Abraham, K. F. 1978. Adoption of Spectacled Eider Ducklings by Arctic Loons. Condor **80**:339-340.

Abraham, K. F. and C. D. Ankney. 1986. Summer Birds of East Bay Southampton Island Northwest Territories Canada. Canadian Field-Naturalist **100**:180-185.

Academy Of Natural Sciences Of, P. 1997. White-winged scoter: Melanitta fusca. Birds of North America **0**:1-27.

Academy Of Natural Sciences Of, P. 1998. Surf Scoter: Melanitta perspicillata. Birds of North America **0**:1-28.

Adams, P. A., G. J. Robertson, and I. L. Jones. 2000. Time-activity budgets of Harlequin Ducks molting in the Gannet Islands, Labrador. Condor **102**:703-708.

Ader, A. and J. Kespaik. 1996. Seasonal migration dynamics of the long-tailed duck (Clangula hyemalis), the common scoter (Melanitta nigra), and the velvet scoter (Melanitta fusca) in Estonia. Gibier Faune Sauvage **13**:1297-1385.

Afton, A. D. and R. D. Sayler. 1982. Social Courtship and Pair Bonding of Common Goldeneyes Bucephala-Clangula Wintering in Minnesota USA. Canadian Field-Naturalist **96**:295-300.

Agler, B. A., S. J. Kendall, D. B. Irons, and S. P. Klosiewski. 1999. Declines in marine bird populations in Prince William Sound, Alaska coincident with a climatic regime shift. Waterbirds **22**:98-103.

Ahlund, M. 2005. Behavioural tactics at nest visits differ between parasites and hosts in a brood-parasitic duck. Animal Behaviour **70**:433-440.

Akearok, J. A., C. E. Hebert, B. M. Braune, and M. L. Mallory. 2010. Inter- and intraclutch variation in egg mercury levels in marine bird species from the Canadian Arctic. Science of the Total Environment **408**:836-840.

Albers, P. H. and R. C. Szaro. 1978. Effects of No-2 Fuel Oil on Common Eider Eggs. Marine Pollution Bulletin **9**:138-139.

Alerstam, T. and G. A. Gudmundsson. 1999. Migration patterns of tundra birds: Tracking radar observations along the Northeast Passage. Arctic **52**:346-371.

Alerstam, T., M. Rosen, J. Backman, P. G. P. Ericson, and O. Hellgren. 2007. Flight speeds among bird species: Allometric and phylogenetic effects. PLoS Biology **5**:1656-1662.

Alisauskas, R. T. and D. K. Kellett. 2014. Age-specific in situ recruitment of female King Eiders estimated with mark-recapture. Auk **131**:129-140.

Alisauskas, R. T., J. J. Traylor, C. J. Swoboda, and F. P. Kehoe. 2004. Components of population growth rate for White-winged Scoters in Saskatchewan,Canada. Animal Biodiversity and Conservation **27**:451-460.

Alisauskas, R. T. a. J.-M. D. 2015. Breeding Costs, Nutrient Reserves, and Cross-Seasonal Effects: Dealing with Deficits in Sea Ducks. CRC Press, Boca Raton, FL.

Alison, R. 1975. Capturing and Marking Oldsquaws. Bird-Banding **46**:248-250.

Alison, R. M. 1976. Oldsquaw Brood Behavior. Bird-Banding **47**:210-213.

Alison, R. M. 1977. Homing of Subadult Oldsquaws. Auk **94**:383-384.

Allard, K. and H. G. Gilchrist. 2002. Kleptoparasitism of Herring Gulls taking eider eggs by Canada Geese. Waterbirds **25**:235-238.

Allison, A. B., J. R. Ballard, R. B. Tesh, J. D. Brown, M. G. Ruder, M. K. Keel, B. A. Munk, R. M. Mickley, S. E. J. Gibbs, A. da Rosa, J. C. Ellis, H. S. Ip, V. I. Shearn-Bochsler, M. B. Rogers, E. Ghedin, E. C. Holmes, C. R. Parrish, and C. Dwyer. 2015. Cyclic Avian Mass Mortality in the Northeastern United States Is Associated with a Novel Orthomyxovirus. Journal of Virology **89**:1389-1403.

Anderson, B. W. and M. G. Reeder. 1977. Food Habits of the Common Merganser in Winter. Bulletin of the Oklahoma Ornithological Society **10**:3-6.

Anderson, B. W., M. G. Reeder, and R. L. Timken. 1974. Notes on the Feeding Behavior of the Common Merganser Mergus-Merganser. Condor **76**:472-476.

Anderson, B. W. and R. L. Timken. 1971. Age and Sex Characteristics of Common Mergansers. Journal of Wildlife Management **35**:388-393.

Anderson, B. W. and R. L. Timken. 1972. Sex and Age Ratios and Weights of Common Mergansers. Journal of Wildlife Management **36**:1127-1133.

Anderson, E. M., Rian D. Dickson, Erika K. Lok, Eric C. Palm, Jean-Pierre L. Savard, Daniel Bordage and Austin Reed. 2015. Surf Scoter (Melanitta perspicillata). The Birds of North America.

Anderson, E. M., D. Esler, W. S. Boyd, J. R. Evenson, D. R. Nysewander, D. H. Ward, R. D. Dickson, B. D. Uher-Koch, C. S. VanStratt, and J. W. Hupp. 2012. Predation rates, timing, and predator composition for Scoters (Melanitta spp.) in marine habitats. Canadian Journal of Zoology-Revue Canadienne De Zoologie **90**:42-50.

Anderson, E. M. and J. R. Lovvorn. 2008. Gray whales may increase feeding opportunities for avian benthivores. Marine Ecology Progress Series **360**:291-296.

Anderson, E. M. and J. R. Lovvorn. 2011. Contrasts in Energy Status and Marine Foraging Strategies of White-Winged Scoters (Melanitta Fusca) and Surf Scoters (M. Perspicillata). Auk **128**:248-257.

Anderson, E. M. and J. R. Lovvorn. 2012. Seasonal dynamics of prey size mediate complementary functions of mussel beds and seagrass habitats for an avian predator. Marine Ecology Progress Series **467**:219-232.

Anderson, E. M., J. R. Lovvorn, D. Esler, W. S. Boyd, and K. C. Stick. 2009. Using predator distributions, diet, and condition to evaluate seasonal foraging sites: sea ducks and herring spawn. Marine Ecology Progress Series **386**:287-302.

Anderson, E. M., J. R. Lovvorn, and M. T. Wilson. 2008. Reevaluating marine diets of Surf and White-winged Scoters: Interspecific differences and the importance of soft-bodied prey. Condor **110**:285-295.

Anderson, G. 2005. Wind, fire and water - Renewable energy and birds. British Birds **98**:365-367.

Anderson, V. R. and R. T. Alisauskas. 2001. Egg size, body size, locomotion, and feeding performance in captive King Eider ducklings. Condor **103**:195-199.

Anderson, V. R. and R. T. Alisauskas. 2002. Composition and growth of King Eider ducklings in relation to egg size. Auk **119**:62-70.

Andersson, M. and M. Ahlund. 2000. Host-parasite relatedness shown by protein fingerprinting in a brood parasitic bird. Proceedings of the National Academy of Sciences of the United States of America **97**:13188-13193.

Andersson, M. and M. Ahlund. 2001. Protein fingerprinting: A new technique reveals extensive conspecific brood parasitism. Ecology (Washington D C) **82**:1433-1442.

Andersson, M. and P. Waldeck. 2006. Reproductive tactics under severe egg predation: an eider's dilemma. Oecologia (Berlin) **148**:350-355.

Andersson, M. and P. Waldeck. 2007. Host-parasite kinship in a female-philopatric bird population: evidence from relatedness trend analysis. Molecular Ecology **16**:2797-2806.

Andersson, M., P. Waldeck, S. A. Hanssen, and B. Moe. 2015. Female sociality and kin discrimination in brood parasitism: unrelated females fight over egg laying. Behavioral Ecology **26**:755-762.

Ardamatskaya, T. B. 2001. The expansion of the Common Eider Somateria mollissima at Ukrainian coast of the Black Sea. Acta Ornithologica (Warsaw) **36**:53-54.

Arnold, T. W., D. Shizuka, B. E. Lyon, J. T. Pelayo, K. R. Mehl, J. J. Traylor, W. L. Reed, and C. L. Amundson. 2011. Use of Nape Tags for Marking Offspring of Precocial Waterbirds. Waterbirds **34**:312-318.

Ashcroft, R. E. 1976. A Function of the Pair Bond in the Common Eider. Wildfowl **27**:101-106.

Aspinall, S. J. and R. H. Dennis. 1988. Goosanders and Red-Breasted Mergansers in the Moray Firth North Sea. Scottish Birds **15**:65-70.

Augspurger, T., J. R. Fischer, N. J. Thomas, L. Sileo, R. E. Brannian, K. J. G. Miller, and T. E. Rocke. 2003. Vacuolar myelinopathy in waterfowl from a North Carolina impoundment. Journal of Wildlife Diseases **39**:412-417.

Aulert, C. and B. Sylvand. 1997. Common scoters (Melanitta nigra) and velvet scoters (Melanitta fusca) wintering of the coasts of Calvados: Relation between diet and sea macrozoobenthic populations on the littoral. Ecologie (Brunoy) **28**:107-117.

Baer, U. and F. Jochums. 1995. Common Eider Somateria mollissima summering and moulting in Bavaria with remarks about Zebra Mussel Dreissena polymorpha. Ornithologischer Anzeiger **34**:159-162.

Bagg, A. C. and S. A. Eliot. 1933. Courtship of the hooded merganser (Lophodytes cucul-latus). Auk **50**:430-431.

Bailey, E. P. 1977. Distribution and Abundance of Marine Birds and Mammals Along the South Side of the Kenai Peninsula Alaska. Murrelet **58**:58-72.

Baillie, S. M., C. D. Wilkerson, and T. L. Newbury. 2004. "Ashkui" vernal ice-cover phenomena and their ecological role in southern Labrador. Canadian Field-Naturalist **118**:267-269.

Bain, G. A. and W. Threlfall. 1977. Helminth Parasites of Hooded Mergansers Lophodytes-Cucullatus from Ontario Canada. Proceedings of the Helminthological Society of Washington **44**:219-221.

Balian, L. V., M. G. Ghasabian, M. S. Adamian, and D. Klem. 2002. Changes in the waterbird community of the Lake Sevan-Lake Gilli area, Republic of Armenia: A case for restoration. Biological Conservation **106**:157-163.

Banks, A. N., W. G. Sanderson, B. Hughes, P. A. Cranswick, L. E. Smith, S. Whitehead, A. J. Musgrove, B. Haveock, and N. P. Fairney. 2008. The Sea empress oil spill (Wales, UK): Effects on common scoter Melanitta nigra in Carmarthen Bay and status ten years later. Marine Pollution Bulletin **56**:895-902.

Baptist, H. J. M., R. H. Witte, P. Duiven, and P. A. Wolf. 1997. Numbers of Eiderr Somateria mollissima in The Netherlands in winter, 1993-97. Limosa **70**:113-118.

Baptist, M. J. and M. F. Leopold. 2009. The effects of shoreface nourishments on Spisula and scoters in The Netherlands. Marine Environmental Research **68**:1-11.

Barjaktarovic, L., J. E. Elliott, and A. M. Scheuhammer. 2002. Metal and metallothionein concentrations in scoter (Melanitta spp.) from the Pacific Northwest of Canada, 1989-1994. Archives of Environmental Contamination and Toxicology **43**:486-491.

Barnes, G. G. and V. G. Thomas. 1987. Digestive Organ Morphology Diet and Guild Structure of North American Anatidae. Canadian Journal of Zoology **65**:1812-1817.

Barrett, R. T., T. Anker-Nilssen, G. W. Gabrielsen, and G. Chapdelaine. 2002. Food consumption by seabirds in Norwegian waters. ICES Journal of Marine Science **59**:43-57.

Bart, J. and S. L. Earnst. 2005. Breeding ecology of Spectacled Eiders Somateria fischeri in Northern Alaska. Wildfowl **55**:83-98.

Bauer, U. and H. Zintl. 1974. Distribution and Breeding Biology of the Goosander Mergus-Merganser in Bavaria West Germany. Anzeiger der Ornithologischen Gesellschaft in Bayern **13**:71-86.

Bauer, U. and H. Zintl. 1995. Breeding biology and development of breeding population of the goosander Mergus merganser in Bavaria since 1970. Ornithologischer Anzeiger **34**:1-38.

Bayer, R. D. 1980. Birds Feeding on Herring Eggs at the Yaquina Estuary Oregon USA. Condor **82**:193-198.

Beard, E. B. 1951. The trachea of the hooded merganser. Wilson Bull **63**:296-301.

Beard, E. B. 1964. Duck brood behavior at the Seney National Wildlife Refuge. J Wildl Mgmt **28**:492-521.

Beattie, L. A. and T. D. Nudds. 1989. Differential Habitat Occupancy by Goldeneye Ducklings Bucephala-Clangula and Fish Predator Avoidance or Competition. Canadian Journal of Zoology **67**:475-482.

Beauchamp, G. 1993. Diving behavior in surf scoters and Barrow's goldeneyes. Auk **109**:819-827.

Beauchamp, G. 2000. Parental behaviour and brood integrity in amalgamated broods of the Common Eider. Wildfowl **51**:169-179.

Beauchamp, G., M. Guillemette, and R. Ydenberg. 1992. Prey selection while diving by common eiders, Somateria mollissima. Animal Behaviour **44**:417-426.

Beckerman, A. P. and O. L. Petchey. 2009. Infectious food webs. Journal of Animal Ecology **78**:493-496.

Bedard, J., J. Gauthier, and J. Munro. 1987. The Distribution of Common Eiders During the Brood-Rearing Period in the St. Lawrence Estuary Canada. Pages 12-19 Reed, A. (Ed.). Canadian Wildlife Service Report Series, No. 47. Eider Ducks in Canada. V+177p. Canadian Wildlife Service: Ste-Foy, Quebec, Canada. Illus. Maps. Paper.

Bedard, J. and J. Munro. 1977. Brood and Creche Stability in the Common Eider of the St-Lawrence Estuary Canada. Behaviour **60**:221-236.

Bedard, J., J. C. Therriault, and J. Berube. 1980. Assessment of the Importance of Nutrient Re Cycling by Sea Birds in the St-Lawrence Estuary Canada. Canadian Journal of Fisheries and Aquatic Sciences **37**:583-588.

Bellebaum, J., J. Kube, A. Schulz, H. Skov, and H. Wendeln. 2014. Decline of Long-tailed Duck Clangula hyemalis numbers in the Pomeranian Bay revealed by two different survey methods. Ornis Fennica **91**:129-137.

Belopol'Skii, L. O., G. P. Goryainova, and T. V. Tarnovskaya. 1974. Sex Ratio in the Common Eider. Ekologiya (Moscow) **5**:110-111.

Bendell, B. E. and D. K. McNicol. 1995. The diet of insectivorous ducklings and the acidification of small Ontario lakes. Canadian Journal of Zoology **73**:2044-2051.

Bendell, L. I. 2011. Sea ducks and aquaculture: the cadmium connection. Ecotoxicology **20**:474-478.

Bengtson, S.-A. 1966. Observations on the sexual behavior of the common scoter (Melanitta nigra) on the breeding grounds, with special reference to courting parties Engl. summ. Var Fagelvarld **25**:202-226.

Bengtson, S. A. 1972. Breeding Ecology of the Harlequin Duck Histrionicus-Histrionicus in Iceland. Ornis Scandinavica **3**:1-19.

Bengtson, S. A. and S. Ulfstrand. 1971. Food Resources and Breeding Frequency of the Harlequin Duck Histrionicus-Histrionicus in Iceland. Oikos **22**:235-239.

Bennett, D. C., D. A. Gray, P. J. Sharp, and M. R. Hughes. 2005. Redistribution of extracellular water and sodium may contribute to saline tolerance in wild ducks. Physiological and Biochemical Zoology **78**:447-455.

Bennett, D. C. and M. R. Hughes. 2003. Comparison of renal and salt gland function in three species of wild ducks. Journal of Experimental Biology **206**:3273-3284.

Bennett, J. and W. S. Smithson. 2001. Feeding associations between Snowy Egrets and Red-breasted Mergansers. Waterbirds **24**:125-128.

Benoit, A. R. 2007. Aboriginal harvest of waterfowl in the Maritimes. Canadian Wildlife Service.

Benoit, R., M. Robert, C. Marcotte, G. Fitzgérald, and J.-P. L. Savard. 2001. Étude des déplacements du Garrot d’islande dans l’est du Canada à l’aide de la télémétrie satellitaire. Canadian Wildlife Service.

Bentzen, R. L. and A. N. Powell. 2012. Population Dynamics of King Eiders Breeding in Northern Alaska. Journal of Wildlife Management **76**:1011-1020.

Bentzen, R. L. and A. N. Powell. 2015. Dispersal, movements and site fidelity of post-fledging King Eiders Somateria spectabilis and their attendant females. Ibis **157**:133-146.

Bentzen, R. L., A. N. Powell, L. M. Phillips, and R. S. Suydam. 2010. Incubation behavior of king eiders on the coastal plain of northern Alaska. Polar Biology **33**:1075-1082.

Bentzen, R. L., A. N. Powell, and R. S. Suydam. 2008. Factors Influencing Nesting Success of King Eiders on Northern Alaska's Coastal Plain. Journal of Wildlife Management **72**:1781-1789.

Bentzen, R. L., A. N. Powell, and R. S. Suydam. 2009. Strategies for Nest-Site Selection by King Eiders. Journal of Wildlife Management **73**:932-938.

Bentzen, R. L., A. N. Powell, T. D. Williams, and A. S. Kitaysky. 2008. Characterizing the nutritional strategy of incubating king eiders Somateria spectabilis in northern Alaska. Journal of Avian Biology **39**:683-690.

Bergan, J. F. and L. M. Smith. 1989. Differential Habitat Use by Diving Ducks Wintering in South Carolina USA. Journal of Wildlife Management **53**:1117-1126.

Bergan, J. F., L. M. Smith, and J. J. Mayer. 1989. Time-Activity Budgets of Diving Docks Wintering in South Carolina USA. Journal of Wildlife Management **53**:769-776.

Bergman, G. 1965. Gulls: Their competition, food needs, and relations to other coastal birds? Ger. summ.J. Zool Revy **27**:58-77.

Bergman, G. 1974. The Spring Migration of the Long-Tailed Duck and the Common Scoter in Western Finland. Ornis Fennica **51**:129-145.

Bergstrom, R. 1990. Variations in the Occurrence of the Common Eider Along the Norwegian Skagerrak Coast from May 1988 to June 1989. Fauna och Flora Naturhistoriska Riksmuseet **85**:180-185.

Beukema, J. J. 1993. Increased mortality in alternative bivalve prey during a period when the tidal flats of the Dutch Wadden Sea were devoid of mussels. Netherlands Journal of Sea Research **31**:395-406.

Beukema, J. J. and G. C. Cadee. 1999. An estimate of the sustainable rate of shell extraction from the Dutch Wadden Sea. Journal of Applied Ecology **36**:49-58.

Beukema, J. J., G. C. Cadee, and R. Dekker. 1998. How two large-scale "experiments" illustrate the importance of enrichment and fishery for the functioning of the Wadden Sea ecosystem. Senckenbergiana Maritima **29**:37-44.

Beyer, W. N., M. C. Perry, and P. C. Osenton. 2008. Sediment ingestion rates in waterfowl (Anatide) and their use in environmental risk assessment. Integrated Environmental Assessment and Management **4**:246-251.

Birchall, J., T. C. O'Connell, T. H. E. Heaton, and R. E. M. Hedges. 2005. Hydrogen isotope ratios in animal body protein reflect trophic level. Journal of Animal Ecology **74**:877-881.

Bishop, C. A. and W. Threlfall. 1974. Helminth Parasites of the Common Eider Duck Somateria-Mollissima in Newfoundland and Labrador Canada. Proceedings of the Helminthological Society of Washington **41**:25-35.

Bishop, M. A. and S. P. Green. 2001. Predation on Pacific herring (Clupea pallasi) spawn by birds in Prince William Sound, Alaska. Fisheries Oceanography **10**:149-158.

Blankespoor, C. L., R. L. Reimink, and H. D. Blankespoor. 2001. Efficacy of praziquantel in treating natural schistosome infections in common mergansers. Journal of Parasitology **87**:424-426.

Blew, J., K. Guenther, and P. Suedbeck. 2005. Trends of migratory waterbirds in the German Wadden Sea from 1987/1988 to 2001/2002. Vogelwelt **126**:99-125.

Blicher, M. E., L. M. Rasmussen, M. K. Sejr, F. R. Merkel, and S. Rysgaard. 2011. Abundance and energy requirements of eiders (Somateria spp.) suggest high predation pressure on macrobenthic fauna in a key wintering habitat in SW Greenland. Polar Biology **34**:1105-1116.

Blinn, B. M., A. W. Diamond, and D. J. Hamilton. 2008. Factors Affecting Selection of Brood-rearing Habitat by Common Eiders (Somateria mollissima) in the Bay of Fundy, New Brunswick, Canada. Waterbirds **31**:520-529.

Blomqvist, S. and M. Elander. 1988. King Eider Somateria-Spectabilis Nesting in Association with Long-Tailed Skua Stercorarius-Longicaudus. Arctic **41**:138-142.

Bloom, P. M., R. G. Clark, D. W. Howerter, and L. M. Armstrong. 2013. Multi-scale habitat selection affects offspring survival in a precocial species. Oecologia **173**:1249-1259.

Blums, P., C. W. Shaiffer, and L. H. Fredrickson. 2000. Automatic multi-capture nest box trap for cavity-nesting ducks. Wildlife Society Bulletin **28**:592-596.

Blus, L. J., C. J. Henny, D. J. Hoffman, and R. A. Grove. 1995. Accumulation in and effects of lead and cadmium on waterfowl and passerines in northern Idaho. Environmental Pollution **89**:311-318.

Bodenstein, B., K. Beckmen, G. Sheffield, K. Kuletz, C. Van Hemert, B. Berlowski, and V. Shearn-Bochsler. 2015. Avian Cholera Causes Marine Bird Mortality in the Bering Sea of Alaska. Journal of Wildlife Diseases **51**:934-937.

Boehm, P. D., P. J. Mankiewicz, R. Hartung, J. M. Neff, D. S. Page, E. S. Gilfillan, J. E. O'Reilly, and K. R. Parker. 1996. Characterization of mussel beds with residual oil and the risk to foraging wildlife 4 years after the Exxon valdez oil spill. Environmental Toxicology and Chemistry **15**:1289-1303.

Boertmann, D. 2003. Distribution and conservation of the Harlequin Duck, Histrionicus histrionicus, in Greenland. Canadian Field-Naturalist **117**:249-256.

Boertmann, D. 2008. Harlequin Ducks in Greenland. Waterbirds **31**:4-7.

Boertmann, D., P. Lyngs, F. R. Merkel, and A. Mosbech. 2004. The significance of Southwest Greenland as winter quarters for seabirds. Bird Conservation International **14**:87-112.

Boertmann, D. and A. Mosbech. 2002. Molting Harlequin Ducks in Greenland. Waterbirds **25**:326-332.

Boertmann, D., A. Mosbech, and F. R. Merkel. 2006. The importance of Southwest Greenland for wintering seabirds. British Birds **99**:282-298.

Bogan, J. A. and W. R. P. Bourne. 1973. Mercury in Sea Birds. Marine Pollution Bulletin **4**:77-79.

Bokenes, L. and J. B. Mercer. 1995. Salt gland function in the common eider duck (Somateria mollissima). Journal of Comparative Physiology B Biochemical Systemic and Environmental Physiology **165**:255-267.

Bolduc, F. and M. Guillemette. 2003. Human disturbance and nesting success of Common Eiders: Interaction between visitors and gulls. Biological Conservation **110**:77-83.

Bolduc, F. and M. Guillemette. 2003. Incubation constancy and mass loss in the Common Eider Somateria mollissima. Ibis **145**:329-332.

Bolduc, F., M. Guillemette, and R. D. Titman. 2005. Nesting success of common eiders Somateria mollissima as influenced by nest-site and female characteristics in the Gulf of the St. Lawrence. Wildlife Biology **11**:273-279.

Bolduc, F., S. Lapointe, and B. Gagnon. 2008. Common Goldeneye breeding in the eastern Canadian boreal forest: Factors affecting productivity estimates. Waterbirds **31**:42-51.

Bolen, E. G. and B. R. Chapman. 1981. Estimating Winter Sex Ratios for Buffleheads Bucephala-Albeola. Southwestern Naturalist **26**:49-52.

Bollinger, T. K. and I. K. Barker. 1996. Runting of ducklings associated with Cochlosoma anatis infection. Avian Diseases **40**:181-185.

Bond, A. L. and A. W. Diamond. 2009. Mercury concentrations in seabird tissues from Machias Seal Island, New Brunswick, Canada. Science of the Total Environment **407**:4340-4347.

Bond, A. L., P. W. Hicklin, and M. Evans. 2007. Daytime spring migrations of Scoters (Melanitta spp.) in the Bay of Fundy. Waterbirds **30**:566-572.

Bond, J. and D. Esler. 2008. Bill entanglement in subcutaneously-anchored radio transmitters on Harlequin Ducks. Wilson Journal of Ornithology **120**:599-602.

Bond, J. C. and D. Esler. 2006. Nutrient acquisition by female Harlequin Ducks prior to spring migration and reproduction: evidence for body mass optimization. Canadian Journal of Zoology **84**:1223-1229.

Bond, J. C., D. Esler, and K. A. Hobson. 2007. Isotopic evidence for sources of nutrients allocated to clutch formation by harlequin ducks. Condor **109**:698-704.

Bond, J. C., D. Esler, and T. D. Williams. 2008. Breeding propensity of female harlequin ducks. Journal of Wildlife Management **72**:1388-1393.

Bond, J. C., S. A. Iverson, N. B. Maccallum, C. M. Smith, H. J. Bruner, and D. Esler. 2009. Variation in Breeding Season Survival of Female Harlequin Ducks. Journal of Wildlife Management **73**:965-972.

Boonstra, R., J. M. Eadie, C. J. Krebs, and S. Boutin. 1995. Limitations of far infrared thermal imaging in locating birds. Journal of Field Ornithology **66**:192-198.

Bordage, D., N. Plante, A. Bourget, and S. Paradis. 1998. Use of ratio estimators to estimate the size of common eider populations in winter. Journal of Wildlife Management **62**:185-192.

Bordage, D. and J.-P. L. Savard. 1995. Black scoter (Melanitta nigra). Birds of North America **0**:1-20.

Bordage, D. a. J.-P. L. S. 2011. Black Scoter (Melanitta americana). The Birds of North America.

Borgsteede, F. H. M. 2005. The gizzard worm, Amidostomum acutum (Lundahl, 1848) Seurat, 1918 in common eiders, (Somateria mollissima L.) in the Netherlands. Helminthologia (Bratislava) **42**:215-218.

Borgsteede, F. H. M., A. Okulewicz, P. E. F. Zoun, and J. Okulewicz. 2005. The gastrointestinal helminth fauna of the eider duck (Somateria mollissima L.) in the Netherlands. Helminthologia (Bratislava) **42**:83-87.

Bottitta, G. E. 1999. Energy constraints on incubating common eiders in the Canadian Arctic (East Bay, Southampton Island, Nunavut). Arctic **52**:425-437.

Bottitta, G. E., H. G. Gilchrist, A. Kift, and M. G. Meredith. 2002. A pressure-sensitive wireless device for continuously monitoring avian nest attendance. Wildlife Society Bulletin **30**:1033-1038.

Bottitta, G. E., E. Nol, and H. G. Gilchrist. 2003. Effects of experimental manipulation of incubation length on behavior and body mass of Common Eiders in the Canadian arctic. Waterbirds **26**:100-107.

Botto, F., O. O. Iribarne, M. M. Martinez, K. Delhey, and M. Carrete. 1998. The effect of migratory shorebirds on the benthic species of three southwestern Atlantic Argentinean estuaries. Estuaries **21**:700-709.

Boudreau, M. R. and D. J. Hamilton. 2012. Seasonal variation in effects of multiple predators on an intertidal mussel bed: implications for interpretation of manipulative experiments. Marine Ecology Progress Series **465**:137-153.

Bourgeois, C. E. and W. Threlfall. 1982. Metazoan Parasites of 3 Species of Scoter Anatidae. Canadian Journal of Zoology **60**:2253-2257.

Bourgeon, S., F. Criscuolo, F. Bertile, T. Raclot, G. W. Gabrielsen, and S. Massemin. 2006. Effects of clutch sizes and incubation stage on nest desertion in the female Common Eider Somateria mollissima nesting in the high Arctic. Polar Biology **29**:358-363.

Bourgeon, S., F. Criscuolo, Y. Le Maho, and T. Raclot. 2005. Immunocompetence of female common eiders incubating in the high arctic in relation to clutch size. Alauda **73**:286.

Bourgeon, S., F. Cruscuolo, Y. Le Maho, and T. Raclot. 2006. Phytohemagglutinin response and immunoglobulin index decrease during incubation fasting in female common eiders. Physiological and Biochemical Zoology **79**:793-800.

Bourgeon, S., Y. Le Maho, and T. Raclot. 2009. Proximate and ultimate mechanisms underlying immunosuppression during the incubation fast in female eiders: Roles of triiodothyronine and corticosterone. General and Comparative Endocrinology **163**:77-82.

Bourgeon, S., J. Martinez, F. Criscuolo, Y. Le Maho, and T. Raclot. 2006. Fasting-induced changes of immunological and stress indicators in breeding female eiders. General and Comparative Endocrinology **147**:336-342.

Bourgeon, S. and T. Raclot. 2006. Corticosterone selectively decreases humoral immunity in female eiders during incubation. Journal of Experimental Biology **209**:4957-4965.

Bourgeon, S. and T. Raclot. 2007. Triiodothyronine suppresses humoral immunity but not T-cell-mediated immune response in incubating female eiders (Somateria mollissima). General and Comparative Endocrinology **151**:188-194.

Bourgeon, S., T. Raclot, Y. Le Maho, D. Ricquier, and F. Criscuolo. 2007. Innate immunity, assessed by plasma NO measurements, is not suppressed during the incubation fast in eiders. Developmental & Comparative Immunology **31**:720-728.

Bourget, A. A. 1973. Relation of Eiders and Gulls Nesting in Mixed Colonies in Penobscot Bay Maine. Auk **90**:809-820.

Bourget, D., J.-P. L. Savard, and M. Guillemette. 2007. Distribution, diet and dive behavior of barrow's and common goldeneyes during spring and autumn in the St. Lawrence estuary. Waterbirds **30**:230-240.

Bouvier, J. M. 1974. Breeding Biology of the Hooded Merganser in Southwestern Quebec Canada Including Interactions with Common Goldeneyes and Wood Ducks. Canadian Field-Naturalist **88**:323-330.

Bowers, E. A. 1965. A description of Meiogymnophallus jamesoni sp. nov. (Trematoda: Gymnophallidae) from the intestine of the common scoter, Melanitta nigra L. Ann Mag Natur Hist **8**:277-283.

Bowman, T. D., E. D. Silverman, S. G. Gilliland, and J. B. Leirness. 2015. Status and trends of North American sea ducks: Reinforcing the need for better monitoring. CRC Press, Boca Raton, FL.

Boyd, H. 1996. Arctic temperatures and the long-tailed ducks shot in eastern North America. Wildlife Biology **2**:113-117.

Boyd, W. S., T. D. Bowman, J.-P. L. Savard, and R. D. Dickson. 2015. Conservation of North American sea ducks. CRC Press, Boca Raton, FL.

Boyd, W. S., B. D. Smith, S. A. Iverson, M. R. Evans, J. E. Thompson, and S. Schneider. 2009. Apparent survival, natal philopatry, and recruitment of Barrow's goldeneyes (Bucephala islandica) in the Cariboo-Chilcotin region of British Columbia, Canada. Canadian Journal of Zoology **87**:337-345.

Boyer, R. L. 1975. Wildlife Occupying Potential Wood Duck Tree Nest Sites. Wilson Bulletin **87**:558-559.

Boyne, A. W. 2008. Harlequin Ducks in the Canadian Maritime Provinces. Waterbirds **31**:50-57.

Brager, S., J. Meissner, and M. Thiel. 1995. Temporal and spatial abundance of wintering common Eider Somateria mollissima, long-tailed duck Clangula hyemalis, and Common Scoter Melanitta nigra in shallow water areas of the southwestern Baltic Sea. Ornis Fennica **72**:19-28.

Braun, B. M., P. A. Heinz, and G. H. Heinz. 1980. Herring Gull Larus-Argentatus Predation on Red-Breasted Merganser Mergus-Serrator Ducklings. Wilson Bulletin **92**:403.

Braune, B. M. 1987. Comparison of Total Mercury Levels in Relation to Diet and Molt for Nine Species of Marine Birds. Archives of Environmental Contamination and Toxicology **16**:217-224.

Braune, B. M., K. A. Hobson, and B. J. Malone. 2005. Regional differences in collagen stable isotope and tissue trace element profiles in populations of long-tailed duck breeding in the Canadian Arctic. Science of the Total Environment **346**:156-168.

Braune, B. M. and B. J. Malone. 2006. Mercury and selenium in livers of waterfowl harvested in northern Canada. Archives of Environmental Contamination and Toxicology **50**:284-289.

Braune, B. M. and B. J. Malone. 2006. Organochlorines and mercury in waterfowl harvested in Canada. Environmental Monitoring and Assessment **114**:331-359.

Brenninkmeijer, A., E. W. M. Stienen, and P. G. M. Van Tienen. 1998. Breeding success and breeding association of short-eared owls Asio flammeus on Griend. Limosa **71**:89-94.

Brodeur, S., G. H. Mittelhauser, J.-P. L. Savard, P. W. Thomas, R. D. Titman, and D. Comeau. 2008. Capture Methods for Migrating, Wintering and Molting Sea Ducks. Waterbirds **31**:133-137.

Brodeur, S., J.-P. L. Savard, M. Robert, A. Bourget, G. Fitzgerald, and R. D. Titman. 2008. Abundance and Movements of Harlequin Ducks Breeding on Rivers of the Gaspe Peninsula, Quebec. Waterbirds **31**:122-129.

Brodeur, S., J.-P. L. Savard, M. Robert, P. Laporte, P. Lamothe, R. D. Titman, S. Marchand, S. Gilliland, and G. Fitzgerald. 2002. Harlequin duck Histrionicus histrionicus population structure in eastern Nearctic. Journal of Avian Biology **33**:127-137.

Brodeur, S., J.-P. L. Savard, M. Robert, R. D. Titman, and G. Fitzgerald. 2008. Failure Time and Fate of Harlequin Ducks Implanted with Satellite Transmitters. Waterbirds **31**:183-187.

Broman, D., C. Naf, I. Lundbergh, and Y. Zebuhr. 1990. An in Situ Study on the Distribution Biotransformation and Flux of Polycyclic Aromatic Hydrocarbons Pahs in an Aquatic Food Chain Seston Mytilus-Edulis L. And Somateria-Mollissima L. From the Baltic an Ecotoxicological Perspective. Environmental Toxicology and Chemistry **9**:429-442.

Bronne, L. 2004. The Goosanderer (Mergus merganser) in Wallonia and Brussels Region: yesterday a scarse winter bird, tomorrow a breeding bird? Aves **41**:121-134.

Bronne, L. and C. Brunin. 2006. Emergence and development of a winter roost of Goosanders (Mergus merganser) the case of Coo (Belgian Ardennes). Aves **43**:1-18.

Brook, R. W., K. F. Abraham, K. R. Middel, and R. K. Ross. 2012. Abundance and Habitat Selection of Breeding Scoters (Melanitta spp.) in Ontario's Hudson Bay Lowlands. Canadian Field-Naturalist **126**:20-27.

Brown, C. S., J. Luebbert, D. Mulcahy, J. Schamber, and D. H. Rosenberg. 2006. Blood lead levels of wild Steller's eiders (Polysticta stelleri) and black scoters (Melanitta nigra) in Alaska using a portable blood lead analyzer. Journal of Zoo and Wildlife Medicine **37**:361-365.

Brown, M. K. and G. R. Parsons. 1979. Waterfowl Production on Beaver Flowages in a Part of Northern New-York USA. New York Fish and Game Journal **26**:142-153.

Brown, P. W. and M. A. Brown. 1981. Nesting Biology of the White-Winged Scoter Melanitta-Fusca-Deglandi. Journal of Wildlife Management **45**:38-45.

Brown, P. W. and L. H. Fredrickson. 1983. Growth and moult progression of White-winged Scoter ducklings. Wildfowl **34**:115-119.

Brown, P. W. and L. H. Fredrickson. 1986. Food Habits of Breeding White-Winged Scoters. Canadian Journal of Zoology **64**:1652-1654.

Brown, P. W. and L. H. Fredrickson. 1987. Body and Organ Weights and Carcass Composition of Breeding Female White-Winged Scoters. Wildfowl **38**:103-107.

Brown, P. W. and L. H. Fredrickson. 1987. Time Budget and Incubation Behavior of Breeding White-Winged Scoters. Wilson Bulletin **99**:50-55.

Brown, P. W. and L. H. Fredrickson. 1989. White-Winged Scoter Melanitta-Fusca Populations and Nesting on Redberry Lake Saskatchewan Canada. Canadian Field-Naturalist **103**:240-247.

Brown, P. W. and S. Houston. 1982. Longevity and Age of Maturity of White-Winged Scoters Melanitta-Fusca-Deglandi. Journal of Field Ornithology **53**:53-54.

Brown, P. W. a. L. H. F. 1997. White-winged Scoter (Melanitta fusca). The Birds of North America.

Brown, R. G. B., D. I. Gillespie, A. R. Lock, P. A. Pearce, and G. H. Watson. 1973. Bird Mortality from Oil Slicks Off Eastern Canada February to April 1970. Canadian Field-Naturalist **87**:225-234.

Brunstrom, B., D. Broman, and C. Naf. 1990. Embryotoxicity of Polycyclic Aromatic Hydrocarbons Pahs in Three Domestic Avian Species and of Pahs and Coplanar Polychlorinated Biphenyls Pcbs in the Common Eider. Environmental Pollution **67**:133-144.

Buchanan, T., R. W. Brook, M. P. Purvis, and J. C. Davies. 2015. Quantifying Moonlight and Wind Effects on Flighted Waterfowl Capture Success During Night-Lighting. Wildlife Society Bulletin **39**:169-173.

Buckton, S. T. and S. J. Ormerod. 1997. Use of a new standardized habitat survey for assessing the habitat preferences and distribution of upland river birds. Bird Study **44**:327-337.

Budge, S. M., S. W. Wang, T. E. Hollmen, and M. J. Wooller. 2011. Carbon isotopic fractionation in eider adipose tissue varies with fatty acid structure: implications for trophic studies. Journal of Experimental Biology **214**:3790-3800.

Bueno, B. A. D., M. R. Nunes, and C. Melo. 2012. Bills Favor Mining and Threaten Conservation of Brazilian Merganser (Mergus octosetaceus) at Serra da Canastra National Park, Minas Gerais, Brazil. Natureza & Conservacao **10**:64-71.

Bunyard, P. F. 1927. The nesting of Steller's Eider in Norway. Ibis **3**:177-178.

Bur, M. T., M. A. Stapanian, G. Bernhardt, and M. W. Turner. 2008. Fall diets of red-breasted Merganser (Mergus serrator) and walleye (Sander vitreus) in Sandusky Bay and adjacent waters of Western Lake Erie. American Midland Naturalist **159**:147-161.

Burger, A. E. and S. A. Shaffer. 2008. Application of tracking and data-logging technology in research and conservation of seabirds. Auk **125**:253-264.

Burger, J. and M. Gochfeld. 2007. Metals and radionuclides in birds and eggs from Amchitka and Kiska Islands in the Bering Sea/Pacific Ocean ecosystem. Environmental Monitoring and Assessment **127**:105-117.

Burger, J. and M. Gochfeld. 2009. Comparison of arsenic, cadmium, chromium, lead, manganese, mercury and selenium in feathers in bald eagle (Haliaeetus leucocephalus), and comparison with common eider (Somateria mollissima), glaucous-winged gull (Larus glaucescens), pigeon guillemot (Cepphus columba), and tufted puffin (Fratercula cirrhata) from the Aleutian Chain of Alaska. Environmental Monitoring and Assessment **152**:357-367.

Burger, J. and M. Gochfeld. 2009. Mercury and Other Metals in Feathers of Common Eider (Somateria mollissima) and Tufted Puffin (Fratercula cirrhata) from the Aleutian Chain of Alaska. Archives of Environmental Contamination and Toxicology **56**:596-606.

Burger, J., M. Gochfeld, C. Jeitner, D. Snigaroff, R. Snigaroff, T. Stamm, and C. Volz. 2008. Assessment of metals in down feathers of female common eiders and their eggs from the Aleutians: arsenic, cadmium, chromium, lead, manganese, mercury, and selenium. Environmental Monitoring and Assessment **143**:247-256.

Burger, J., M. Gochfeld, D. Kosson, C. W. Powers, B. Friedlander, M. Stabin, D. Favret, S. Jewett, D. Snigaroff, R. Snigaroff, T. Stamm, J. Weston, C. Jeitner, and C. Volz. 2007. Radionuclides in marine fishes and birds from Amchitka and Kiska Islands in the Aleutians: Establishing a baseline. Health Physics **92**:265-279.

Burnham, K. K., J. A. Johnson, B. Konkel, and J. L. Burnham. 2012. Nesting Common Eider (Somateria mollissima) Population Quintuples in Northwest Greenland. Arctic **65**:456-464.

Burton, N. H. K., A. J. Musgrove, M. M. Rehfisch, and N. A. Clark. 2010. Birds of the Severn Estuary and Bristol Channel: Their current status and key environmental issues. Marine Pollution Bulletin **61**:115-123.

Bustnes, J. O. 1993. Exploitation of others' vigilance by the Common Eider Somateria mollissima. Wildfowl **44**:108-110.

Bustnes, J. O. 1996. Is parental care a constraint on the habitat use of common eider females? Condor **98**:22-26.

Bustnes, J. O. 1998. Selection of blue mussels, Mytilus edulis, by common eiders, Somateria mollissima, by size in relation to shell content. Canadian Journal of Zoology **76**:1787-1790.

Bustnes, J. O. 2013. Reproductive Recovery of a Common Eider Somateria mollissima Population Following Reductions in Discharges of Polycyclic Aromatic Hydrocarbons (PAHs). Bulletin of Environmental Contamination and Toxicology **91**:202-207.

Bustnes, J. O., M. Asheim, T. H. Bjorn, H. Gabrielsen, and G. H. Systad. 2000. The diet of Steller's Eiders wintering in Varangerfjord, northern Norway. Wilson Bulletin **112**:8-13.

Bustnes, J. O. and K. E. Erikstad. 1988. The Diets of Sympatric Wintering Populations of Common Eider Somateria-Mollissima and King Eider Somateria-Spectabilis in Northern Norway. Ornis Fennica **65**:163-168.

Bustnes, J. O. and K. E. Erikstad. 1990. Effects of Patagial Tags on Laying Date and Egg Size in Common Eiders. Journal of Wildlife Management **54**:216-218.

Bustnes, J. O. and K. E. Erikstad. 1990. Size Selection of Common Mussels Mytilus-Edulis by Common Eiders Somateria-Mollissima Energy Maximization or Shell Weight Minimization. Canadian Journal of Zoology **68**:2280-2283.

Bustnes, J. O. and K. E. Erikstad. 1991. Parental Care in the Common Eider Somateria-Mollissima Factors Affecting Abandonment and Adoption of Young. Canadian Journal of Zoology **69**:1538-1545.

Bustnes, J. O. and K. E. Erikstad. 1991. The Role of Failed Nesters and Brood Abandoning Females in the Creching System of the Common Eider Somateria-Mollissima. Ornis Scandinavica **22**:335-339.

Bustnes, J. O. and K. E. Erikstad. 1993. Site fidelity in breeding common eider Somateria mollissima females. Ornis Fennica **70**:11-16.

Bustnes, J. O., K. E. Erikstad, and T. H. Bjorn. 2002. Body condition and brood abandonment in Common Eiders breeding in the high Arctic. Waterbirds **25**:63-66.

Bustnes, J. O. and K. Galaktionov. 1999. Anthropogenic influences on the infestation of intertidal gastropods by seabird trematode larvae on the southern Barents Sea coast. Marine Biology (Berlin) **133**:449-453.

Bustnes, J. O. and K. V. Galaktionov. 2004. Evidence of a state-dependent trade-off between energy intake and parasite avoidance in Steller's eiders. Canadian Journal of Zoology **82**:1566-1571.

Bustnes, J. O. and O. J. Lonne. 1995. Sea ducks as predators on sea urchins in a northern kelp forest. Pages 599-608 Ecology of fjords and coastal waters.

Bustnes, J. O., B. Moe, S. A. Hanssen, D. Herzke, A. A. Fenstad, T. Nordstad, K. Borga, and G. W. Gabrielsen. 2012. Temporal Dynamics of Circulating Persistent Organic Pollutants in a Fasting Seabird under Different Environmental Conditions. Environmental Science & Technology **46**:10287-10294.

Bustnes, J. O., B. Moe, D. Herzke, S. A. Hanssen, T. Nordstad, K. Sagerup, G. W. Gabrielsen, and K. Borga. 2010. Strongly increasing blood concentrations of lipid-soluble organochlorines in high arctic common eiders during incubation fast. Chemosphere **79**:320-325.

Bustnes, J. O., A. Mosbech, C. Sonne, and G. H. Systad. 2010. Migration patterns, breeding and moulting locations of king eiders wintering in north-eastern Norway. Polar Biology **33**:1379-1385.

Bustnes, J. O. and G. H. Systad. 2001. Comparative feeding ecology of Steller's Eider and Long-tailed Ducks in winter. Waterbirds **24**:407-412.

Bustnes, J. O. and G. H. Systad. 2001. Habitat use by wintering Steller's Eiders Polysticta stelleri in northern Norway. Ardea **89**:267-274.

Bustnes, J. O., G. H. Systad, and R. C. Ydenberg. 2013. Changing distribution of flocking sea ducks as non-regenerating food resources are depleted. Marine Ecology Progress Series **484**:249-257.

Butkauskas, D., A. Sruoga, S. Svazas, and A. Paulauskas. 2006. Genetic variability among long-tailed ducks wintering in the Baltic Sea. Journal of Ornithology **147**:144.

Butler, R. W. 1998. Moulting sites of sea ducks and other marine birds in Frederick Sound, southeast Alaska. Canadian Field-Naturalist **112**:346-347.

Buttler, E. I., H. G. Gilchrist, S. Descamps, M. R. Forbes, and C. Soos. 2011. Handling Stress of Female Common Eiders During Avian Cholera Outbreaks. Journal of Wildlife Management **75**:283-288.

Byers, T. and D. L. Dickson. 2001. Spring migration and subsistence hunting of king and common eiders at Holman, Northwest Territories, 1996-98. Arctic **54**:122-134.

Byrkjedal, I. 1997. Identifying inter-dive intervals in time-activity budget studies of diving ducks. Wildlife Biology **3**:45-51.

Byrkjedal, I. 2000. The role of Velvet Scoters Melanitta fusca for pursuit-diving seabirds in winter. Ornis Norvegica **23**:56-63.

Byrkjedal, I., S. Eldoy, S. Grundetjern, and M. K. Loyning. 1997. Feeding associations between red-necked grebes Podiceps griseigena and velvet scoters Melanitta fusca in winter. Ibis **139**:45-50.

Cabanac, A. J. 2003. Physical condition of an animal, using as an example the common elder, Somateria mollissima. Canadian Field-Naturalist **117**:230-235.

Cabanac, A. J. and M. Guillemette. 2001. Temperature and heart rate as stress indicators of handled common eider. Physiology and Behavior **74**:475-479.

Cairns, D. K. 1998. Diet of cormorants, mergansers, and kingfishers in northeastern North America. Canadian Technical Report of Fisheries and Aquatic Sciences **0**:I.

Cameron, M. and I. M. Weis. 1993. Organochlorine contaminants in the country food diet of the Belcher Island Inuit, Northwest Territories, Canada. Arctic **46**:42-48.

Campbell, J. M. 1969. The Canvasback Common Goldeneye and Bufflehead in Arctic Alaska USA Aythya-Valisineria Bucephala-Clangula Bucephala-Albeola Occurrence. Condor **71**:80.

Campbell, L. H. 1978. Patterns of Distribution and Behavior of Flocks of Sea Ducks Wintering at Leith and Musselburgh Scotland. Biological Conservation **14**:111-124.

Campbell, L. H. 1984. The Impact of Changes in Sewage Treatment on Sea Ducks Wintering in the Firth of Forth Scotland Uk. Biological Conservation **28**:173-180.

Camphuysen, C. J., C. M. Berrevoets, H. J. W. M. Cremers, A. Dekinga, R. Dekker, B. J. Ens, T. M. van der Have, R. K. H. Kats, T. Kuiken, M. F. Leopold, J. Van der Meer, and T. Piersma. 2002. Mass mortality of common eiders (Somateria mollissima) in the Dutch Wadden Sea, winter 1999/2000: Starvation in a commercially exploited wetland of international importance. Biological Conservation **106**:303-317.

Camphuysen, K. C. J. 1993. Beached seabirds in The Netherlands: 26 years of study (1965-1991). Limosa **66**:1-16.

Camphuysen, K. C. J., H. Barreveld, G. Dahlmann, and J. A. Van Franeker. 1999. Seabirds in the North Sea demobilized and killed by polyisobutylene (C4H8)n (PIB). Marine Pollution Bulletin **38**:1171-1176.

Cantin, M., J. Bedard, and H. Milne. 1974. The Food and Feeding of Common Eiders in the St-Lawrence Estuary Canada USA in Summer. Canadian Journal of Zoology **52**:319-334.

Cao, L., Y. Zhang, M. Barter, and G. Lei. 2010. Anatidae in eastern China during the non-breeding season: Geographical distributions and protection status. Biological Conservation **143**:650-659.

Carlsson, P., D. Herzke, M. Wedborg, and G. W. Gabrielsen. 2011. Environmental pollutants in the Swedish marine ecosystem, with special emphasis on polybrominated diphenyl ethers (PBDE). Chemosphere **82**:1286-1292.

Carlton, J. T. and J. Hodder. 2003. Maritime mammals: terrestrial mammals as consumers in marine intertidal communities. Marine Ecology Progress Series **256**:271-286.

Carney, S. M. 1983. Species Age and Sex Identification of Nearctic Goldeneyes from Wings. Journal of Wildlife Management **47**:754-761.

Caron, C. M. and P. W. C. Paton. 2007. Population trends and habitat use of harlequin ducks in Rhode island. Journal of Field Ornithology **78**:254-262.

Carter, S. and P. Evans. 1988. The Goosander in Relation to Salmon Fisheries. Ibis **130**:589.

Cassirer, E. F., C. R. Groves, and R. L. Wallen. 1991. Distribution and Population Status of Harlequin Ducks in Idaho. Wilson Bulletin **103**:723-725.

Cassirer, E. F., G. Schirato, F. Sharpe, C. R. Groves, and R. N. Anderson. 1993. Cavity nesting by Harlequin Ducks in the Pacific Northwest. Wilson Bulletin **105**:691-694.

Castege, I., G. Hemery, N. Roux, J. d'Elbee, Y. Lalanne, F. D'Amico, and C. Mouches. 2004. Changes in abundance and at-sea distribution of seabirds in the Bay of Biscay prior to, and following the "Erika"oil spill. Aquatic Living Resources **17**:361-367.

Catsadorakis, G. 1997. The importance of Prespa National Park for breeding and wintering birds. Hydrobiologia **351**:157-174.

Cervencl, A., K. Troost, E. Dijkman, M. de Jong, C. J. Smit, M. F. Leopold, and B. J. Ens. 2015. Distribution of wintering Common Eider Somateria mollissima in the Dutch Wadden Sea in relation to available food stocks. Marine Biology **162**:153-168.

Champoux, L. 1996. PCBs, dioxins and furans in hooded merganser (Lophodytes cucullatus), common merganser (Mergus merganser) and mink (Mustela vison) collected along the St. Maurice River near La Tuque, Quebec. Environmental Pollution **92**:147-153.

Chapdelaine, G. and A. Bourget. 1981. Distribution Abundance and Fluctuations in Populations of Marine Birds of the Mingan Archipelago Gulf of St-Lawrence Quebec Canada. Naturaliste Canadien (Quebec) **108**:219-228.

Chapdelaine, G. and P. Brousseau. 1991. Thirteenth Census of Seabird Populations in the Sanctuaries of the North Shore of the Gulf of St. Lawrence 1982-1988. Canadian Field-Naturalist **105**:60-66.

Chaulk, K., G. J. Robertson, B. T. Collins, W. A. Montevecchi, and B. Turner. 2005. Evidence of recent population increases in common eiders breeding in Labrador. Journal of Wildlife Management **69**:805-809.

Chaulk, K., G. J. Robertson, W. A. Montevecchi, and P. C. Ryan. 2005. Aspects of common eider nesting ecology in Labrador. Arctic **58**:10-15.

Chaulk, K. G. 2009. Suspected Long-Term Population Increases in Common Eiders, Somateria mollissima, on the Mid-Labrador Coast, 1980, 1994, and 2006. Canadian Field-Naturalist **123**:304-308.

Chaulk, K. G. and M. L. Mahoney. 2012. Does spring ice cover influence nest initiation date and clutch size in common eiders? Polar Biology **35**:645-653.

Chaulk, K. G., G. J. Robertson, and W. A. Montevecchi. 2004. Regional and annual variability in common elder nesting ecology in Labrador. Polar Research **23**:121-130.

Chaulk, K. G., G. J. Robertson, and W. A. Montevecchi. 2006. Extinction, colonization, and distribution patterns of common eider populations nesting in a naturally fragmented landscape. Canadian Journal of Zoology **84**:1402-1408.

Chaulk, K. G., G. J. Robertson, and W. A. Montevecchi. 2007. Landscape features and sea ice influence nesting common eider abundance and dispersion. Canadian Journal of Zoology **85**:301-309.

Chaulk, K. G. and B. Turner. 2007. The timing of waterfowl arrival and dispersion during spring migration in Labrador. Northeastern Naturalist **14**:375-386.

Chavez-Ramirez, F. 1995. Sex-biased kleptoparasitism of Hooded Mergansers by Ring-billed Gulls. Wilson Bulletin **107**:379-382.

Chilton, G. and M. D. Sorenson. 2007. Genetic identification of eggs purportedly from the extinct Labrador Duck (Camptorhynchus labradorius). Auk **124**:962-968.

Ching, H. L. 1961. Three trematodes from the harlequin duck. Canadian Jour Zool **39**:373-376.

Ching, H. L. 1989. Profilicollis-Botulus Van Cleave 1916 from Diving Ducks and Shore Crabs of British Columbia Canada. Journal of Parasitology **75**:33-37.

Chipault, J. G., C. L. White, D. S. Blehert, S. K. Jennings, and S. M. Strom. 2015. Avian botulism type E in waterbirds of Lake Michigan, 2010-2013. Journal of Great Lakes Research **41**:659-664.

Christensen, K. D. and K. Falk. 2001. Status of the common eider breeding in the municipality of Avanersuaq (Thule), north-west Greenland. Polar Research **20**:109-114.

Christensen, T. K. 1999. Effects of cohort and individual variation in duckling body condition on survival and recruitment in the Common Eider Somateria mollissima. Journal of Avian Biology **30**:302-308.

Christensen, T. K. 2000. Female pre-nesting foraging and male vigilance in Common Eider Somateria mollissima. Bird Study **47**:311-319.

Christensen, T. K. 2001. Effects of duckling body condition on hunting vulnerability in juvenile and immature common eiders Somateria mollissima. Wildlife Biology **7**:97-104.

Christensen, T. K. 2005. Factors affecting the bag size of the common eider Somateria mollissima in Denmark, 1980-2000. Wildlife Biology **11**:89-99.

Christensen, T. K., T. Bregnaballe, T. H. Andersen, and H. H. Dietz. 1997. Outbreak of Pasteurellosis among wintering and breeding common eiders Somateria mollissima in Denmark. Wildlife Biology **3**:125-128.

Christensen, T. K. and A. D. Fox. 2014. Changes in age and sex ratios amongst samples of hunter-shot wings from common duck species in Denmark 1982-2010. European Journal of Wildlife Research **60**:303-312.

Christensen, T. K. and J. P. Hounisen. 2014. Managing hunted populations through sex-specific season lengths: a case of the Common Eider in the Baltic-Wadden Sea flyway population. European Journal of Wildlife Research **60**:717-726.

Christiansen, M. 1948. Epidemic-like outbreak of disease due to zooparasites. among the common eiders. S. mollissima.on the Island of Bornholm. Dansk Ornithol Foren Tidsskr **42**:41-47.

Christiansen, M. 1952. Renal coccidiosis in wild anseriform birds. E. somateriae n. sp. in the common eider. Nordisk Veterinaermed **4**:1173-1191.

Chubbs, T. E., B. Mactavish, K. Oram, P. G. Trimper, K. Knox, and R. I. Goudie. 2001. Unusual Harlequin Duck, Histrionicus histrionicus, nest site discovered in central Labrador. Canadian Field-Naturalist **115**:177-179.

Chubbs, T. E., B. Mactavish, and P. G. Trimper. 2000. Site characteristics of a repetitively used Harlequin Duck, Histrionicus histrionicus, nest in northern Labrador. Canadian Field-Naturalist **114**:324-326.

Chubbs, T. E., P. G. Trimper, G. W. Humphries, P. W. Thomas, L. T. Elson, and D. K. Laing. 2008. Tracking Seasonal Movements of Adult Male Harlequin Ducks from Central Labrador Using Satellite Telemetry. Waterbirds **31**:173-182.

Clark, R. B. and J. P. Croxall. 1972. Rescue Operations for Oiled Sea Birds. Marine Pollution Bulletin **3**:123-127.

Clark, R. G., H. Poysa, P. Runko, and A. Paasivaara. 2014. Spring phenology and timing of breeding in short-distance migrant birds: phenotypic responses and offspring recruitment patterns in common goldeneyes. Journal of Avian Biology **45**:457-465.

Collinson, M., D. T. Parkin, A. G. Knox, G. Songster, and A. J. Helbig. 2006. Species limits within the genus Melanitta, the scoters. British Birds **99**:183-201.

Comeau, L. A., P. St-Onge, F. Pernet, and L. Lanteigne. 2009. Deterring coastal birds from roosting on oyster culture gear in eastern New Brunswick, Canada. Aquacultural Engineering **40**:87-94.

Conkin, J. A. and R. T. Alisauskas. 2013. Modeling probability of waterfowl encounters from satellite imagery of habitat in the central Canadian arctic. Journal of Wildlife Management **77**:931-946.

Cooch, F. G. 1965. The breeding biology and management of the northern eider (Somateria mollissima borealis) in the Cape Dorset Area, Northwest Territories. Wildlife Manage Bull [Ottawa] Ser Ii **10**:5-68.

Cooke, F., G. J. Robertson, R. I. Goudie, and W. S. Boyd. 1997. Molt and the basic plumage of male harlequin ducks. Condor **99**:83-90.

Cooke, F., G. J. Robertson, C. M. Smith, R. I. Goudie, and W. S. Boyd. 2000. Survival, emigration, and winter population structure of Harlequin Ducks. Condor **102**:137-144.

Cooper, L. W., M. G. Sexson, J. M. Grebmeier, R. Gradinger, C. W. Mordy, and J. R. Lovvorn. 2013. Linkages between sea-ice coverage, pelagic-benthic coupling, and the distribution of spectacled eiders: Observations in March 2008, 2009 and 2010, northern Bering Sea. Deep-Sea Research Part Ii-Topical Studies in Oceanography **94**:31-43.

Corfixsen, R. O. Y. 1947. The voice of the velvet scoter, Melanitta fusca (L.), a hitherto unsolved riddle. Dansk Orni Thol Foren Tidsskr **41**:171-174.

Corrigan, R. M., G. J. Scrimgeour, and C. Paszkowski. 2011. Nest Boxes Facilitate Local-Scale Conservation of Common Goldeneye (Bucephala clangula) and Bufflehead (Bucephala albeola) in Alberta, Canada. Avian Conservation and Ecology **6**.

Cosgrove, P. J. 1997. A winter survey of sawbill ducks and cormorants on the River Deveron, north east Scotland. Scottish Birds **19**:93-100.

Cosgrove, P. J., J. R. A. Butler, and R. L. Laughton. 2004. Canoe and walking surveys of wintering Goosanders, Red-Breasted Mergansers, Great Cormorants and Common Goldeneyes on the River Spey, 1994-2003. Scottish Birds **24**:1-10.

Cottam, C. 1939. Food habits of North American diving ducks. U S Dept Agric Tech Bull **643**:1-139.

Cotter, R. and J.-F. Rail. 2007. Third Census of Seabird Populations of the Gaspe Peninsula, Quebec, 2002. Canadian Field-Naturalist **121**:274-286.

Coulson, J. C. 2010. A long-term study of the population dynamics of Common Eiders Somateria mollissima: why do several parameters fluctuate markedly? Bird Study **57**:1-18.

Coulson, J. C. 2013. Age-related and Annual Variation in Mortality Rates of Adult Female Common Eiders (Somateria mollissima). Waterbirds **36**:234-239.

Coulson, S. J., B. Moe, F. Monson, and G. W. Gabrielsen. 2009. The invertebrate fauna of High Arctic seabird nests: the microarthropod community inhabiting nests on Spitsbergen, Svalbard. Polar Biology **32**:1041-1046.

Counihan, K. L., J. M. Maniscalco, M. Bozza, J. M. Hendon, and T. E. Hollmen. 2015. The influence of year, laying date, egg fertility and incubation, individual hen, hen age and mass and clutch size on maternal immunoglobulin Y concentration in captive Steller's and spectacled eider egg yolk. Developmental and Comparative Immunology **52**:10-16.

Counihan, K. L., L. F. Skerratt, J. C. Franson, and T. E. Hollmen. 2015. Phylogenetic and pathogenic characterization of novel adenoviruses isolated from long-tailed ducks (Clangula hyemalis). Virology **485**:393-401.

Coupe, M. and F. Cooke. 1999. Factors affecting the pairing chronologies of three species of Mergansers in southwest British Columbia. Waterbirds **22**:452-458.

Craik, S., John Pearce and Rodger D. Titman. 2015. Red-breasted Merganser (Mergus serrator). The Birds of North America.

Craik, S. R., A. R. Hanson, R. D. Titman, M. L. Mahoney, and E. Tremblay. 2015. Potential Impacts of Storm Surges and Sea-level Rise on Nesting Habitat of Red-breasted Mergansers (Mergus serrator) on Barrier Islands in New Brunswick, Canada. Waterbirds **38**:77-85.

Craik, S. R., J. P. L. Savard, M. J. Richardson, and R. D. Titman. 2011. Foraging Ecology of Flightless Male Red-breasted Mergansers in the Gulf of St. Lawrence, Canada. Waterbirds **34**:280-288.

Craik, S. R., J.-P. L. Savard, and R. D. Titman. 2009. Wing and Body Molts of Male Red-Breasted Mergansers in the Gulf of St. Lawrence, Canada. Condor **111**:71-80.

Craik, S. R. and R. D. Titman. 2008. Movements and Habitat Use by Red-Breasted Merganser Broods in Eastern New Brunswick. Wilson Journal of Ornithology **120**:743-754.

Craik, S. R. and R. D. Titman. 2009. Nesting Ecology of Red-breasted Mergansers in a Common Tern Colony in Eastern New Brunswick. Waterbirds **32**:282-292.

Criscuolo, F. 2001. Does blood sampling during incubation induce nest desertion in the female Common Eider Somateria mollissima? Marine Ornithology **29**:47-50.

Criscuolo, F., O. Chastel, F. Bertile, G. W. Gabrielsen, Y. Le Maho, and T. Raclot. 2005. Corticosterone alone does not trigger a short term behavioural shift in incubating female common eiders Somateria mollissima, but does modify long term reproductive success. Journal of Avian Biology **36**:306-312.

Criscuolo, F., O. Chastel, G. W. Gabrielsen, A. Lacroix, and Y. Le Maho. 2002. Factors affecting plasma concentrations of prolactin in the common eider Somateria mollissima. General and Comparative Endocrinology **125**:399-409.

Criscuolo, F., G. W. Gabrielsen, J.-P. Gendner, and Y. Le Maho. 2002. Body mass regulation during incubation in female common eiders Somateria mollissima. Journal of Avian Biology **33**:83-88.

Criscuolo, F., G. W. Gabrielsen, J.-P. Gendner, and L. M. Yvon. 2000. An automatic weighing system application in a study of the Common Eider Somateria mollissima breeding biology. Alauda **68**:59-63.

Criscuolo, F., M. Gauthier-Clerc, G. W. Gabrielsen, and Y. L. Maho. 2000. Recess behaviour of the incubating Common Eider Somateria mollissima. Polar Biology **23**:571-574.

Criscuolo, F., M. Gauthier-Clerc, Y. Le Maho, and G. W. Gabrielsen. 2001. Brood patch temperature during provocation of incubating common eiders in Ny-Alesund, Svalbard. Polar Research **20**:115-118.

Criscuolo, F., M. Gauthier-Clerc, Y. Le Maho, T. Zorn, and G. W. Gabrielsen. 2001. Sleep changes during long-term fasting in the incubating female Common Eider Somateria mollissima. Ardea **89**:441-448.

Criscuolo, F., T. Raclot, Y. Le Maho, and G. W. Gabrielsen. 2003. Do T3 levels in incubating eiders reflect the cost of incubation among clutch sizes? Physiological and Biochemical Zoology **76**:196-203.

Crowell, S. E., A. M. Wells-Berlin, C. E. Carr, G. H. Olsen, R. E. Therrien, S. E. Yannuzzi, and D. R. Ketten. 2015. A comparison of auditory brainstem responses across diving bird species. Journal of Comparative Physiology a-Neuroethology Sensory Neural and Behavioral Physiology **201**:803-815.

Custer, C. M. and T. W. Custer. 1996. Food habits of diving ducks the in the Great Lakes after the zebra mussel invasion. Journal of Field Ornithology **67**:86-99.

Custer, C. M. and T. W. Custer. 2000. Organochlorine trace element contamination in wintering migrating diving ducks in the southern Great Lakes, USA, since the zebra mussel invasion. Environmental Toxicology and Chemistry **19**:2821-2829.

Custer, T. W., C. M. Custer, and R. K. Hines. 2002. Dioxins and congener-specific polychlorinated biphenyls in three avian species from the Wisconsin River, Wisconsin. Environmental Pollution **119**:323-332.

Dahl, T. M., S. Falk-Petersen, G. W. Gabrielsen, J. R. Sargent, H. Hop, and R. M. Millar. 2003. Lipids and stable isotopes in common eider, black-legged kittiwake and northern fulmar: A trophic study from an Arctic fjord. Marine Ecology Progress Series **256**:257-269.

Dahlberg, A. K., V. L. Chen, K. Larsson, A. Bergman, and L. Asplund. 2016. Hydroxylated and methoxylated polybrominated diphenyl ethers in long-tailed ducks (Clangula hyemalis) and their main food, Baltic blue mussels (Mytilus trossulus x Mytilus edulis). Chemosphere **144**:1475-1483.

Dahlberg, A. K., J. Norrgran, L. Hovander, A. Bergman, and L. Asplund. 2014. Recovery discrepancies of OH-PBDEs and polybromophenols in human plasma and cat serum versus herring and long-tailed duck plasma. Chemosphere **94**:97-103.

D'Alba, L., P. Monaghan, and R. Nager. 2006. The role of nest site and structure in incubation performance in the Common Eider. Journal of Ornithology **147**:153.

D'Alba, L., P. Monaghan, and R. G. Nager. 2009. Thermal benefits of nest shelter for incubating female eiders. Journal of Thermal Biology **34**:93-99.

D'Alba, L., P. Monaghan, and R. G. Nager. 2010. Advances in laying date and increasing population size suggest positive responses to climate change in Common Eiders Somateria mollissima in Iceland. Ibis **152**:19-28.

D'Alba, L., K. A. Spencer, R. G. Nager, and P. Monaghan. 2011. State dependent effects of elevated hormone: Nest site quality, corticosterone levels and reproductive performance in the common eider. General and Comparative Endocrinology **172**:218-224.

Dane, B., R. Harris, and J. M. Reed. 2013. Female Goldeneye Ducks (Bucephala clangula) Do Not Discriminate among Male Precopulatory Display Patterns. PLoS One **8**.

Danell, K. and K. Sjoberg. 1979. Abundance and Productivity of Ducks on Boreal Lakes in Northern Sweden. Annales Zoologici Fennici **16**:123-128.

Dankers, N. and D. R. Zuidema. 1995. The role of the mussel (Mytilus edulis L.) and mussel culture in the Dutch Wadden Sea. Estuaries **18**:71-80.

Dau, C. P. 1976. Capturing and Marking Spectacled Eiders in Alaska. Bird-Banding **47**:273.

Dau, C. P. 1976. Clutch Sizes of the Spectacled Eider on the Yukon Kuskokwim Delta Alaska USA. Wildfowl **27**:111-114.

Dau, C. P. 1978. Observations on Helminth Parasites of the Spectacled Eider Somateria-Fischeri in Alaska USA. Canadian Journal of Zoology **56**:1882-1885.

Dau, C. P., P. L. Flint, and M. R. Petersen. 2000. Distribution of recoveries of Steller's Eiders banded on the lower Alaska Peninsula, Alaska. Journal of Field Ornithology **71**:541-548.

Dau, C. P. and S. A. Kistchinski. 1977. Seasonal movements and distribution of the Spectacled Eider. Wildfowl **28**:65-75.

Davydenkol, I. 2006. A census of waterbirds on large fishponds in the northern Ukraine. Journal of Ornithology **147**:154.

Day, R. H. 2006. Seabirds in the northern Gulf of Alaska and adjacent waters, October to May. Western Birds **37**:190-214.

Day, R. H., S. M. Murphy, J. A. Wiens, G. D. Hayward, E. J. Harner, and L. N. Smith. 1997. Effects of the Exxon Valdez oil spill on habitat use by birds in Prince William Sound, Alaska. Ecological Applications **7**:593-613.

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., J. R. Rose, A. K. Prichard, and B. Streever. 2015. Effects of Gas Flaring on the Behavior of Night-Migrating Birds at an Artificial Oil-Production Island, Arctic Alaska. Arctic **68**:367-379.

De Faveri, A. and M. Zenatello. 1997. Wintering waterbirds in the province of Belluno: Years 1989-1996. Societa Veneziana di Scienze Naturali Lavori **22**:51-59.

De Jonge, V. N., K. Essink, and R. Boddeke. 1993. The Dutch Wadden Sea: A changed ecosystem. Hydrobiologia **265**:45-71.

De Korte, J., A. E. Volkov, and M. V. Gavrilo. 1995. Bird observations in Severnaya Zemlya, Siberia. Arctic **48**:222-234.

De la Cruz, S. E. W., J. M. Eadie, A. K. Miles, J. Yee, K. A. Spragens, E. C. Palm, and J. Y. Takekawa. 2014. Resource selection and space use by sea ducks during the non-breeding season: Implications for habitat conservation planning in urbanized estuaries. Biological Conservation **169**:68-78.

De la Cruz, S. E. W., J. Y. Takekawa, K. A. Spragens, J. Yee, R. T. Golightly, G. Massey, L. A. Henkel, R. S. Larsen, and M. Ziccardi. 2013. Post-release survival of surf scoters following an oil spill: An experimental approach to evaluating rehabilitation success. Marine Pollution Bulletin **67**:100-106.

De La Cruz, S. E. W., J. Y. Takekawa, M. T. Wilson, D. R. Nysewander, J. R. Evenson, D. Esler, W. S. Boyd, and D. H. Ward. 2009. Spring migration routes and chronology of surf scoters (Melanitta perspicillata): a synthesis of Pacific coast studies. Canadian Journal of Zoology **87**:1069-1086.

De Roever-Bonnet, H. 1971. Toxoplasma and Intestinal Parasites in Birds in the Netherlands. Journal of Parasitology **57**:41-42.

Decarie, R., F. Morneau, D. Lambert, S. Carriere, and J.-P. L. Savard. 1995. Habitat use by brood-rearing waterfowl in subarctic Quebec. Arctic **48**:383-390.

Deflorenne, P. and A. Derouaux. 2010. Status of Scoters Melanitta sp in the Belgian Entre-Sambre-et-Meuse. Aves **47**:129-138.

Degernes, L. A., P. S. Lynch, and H. L. Shivaprasad. 2011. Degenerative joint disease in captive waterfowl. Avian Pathology **40**:103-110.

Degraer, S., P. Meire, and M. Vincx. 2007. Spatial distribution, population dynamics and productivity of Spisula subtruncata: implications for Spisula fisheries in seaduck wintering areas. Marine Biology (Berlin) **152**:863-875.

Degraer, S., M. Vincx, P. Meire, and H. Offringa. 1999. The macrozoobenthos of an important wintering area of the common scoter (Melanitta nigra). Journal of the Marine Biological Association of the United Kingdom **79**:243-251.

DeJong, R. J., R. L. Reimink, and H. D. Blankespoor. 2001. Hematozoa of hatch-year common mergansers from Michigan. Journal of Wildlife Diseases **37**:403-407.

Delcourt, J. 2010. Predation behaviour of the Common Goosander Mergus merganser in low water levels. Aves **47**:201-212.

Denton, J. C., C. L. Roy, G. J. Soulliere, and B. A. Potter. 2012. Change in Density of Duck Nest Cavities at Forests in the North Central United States. Journal of Fish and Wildlife Management **3**:76-88.

Derksen, D. V., M. R. Petersen, and J.-P. L. Savard. 2015. Habitats of North American sea ducks. CRC Press, Boca Raton, FL.

Des Lauriers, J. R. and B. H. Brattstrom. 1965. Cooperative feeding behavior in red-breasted mergansers. Auk **82**:639.

Descamps, S., J. Bety, O. P. Love, and H. G. Gilchrist. 2011. Individual optimization of reproduction in a long-lived migratory bird: a test of the condition-dependent model of laying date and clutch size. Functional Ecology **25**:671-681.

Descamps, S., M. R. Forbes, H. G. Gilchrist, O. P. Love, and J. Bety. 2011. Avian cholera, post-hatching survival and selection on hatch characteristics in a long-lived bird, the common eider Somateria mollisima. Journal of Avian Biology **42**:39-48.

Descamps, S., S. Jenouvrier, H. G. Gilchrist, and M. R. Forbes. 2012. Avian Cholera, a Threat to the Viability of an Arctic Seabird Colony? PLoS One **7**.

Descamps, S., N. G. Yoccoz, J.-M. Gaillard, H. G. Gilchrist, K. E. Erikstad, S. A. Hanssen, B. Cazelles, M. R. Forbes, and J. Bety. 2010. Detecting population heterogeneity in effects of North Atlantic Oscillations on seabird body condition: get into the rhythm. Oikos **119**:1526-1536.

Desgranges, J. L. and M. Darveau. 1985. Effect of Lake Acidity and Morphometry on the Distribution of Aquatic Birds in Southern Quebec Canada. Holarctic Ecology **8**:181-190.

Desgranges, J. L. and M. Darveau. 1988. Visiting of Lakes in Southern Quebec Canada by Aquatic Birds During the Breeding Season. Naturaliste Canadien (Quebec) **115**:1-8.

Desgranges, J.-L. and C. Gagnon. 1994. Duckling response to changes in the trophic web of acidified lakes. Hydrobiologia **279-280**:207-221.

Desholm, M. 2003. How much do small-scale changes in flight direction increase overall migration distance? Journal of Avian Biology **34**:155-158.

Desholm, M., T. K. Christensen, G. Scheiffarth, M. Hario, A. Andersson, B. Ens, C. J. Camphuysen, L. Nilsson, C. M. Waltho, S. H. Lorentsen, A. Kuresoo, R. K. H. Kats, D. M. Fleet, and A. D. Fox. 2002. Status of the Baltic/Wadden Sea population of the Common Eider Somateria m. mollissima. Wildfowl **53**:167-203.

Dessborn, L., J. Elmberg, and G. Englund. 2011. Pike predation affects breeding success and habitat selection of ducks. Freshwater Biology **56**:579-589.

DeVink, E. M., S. M. Slattery, R. G. Clark, R. T. Alisauskas, and K. A. Hobson. 2011. COMBINING STABLE-ISOTOPE AND BODY-COMPOSITION ANALYSES TO ASSESS NUTRIENT-ALLOCATION STRATEGIES IN BREEDING WHITE-WINGED SCOTERS (MELANITTA FUSCA). Auk **128**:166-174.

DeVink, E.-M., S. M. Slattery, R. G. Clark, R. T. Alisauskas, and K. A. Hobson. 2011. Combining Stable-Isotope and Body-Composition Analyses to Assess Nutrient-Allocation Strategies in Breeding White-Winged Scoters (Melanitta Fusca). Auk **128**:166-174.

DeVink, J.-M. A., R. G. Clark, S. M. Slattery, and M. Wayland. 2008. Is selenium affecting body condition and reproduction in boreal breeding scaup, scoters, and ring-necked ducks? Environmental Pollution **152**:116-122.

DeVink, J.-M. A., H. G. Gilchrist, and A. W. Diamond. 2005. Effects of water salinity on growth and survival of common eider (Somateria mollissima) ducklings. Auk **122**:523-529.

Di Giulio, R. T. and P. F. Scanlon. 1984. Heavy Metals in Tissues of Waterfowl from the Chesapeake Bay USA. Environmental Pollution Series A Ecological and Biological **35**:29-48.

Di Labio, B., R. Pittaway, and P. Burke. 1997. Bill Colour and identification of female Barrow's Goldeneye. Ontario Birds **15**:81-85.

Dickinson, J. L. 2007. Decoding dumping ducks. Molecular Ecology **16**:2610-2612.

Dickson, D. L. 1997. King and Common eiders of the western Canadian Arctic. Occasional paper - Canadian Wildlife Service.

Dickson, D. L. 2012. Movement of King Eiders from Breeding Grounds on Banks Island, NWT, to Moulting and Wintering Areas. Canadian Wildlife Service.

Dickson, D. L. 2012. Seasonal movement of King Eiders breeding in western Arctic Canada and northern Alaska. Canadian Wildlife Service.

Dickson, D. L. 2012. Seasonal movement of Pacific Common Eiders breeding in Arctic Canada. Canadian Wildlife Service.

Dickson, D. L. and H. G. Gilchrist. 2002. Status of marine birds of the southeastern Beaufort Sea. Arctic **55**:46-58.

Dickson, D. L. and P. A. Smith. 2013. Habitat used by common and king eiders in spring in the southeast Beaufort Sea and overlap with resource exploration. Journal of Wildlife Management **77**:777-790.

Dickson, R. C. 1992. Feeding Groups of Common Scoters Containing Other Species. British Birds **85**:35-36.

Dickson, R. D., D. Ester, J. W. Hupp, E. M. Anderson, J. R. Evenson, and J. Barrett. 2012. Phenology and duration of remigial moult in Surf Scoters (Melanitta perspicillata) and White-winged Scoters (Melanitta fusca) on the Pacific coast of North America. Canadian Journal of Zoology-Revue Canadienne De Zoologie **90**:932-944.

Diemer, K. M., M. J. Conroy, S. H. Ferguson, D. D. W. Hauser, A. Grgicak-Mannion, and A. T. Fisk. 2011. Marine mammal and seabird summer distribution and abundance in the fjords of northeast Cumberland Sound of Baffin Island, Nunavut, Canada. Polar Biology **34**:41-48.

Dieval, H., J. F. Giroux, and J. P. L. Savard. 2011. Distribution of common eiders Somateria mollissima during the brood-rearing and moulting periods in the St. Lawrence Estuary, Canada. Wildlife Biology **17**:124-134.

Dionne, M. and J. J. Dodson. 2002. Impact of exposure to a simulated predator (Mergus merganser) on the activity of juvenile Atlantic salmon (Salmo salar) in a natural environment. Canadian Journal of Zoology **80**:2006-2013.

Dittberner, H. 1988. The Fitness of the Goosander Upon Leaving the Nesting Hole. Falke **35**:57-58.

Dittberner, H. and W. Dittberner. 1987. Imprinting of a Velvet Scoter Melanitta-Fusca to a Female Tufted Duck Aythya-Fuligula. Beitraege zur Vogelkunde **33**:122-123.

Divoky, G. J. and R. Suydam. 1995. An artificial nest site for arctic nesting common eiders. Journal of Field Ornithology **66**:270-276.

Donaldson, M. R., K. M. Henein, and M. W. Runtz. 2007. Assessing the effect of developed habitat on waterbird behaviour in an urban riparian system in Ottawa, Canada. Urban Ecosystems **10**:139-151.

Donehower, C. E. and D. M. Bird. 2008. Gull Predation and Breeding Success of Common Eiders on Stratton Island, Maine. Waterbirds **31**:454-462.

Donehower, C. E. and D. M. Bird. 2009. Nesting Habitat Use by Common Eiders on Stratton Island, Maine. Wilson Journal of Ornithology **121**:493-497.

Donnelly, W. A. and F. G. J. Whoriskey. 1991. Background-Color Acclimation of Brook Trout for Crypsis Reduces Risk of Predation by Hooded Mergansers Lophodytes-Cucullatus. North American Journal of Fisheries Management **11**:206-211.

Doty, H. A., F. B. Lee, A. D. Kruse, J. W. Matthews, J. R. Foster, and P. M. Arnold. 1984. Wood Duck Aix-Sponsa and Hooded Merganser Lophodytes-Cucullatus Nesting on Arrowwood National Wildlife Refuge North-Dakota USA. Journal of Wildlife Management **48**:577-580.

Dove, C. J. and A. Agreda. 2007. Differences in plumulaceous feather characters of dabbling and diving ducks. Condor **109**:192-199.

Drever, M. C., R. G. Clark, C. Derksen, S. M. Slattery, P. Toose, and T. D. Nudds. 2012. Population vulnerability to climate change linked to timing of breeding in boreal ducks. Global Change Biology **18**:480-492.

Dugger, B. D., Katie M. Dugger and Leigh H. Fredrickson. 2009. Hooded Merganser (Lophodytes cucullatus). The Birds of North America.

Dugger, B. D., L. C. Bollmann, and L. H. Fredrickson. 1999. Response of female hooded mergansers to eggs of an interspecific brood parasite. Auk **116**:269-273.

Dugger, K. M., B. D. Dugger, and L. H. Fredrickson. 1999. Annual survival rates of female Hooded Mergansers and Wood Ducks in southeastern Missouri. Wilson Bulletin **111**:1-6.

Dumas, J. V. and J. D. Witman. 1993. PREDATION BY HERRING-GULLS (LARUS-ARGENTATUS COUES) ON 2 ROCKY INTERTIDAL CRAB SPECIES CARCINUS-MAENAS (L) AND CANCER-IRRORATUS SAY. Journal of Experimental Marine Biology and Ecology **169**:89-101.

DuRant, S. E., W. A. Hopkins, G. R. Hepp, and L. M. Romero. 2013. Energetic constraints and parental care: Is corticosterone indicative of energetic costs of incubation in a precocial bird? Hormones and Behavior **63**:385-391.

Durinck, J., K. D. Christensen, H. Skov, and F. Danielsen. 1993. Diet of the common scoter Melanitta nigra and velvet scoter Melanitta fusca wintering in the North Sea. Ornis Fennica **70**:215-218.

Durinck, J. and K. Falk. 1996. The distribution and abundance of seabirds off southwestern Greenland in autumn and winter 1988-1989. Polar Research **15**:23-42.

Duwors, M. R., C. S. Houston, and P. W. Brown. 1984. Survival of the Common Goldeneye Banded at Emma Lake Saskatchewan Canada. Journal of Field Ornithology **55**:382-383.

Dziala-Szczepanczyk, E. 2003. Morphometry of gut in long-tailed duck Clangula hyemalis wintering in the Polish Baltic coast. Vogelwarte **42**:45.

Dziala-Szczepanczyk, E. 2004. Morphometric characteristic of oesophagus and intestine in Black Scoter, Melanitta nigra (Anseriformes), wintering in the Polish Baltic coast. Vestnik Zoologii **38**:31-37.

Dziala-Szczepanczyk, E. 2007. Morphometric characteristic of glandular stomach and gizzard of the common scoter Melanitia nigra (aves, laridae) wintering on the polish baltic coast. Vestnik Zoologii **41**:257-265.

Dziala-Szczepanczyk, E. and E. Kalisinska. 2005. Morphometric characteristics of the caecum of long-tailed duck Clangula hyemalis wintering on the Polish Baltic coast. Alauda **73**:290-291.

Eadie, J. M., Mark L. Mallory and H. G. Lumsden. 1995. Common Goldeneye (Bucephala clangula). The Birds of North America.

Eadie, J. M., Jean-Pierre L. Savard and Mark L. Mallory. 2000. Barrow's Goldeneye (Bucephala islandica). The Birds of North America.

Eadie, J. M. and J. M. Fryxell. 1992. Density dependence, frequency dependence, and alternative nesting strategies in goldeneyes. American Naturalist **140**:621-641.

Eadie, J. M. and G. Gauthier. 1985. Prospecting for Nest Sites by Cavity-Nesting Ducks of the Genus Bucephala. Condor **87**:528-534.

Eadie, J. M. and B. E. Lyon. 1998. Cooperation, conflict, and Creching behavior in goldeneye ducks. American Naturalist **15**:397-408.

Eadie, J. M. and B. E. Lyon. 2011. The relative role of relatives in conspecific brood parasitism. Molecular Ecology **20**:5114-5118.

Eadie, J. M., M. L. Mallory, and H. G. Lumsden. 1995. Common goldeneye. Birds of North America **0**:1-32.

Eadie, J. M., J.-P. L. Savard, and M. L. Mallory. 2000. Barrow's goldeneye: Bucephala islandica. Birds of North America:1-32.

Eadie, J. M., J. N. M. Smith, D. Zadworny, U. Kuehnlein, and K. Cheng. 2010. Probing parentage in parasitic birds: an evaluation of methods to detect conspecific brood parasitism using goldeneyes Bucephala islandica and Bl. clangula as a test case. Journal of Avian Biology **41**:163-176.

Eadie, J. M. a. J.-P. L. S. 2015. Breeding systems, spacing behavior, and reproductive behavior of sea ducks. CRC Press, Boca Raton, FL.

Eagles-Smith, C. A., J. T. Ackerman, S. E. W. De La Cruz, and J. Y. Takekawa. 2009. Mercury bioaccumulation and risk to three waterbird foraging guilds is influenced by foraging ecology and breeding stage. Environmental Pollution **157**:1993-2002.

Edkins, E. and I. A. Hansen. 1976. Wax Esters Secreted by the Uropygial Glands of Some Anseriformes. Comparative Biochemistry and Physiology B **53**:93-95.

Einarsson, A. 1985. The Bottom of Lake Myvatn Iceland Past Present and Future. Natturufraedingurinn **55**:153-173.

Einarsson, A. 1988. Distribution and Movements of Barrow's Goldeneye Bucephala-Islandica Young in Relation to Food. Ibis **130**:153-163.

Einarsson, A. 1990. Settlement into Breeding Habitats by Barrow's Goldeneyes Bucephala-Islandica Evidence for Temporary Oversaturation of Preferred Habitat. Ornis Scandinavica **21**:7-16.

Einarsson, A. and A. Gardarsson. 2004. Moulting diving ducks and their food supply. Aquatic Ecology **38**:297-307.

Einarsson, A., A. Gardarsson, G. M. Gislason, and G. Gudbergsson. 2006. Populations of ducks and trout of the River Laxa, Iceland, in relation to variation in food resources. Hydrobiologia **567**:183-194.

Ekroos, J., A. D. Fox, T. K. Christensen, I. K. Petersen, M. Kilpi, J. E. Jonsson, M. Green, K. Laursen, A. Cervencl, P. de Boer, L. Nilsson, W. Meissner, S. Garthe, and M. Ost. 2012. Declines amongst breeding Eider Somateria mollissima numbers in the Baltic/Wadden Sea flyway. Ornis Fennica **89**:81-90.

Ekroos, J., M. Ost, P. Karell, K. Jaatinen, and M. Kilpi. 2012. Philopatric predisposition to predation-induced ecological traps: habitat-dependent mortality of breeding eiders. Oecologia **170**:979-986.

Elkins, N. and B. M. Lynch. 1997. Waterfowl counts on the Tay Estuary, 1985-1995. Scottish Birds **19**:36-54.

Elliott, J. E., M. L. Harris, L. K. Wilson, B. D. Smith, S. P. Batchelor, and J. Maguire. 2007. Butyltins, trace metals and morphological variables in surf scoter (Melanitta perspicillata) wintering on the south coast of British Columbia, Canada. Environmental Pollution **149**:114-124.

Elliott, J. E. and P. A. Martin. 1998. Chlorinated hydrocarbon contaminants in grebes and seaducks wintering on the coast of British Columbia, Canada: 1988-1993. Environmental Monitoring and Assessment **53**:337-362.

Ellis, D. V. and J. Evans. 1960. Comments on the distribution and migration of birds in Foxe Basin, Northwest Territories. Canadian Field Nat **74**:59-70.

Ellis, J. C., W. Chen, B. O'Keefe, M. J. Shulman, and J. D. Witman. 2005. Predation by gulls on crabs in rocky intertidal and shallow subtidal zones of the Gulf of Maine. Journal of Experimental Marine Biology and Ecology **324**:31-43.

Ellis, J. C., M. J. Shulman, M. Wood, J. D. Witman, and S. Lozyniak. 2007. Regulation of intertidal food webs by avian predators on New England rocky shores. Ecology **88**:853-863.

Ellsworth, A., C. L. Buck, S. Atkinson, and T. Hollmen. 2014. Longitudinal monitoring of sex steroid hormones in excrement of spectacled eiders (Somateria fischeri). General and Comparative Endocrinology **198**:59-65.

Elmberg, J., L. Dessborn, and G. Englund. 2010. Presence of fish affects lake use and breeding success in ducks. Hydrobiologia **641**:215-223.

Elmberg, J. and H. Poysa. 2011. Is the risk of nest predation heterospecifically density-dependent in precocial species belonging to different nesting guilds? Canadian Journal of Zoology-Revue Canadienne De Zoologie **89**:1164-1171.

Ely, C. R., J. S. Hall, J. A. Schmutz, J. M. Pearce, J. Terenzi, J. S. Sedinger, and H. S. Ip. 2013. Evidence that Life History Characteristics of Wild Birds Influence Infection and Exposure to Influenza A Viruses. PLoS One **8**.

Englert, J. and B. H. Seghers. 1983. Predation by Fish and Common Mergansers on Darters Pisces Percidae in the Thames River Watershed of Southwestern Ontario Canada. Canadian Field-Naturalist **97**:218-219.

English, M. D., G. J. Robertson, S. Avery-Gomm, D. Pine-Hay, S. Roul, P. C. Ryan, S. I. Wilhelm, and M. L. Mallory. 2015. Plastic and metal ingestion in three species of coastal waterfowl wintering in Atlantic Canada. Marine Pollution Bulletin **98**:349-353.

Epners, C. A., S. E. Bayley, J. E. Thompson, and W. M. Tonn. 2010. Influence of fish assemblage and shallow lake productivity on waterfowl communities in the Boreal Transition Zone of western Canada. Freshwater Biology **55**:2265-2280.

Erickson, R. C. 1963. Oil pollution and migratory birds. Atlantic Nat **81**:4-14.

Eriksson, K. and J. Niittyla. 1985. Breeding Performance of the Goosander Mergus-Merganser in the Archipelago of the Gulf of Finland. Ornis Fennica **62**:153-157.

Eriksson, M. O. G. 1979. Competition between Fresh Water Fish and Goldeneyes Bucephala-Clangula for Common Prey. Oecologia (Berlin) **41**:99-108.

Eriksson, M. O. G. 1984. Acidification of Lakes Effects on Waterbirds in Sweden. Ambio **13**:260-262.

Erikstad, K. E., T. Anker-Nilssen, M. Asheim, R. T. Barrett, J. O. Bustnes, K. O. Jacobsen, I. Johnsen, B. E. Saether, and T. Tveraa. 1994. Parental investment and adult survival in Norwegian seabirds. NINA (Norsk Institutt for Naturforskning) Forskningsrapport **0**:1-25.

Erikstad, K. E. and J. O. Bustnes. 1994. Clutch size determination in common eiders: An egg removal and egg addition experiment. Journal of Avian Biology **25**:215-218.

Erikstad, K. E., J. O. Bustnes, and T. Moum. 1994. Clutch-size determination in precocial birds: A study of the common eider. Auk **110**:623-628.

Erikstad, K. E. and T. Tveraa. 1995. Does the cost of incubation set limits to clutch size in common eiders Somateria mollissima? Oecologia (Berlin) **103**:270-274.

Erikstad, K. E., T. Tveraa, and J. O. Bustnes. 1998. Significance in intraclutch egg-size variation in Common Eider: The role of egg size and quality of ducklings. Journal of Avian Biology **29**:3-9.

Erskine, A. J. 1959. A joint clutch of Barrow's goldeneye and bufflehead eggs. Canadian Field Nat **73**:131.

Erskine, A. J. 1960. Further notes on interspecific competition among hole-nesting ducks. Canadian Field Nat **74**:161-162.

Erskine, A. J. 1961. Nest-site tenacity and homing in the bufflehead. Auk **78**:389-396.

Erskine, A. J. 1964. Nest-site competition between bufflehead Bucephala-albeola , mountain bluebird Sialia-currucoides and tree swallow lridoprocne-bicolorl. Can Field Natur **78**:202-203.

Erskine, A. J. 1971. Growth and Annual Cycles in Weights Plumages and Reproductive Organs of Goosanders in Eastern Canada. Ibis **113**:42-58.

Erskine, A. J. 1971. Parental Carrying of Young by Goosanders. Wildfowl **22**:60.

Erskine, A. J. 1978. Durability of Tree Holes Used by Buffleheads. Canadian Field-Naturalist **92**:94-95.

Erskine, A. J. 1990. Joint Laying in Bucephala Ducks Parasitism or Nest-Site Competition. Ornis Scandinavica **21**:52-56.

Erskine, A. J. and A. D. Smith. 1987. Status and Movements of Common Eiders in the Maritime Provinces Canada. Pages 20-29 Reed, A. (Ed.). Canadian Wildlife Service Report Series, No. 47. Eider Ducks in Canada. V+177p. Canadian Wildlife Service: Ste-Foy, Quebec, Canada. Illus. Maps. Paper.

Erwin, R. M., D. R. Cahoon, D. J. Prosser, G. M. Sanders, and P. Hensel. 2006. Surface elevation dynamics in vegetated Spartina marshes versus unvegetated tidal ponds along the mid-Atlantic coast, USA, with implications to waterbirds. Estuaries and Coasts **29**:96-106.

Erwin, R. M., G. M. Sanders, D. J. Prosser, and D. R. Cahoon. 2006. High tides and rising seas: Potential effects on estuarine waterbirds. Studies in Avian Biology:214-228.

Esler, D., P. L. Flint, D. V. Derksen, J.-P. L. Savard, and J. M. Eadie. 2015. Conclusions, synthesis, and future directions: Understanding sources of population change. CRC Press, Boca Raton, FL.

Esler, D., B. E. Ballachey, K. A. Trust, S. A. Iverson, J. A. Reed, A. K. Miles, J. D. Henderson, B. R. Woodin, J. J. Stegeman, M. McAdie, D. M. Mulcahy, and B. W. Wilson. 2011. Cytochrome P4501A biomarker indication of the timeline of chronic exposure of Barrow's goldeneyes to residual Exxon Valdez oil. Marine Pollution Bulletin **62**:609-614.

Esler, D. and J. C. Bond. 2010. Cross-seasonal dynamics in body mass of male Harlequin Ducks: a strategy for meeting costs of reproduction. Canadian Journal of Zoology **88**:224-230.

Esler, D., T. D. Bowman, T. A. Dean, C. E. O'Clair, S. C. Jewett, and L. L. McDonald. 2000. Correlates of Harlequin Duck densities during winter in Prince William Sound, Alaska. Condor **102**:920-926.

Esler, D., T. D. Bowman, C. E. O'Clair, T. A. Dean, and L. L. McDonald. 2000. Densities of Barrow's Goldeneyes during winter in Prince William Sound, Alaska in relation to habitat, food and history of oil contamination. Waterbirds **23**:423-429.

Esler, D., T. D. Bowman, K. A. Trust, B. E. Ballachey, T. A. Dean, S. C. Jewett, and C. E. O'Clair. 2002. Harlequin duck population recovery following the 'Exxon Valdez' oil spill: Progress, process and constraints. Marine Ecology Progress Series **241**:271-286.

Esler, D. and S. A. Iverson. 2010. Female Harlequin Duck Winter Survival 11 to 14 Years After the Exxon Valdez Oil Spill. Journal of Wildlife Management **74**:471-478.

Esler, D., S. A. Iverson, and D. J. Rizzolo. 2006. Genetic and demographic criteria for defining population units for conservation: The value of clear messages. Condor **108**:480-483.

Esler, D., D. M. Mulcahy, and R. L. Jarvis. 2000. Testing assumptions for unbiased estimation of survival of radiomarked harlequin ducks. Journal of Wildlife Management **64**:591-598.

Esler, D., J. A. Schmutz, R. L. Jarvis, and D. M. Mulcahy. 2000. Winter survival of adult female harlequin ducks in relation to history of contamination by the Exxon Valdez oil spill. Journal of Wildlife Management **64**:839-847.

Esler, D., K. A. Trust, B. E. Ballachey, S. A. Iverson, T. L. Lewis, D. J. Rizzolo, D. M. Mulcahy, A. K. Miles, B. R. Woodin, J. J. Stegeman, J. D. Henderson, and B. W. Wilson. 2010. Cytochrome P4501a Biomarker Indication of Oil Exposure in Harlequin Ducks up to 20 Years after the Exxon Valdez Oil Spill. Environmental Toxicology and Chemistry **29**:1138-1145.

Ethier, A. L. M., B. M. Braune, A. M. Scheuhammer, and D. E. Bond. 2007. Comparison of lead residues among avian bones. Environmental Pollution **145**:915-919.

Evans, D. M. and K. R. Day. 2001. Does shooting disturbance affect diving ducks wintering on large shallow lakes? A case study on Lough Neagh, Northern Ireland. Biological Conservation **98**:315-323.

Evans, D. M. and K. R. Day. 2001. Migration patterns and sex ratios of diving ducks wintering in Northern Ireland with specific reference to Lough Neagh. Ringing and Migration **20**:358-363.

Evans, D. M. and K. R. Day. 2002. Hunting disturbance on a large shallow lake: The effectiveness of waterfowl refuges. Ibis **144**:2-8.

Evans, M. R., D. B. Lank, W. S. Boyd, and F. Cooke. 2002. A comparison of the characteristics and fate of Barrow's Goldeneye and Bufflehead nests in nest boxes and natural cavities. Condor **104**:610-619.

Evans, R. J. 1998. Numbers of wintering seaducks, divers and grebes in the Moray Firth, 1977-1995. Scottish Birds **19**:206-222.

Evans, R. M. 1970. Oldsquaws Nesting in Association with Arctic Terns at Churchill Manitoba. Wilson Bulletin **82**:383-390.

Evenset, A., I. G. Hallanger, M. Tessmann, N. Warner, A. Ruus, K. Borga, G. W. Gabrielsen, G. Christensen, and P. E. Renaud. 2016. Seasonal variation in accumulation of persistent organic pollutants in an Arctic marine benthic food web. Science of the Total Environment **542**:108-120.

Ewart, M. J. and J. D. McLaughlin. 1990. Helminths from Spring and Fall Migrant Bufflehead Ducks Bucephala-Albeola at Delta Manitoba Canada. Canadian Journal of Zoology **68**:2230-2233.

Ewart, M. J. and J. D. McLaughlin. 1990. Retinometra-Albeolae New-Species Cestoda Hymenolepididae from the Bufflehead Duck Bucephala-Albeola L. Canadian Journal of Zoology **68**:1086-1089.

Falandysz, J. 1986. Organochlorine Compounds in Tissues of Golden Eye Velvet Scoter Eider and Coot Wintering in Gdansk Bay Poland 1975-1976. Bromatologia i Chemia Toksykologiczna **19**:55-60.

Falandysz, J. and P. Szefer. 1982. Chlorinated Hydro Carbons in Diving Ducks Wintering in Gdansk Bay Baltic Sea. Science of the Total Environment:119-128.

Falandysz, J., S. Taniyasu, N. Yamashita, P. Rostkowski, K. Zalewski, and K. Kannan. 2007. Perfluorinated compounds in some terrestrial and aquatic wildlife species from Poland. Journal of Environmental Science and Health Part A Toxic-Hazardous Substances & Environmental Engineering **42**:715-719.

Falk, K., F. Merkel, K. Kampp, and S. E. Jamieson. 2006. Embedded lead shot and infliction rates in common eiders Somateria mollissima and king eiders S. spectabilis wintering in southwest Greenland. Wildlife Biology **12**:257-265.

Fast, P. L. F., M. Fast, A. Mosbech, C. Sonne, H. G. Gilchrist, and S. Descamps. 2011. Effects of Implanted Satellite Transmitters on Behavior and Survival of Female Common Eiders. Journal of Wildlife Management **75**:1553-1557.

Fast, P. L. F., H. G. Gilchrist, and R. G. Clark. 2007. Experimental evaluation of nest shelter effects on weight loss in incubating common eiders Somateria mollissima. Journal of Avian Biology **38**:205-213.

Fast, P. L. F., H. G. Gilchrist, and R. G. Clark. 2010. Nest-site materials affect nest-bowl use by Common Eiders (Somateria mollissima). Canadian Journal of Zoology **88**:214-218.

Federer, R. N., T. E. Hollmen, D. Esler, and M. J. Wooller. 2012. STABLE CARBON AND NITROGEN ISOTOPE DISCRIMINATION FACTORS FOR QUANTIFYING SPECTACLED EIDER NUTRIENT ALLOCATION TO EGG PRODUCTION. Condor **114**:726-732.

Federer, R. N., T. E. Hollmen, D. Esler, M. J. Wooller, and S. W. Wang. 2010. Stable carbon and nitrogen isotope discrimination factors from diet to blood plasma, cellular blood, feathers, and adipose tissue fatty acids in Spectacled Eiders (Somateria fischeri). Canadian Journal of Zoology **88**:866-874.

Feltham, M. J. 1990. The Diet of Red-Breasted Mergansers Mergus-Serrator During the Smolt Run in Northeast Scotland Uk the Importance of Salmon Salmo-Salar Smolts and Parr. Journal of Zoology (London) **222**:285-292.

Feltham, M. J. 1995. Consumption of Atlantic salmon smolts and parr by goosanders: Estimates from doubly-labelled water measurements of captive birds released on two Scottish rivers. Journal of Fish Biology **46**:273-281.

Feltham, M. J. 1995. Predation of Atlantic salmon, Salmo salar L., smolts and parr by red-breasted mergansers, Mergus serrator L., on two Scottish rivers. Fisheries Management and Ecology **2**:289-298.

Feltham, M. J. and J. C. MacLean. 1996. Carlin tag recoveries as an indicator of predation on salmon smolts by goosanders and red-breasted mergansers. Journal of Fish Biology **48**:270-282.

Fendley, T. T. 1980. Incubating Wood Duck Aix-Sponsa and Hooded Merganser Mergus-Cucullatus Hens Killed by Black Rat Snakes Elaphe-Obsoleta. Wilson Bulletin **94**:526-527.

Fenstad, A. A., B. M. Jenssen, K. M. Gabrielsen, M. Ouml;st, K. Jaatinen, J. O. Bustnes, S. A. Hanssen, B. Moe, D. Herzke, and A. Krokje. 2016. PERSISTENT ORGANIC POLLUTANT LEVELS AND THE IMPORTANCE OF SOURCE PROXIMITY IN BALTIC AND SVALBARD BREEDING COMMON EIDERS. Environmental Toxicology and Chemistry **35**:1526-1533.

Fenstad, A. A., B. M. Jenssen, B. Moe, S. A. Hanssen, C. Bingham, D. Herzke, J. O. Bustnes, and A. Krokje. 2014. DNA double-strand breaks in relation to persistent organic pollutants in a fasting seabird. Ecotoxicology and Environmental Safety **106**:68-75.

Fenstad, A. A., B. M. Jenssen, B. Moe, S. A. Hanssen, C. Bingham, D. Herzke, J. O. Bustnes, and A. Krokje. 2014. DNA Double-Strand Breaks In Relation To Persistent Organic Pollutants In Fasting Common Eiders (Somateria Molissima). Mutagenesis **29**:539-539.

Fenstad, A. A., A. J. Moody, M. Ost, K. Jaatinen, J. O. Bustnes, B. Moe, S. A. Hanssen, K. M. Gabrielsen, D. Herzke, S. Lierhagen, B. M. Jenssen, and A. Krokje. 2016. Antioxidant Responses in Relation to Persistent Organic Pollutants and Metals in a Low- and a High-Exposure Population of Seabirds. Environmental Science & Technology **50**:4817-4825.

Ferguson, A. 1971. Notes on the Breeding of the Common Scoter Melanitta-Nigra in Ireland. Irish Naturalists' Journal **17**:29-31.

Figarski, T. and L. Kajtoch. 2015. Alterations of riverine ecosystems adversely affect bird assemblages. Hydrobiologia **744**:287-296.

Finley, J. K. 2007. Offshore Flight of Buffleheads, Bucephala albeola, After Twilight in Winter: An Anti-Predation Tactic? Canadian Field-Naturalist **121**:375-378.

Finley, J. K. 2007. The Punctual Bufflehead, Bucephala albeola: Autumn Arrivals in Shoal Harbour Sanctuary, Vancouver Island, in Relation to Freeze-up. Canadian Field-Naturalist **121**:370-374.

Fischer, J. B. and C. R. Griffin. 2000. Feeding behavior and food habits of wintering Harlequin Ducks at Shemya Island, Alaska. Wilson Bulletin **112**:318-325.

Fischer, J. B. and W. W. Larned. 2004. Summer distribution of marine birds in the Western Beaufort Sea. Arctic **57**:143-159.

Fishman, D. J., S. R. Craik, D. Zadworny, and R. D. Titman. 2011. Spatial-genetic structuring in a red-breasted merganser (Mergus serrator) colony in the Canadian Maritimes. Ecology and Evolution **1**:107-118.

Fisk, A. T., C. A. de Wit, M. Wayland, Z. Z. Kuzyk, N. Burgess, R. Letcher, B. Braune, R. Norstrom, S. P. Blum, C. Sandau, E. Lie, H. J. S. Larsen, J. U. Skaare, and D. C. G. Muir. 2005. An assessment of the toxicological significance of anthropogenic contaminants in Canadian arctic wildlife. Science of the Total Environment **351**:57-93.

Fitzgerald, G., S. Brodeur, and M. Robert. 2001. Abdominal implantation of transmitters in Harlequin Ducks (Histrionicus histrionicus) and Barrow's Goldeneyes (Bucephala islandica). Medecin Veterinaire du Quebec **31**:39-43.

Fitzgerald, G. R. 1991. Pleistocene Ducks of the Old Crow Basin Yukon Territory Canada. Canadian Journal of Earth Sciences **28**:1561-1571.

Fitzner, R. E. and R. H. Gray. 1994. Winter diet and weights of Barrow's and common goldeneye in southcentral Washington. Northwest Science **68**:172-177.

Fjeld, P. E. and V. Bakken. 1993. Vulnerability and conservational value analysis for seabirds in connection with drilling for oil and gas in the northern Barents sea: Suggestion for additional studies. Norsk Polarinstitutt Meddelelser **0**:1-67.

Fjeldsa, J. 1975. Recent Changes in Waterfowl Situation in the Lakes Myvatn and Vikingavatn Iceland. Dansk Ornitologisk Forenings Tidsskrift **69**:89-102.

Fleet, D. M. 2006. A review of beached bird surveys within the Wadden sea trilateral monitoring and assessment program. Marine Ornithology **34**:129-132.

Flint, P. L. 2013. Changes in size and trends of North American sea duck populations associated with North Pacific oceanic regime shifts. Marine Biology **160**:59-65.

Flint, P. L. 2015. Population Dynamics of Sea Ducks. CRC Press, Boca Raton, FL.

Flint, P. L., A. C. Fowler, and R. F. Rockwell. 1999. Modeling bird mortality associated with the M/V Citrus oil spill off St. Paul Island, Alaska. Ecological Modelling **117**:261-267.

Flint, P. L. and J. B. Grand. 1997. Survival of spectacled eider adult females and ducklings during brood rearing. Journal of Wildlife Management **61**:217-221.

Flint, P. L. and J. B. Grand. 1999. Incubation behavior of Spectacled Eiders on the Yukon-Kuskokwim Delta, Alaska. Condor **101**:413-416.

Flint, P. L., J. B. Grand, J. A. Morse, and T. F. Fondell. 2000. Late summer survival of adult female and juvenile Spectacled Eiders on the Yukon-Kuskokwim Delta, Alaska. Waterbirds **23**:292-297.

Flint, P. L. and M. P. Herzog. 1999. Breeding of Steller's Eiders, Polysticta stelleri, on the Yukon-Kuskokwim Delta, Alaska. Canadian Field-Naturalist **113**:306-308.

Flint, P. L., D. L. Lacroix, J. A. Reed, and R. B. Lanctot. 2004. Movements of flightless long-tailed Ducks during wing molt. Waterbirds **27**:35-40.

Flint, P. L., C. L. Moran, and J. L. Schamber. 1999. Survival of Common Eider Somateria mollissima adult females and ducklings during brood rearing. Wildfowl **49**:103-109.

Flint, P. L., J. A. Morse, J. B. Grand, and C. L. Moran. 2006. Correlated growth and survival of juvenile Spectacled Eiders: Evidence of habitat limitation? Condor **108**:901-911.

Flint, P. L., M. R. Petersen, C. P. Dau, J. E. Hines, and J. D. Nichols. 2000. Annual survival and site fidelity of Steller's eiders molting along the Alaska Peninsula. Journal of Wildlife Management **64**:261-268.

Flint, P. L., M. R. Petersen, and J. B. Grand. 1997. Exposure of Spectacled Eiders and other diving ducks to lead in western Alaska. Canadian Journal of Zoology **75**:439-443.

Flint, P. L., J. L. Schamber, K. A. Trust, A. K. Miles, J. D. Henderson, and B. W. Wilson. 2012. Chronic hydrocarbon exposure of harlequin ducks in areas affected by the Selendang Ayu oil spill at Unalaska Island, Alaska. Environmental Toxicology and Chemistry **31**:2828-2831.

Flint, V. E. 1955. A contribution to the biology of the common eider. Biull Moskovskovo Obshchestva Ispytatelei Prirody Biol **60**:53-62.

Foley, R. E. 1992. Organochlorine Residues in New York Waterfowl Harvested by Hunters in 1983-1984. Environmental Monitoring and Assessment **21**:37-48.

Foley, R. E. and G. R. Batcheller. 1988. Organochlorine Contaminants in Common Goldeneye Wintering on the Niagara River New York USA. Journal of Wildlife Management **52**:441-445.

Forbes, G., K. Robertson, C. Ogilvie, and L. Seddon. 1992. Breeding densities, biogeography, and nest depredation of birds on Igloolik Island, Northwest Territories. Arctic **45**:295-303.

Foreman, L. D. 1979. Flock Size and Density of Common Mergansers Mergus-Merganser in Northwestern California USA. California Fish and Game **65**:124-127.

Found, C., S. M. Webb, and M. S. Boyce. 2008. Selection of lake habitats by waterbirds in the boreal transition zone of northeastern Alberta. Canadian Journal of Zoology **86**:277-285.

Fouque, C., M. Guillemain, and V. Schricke. 2009. Trends in the numbers of Coot Fulica atra and wildfowl Anatidae wintering in France, and their relationship with hunting activity at wetland sites. Wildfowl:42-59.

Fournier, M. A. and R. G. Bromley. 1996. Status of the Harlequin Duck, Histrionicus histrionicus, in the western Northwest Territories. Canadian Field-Naturalist **110**:638-641.

Fournier, M. A. and J. E. Hines. 1994. Effects of starvation on muscle and organ mass of King Eiders Somateria spectabilis and the ecological and management implications. Wildfowl **45**:188-197.

Fournier, M. A. and J. E. Hines. 1996. Changed status of the Hooded Merganser, Lophodytes cucullatus, in the Yellowknife area, Northwest Territories. Canadian Field-Naturalist **110**:713-714.

Fowler, A. C. and P. L. Flint. 1997. Persistence rates and detection probabilities of oiled king eider carcasses on St. Paul Island, Alaska. Marine Pollution Bulletin **34**:522-526.

Fox, A. D. 2003. Diet and habitat use of scoters Melanitta in the Western Palearctic - a brief overview. Wildfowl **54**:163-182.

Fox, A. D. and M. C. Bell. 1994. Breeding bird communities and environmental variable correlates of Scottish peatland wetlands. Hydrobiologia **279-280**:297-307.

Fox, A. D., P. Hartmann, and I. K. Petersen. 2008. Changes in body mass and organ size during remigial moult in common scoter Melanitta nigra. Journal of Avian Biology **39**:35-40.

Fox, A. D., N. Jarrett, H. Gitay, and D. Paynter. 1989. Late Summer Habitat Selection by Breeding Waterfowl in Northern Scotland Uk. Wildfowl:106-114.

Fox, A. D., J. E. Jonsson, T. Aarvak, T. Bregnballe, T. K. Christensen, K. K. Clausen, P. Clausen, L. Dalby, T. E. Holm, D. Pavon-Jordan, K. Laursen, A. Lehikoinen, S. H. Lorentsen, A. P. Moller, M. Nordstrom, M. Ouml;st, P. Soderquist, and O. R. Therkildsen. 2015. Current and potential threats to Nordic duck populations - a horizon scanning exercise. Annales Zoologici Fennici **52**:193-220.

Fox, A. D. and C. Mitchell. 1997. Rafting behaviour and predator disturbance to Steller Eiders Polysticta stelleri in northern Norway. Journal fuer Ornithologie **138**:103-109.

Fox, A. D., C. Mitchell, G. Henriksen, E. Lund, and B. Frantzen. 1998. The conservation of Steller's Eider Polysticta stelleri in Varangerfjord, Finnmark, Norway. Wildfowl **48**:156-165.

Frank, A. 1986. In Search of Biomonitors for Cadmium Cadmium Content of Wild Swedish Fauna During 1973-1976. Science of the Total Environment **57**:57-66.

Frank, A. 1986. Lead Fragments in Tissues from Wild Birds a Cause of Misleading Analytical Results. Science of the Total Environment **54**:275-282.

Franson, J. C. 2015. Contaminants in Sea Ducks: Metals, Trace Elements, Petroleum, Organic Pollutants, and Radiation. CRC Press, Boca Raton, FL.

Franson, J. C. and D. V. Derksen. 1981. Renal Coccidiosis in Oldsquaws Clangula-Hyemalis from Alaska USA. Journal of Wildlife Diseases **17**:237-240.

Franson, J. C., D. J. Hoffman, and P. L. Flint. 2011. Selenium Concentrations and Enzyme Activities of Glutathione Metabolism in Wild Long-Tailed Ducks and Common Eiders. Environmental Toxicology and Chemistry **30**:1479-1481.

Franson, J. C., D. J. Hoffman, A. Wells-Berlin, M. C. Perry, V. Shearn-Bochsler, D. L. Finley, P. L. Flint, and T. Hollmen. 2007. Effects of dietary selenium on tissue concentrations, pathology, oxidative stress, and immune function in common eiders (Somateria mollissima). Journal of Toxicology and Environmental Health Part A **70**:861-874.

Franson, J. C., T. Hollmen, M. Hario, M. Kilpi, and D. L. Finley. 2002. Lead and delta-aminolevulinic acid dehydratase in blood of Common Eiders (Somateria mollissima) from the Finnish archipelago. Ornis Fennica **79**:87-91.

Franson, J. C., T. Hollmen, R. H. Poppenga, M. Hario, and M. Kilpi. 2000. Metals and trace elements in tissues of Common Eiders (Somateria mollissima) from the Finnish archipelago. Ornis Fennica **77**:57-63.

Franson, J. C., T. Hollmen, R. H. Poppenga, M. Hario, M. Kilpi, and M. R. Smith. 2000. Selected trace elements and organochlorines: Some findings in blood and eggs of nesting common eiders (Somateria mollissima) from Finland. Environmental Toxicology and Chemistry **19**:1340-1347.

Franson, J. C., T. E. Hollmen, P. L. Flint, J. B. Grand, and R. B. Lanctot. 2004. Contaminants in molting long-tailed ducks and nesting common eiders in the Beaufort Sea. Marine Pollution Bulletin **48**:504-513.

Franson, J. C., P. S. Koehl, D. V. Derksen, T. C. Rothe, C. M. Bunck, and J. F. Moore. 1995. Heavy metals in seaducks and mussels from Misty Fjords National Monument in southeast Alaska. Environmental Monitoring and Assessment **36**:149-167.

Franson, J. C., M. R. Petersen, L. H. Creekmore, P. L. Flint, and M. R. Smith. 1998. Blood lead concentrations of spectacled eiders near the Kashunuk River, Yukon Delta National Wildlife Refuge, Alaska. Ecotoxicology **7**:175-181.

Franson, J. C., M. R. Petersen, C. U. Meteyer, and M. R. Smith. 1995. Lead poisoning of spectacled Eiders (Somateria fischeri) and of a common Eider (Somateria mollissima) in Alaska. Journal of Wildlife Diseases **31**:268-271.

Frantzen, B. and G. Henriksen. 1992. The Steller's Eider Polysticta-Stelleri in Finnmark 1985-1992. Fauna (Oslo) **45**:100-107.

Frechette, D., A. L. Collins, J. T. Harvey, S. A. Hayes, D. D. Huff, A. W. Jones, N. A. Retford, A. E. Langford, J. W. Moore, A. M. K. Osterback, W. H. Satterthwaite, and S. A. Shaffer. 2013. A Bioenergetics Approach to Assessing Potential Impacts of Avian Predation on Juvenile Steelhead during Freshwater Rearing. North American Journal of Fisheries Management **33**:1024-1038.

Fredrickson, L. H. 2001. Steller's Eider (Polysticta stelleri). The Birds of North America.

French, T. W. 1981. Fish Attack on Black Guillemot Cepphus-Grylle and Common Eider Somateria-Mollissima in Maine USA. Wilson Bulletin **93**:279-280.

Frengen, O. and P. G. Thingstad. 2002. Mass occurrences of Sandeels (Ammodytes spp.) causing aggregations of diving ducks. Fauna Norvegica **22**:32-36.

Freudendahl, A. S. L., M. M. Nielsen, T. Jensen, and K. T. Jensen. 2010. The introduced clam Ensis americanus in the Wadden Sea: field experiment on impact of bird predation and tidal level on survival and growth. Helgoland Marine Research **64**:93-100.

Frimer, O. 1993. Occurrence and distribution of king eiders Somateria spectabilis and common eiders S. mollissima at Disko, West Greenland. Polar Research **12**:111-116.

Frimer, O. 1994. Autumn arrival and moult in King Eiders (Somateria spectabilis) at Disko, West Greenland. Arctic **47**:137-141.

Frimer, O. 1994. The behaviour of moulting King Eiders Somateria spectabilis. Wildfowl **45**:176-187.

Frimer, O. 1995. Adaptations by the King Eider Somateria spectabilis to its moulting habitat: Review of a study at Disko, West Greenland. Dansk Ornitologisk Forenings Tidsskrift **89**:135-142.

Frimer, O. 1995. Comparative behaviour of sympatric moulting populations of Common Eider Somateria mollissima and King Eider S. spectabilis in central West Greenland. Wildfowl **46**:129-139.

Frimer, O. 1997. Diet of moulting King Eiders Somateria spectabilis at Disko Island, West Greenland. Ornis Fennica **74**:187-194.

Fritt-Rasmussen, J., J. F. Linnebjerg, M. X. Sorensen, N. L. Brogaard, F. F. Riget, P. Kristensen, G. Jomaas, D. M. Boertmann, S. Wegeberg, and K. Gustavson. 2016. Effects of oil and oil burn residues on seabird feathers. Marine Pollution Bulletin **109**:446-452.

Frost, C. J., T. E. Hollmen, and J. H. Reynolds. 2013. Trends in Annual Survival of Steller's Eiders Molting at Izembek Lagoon on the Alaska Peninsula, 1993-2006. Arctic **66**:173-178.

Fuller, T., D. P. Morton, and S. Sarkar. 2008. Incorporating uncertainty about species' potential distributions under climate change into the selection of conservation areas with a case study from the Arctic Coastal Plain of Alaska. Biological Conservation **141**:1547-1559.

Furness, R. W., H. M. Wade, and E. A. Masden. 2013. Assessing vulnerability of marine bird populations to offshore wind farms. Journal of Environmental Management **119**:56-66.

Gabrielsen, G. W., F. Mehlum, H. E. Karlsen, O. Andresen, and H. Parker. 1991. Energy Cost During Incubation and Thermoregulation in the Female Common Eider Somateria-Mollissima. Norsk Polarinstitutt Skrifter:51-62.

Gaines, W. L. and R. E. Fitzner. 1987. Winter Diet of the Harlequin Duck at Sequim Bay Puget Sound Washington USA. Northwest Science **61**:213-215.

Galaktionov, K. and J. O. Bustnes. 1995. Species composition and prevalence of seabird trematode larvae periwinkles at two littoral sites in North-Norway. Sarsia **80**:187-191.

Galaktionov, K. V., K. V. Regel, and G. I. Atrashkevich. 2010. Microphallus Kurilensis Sp Nov., a New Species of Microphallids from the Pygmaeus Species Group (Trematoda, Microphallidae) from the Coastal Areas of Okhotsk and Bering Seas. Parazitologiya (St. Petersburg) **44**:496-507.

Galkin, A. K. 1997. Reidentification of "Hymenolepis setigera" from eider ducks of the Murman coast. Parazitologiya (St. Petersburg) **31**:223-230.

Galkin, A. K., J. Mariaux, K. V. Regel, and K. Skirnisson. 2008. Redescription and new data on Microsomacanthus diorchis (Fuhrmann, 1913) (Cestoda : Hymenolepididae). Systematic Parasitology **70**:119-130.

Gamberg, M., B. Braune, E. Davey, B. Elkin, P. F. Hoekstra, D. Kennedy, C. Macdonald, D. Muir, A. Nirwal, M. Wayland, and B. Zeeb. 2005. Spatial and temporal trends of contaminants in terrestrial biota from the Canadian Arctic. Science of the Total Environment **351**:148-164.

Gammonley, J. H. and M. E. Heitmeyer. 1990. Behavior Body Condition and Foods of Buffleheads and Lesser Scaups During Spring Migration through the Klamath Basin California USA. Wilson Bulletin **102**:672-683.

Gardarsson, A. 1978. Distribution and Numbers of the Barrows Goldeneye Bucephala-Islandica in Iceland. Natturufraedingurinn **48**:162-191.

Gardarsson, A. 2006. Temporal processes and duck populations: examples from Myvatn. Hydrobiologia **567**:89-100.

Gardarsson, A. 2008. Harlequin Ducks in Iceland. Waterbirds **31**:8-14.

Gardarsson, A. and A. Einarsson. 1994. Responses of breeding duck populations to changes in food supply. Hydrobiologia **279-280**:15-27.

Gardarsson, A. and A. Einarsson. 2008. Relationships among Food, Reproductive Success and Density of Harlequin Ducks on the River Laxa at Myvatn, Iceland (1975-2002). Waterbirds **31**:84-91.

Garthe, S. 2006. Identification of areas of seabird concentrations in the German North Sea and Baltic Sea using aerial and ship-based surveys. Pages 225-238 Progress in Marine Conservation in Europe:NATURA 2000 SITES IN GERMAN OFFSHORE WATERS.

Garthe, S. and O. Huppop. 2004. Scaling possible adverse effects of marine wind farms on seabirds: developing and applying a vulnerability index. Journal of Applied Ecology **41**:724-734.

Garthe, S., N. Sonntag, P. Schwemmer, and V. Dierschke. 2007. Estimation of seabird numbers in the German North Sea throughout the annual cycle and their biogeographic importance. Vogelwelt **128**:163-178.

Gashwiler, J. S. 1949. The effect of spring muskrat trapping on waterfowl in Maine. Jour Wildlife Management **13**:183-188.

Gaston, A. J. and F. G. Cooch. 1987. Observations of Common Eiders in Hudson Strait Canada Aerial Surveys in 1980-83. Pages 51-54 Reed, A. (Ed.). Canadian Wildlife Service Report Series, No. 47. Eider Ducks in Canada. V+177p. Canadian Wildlife Service: Ste-Foy, Quebec, Canada. Illus. Maps. Paper.

Gauthier, G. 1986. Experimentally-Induced Polygyny in Buffleheads Evidence for a Mixed Reproductive Strategy. Animal Behaviour **34**:300-302.

Gauthier, G. 1987. The Adaptive Significance of Territorial Behavior in Breeding Buffleheads a Test of Three Hypotheses. Animal Behaviour **35**:348-360.

Gauthier, G. 1987. Brood Territories in Buffleheads Determinants and Correlates of Territory Size. Canadian Journal of Zoology **65**:1402-1410.

Gauthier, G. 1988. Factors Affecting Nest-Box Use by Buffleheads and Other Cavity-Nesting Birds. Wildlife Society Bulletin **16**:132-141.

Gauthier, G. 1989. The Effect of Experience and Timing on Reproductive Performance in Buffleheads. Auk **106**:568-576.

Gauthier, G. 1990. Philopatry Nest-Site Fidelity and Reproductive Performance in Buffleheads. Auk **107**:126-132.

Gauthier, G. 1993. Bufflehead (Bucephala albeola). Birds of North America **0**:1-23.

Gauthier, G. 2014. Bufflehead (Bucephala albeola). The Birds of North America.

Gauthier, G. and J. N. M. Smith. 1987. Territorial Behavior Nest-Site Availability and Breeding Density in Buffleheads. Journal of Animal Ecology **56**:171-184.

Gauthier, J. and J. Bedard. 1976. Dispersal of the Common Eider Somateria-Mollissima in the St-Lawrence Estuary Quebec Canada. Naturaliste Canadien (Quebec) **103**:261-284.

Gauthier, J., J. Bedard, and A. Reed. 1976. Overland Migration by Common Eiders of the St-Lawrence Estuary Canada. Wilson Bulletin **88**:333-344.

Gautschi, B. and B. Koller. 2005. Polymorphic microsatellite markers for the goosander (Mergus merganser). Molecular Ecology Notes **5**:133-134.

Gebauer, M. B., R. Z. Dobos, and D. V. Weseloh. 1992. Waterbird surveys at Hamilton Harbour, Lake Ontario, 1985-1988. Journal of Great Lakes Research **18**:420-439.

Geiseler, S. J., S. Ludvigsen, and L. P. Folkow. 2015. K-ATP-CHANNELS PLAY A MINOR ROLE IN THE PROTECTIVE HYPOXIC SHUT-DOWN OF CEREBELLAR ACTIVITY IN EIDER DUCKS (SOMATERIA MOLLISSIMA). Neuroscience **284**:751-758.

Gerell, R. 1985. Habitat Selection and Nest Predation in a Common Eider Somateria-Mollissima Population in Southern Sweden. Ornis Scandinavica **16**:129-139.

Gerrard, J. M., E. Dzus, G. R. Bortolotti, and P. N. Gerrard. 1993. Water-bird population changes in 1976-1990 on Besnard Lake, Saskatchewan: Increases in loons, gulls, and pelicans. Canadian Journal of Zoology **71**:1681-1686.

Gershman, M., J. F. Witter, H. E. Spencer, and A. Kalvaitis. 1964. Case report: Epizootic of fowl cholera in the common eider duck. J Wildl Mgmt **28**:587-589.

Gerstenberger, S. L. 2004. Mercury concentrations in migratory waterfowl harvested from Southern Nevada Wildlife Management areas, USA. Environmental Toxicology **19**:35-44.

Gibbons, R. E. and K. Withers. 2006. Habitat preferences of surface-diving waterbirds and American white pelicans wintering in Redfish Bay, Texas. Southwestern Naturalist **51**:103-107.

Gilchrist, G., M. Mallory, and F. Merkel. 2005. Can local ecological knowledge contribute to wildlife management? Case studies of migratory birds. Ecology and Society **10**.

Gilchrist, H. G. and G. J. Robertson. 2000. Observations of marine birds and mammals wintering at polynyas and ice edges in the Belcher Islands, Nunavut, Canada. Arctic **53**:61-68.

Gilg, O., R. Sane, D. V. Solovieva, V. I. Pozdnyakov, B. Sabard, D. Tsanos, C. Zockler, E. G. Lappo, E. E. Syroechkovski, Jr., and G. Eichhorn. 2000. Birds and mammals of the Lena Delta nature reserve, Siberia. Arctic **53**:118-133.

Gilliland, S. G., C. D. Ankney, and P. W. Hicklin. 2004. Foraging ecology of Great Black-backed Gulls during brood-rearing in the Bay of Fundy, New Brunswick. Canadian Journal of Zoology **82**:1416-1426.

Gilliland, S. G., H. G. Gilchrist, R. F. Rockwell, G. J. Robertson, J.-P. L. Savard, F. Merkel, and A. Mosbech. 2009. Evaluating the sustainability of harvest among northern common eiders Somateria mollissima borealis in Greenland and Canada. Wildlife Biology **15**:24-36.

Gilliland, S. G. and G. J. Robertson. 2009. Composition of Eiders Harvested in Newfoundland. Northeastern Naturalist **16**:501-518.

Gilliland, S. G., G. J. Robertson, and G. S. Goodyear. 2008. Distribution and Abundance of Harlequin Ducks Breeding in Northern Newfoundland. Waterbirds **31**:104-109.

Gilliland, S. G., G. J. Robertson, M. Robert, J.-P. L. Savard, D. Amirault, P. Laporte, and P. Lamothe. 2002. Abundance and distribution of Harlequin Ducks molting in eastern Canada. Waterbirds **25**:333-339.

Gislason, G. M. and V. Johannsson. 1985. The Biology of the Blackfly Simulium-Vittatum Diptera Simuliidae in the River Laxa Northern Iceland. Natturufraedingurinn **55**:175-194.

Gjerde, B. 2014. Molecular characterisation of Sarcocystis rileyi from a common eider (Somateria mollissima) in Norway. Parasitology Research **113**:3501-3509.

Gladden, B. W. and A. G. Canaris. 2009. Helminth Parasites of the Bufflehead Duck, Bucephala Albeola, Wintering in the Chihuahua Desert with a Checklist of Helminth Parasites Reported from This Host. Journal of Parasitology **95**:129-136.

Glassom, D. and G. M. Branch. 1997. Impact of predation by greater flamingos Phoenicopterus ruber on the macrofauna of two southern African lagoons. Marine Ecology Progress Series **149**:1-12.

Godo, G. 1985. Changes in the Size of Seabird Populations in Utvaer Norway. Fauna (Oslo) **38**:18-26.

Good, T. P. 1992. EXPERIMENTAL ASSESSMENT OF GULL PREDATION ON THE JONAH CRAB CANCER-BOREALIS (STIMPSON) IN NEW-ENGLAND ROCKY INTERTIDAL AND SHALLOW SUBTIDAL ZONES. Journal of Experimental Marine Biology and Ecology **157**:275-284.

Goodale, M. W., D. C. Evers, S. E. Mierzykowski, A. L. Bond, N. M. Burgess, C. I. Otorowski, L. J. Welch, C. S. Hall, J. C. Ellis, R. B. Allen, A. W. Diamond, S. W. Kress, and R. J. Taylor. 2008. Marine Foraging Birds As Bioindicators of Mercury in the Gulf of Maine. EcoHealth **5**:409-425.

Gordon, A. S. 1930. Some breeding-habits of the Goosander. British Birds **23**:245-247.

Gorman, M. L. 1973. Pituitary Prolactin Levels in the Common Eider Somateria Mollissima-Mollissima. Ornis Scandinavica **4**:123-125.

Gorman, M. L. and H. Milne. 1971. Seasonal Changes in the Adrenal Steroid Tissue of the Common Eider Somateria-Mollissima and Its Relation to Organic Metabolism in Normal and Oil Polluted Birds. Ibis **113**:218-228.

Gorman, M. L. and H. Milne. 1972. Creche Behavior in the Common Eider Somateria-Mollissima-Mollissima. Ornis Scandinavica **3**:21-26.

Gotmark, F. and M. Ahlund. 1984. Do Field Observers Attract Nest Predators and Influence Nesting Success of Common Eiders Somateria-Mollissima. Journal of Wildlife Management **48**:381-387.

Goudie, R. I. 1989. Historical Status of Harlequin Ducks Wintering in Eastern North America a Reappraisal. Wilson Bulletin **101**:112-114.

Goudie, R. I., Gregory J. Robertson and Austin Reed. 2000. Common Eider (Somateria mollissima). The Birds of North America.

Goudie, R. I. 2006. Multivariate behavioural response of harlequin ducks to aircraft disturbance in Labrador. Environmental Conservation **33**:28-35.

Goudie, R. I. and C. D. Ankney. 1986. Body Size Activity Budgets and Diets of Sea Ducks Wintering in Newfoundland Canada. Ecology (Washington D C) **67**:1475-1482.

Goudie, R. I. and C. D. Ankney. 1988. Patterns of Habitat Use by Sea Ducks Wintering in Southeastern Newfoundland Canada. Ornis Scandinavica **19**:249-256.

Goudie, R. I., S. Brault, B. Conant, A. V. Kondratyev, M. R. Petersen, and K. Vermeer. 1994. The status of sea duck in the North Pacific rim: Toward their conservation and management. Transactions of the North American Wildlife and Natural Resources Conference **59**:27-49.

Goudie, R. I. and S. G. Gilliland. 2008. Aspects of Distribution and Ecology of Harlequin Ducks on the Torrent River, