

## SELECTED PUBLICATIONS

- Ambrose, R., and **R. J. Ritchie**. 2003. Peregrine Falcons, naturalists, scientists, and biologists in Alaska, 1900 to 2000. Pp.189–198 in T. J. Cade and W. Burnham (eds.). Return of the Peregrine: a North American saga of tenacity and teamwork. The Peregrine Fund, Boise, ID. 394 pp.
- Ambrose, R. E., **R. J. Ritchie**, C. M. White, P. Schempf, T. Swem, and R. Dittrick. 1988. Changes in the status of Peregrine Falcons in Alaska. Pp. 73–82 in T. J. Cade, J. H. Enderson, C. G. Thelander, and C. M. White, eds. Peregrine Falcon populations. Peregrine Fund, Inc., Boise, ID.
- Anderson, B. A., C. B. Johnson, B. A. Cooper**, L. N. Smith, and **A. A. Stickney**. 1999. Habitat associations of nesting Spectacled Eiders on the Arctic Coastal Plain of Alaska. Pp. 27–33 in R. I. Goudie, M. R. Petersen, and G. J. Robertson, eds. Behaviour and ecology of sea ducks. Occasional Paper Series No. 100, Canadian Wildlife Service, Ottawa, ON, Canada.
- Anderson, B. A., S. M. Murphy**, B. A. Kugler, D. S. Barber, and M. R. Joyce. 1993. The effects on waterbirds of increased noise from the expansion of a gas compressor plant at Prudhoe Bay, Alaska, USA. Pp. 247–250 in M. Vallet, ed. Noise & Man '93: noise as a public health problem. Proceedings of the 6th International Congress, Nice, France, July 1993. Vol. 2. INRETS, Arcueil Cedex, France.
- Boisvert, J. H.**, R. W. Hoffman, and K. P. Reese. 2005. Home range and seasonal movements of Columbian Sharp-tailed Grouse associated with Conservation Reserve Program and mine reclamation. Western North American Naturalist 65:36–44
- Boehm, P. D., D. S. Page, J. M. Neff, and **C. B. Johnson**. 2007. Potential for Sea Otter exposure to remnants of buried oil from the *Exxon Valdez* oil spill. Environmental Science and Technology 41: 6860–6867.
- Brown, J., and **M. T. Jorgenson**. 2002. The Alaskan Beaufort key sites: a contribution to the Arctic Coastal Dynamics (ACD) Program (abstract). Pages 230–231 in Proceedings of International Conference Extreme Phenomena In Cryosphere: Basic and Applied Aspects, Puschino, Russia.
- Brown, M. T., **M. T. Jorgenson**, and **M. Macander**. 2001. Fifty-year record of arctic coastal erosion, Barrow, Alaska. Eos 82: S231. [abstract]
- Brown, J., **M. T. Jorgenson**, and **M. Macander**. 2002. Fifty-year record of coastal erosion along Elson Lagoon, Barrow, Alaska. Pages 26–27 in Arctic Forum 2001. Arctic Research Consortium of the U.S. (ARCUS), Fairbanks, AK. 84 pp.
- Brown, J., **M. T. Jorgenson**, O. Smith, and W. Lee. 2002. Establishment of the Elson Lagoon ACD Key Site, Barrow, Alaska. Pages 13-15 in V. Rachold, J. Brown, and S. Solomon, eds. Arctic Coastal Dynamics—Report of an International Workshop Potsdam (Germany) 2603- November 2001.
- Brown, J., **M. T. Jorgenson**, O. P. Smith, and W. Lee. 2003. Long-term rates of coastal erosion and carbon yields, Elson Lagoon, Barrow, Alaska. Pp. 109–115 in M. Phillips, S. M. Springman, and L. U. Arenson (eds.). Permafrost: Proceedings of the Eighth International Permafrost Conference. A. A. Balkema Publishers, Lisse, The Netherlands.

- Burgess, R. M.** 2000. Arctic foxes. Pp. 159–178 in J. C. Truett and S. R. Johnson, eds. *The natural history of an arctic oil-field*. Academic Press, New York, NY.
- Burgess, R. M., and A. A. Stickney.** 1994. Interspecific aggression by Tundra Swans toward Lesser Snow Geese on the Sagavanirktok River Delta, Alaska. *Auk* 111: 204–207.
- Cater, T. C., M. T. Jorgenson, S. C. Bishop** and C. L. Rea. 2007. Erosion control and restoration of a sand dune on the Colville River Delta, northern Alaska. *Ecological Restoration* 25(4): 238-246
- Cater, T. C., M. T. Jorgenson, S. C. Bishop,** and C. L. Rea. 2008. Slope stabilization in an oilfield in arctic Alaska. *Erosion Control* 15 (January–February): 30–39.
- Cole, M. B., K. R. Russell, and T. J. Mabee.** 2003. Relation of headwater macroinvertebrate communities to in-stream and adjacent stand characteristics in managed second-growth forests of the Oregon Coast Range mountains. *Canadian Journal of Forest Research* 33:1433–1443.
- Cole, M. B., D. M. Price, and B. R. Fransen.** 2006. Changes in the upper extent of fish distribution in eastern Washington streams between 2001 and 2002. *Transactions of the American Fisheries Society* 135: 634–642.
- Cooper, B. A.** 1996. Use of radar for wind-related avian research. Pp. 58–73 in *Proceedings of the National Avian–Wind Power Planning Meeting II*, Palm Springs, CA. Prepared for the Avian Subcommittee of the National Wind Coordinating Committee by RESOLVE Inc., Washington, D.C., and LGL Ltd., King City, ON, Canada.
