Zoological Soc. of London* 212:597-603.
- Thornton, T.F. 1995. Place and meaning among the Tlingit. PhD Dissert. Univ. Washington, Seattle.
- Thornton, T. F. 1997a. Anthropological studies of North American Indian place naming. *Amer. Indian Quart.* 21(2):209-228.

- Thornton, T.F. 1997b. Know your place: the organization of Tlingit geographic knowledge. *Ethnology* 36(4):295-307.
- Thornton, T.F. 1999. Tleikwaani, the ‘berried’ landscape: the structure of Tlingit edible fruit resources at Glacier Bay, Alaska. *J. Ethnobiology* 19:27-48.
- Thornton, T.F. 2000. Person and place: lessons from Tlingit teachers. Pages 79-86 in *Celebration 2000: restoring balance through culture*. Sealaska Heritage Foundation, Juneau, AK.
- Thornton, T.F. 2004. The geography of Tlingit character. Pages 363-384 in *Coming to shore: Northwest Coast ethnology, tradition, and visions*. M. Mauzé, M. Harkin, and S. Kan, eds. Univ. Nebraska Press, Lincoln.
- Trager, E.A. 1939. Glacier Bay expedition, 1939. File report, NAPSR RG79, Western Region, central classified files, Box 293.
- United States Census Bureau. 2000. Online database.  
<http://www.censtats.census.gov/data/AK/160023360.pdf>.
- United States Fish and Wildlife Service. 2003. Beringian seabird colony catalog – computer database and colony status record archives.
- Vancouver, G. 1801. A voyage of discovery to the North Pacific ocean and around the world. London.
- Verbeek, N.A.M. 1988. Differential predation of eggs in clutches of glaucous-winged gulls *Larus glaucescens*. *Ibis* 130:512-518.
- Verbeek, N.A.M. 1993. Glaucous-winged Gull (*Larus glaucescens*). In: Poole A, Gill F (eds) *The Birds of North America*, Vol 59. The Academy of Natural Sciences, Philadelphia
- Verhulst, S., K. Oosterbeek, and B.J. Ens. 2001. Experimental evidence for effects of human disturbance on foraging and parental care in oystercatchers. *Biol. Conserv.* 101:375-380.
- Vermeer, K., K.H. Morgan, G.E. J. Smith, and B.A. York. 1991. Effects of egging on the reproductive success of glaucous-winged gulls. *Colonial Waterbirds* 14:158-165.
- Walsberg GE. 1983. Avian ecological energetics. In: D.S. Farner, King J.R., and C.S. Parkes, eds. *Avian Biology*. Academic Press, New York.
- Ward S. 1996. Energy expenditures of female barn swallows *Hirundo rustica* during egg formation. *Physiological Zoology* 69(930-951).
- Wendeln H, P., H. Becker, and Gonzalez-Solis. 2000. Parental care of replacement clutches in common terns (*Sterna hirundo*). *Behavioral Ecol. and Sociobiology* 47:382-392.

- Womble, J.N., and M.F. Sigler. 2006. Seasonal availability of energy-rich prey influences the abundance and diet of a marine predator, the Steller sea lion, *Eumetopias jubatus*. *Marine Ecol. Progress Ser.* 325:281-293.
- Womble, J.N., Gende, S.M., and G.M. Blundell. 2007. Dive behavior of a harbor seal (*Phoca vitulina richardii*) in the presence of transient killer whales (*Orcinus orca*) in Glacier Bay National Park, Alaska. *Marine Mammal Sci.* 23: 203-208.
- Womble, J.N., Pendleton, G.W., Mathews, E.A., Blundell, G.M., Bool, N.M., and S.M. Gende. In review. Harbor seal declines continue in the rapidly changing landscape of Glacier Bay National Park, 1992-2008. *Marine Mammal Sci.*.
- Womble, J.N., Sigler, M.F., and M.F. Willson. 2009. Linking seasonal distribution patterns with prey availability in a central-place forager, the Steller sea lion. *J. Biogeography* 36: 439-451.
- Womble, J.N., Willson, M.F., Sigler, M.F., Kelly, B.P., and G.R. VanBlaricom. 2005. Distribution of Steller sea lions *Eumetopias jubatus* in relation to spring-spawning fish in southeastern Alaska. *Marine Ecol. Progress Ser.* 294: 271-282.
- Wood, P. J., Hudson M.D., and C.P. Doncaster. 2009. Impact of egg harvesting on breeding success of black-headed gulls, *Larus ridibundus*. *Acta Oecologica-Intl. J. Ecology* 35:83-93
- Wooler R. D. 1980. Repeat laying by kittiwakes *Rissa tridactyla*. *Ibis* 122:226-229
- York, A.E., R.L. Merrick, and T.R. Loughin. 1996. An analysis of the Steller sea lion metapopulation in Alaska. Pages 259-292 in D.R. McCullough, ed. *Metapopulations and wildlife conservation*. Island Press, Covelo, CA.
- Zador, S.G. 2001. Reproductive and physiological consequences of egg predation for glaucous-winged gulls. M.Sc. Thesis, Univ. Washington, Seattle. 59pp.
- Zador, S. G., and J.F. Piatt. 1999. Populations and productivity of seabirds at South Marble Island Glacier Bay, Alaska during May-July 1999. Report to the National Park Service. Glacier Bay National Park and Preserve, Gustavus, AK.
- Zador, S.G., J.F. Piatt, and A.E. Punt. 2006. Balancing predation and egg harvest in a colonial seabird: a simulation model. *Ecological Modeling* 195:318-326.

## INDEX

Accessing sites - 2-3, 2-4, 2-5, 2-6, 3-28

Alaska Department of Fish and Game (ADF&G) - 3-17, 5-1

Alternative 1 (No Action) - 2-1, 2-11, 2-13, 2-14, 2-15, 4-5, 4-6, 4-8, 4-9, 4-10, 4-12, 4-15, 4-16, 4-19, 4-22, 4-25, 4-29, 4-30, A-11

Alternative 2 - 2-1, 2-13, 2-14, 2-15, 4-5, 4-12, 4-16, 4-20, 4-23, 4-27, 4-28, 4-29, 4-30, A-11

Alternative 3 - 2-1, 2-11, 2-14, 2-15, 4-9, 4-13, 4-17, 4-21, 4-24, 4-28, 4-29, 4-30, 4-31, A-11

ANILCA - 1-3, 3-18, A-5, A-9, A-10, A-12, A-14

Arctic tern - 1-10, 2-8, 2-9, 2-12, 3-11, 4-13

Bald eagle - 1-11, 1-12, 3-5, 4-4, 4-5

Black-legged kittiwake - 1-10, 2-8, 2-9, 2-12, 3-6, 3-7, 3-8, 3-9, 3-10, 3-11 3-26, 4-12, 4-13, A-3

Black oystercatcher - 1-10, 2-8, 2-9, 2-12, 3-8, 3-11, 4-13

Boulder Island - 2-2, 2-3, 2-5, 2-8, 3-6, 3-8, 3-11, 3-28, 4-7, 4-9

Common murre - 3-8, 3-9, A-3, A-4

Connection to homeland - 1-2, 3-19, 3-25, 3-26, 4-24

Double crested cormorant - 1-10, 2-12, 3-10

Egg gathering sites - 2-2, 3-27

Egg quality - 3-27, 3-29

Enabling Legislation for Glacier Bay - 1-3, 4-5, 4-9, 4-11, 4-12, 4-13, 4-14, 4-16, 4-17, 4-18, 4-20, 4-21, 4-23, 4-24, 4-28

Endangered Species Act (ESA) - 1-6, 3-12, 4-14, 4-15, 5-1

Ethnographic resource - 1-9, 1-11, 3-1, 4-24, 4-25, 4-27, 4-28

Flapjack Island - 2-2, 2-3, 2-5, 2-8, 3-6, 3-8, 3-11, 3-28, 4-7

Geikie Rock - 2-2, 2-3, 2-5, 2-8, 3-6, 3-8, 4-7, 4-9

Glaucous-winged gull - 1-1, 1-5, 1-6, 1-9, 1-10, 1-11, 1-14, 2-1, 2-2, 2-3, 2-7, 2-8, 2-9, 2-10, 2-12, 2-13, 2-15, 3-1, 3-2, 3-3, 3-4, 3-5, 3-6, 3-11, 3-27, 4-3, 4-4, 4-5, 4-6, 4-8, 4-9, 4-10, 4-11, 4-12, 4-13, 4-16, 4-23, 4-27, 4-28, 4-29, 4-30, A-3, A-4, A-5, A-6, A-7, A-11, A-12, A-14

Haa shagoon - 3-23, 3-26, 4-25

Harbor seal - 1-10, 2-10, 2-15, 3-1, 3-14, 3-16, 3-17, 3-18, 4-3, 4-15, 4-18, 4-19, 4-20, 4-21, 4-30, 4-31

Harvest group size - 2-1, 2-4

Harvest limits - 2-4

Harvest locations - 1-1, 1-12, 1-13, 2-1, 2-2, 2-3, 2-4, 3-20, 4-13, 4-14, 4-17, 4-18, A-11

Harvest methods - 1-1, 2-4, 3-23, 3-25, 4-27, 4-28

Harvest plan - 1-10, 2-1, 2-4, 4-27, A-11

Harvest strategy - 1-1, 2-11, 2-13, 2-14, 3-27, 3-30, 3-34

Haul outs - 1-10, 1-12, 2-4, 2-6, 3-13, 3-14, 3-17, 4-16, 4-17 4-19, 4-20

Herring gull - 2-3, 3-4

Hoonah - 1-5, 1-6, 2-1, 2-4, 2-11, 2-12, 3-19, 3-20, 3-23, 3-24, 3-26, 3-29, 3-30, 4-2, 4-3, 4-25, 4-27, 4-28, 4-29, A-12

Hoonah Indian Association (HIA) - 1-1, 1-4, 1-5, 1-6, 1-9, 2-1, 2-4, 2-5, 2-10, 2-11, 2-12, 4-2, 4-26, 4-27, 5-1A-9, A-11

Horned puffin - 1-10, 3-9, 3-11, A-3, A-4

Human disturbance - 3-8, 4-5, 4-8, 4-9, 4-10, 4-12, 4-13, 4-14, 4-15, 4-16, 4-17, 4-18, 4-19

Humpback whales - 1-12, 1-13

Huna Tlingit - 1-1, 1-2, 1-4, 1-6, 1-11, 2-11, 2-12, 2-13, 2-14, 2-15, 3-18, 3-19, 3-20, 3-21, 3-22, 3-23, 3-24, 3-26, 3-27, 3-28, 3-29, 3-31, 4-3, 4-24, 4-25, 4-26, 4-27, 4-28, 4-29, 4-30 4-31, A-5, A-6, A-7

Intergenerational learning - 1-2, 3-25

Lone Island - 2-2, 2-3, 2-5, 2-9, 3-6, 3-8, 3-11, 3-28, 4-6, 4-7, 4-9, 4-13

Marine Mammal Protection Act - 1-6, 4-15, 4-19

Memorandum of Understanding, -1-4, 2-5, A-6, A-7

Migratory Bird Treaty Act - 1-2, 1-5, 1-14, 3-24, 4-2

Mitigation measures - 2-10, 2-11, 4-29

Monitoring - 1-1, 1-9, 2-1, 2-2, 2-4, 2-10, 2-11, 2-14, A-11

Muir Inlet - 2-2, 2-3, 2-9, 3-6, 3-11, 3-28, 4-7

National Marine Fisheries Service - 3-17

National Park - 1-1, 1-2, 1-3, 1-6, 1-7, 1-8, 1-9, 1-12, 1-13, 1-14, 2-1, 2-5, 2-8, 2-9, 2-10, 2-12, 2-13, 3-1, 3-6, 3-11, 3-13, 3-14 3-17, 3-18, 3-19, 3-23, 3-27, 4-2, 4-3, 4-5, 4-6, 4-12, 4-15, 4-16, 4-19, 4-22, 4-23, 4-25, 4-27, 4-28, 4-29, A-5, A-6, A-7 A-8, A-9, A-10, A-11, A-12 A-13, A-14

NOAA - 1-6, 4-14, 5-1

North Marble Island - 2-12, 3-2, 3-4, 3-5, 3-6, 3-9, 3-28, 4-7, A-4

Organic Act - 1-4, 1-5

Physiological stress - 1-9, 3-4, 4-8, 4-10, 4-16

Pigeon guillemot - 1-10, 2-7, 3-6, 3-7, 3-11, 4-12, A-3, A-4

Predation - 1-10, 2-10, 2-11, 3-2, 3-3, 3-4, 3-5, 3-13, 4-1, 4-4, 4-5, 4-6, 4-8, 4-9, 4-10, 4-11, 4-12, 4-13, 4-14, 4-19, 4-20

Public Law (Glacier Bay National Park) - 1-12

Replacement laying - 3-1, 3-3, 3-2, 4-8

Resource Management Act of 2000) - 1-1, A-1, A-2, A-5, A-6

Russell Island - 3-6, 3-28

Sealers Island - 2-2, 2-3, 2-9, 3-6, 3-11, 3-28, 4-7

Seasonal round - 3-22, 3-23, 4-25, 4-27

Sebree Island - 2-2, 2-3, 3-6, 3-11, 3-28, 4-7

Simulated harvest study - 3-3, 4-6, 4-9

Wilderness - 1-2, 1-6, 1-10, 1-12, 2-15, 3-1, 3-18, 3-19, 4-21, 4-22, 4-23, 4-24, A-5, A-6, A-7

Site accessibility - 3-29

Site selection - 2-2

South Marble Island - 1-2, 1-9, 1-10, 1-11, 1-12, 2-2, 2-3, 2-5, 2-6, 2-10, 3-1, 3-2, 3-3, 3-4, 3-5, 3-6, 3-7, 3-8, 3-9, 3-10, 3-11, 3-13, 3-15, 3-16, 3-18, 3-26, 3-27, 3-28, 3-29, 4-4, 4-5, 4-6, 4-7, 4-9, 4-12, 4-13, 4-15, 4-16, 4-17, 4-19, A-3

Steller sea lion - 1-1-, 1-12, 1-13, 2-3, 2-10, 2-15, 3-1, 3-12, 3-13, 3-14, 3-15, 3-16, 3-18, 4-14, 4-15, 4-16, 4-17, 4-18, 4-30, 4-31, 5-1

Sturgess Island - 2-2, 2-3, 2-8, 3-6, 3-11, 3-28, 4-7

Timing of egg laying - 3-29

Three-year study - 2-10

Tlingit Point - 2-2, 2-3, 3-6, 3-11, 4-7

Traditional food - 3-20, 3-21, 3-22

Tribal consultation - 1-6, 1-8, 5-1

Tufted puffin - 1-10, 2-12, 3-9, 3-11, A-3, A-4

U.S. Fish and Wildlife Service (USFWS) - 1-14, 3-7, 3-8, 4-2

Vegetation - 1-11, 2-2, 2-12, 3-1, 3-5, 3-7, 3-10, 4-2, 4-4, 4-5, 4-8, 4-12, 4-13, 4-14, 4-23

Vegetation manipulation - 2-12

Vessel disturbance - 4-10, 4-19, 4-20, 4-21

Visitor experience - 1-12, 2-10