- Cooper, B. A., and R. J. Blaha.** 2002. Comparisons of radar and audio-visual counts of Marbled Murrelets during inland forest surveys. *Wildlife Society Bulletin* 30:1182–1194.
- Cooper, B. A., and R. H. Day.** 1998. Summer behavior and mortality of Dark-rumped Petrels and Newell’s Shearwaters at power lines on Kauai. *Colonial Waterbirds* 21: 11–19.
- Cooper, B. A., and R. H. Day.** 2003. Movement of the Hawaiian Petrel to inland breeding sites on Maui Island, Hawaii. *Waterbirds* 26:62–71.
- Cooper, B. A.** and T. Hamer. 2003. Appendix H: Use of radar for Marbled Murrelet surveys. In D. Evans Mack, W. P. Ritchie, S. K. Nelson, E. Kuo-Harrison, P. Harrison, and T. E. Hamer, eds. 2002. *Methods for surveying Marbled Murrelets in forests: a revised protocol for land management and research*. Pacific Seabird Group unpublished document available at <http://www.pacificseabirdgroup.org>
- Cooper, B. A., and R. J. Ritchie.** 1994. Wind power and birds: radar techniques for environmental assessment. Pages 323–325 in *Wind Power 1994, Proceedings of the American Wind Energy Association*, 10–13 May 1994, Minneapolis, MN.
- Cooper, B. A., and R. J. Ritchie.** 1995. Visual and radar studies of the altitude of bird migration in eastcentral Alaska. *Journal of Field Ornithology* 66: 590–606.

- Cooper, B. A., R. H. Day, R. J. Ritchie,** and C. L. Cranor. 1991. An improved marine radar system for studies of bird migration. *Journal of Field Ornithology* 62: 367-377.
- Cooper, B. A.,** P. Henson, and M. G. Raphael. 1997. Use of radar for the study of rare birds. *Endangered Species Bulletin* XXII (6): 8-9.
- Cooper, B. A., C. B. Johnson,** and E. F. Neuhauser. 1995. The impact of wind turbines on birds in upstate New York. Pp. 607-611 in American Wind Energy Association, ed. *Windpower 1995*. Annual conference, Washington, DC, 27-30 March 1995.
- Cooper, B. A., T. J. Mabee,** and W. M. Brown. 1993. Radar studies of bird movements over power lines in the Monte Vista National Wildlife Refuge, Colorado. Pp. 26.1-26.15 in *Proceedings of the International Workshop on Avian Interaction with Utility Structures*, September 13-16, 1992, Miami, FL. TR-103268, Electric Power Research Institute, Palo Alto, CA.
- Cooper, B. A.,** M. G. Raphael, and D. M. Evans. 2001. Radar monitoring of Marbled Murrelets. *Condor* 103:219-229.
- Cooper, B. A.,** M. G. Raphael, and M. Z. Peery. 2006. Trends in radar-based counts of Marbled Murrelets on the Olympic Peninsula, Washington, 1996-2004. *Condor* 108: 936-947.
- Day, R. H.** 1995. New information on Kittlitz's Murrelet nests. *Condor* 97:271-273.
- Day, R. H.** 1996. Nesting phenology of Kittlitz's Murrelet (*Brachyramphus brevirostris*). *Condor* 98: 433-437.
- Day, R. H.,** and **B. A. Cooper.** 1995. Patterns of movement of Dark-rumped Petrels and Newell's Shearwaters on Kauai. *Condor* 97: 1011-1027.
- Day, R. H., B. A. Cooper,** and R. J. Blaha. 2003. Movement patterns of Hawaiian Petrels and Newell's Shearwaters on the island of Hawai'i. *Pacific Science* 57:147-160.
- Day, R. H., B. A. Cooper,** and T. C. Telfer. 2003. Decline of Townsend's (Newell's) Shearwaters (*Puffinus auricularis newelli*) on Kauai, Hawaii. *Auk* 120:669-679.
- Day, R. H.,** K. J. Kuletz, and D. A. Nigro. 1999. Kittlitz's Murrelet (*Brachyramphus brevirostris*). In A. Poole and F. Gill, eds. *The birds of North America*, No. 435. Birds of North America, Inc., Philadelphia, PA. 28 pp.
- Day, R. H., S. M. Murphy,** J. A. Wiens, G. D. Hayward, E. J. Harner, and **B. E. Lawhead.** 1997. Effects of the *Exxon Valdez* oil spill on habitat use by birds along the Kenai Peninsula, Alaska. *Condor* 99: 728-742.
- Day, R. H., S. M. Murphy,** J. A. Wiens, G. D. Hayward, E. J. Harner, and L. N. Smith. 1995. Use of oilaffected habitats by birds after the *Exxon Valdez* oil spill. Pages 726-761 in P. G. Wells, J. N. Butler, and J. S. Hughes, eds. *Exxon Valdez* oil spill: fate and effects in Alaskan waters. Special Technical Publication 1219, American Society for Testing and Materials, Philadelphia, PA.

- Day, R. H., S. M. Murphy, J. A. Wiens, G. C. Hayward, E. J. Harner, and L. N. Smith.** 1997. The effects of the *Exxon Valdez* oil spill on habitat use by birds in Prince William Sound, Alaska. *Ecological Applications* 7:395–415.
- Day, R. H., S. M. Murphy, J. A. Wiens, and K. R. Parker.** 2003. Changing habitat use by birds after the Exxon Valdez oil spill. International Oil Spill Conference 2003, Vancouver, BC, Canada. 7 pp. (published electronically)
- Day, R. H., and D. A. Nigro.** 2000. Feeding ecology of Kittlitz's and Marbled murrelets in Prince William Sound, Alaska. *Waterbirds* 23:1–14.
- Day, R. H., and D. A. Nigro.** 2004. Are Kittlitz's Murrelets exhibiting reproductive problems in Prince William Sound, Alaska? *Waterbirds* 27:89–95.
- Day, R. H., D. A. Nigro, and A. K. Prichard.** 2000. At-sea habitat use by the Kittlitz's Murrelet *Brachyramphus brevirostris* in nearshore waters of Prince William Sound, Alaska. *Marine Ornithology* 28: 105–114.
- Day, R. H., A. K. Prichard, and D. A. Nigro.** 2003. Ecological specialization and overlap of *Brachyramphus* murrelets in glaciated fjords of Prince William Sound, Alaska. *Auk* 120:680–699.
- Day, R. H., J. R. Rose, A. K. Prichard, R. J. Blaha, and B. A. Cooper.** 2004. Environmental effects on the fall migration of eiders at Barrow, Alaska. *Marine Ornithology* 32:13–24.
- Day, R. H., I. J. Stenhouse, and G. S. Gilchrist.** 2001. Sabine's Gull (*Xema sabini*). In A. Poole and F. Gill, eds. *The birds of North America*, No. 594. Birds of North America, Inc., Philadelphia, PA. 32 pp.
- Gall, A. E., D. D. Roby, D. B. Irons, and I. C. Rose.** 2006. Differential response in chick survival to diet in Least and Crested auklets. *Marine Ecology Progress Series* 308: 279–291.
- Garshelis, D. L., and **C. B. Johnson.** 2001. Sea otter population dynamics and the *Exxon Valdez* oil spill: disentangling the confounding effects. *Journal of Applied Ecology* 38: 19–35.
- Golet, G. H., **P. E. Seiser, A. D. McGuire, D. D. Roby, J. B. Fischer, K. J. Kuletz, D. B. Irons, T. A. Dean, S. C. Jewett, and S. H. Newman.** 2002. Long-term direct and indirect effects of the Exxon Valdez oil spill on Pigeon Guillemots in Prince William Sound, Alaska. *Marine Ecology Progress Series* 241:287–304.
- Hamer, T. E., **B. A. Cooper, and C. J. Ralph.** 1995. Use of radar to study the movements of Marbled Murrelets at inland sites. *Northwestern Naturalist* 76: 73–78.
- Hein, C. H., S. B. Castleberry, and K. V. Miller.** 2007. Male Seminole Bat winter roost-site selection in a managed forest. *Journal of Wildlife Management* 72:1756–1764.
- Hein, C. H., S. B. Castleberry, and K. V. Miller.** 2008. Sex-specific summer roost-site selection by Seminole Bats in response to landscape-level forest management. *Journal of Mammalogy* 89:964–972.

- Hein, C. H.**, K. V. Miller, and S. B. Castleberry. 2009. Evening bat summer roost-site selection on a managed pine landscape. *Journal of Wildlife Management* 73: 511–517.
- Johnson, C. B.**, and D. L. Garshelis. 1995. Sea otter abundance, distribution, and pup production in Prince William Sound, following the *Exxon Valdez* oil spill. Pp. 894–929 in P. G. Wells, J. N. Butler, and J. S. Hughes, eds. *Exxon Valdez* oil spill: fate and effects in Alaskan waters. Special Technical Publication 1219, American Society for Testing and Materials, Philadelphia, PA.
- Jones, B. M., C. D. Arp, **M. T. Jorgenson**, K. M. Hinkel, J. A. Schmutz, J. A., and P. L. Flint. 2009. Increase in the rate and uniformity of coastline erosion in Arctic Alaska. *Geophysical Research Letters* 36: 1–5. (available at: L03503, doi:10.1029/2008GLO362205)
- Jorgenson, M. T.** 1997. Patterns and rates of, and factors affecting natural recovery on land disturbed by oil development in arctic Alaska. Pp. 421–442 in *Disturbance and recovery in arctic lands: an ecological perspective*. NATO ASI Series 2 Environment, Vol. 25. Kluwer Academic Publishers, Dordrecht, The Netherlands.
- Jorgenson, M. T.** 2000. Hierarchical organization of ecosystems at multiple spatial scales on the Yukon–Kuskokwim Delta, Alaska. *Arctic, Antarctic, and Alpine Research* 32: 221–239.
- Jorgenson, M. T.**, and C. Ely. 2001. Topography and flooding of coastal ecosystems on the Yukon–Kuskokwim Delta: implications for sea-level rise. *Journal of Coastal Research* 17: 124–136.
- Jorgenson, M. T.**, and J. Brown. 2004. Classification of the Alaskan Beaufort Sea coast and estimation of sediment and carbon inputs from coastal erosion. *GeoMarine* 482:32–45.
- Jorgenson, M. T.**, and J. Brown. 2005. Classification of the Alaska Beaufort Sea coast and estimation of carbon and sediment inputs from coastal erosion. *Geo-Marine Letters* 25: 69–80.
- Jorgenson, M. T.**, and T. C. Cater. 1992. Cleanup and bioremediation of a crude-oil spill at Prudhoe Bay, Alaska. Pp. 715–722 in *Proceedings of the 15th Arctic and Marine Oil Spill Program Technical Seminar*, Edmonton, AB. Environment Canada, Ottawa, ON, Canada.
- Jorgenson, M. T.**, and T. C. Cater. 1996. Minimizing ecological damage during cleanup of terrestrial and wetland oil spills. Pp. 257–293 in P.N. Cheremisinoff, ed. *Storage tanks*. Advances in Environmental Control Technology Series. Gulf Publishing Company, Houston, TX.
- Jorgenson, M. T.**, and J. G. Kidd. 1992. Vegetation and soils of the Deadfall Syncline mining area, northwest Alaska. Pp. 239–252 in S. Bandopadhyay and M. Nelson, eds. *Proceedings of the Second International Symposium on Mining in the Arctic*, Fairbanks, AK.
- Jorgenson, M. T.**, and Y. Shur. 2009. Permafrost. Pages 540–547 in A. Goudie and D. Cuff, eds. *The Oxford companion to global change*. Oxford University Press, Oxford, United Kingdom.
- Jorgenson, M. T.**, and Yu. Shur. 2007. Evolution of lakes and basins in northern Alaska and discussion of the thaw lake cycle. *Journal of Geophysical Research* 112 (F02S17): 12 pp. [doi:10.1029/2006JF000531]

- Jorgenson, M. T., T. C. Cater, and L. L. Jacobs.** 1992. Wetland creation and revegetation on an overburden stockpile in arctic Alaska. Pp. 265–275 *in* S. Bandopadhyay and M. Nelson, eds. Proceedings of the Second International Symposium on Mining in the Arctic, Fairbanks, AK.
- Jorgenson, M. T., T. C. Cater, and M. R. Joyce.** 1993. Use of snow capture for land rehabilitation in Arctic oilfields. Pp. 316–321 *in* Proceedings of the Sixth International Conference on Permafrost, Beijing, China.
- Jorgenson, M. T., G. Midgley, and M. Totten.** 2008. Chapter ten: tipping points. Pages 307–318 *in* R. A. Mittermeier, M. Totten, L. L. Pennypacker, F. Boltz, C. G. Mittermeier, G. Midgley, C. M. Rodriguez, G. Prickett, C. Gascon, P. A. Seligmann, and O. A. Langrand. Climate for life: meeting the global challenge. CEMEX Conservation Book Series, Conservation International, Washington, DC.
- Jorgenson, M. T., Yu. L. Shur, and E. R. Pullman.** 2006. Abrupt increase in permafrost degradation in Arctic Alaska. *Geophysical Research Letters* 33 (L02503): 4 pp.
- Jorgenson, M. T., J. G. Kidd, T. C. Cater, and S. C. Bishop.** 2003. Long-term evaluation of methods for rehabilitating lands disturbed by industrial development in the Arctic. Pages 173–190 *in* O. Rasmussen and N. E. Koroleva, eds. Methodologies in evaluation of socio-economic and environmental consequences of mining and energy production in the Arctic and Sub-Arctic. Kluwer Academic Publishers, Dordrecht, The Netherlands. NATO Science Series, Earth and Environmental Sciences, Vol. IV.
- Jorgenson, M. T., Yu. L. Shur, T. E. Osterkamp, and T. George.** 2007. Nature and extent of permafrost degradation in the discontinuous permafrost zone of Alaska. Pages 120–125 *in* Proceedings of the Seventh International Conference on Global Change: Connections to the Arctic (GCCA-7). International Arctic Research Center, University of Alaska, Fairbanks, AK.
- Kidd, J. G.** 2008. Changes in surface topography and active layer following partial gravel removal in the Prudhoe Bay Oilfield, Alaska. Proceedings of the Ninth International Conference on Permafrost, June 29–July 3, 2008, Fairbanks, AK.
- Kidd, J. G., B. Streever, and M. T. Jorgenson.** 2006. Site characteristics and plant community development following partial gravel removal in an arctic oilfield. *Arctic, Antarctic, and Alpine Research* 38: 384–393.
- Kidd, J. G., B. Streever, M. R. Joyce, and L. H. Fanter.** 2004. Wetland restoration of an exploratory well on Alaska's North Slope: a learning experience. *Ecological Restoration* 22:30–38.
- King, J. G., B. A. Cooper, and R. J. Ritchie.** 1998. Mixed-species swan flocks migrating in east-central Alaska. *Northwestern Naturalist* 79: 104–107.
- Kitchens, J. A., R. G. White, and S. M. Murphy.** 1993. Predicting energy expenditure of caribou using activity counts: potential use in disturbance studies. *Rangifer* 13: 117–119.
- Klein, D. R., D. F. Murray, R. H. Armstrong, and B. A. Anderson.** 1998. Alaska. Pp. 707–745 *in* M. J. Mac, P.A. Opler, C. E. Puckett Haecker, and P.D. Doran, eds. Status and trends of the nation's biological resources. 2 Vols. U.S. Geological Survey, Reston, VA.

- Kruse, J. A., R. G. White, H. E. Epstein, B. Archie, M. Berman, S. R. Braund, F. S. Chapin, J. Charlie, C. J. Daniel, J. Eamer, N. Flanders, B. Griffith, S. Haley, L. Huskey, B. Joseph, D. R. Klein, G. P. Kofinas, S. M. Martin, **S. M. Murphy**, W. Nebesky, C. Nicolson, D. E. Russell, J. Tetlich, A. Tussing, M. D. Walker, and O. R. Young. 2004. Modeling sustainability of arctic communities: an interdisciplinary collaboration of researchers and local knowledge holders. *Ecosystems* 7:815–828.
- Kunz, T. H., E. B. Arnett, **B. M. [sic] Cooper**, W. P. Erickson, R. P. Larkin, **T. J. Mabee**, M. L. Morrison, M. D. Strickland, and J. M. Szewczak. 2007. Assessing effects of wind-energy development on nocturnally active birds and bats: a guidance document. *Journal of Wildlife Management* 71: 2449–2486.
- Lawhead, B. E.** 1988. Distribution and movements of Central Arctic Herd caribou during the calving and insect seasons. Pp. 8–13 *in* R. D. Cameron and J. L. Davis, eds. *Reproduction and calf survival: Proceedings of the Third North American Caribou Workshop*. Wildlife Technical Bulletin No. 8, Alaska Department of Fish and Game, Juneau, AK.
- Lawhead, B. E.** 1997. Caribou and oil development in northern Alaska: lessons from the Central Arctic Herd. Pages 7-5–7-8 *in* K. L. Mitchell, ed. *NPR–A Symposium Proceedings: Science, Traditional Knowledge, and the Resources of the Northeast Planning Area of the National Petroleum Reserve– Alaska*. OCS Study MMS 97-0013, U.S. Dep. of Interior, Minerals Management Service, Anchorage, AK. [abstract]
- Lawhead, B. E.**, and **S. M. Murphy**. 1988. Monitoring the effects of the Endicott Development Project on caribou. *Proceedings of the Arctic Science Conference* 39: 56.
- Lawhead, B. E.**, **S. M. Murphy**, and C. L. Rea. In press. Integrating traditional ecological knowledge and scientific knowledge to evaluate impacts of oil development on caribou and subsistence hunters on the North Slope of Alaska. *Proceedings of the Ninth North American Caribou Workshop*, Kuujuaq, PQ, Canada. [abstract]
- Lawhead, B. E.**, **A. K. Prichard**, and M. D. Smith. In press. Distribution of caribou calving in relation to weather conditions and oilfield infrastructure in the Kuparuk–Colville region of the Alaska North Slope. *Proceedings of the Ninth North American Caribou Workshop*, Kuujuaq, PQ, Canada. [expanded abstract]
- Lawhead, B. E.**, M. D. Smith, J. R. Rose, and D. A. Flint. 1995. Mapping environmentally sensitive areas for spill response in the Kuparuk Oilfield, northern Alaska. Pp. 98–110 *in* C. Rineer–Garber, ed. *Proceedings: The Effects of Oil on Wildlife*, 4th International Conference, Seattle, WA. International Bird Rescue Research Center, Berkeley, CA.
- Luick, B. R., J. A. Kitchens, R. G. White, and **S. M. Murphy**. 1996. Modeling energy and reproductive costs in caribou exposed to low flying military jet aircraft. *Rangifer*, Special Issue No. 9: 209–212.
- Lemke, J. L.**, and C. H. Ryer. 2006. Risk sensitivity in three juvenile (Age-0) flatfish species: does estuarine dependence promote risk-prone behavior? *Journal of Experimental Marine Biology and Ecology* 333: 172–180.

- Loomis, P. F., R. W. Ruess, B. Sveinbjornsson, and K. Kielland.** 2006. Nitrogen cycling at treeline: latitudinal and elevational patterns across a boreal landscape. *Ecoscience* 13: 544–556.
- Mabee, T. J., and B. A. Cooper.** 2004. Nocturnal bird migration in northeastern Oregon and southeastern Washington. *Northwest Naturalist* 85:39–47.
- Mabee, T. J., B. A. Cooper, J. H. Plissner, and D. P. Young.** 2006. Nocturnal bird migration over an Appalachian ridge at a proposed wind power project. *Wildlife Society Bulletin* 34: 682–690.
- Mabee, T. J., A. M. Wildman, and C. B. Johnson.** 2006. Using egg flotation and eggshell evidence to determine age and fate of arctic shorebird nests. *Journal of Field Ornithology* 77: 163–172.
- Mabee, T. J., B. A. Cooper, J. H. Plissner, and D. P. Young.** 2006. Nocturnal bird migration over an Appalachian ridge at a proposed wind power project. *Wildlife Society Bulletin* 34 (3): 682–690.
- Madej, M. A., C. Currens, V. Ozaki, J. Yee, and D. G. Anderson.** 2006. Assessing possible thermal rearing restrictions for juvenile coho salmon (*Oncorhynchus kisutch*) through thermal infrared imaging and in-stream monitoring, Redwood Creek, California. *Can. J. Fish. Aquat. Sci.* 63: 1384–1396.
- Maier, J. A. K., S. M. Murphy, R. G. White, and M. D. Smith.** 1998. Responses of caribou to lowaltitude jet aircraft overflights. *Journal of Wildlife Management* 62: 752–766.
- Martin, P. D., T. Obritschkewitsch, B. A. Anderson, and A. A. Stickney.** 1998. Site fidelity and movements of brood-rearing Brant in the oil fields of northern Alaska. P. 31 *in* Abstracts from the Arctic Forum, Arctic Research Consortium of the U.S., Fairbanks, AK. Arctic Forum, Washington, DC.
- McIntyre, C. L., M. W. Collopy, J. G. Kidd, A. A. Stickney, and J. Paynter.** 2006. Characteristics of the landscape surrounding Golden Eagle nest sites in Denali National Park and Preserve, Alaska. *Journal of Raptor Research* 40: 46–51.
- Murphy, S. M.** 1988. Caribou behavior and movements in the Kuparuk Oilfield: implications for energetic and impact analyses. Pp. 196–210 *in* R. D. Cameron and J. L. Davis, eds. *Reproduction and calf survival: Proceedings of the Third North American Caribou Workshop*. Wildlife Technical Bulletin No. 8, Alaska Department of Fish and Game, Juneau, AK.
- Murphy, S. M., C. L. Cranor, and R. G. White.** 1991. Behavioral responses of Delta Herd caribou to low-level, subsonic jet aircraft overflights. Pages 418–421 *in* C. Butler and S. P. Mahoney, eds. *Proceedings of the Fourth North American Caribou Workshop*, St. John's, NF, Canada.
- Murphy, S. M., and J. A. Curatolo.** 1987. Activity budgets and movement rates of caribou encountering pipelines, roads, and traffic in northern Alaska. *Canadian Journal of Zoology* 65: 2483–2490.
- Murphy, S. M., R. H. Day, J. A. Wiens, and K. R. Parker.** 1997. Effects of the *Exxon Valdez* oil spill on birds: comparisons of pre- and post-spill surveys in Prince William Sound, Alaska. *Condor* 99: 299–313.

- Murphy, S. M., and B. E. Lawhead.** 2000. Caribou. Pp. 59–84 in J. Truett and S. R. Johnson, eds. The natural history of an arctic oil field: development and the biota. Academic Press, San Diego, CA.
- Murphy, S. M. and T. J. Mabee.** 2000. Status of Black Oystercatchers breeding in Prince William Sound, Alaska, 10 years after the *Exxon Valdez* Oil Spill. *Waterbirds* 23: 204–213.
- Murphy, S. M., D. E. Russell, and R. G. White.** 2000. Modeling energetic and demographic consequences of caribou interactions with oil development in the Arctic. *Rangifer*, Special Issue No. 12: 107–109.
- Murphy, S. M., R. G. White, B. A. Kugler, J. A. Kitchens, M. D. Smith, and D. S. Barber.** 1993. Behavioral effects of jet aircraft on caribou in Alaska. Pp. 479–486 in M. Vallet, ed. *Noise & Man '93: noise as a public health problem. Proceedings of the 6th International Congress, Nice, France, July 1993. Vol. 3. INRETS, Arcueil Cedex, France.*
- Nowacki, G., P. Spencer, T. Brock, M. Fleming, and **M. T. Jorgenson.** 2002. Ecoregions of Alaska and neighboring territories [map]. Open File Report 02–297 ed. U.S. Geological Survey, Washington, DC.
- Osterkamp, T. E., L. Viereck, Y. Shur, **M. T. Jorgenson**, C. Racine, L. Falcon, A. Doyle, R. D. Boone, and D. Verbyla. 2000. Observations of thermokarst and its impact on boreal forests in Alaska. *Arctic, Antarctic, and Alpine Research* 32: 303–315.
- Ping, C. L., **M. T. Jorgenson**, and Yu. L. Shur. 2004. Soil cryogenic structures and their implications for land use. *Journal of Glaciology and Geocryology* 26:1–7.
- Ping, C.-L., G. L. Michaelson, **M. T. Jorgenson**, J. M. Kimble, H. Epstein, V. E. Romanovsky, and D. A. Walker. 2008. High stocks of soil organic carbon in the North American Arctic region. *Nature Geoscience*. 5 pp. [Available at doi: 10.1038/ngeo284]
- Person, B. T., **A. K. Prichard**, G. M. Carroll, D. A. Yokel, R. S. Suydam, and J. C. George. 2007. Distribution and movements of the Teshekpuk Caribou Herd 1990–2005: prior to oil and gas development. *Arctic* 60: 238–250.
- Pullman, E.R., M. T. Jorgenson**, and Y. Shur. 2007. Thaw settlement in soils of the Arctic Coastal Plain, Alaska. *Arctic, Antarctic, and Alpine Research* 39: 468–476.
- Quakenbush, L. T., R. H. Day, **B. A. Anderson**, F. A. Pitelka, and B. J. McCaffery. 2002. The historical and present distribution and abundance of Steller's Eider in Alaska. *Western Birds* 33: 99–120.
- Racine, C. H., **M. T. Jorgenson**, and J. C. Walters. 1998. Thermokarst vegetation in lowland birch forests on the Tanana Flats, Interior Alaska, U.S.A. Pp. 927–933 in A. G. Lewkowicz and M. Allard, eds. *Proceedings of the Seventh International Permafrost Conference, Université Laval, Sainte-Foy, PQ, Canada.*
- Raphael, M. G., D. Evans Mack, and **B. A. Cooper.** 2002. Landscape-scale relationships between abundance of Marbled Murrelets and distribution of nesting habitat. *Condor* 104: 331–342.
- Reynolds, M. H., B. A. Cooper, and R. H. Day. 1997. Radar study of seabirds and bats on windward Hawaii. *Pacific Science* 51: 97–106.

- Rea, C., **B. Ritchie**, **A. Stickney**, and **J.G. King**. 2007. Multi-year monitoring program for Tundra Swans on the North Slope of Alaska. *Bulletin of the Trumpeter Swan Society* 33 (1): 136-139.
- Ritchie, R. J.** 1978. Probable Common Flicker nest on the North Slope of the Brooks Range, Alaska. *Murrelet* 59: 31-33.
- Ritchie, R. J.** 1982. Porcupine quills and beetles in Peregrine castings, Yukon River, Alaska. *Raptor Research* 16: 59-60.
- Ritchie, R. J.** 1982. Investigations of Bald Eagles, Tanana River, Alaska, 1977-1980. Pp. 55-69 in W. Ladd and P. Schempf, eds. *Proceedings of a Symposium and Workshop on Raptor Management and Biology in Alaska and Western Canada*. U.S. Fish and Wildlife Service, Anchorage, AK
- Ritchie, R. J.** 1991. Effects of oil development on providing nesting opportunities for Gyrfalcons and Rough-legged Hawks in northern Alaska. *Condor* 93: 180-184.
- Ritchie, R. J.**, and R. E. Ambrose. 1978. The status of the Peregrine Falcon in the central Kuskokwim River region, Alaska. *Canadian Field-Naturalist* 92: 293.
- Ritchie, R. J.**, and R. E. Ambrose. 1987. Winter records of Bald Eagles, *Haliaeetus leucocephalus*, in Interior Alaska. *Canadian Field-Naturalist* 101: 86-87.
- Ritchie, R. J.**, and R. E. Ambrose. 1992. The status of selected birds in east-central Alaska. *Canadian Field Naturalist* 106: 316-320.
- Ritchie, R. J.**, and R. E. Ambrose. 1996. Distribution and population status of Bald Eagles (*Haliaeetus leucocephalus*) in Interior Alaska. *Arctic* 49: 120-128.
- Ritchie, R. J.**, **R. M. Burgess**, and R. S. Suydam. 2000. Status and nesting distribution of Lesser Snow Geese, *Chen caerulescens caerulescens*, and Brant, *Branta bernicla nigricans*, on the western Arctic Coastal Plain, Alaska. *Canadian Field-Naturalist* 114: 395-404.
- Ritchie, R. J.**, and J. A. Curatolo. 1983. Notes on Golden Eagle productivity and nest site characteristics, Porcupine River, Alaska, 1979-1982. *Raptor Research* 16: 123-127.
- Ritchie, R. J.**, J. A. Curatolo, and F. L. Craighead. 1982. First Townsend's Solitaire nest records for Alaska. *Murrelet* 63: 94-95.
- Ritchie, R. J.**, T. Doyle, and J. Wright. 1998. Peregrine Falcons (*Falco peregrinus*) nest in a quarry and on highway cutbanks in Alaska. *Raptor Research* 32: 261-264.
- Ritchie, R. J.** and J. G. King. 2000. Tundra Swans. Pp. 197-220 in J. C. Truett and S. R. Johnson, eds. *The natural history of an arctic oil field*. Academic Press, New York, NY.
- Ritchie, R. J.**, J. G. King, **A. A. Stickney**, **B. A. Anderson**, **J. R. Rose**, **A. M. Wildman**, and S. Hamilton. 2002. Population trends and productivity of Tundra Swans on the Central Arctic Coastal Plain, Northern Alaska, 1989-2000. *Waterbirds* 25 (Special Publication 1):22-31.

- Ritchie, R. J., A. M. Wildman, and C. M. White.** 2004. Peregrine Falcons nesting on lake bluffs on the Arctic Coastal Plain of northern Alaska. *Raptor Research* 38:158–160.
- Ritchie, R. J., A. M. Wildman, and D. A. Yokel.** 2003. Aerial surveys of cliff-nesting raptors in the National Petroleum Reserve—Alaska, 1999. Technical Note No. 411. Bureau of Land Management, Denver, CO. BLM/AK/ST-03/016+6501+023. 66 pp.
- Russell, K. R., **T. J. Mabee, and M. B. Cole.** 2004. Distribution and habitat of Columbia torrent salamanders at multiple spatial scales in managed forests of northwestern Oregon. *Journal of Wildlife Management* 68:405–417.
- Schepart, B. S., J. B. Hyzy, and **M. T. Jorgenson.** 1992. Laboratory evaluation of biodegradation of crude oil contaminated tundra soil. Pp. 689–714 in 15th Arctic and Marine Oil Spill Program Technical Seminar, Edmonton, Canada. Environment Canada, Ottawa, ON, Canada.
- Sedinger, J. S., N. D. Chelgren, M. S. Lindberg, **T. Obritschkewitsch, M. T. Kirk, P. Martin, and B. A. Anderson.** 2002. Life-history consequences of large-scale spatial variation in adult survival of Black Brant (*Branta bernicla nigricans*). *Auk* 119:510–515.
- Sedinger, J. S., M. P. Herzog, B. T. Person, M. T. Kirk, **T. Obritschkewitsch, P. P. Martin, and A. A. Stickney.** 2001. Large-scale variation in growth of Black Brant goslings related to food availability. *Auk* 118: 1088–1095.
- Sedinger, J. S., and **A. A. Stickney.** 2000. Black Brant. Pp. 221–232 in J. C. Truett and S. R. Johnson, eds. *The natural history of an arctic oil field*. Academic Press, New York, NY.
- Sheffield, L. M., **A. E. Gall, D. D. Roby, D. B. Irons, and K. M. Dugger.** 2006. Monitoring planktivorous seabird populations: validating surface counts of crevice-nesting auklets using mark-resight techniques. *Canadian Journal of Zoology* 84: 846–854.
- Shur, Y. L., and **M. T. Jorgenson.** 1998. Cryostructure development on the floodplain of the Colville River Delta, northern Alaska. Pp. 993–1000 in A. G. Lewkowicz and M. Allard, eds. *Proceedings of Seventh International Permafrost Conference, Université Laval, Sainte-Foy, PQ, Canada.*
- Shur, Yu. L., and **M. T. Jorgenson.** 2007. Patterns of permafrost formation and degradation in relation to climate and ecosystems. *Permafrost and Periglacial Processes* 18: 7–19.
- Spencer, P., G. Nowacki, M. Fleming, T. Brock, and **T. Jorgenson.** 2002. Home is where the habitat is: an ecosystem foundation for wildlife distribution and behavior. *Arctic Research of the United States* 6:6–17.
- Stickney, A. A., B. A. Anderson, R. J. Ritchie, and J. G. King.** 2002. Spatial distribution, habitat characteristics, and nest-site selection by Tundra Swans on the Central Arctic Coastal Plain, Northern Alaska. *Waterbirds* 25 (Special Publication 1):227–235.
- Stickney, A. A., and R. J. Ritchie.** 1996. Distribution and abundance of Brant (*Branta bernicla*) on the central Arctic Coastal Plain of Alaska. *Arctic* 49: 44–52.

- Streever, W. J., J. McKendrick, L. Fanter, S. C. Anderson, **J. Kidd**, and K. M. Portier. 2003. Evaluation of percent cover requirements for revegetation of disturbed sites on Alaska's North Slope. *Arctic* 56:234–248.
- Swem, T., C. McIntyre, **R. J. Ritchie**, P. J. Bente, and D. G. Roseneau. 1994. Distribution, abundance, and notes on the breeding biology of Gyrfalcons *Falco rusticolus* in Alaska. Pp. 437–446 in B. U. Meyburg and R. D. Chancellor, eds. *Raptor conservation today: Proceedings of the IV World Conference on Birds of Prey and Owls*. Helm Information Ltd., East Sussex, United Kingdom.
- Swem, T. R., C. M. White, and **R. J. Ritchie**. 1992. Comments on the status of certain birds on the North Slope of Alaska. *Northwestern Naturalist* 73: 84–87.
- Taft, O. W., **P. M. Sanzenbacher**, and S. M. Haig. 2008. Movement of wintering Dunlin *Calidris alpina* and changing habitat availability in an agricultural wetland landscape. *Ibis* 150: 541–549. [Available at doi: 10.1111/j.1474-919x.2008.00816.x]
- U.S. Fish and Wildlife Service. 1996. Spectacled Eider recovery plan. U.S. Fish and Wildlife Service, Anchorage, AK. 100 pp. + appendices. (Prepared by Recovery Team members C. P. Dau, **R. H. Day**, C. J. Lensink, B. J. McCaffery, R. M. Pates, T. J. Rothe, C. Simeon, B. L. Taylor, M. R. Petersen, E. Robinson-Wilson, R. Suydam, and D. M. Troy)
- U.S. Fish and Wildlife Service. 1998. Draft Steller's Eider recovery plan. U.S. Fish and Wildlife Service, Anchorage, AK. 149 pp. + appendices. (Prepared for Recovery Team by L. T. Quakenbush, **R. H. Day**, and **B. A. Anderson**.)
- Walters, J. C., C. H. Racine, and **M. T. Jorgenson**. 1998. Characteristic of permafrost in the Tanana Flats, Interior Alaska. Pp. 1109–1116 in A. G. Lewkowicz and M. Allard, eds. *Proceedings of the Seventh International Permafrost Conference*, Université Laval, Sainte-Foy, PQ, Canada.
- Ward, D. H., J. A. Schmutz, J. S. Sedinger, K. S. Bollinger, P. D. Martin, and **B. A. Anderson**. 2004. Temporal and geographic variation in survival of juvenile Black Brant. *Condor* 106:263–274.
- White, C. M., **R. J. Ritchie**, and **B. A. Cooper**. 1995. Density and productivity of Bald Eagles in Prince William Sound, Alaska, after the *Exxon Valdez* oil spill. Pp. 762–779 in P. G. Wells, J. N. Butler, and J. S. Hughes, eds. *Exxon Valdez oil spill: fate and effects in Alaskan waters*. Special Technical Publication 1219, American Society for Testing and Materials, Philadelphia, PA.
- Wiens, J. A., E. L. Brannon, J. Burns, D. L. Garshelis, A. A. Hoover-Miller, **R. H. Day**, **C. B. Johnson**, and **S. M. Murphy**. 1999. Fish and wildlife recovery following the *Exxon Valdez* oil spill. Pp. 127–133 in *Proceedings of the 1999 International Oil Spill Conference*, Seattle, Washington. Publication No. 4686B, American Petroleum Institute, Washington, DC.
- Wiens, J. A., T. O. Crist, **R. H. Day**, **S. M. Murphy**, and G. D. Hayward. 1996. Effects of the *Exxon Valdez* oil spill on marine bird communities in Prince William Sound, Alaska. *Ecological Applications* 6: 828–841.
- Wiens, J. A., T. O. Crist, **R. H. Day**, **S. M. Murphy**, and G. D. Hayward. 2001. A canonical correspondence analysis of the effects of the *Exxon Valdez* oil spill on marine birds. *Ecological Applications* 11: 828–839.
- Wiens, J. A., **R. H. Day**, **S. M. Murphy**, and K. R. Parker. 2001. Drawing conclusions nine years after the *Exxon Valdez* oil spill: a commentary on Irons et al. (2000). *Condor* 103: 886–892.



- Wiens, J. A., **R. H. Day**, **S. M. Murphy**, and K. R. Parker. 2004. Changing habitat and habitat use by birds after the Exxon Valdez oil spill. *Ecological Applications* 14:1806–1825.
- Winker, K., D. D. Gibson, A. L. SOWLS, **B. E. Lawhead**, P. D. Martin, E. P. Hoberg, and D. Causey. 2002. The birds of St. Matthew Island, Bering Sea. *Wilson Bulletin* 114:491–509.
- Wolfe, S. A., B. Griffith, R. D. Cameron, R. G. White, and **S. M. Murphy**. 2000. Habitat selection by calving caribou of the Central Arctic Herd. *Rangifer*, Special Issue No. 12: 149.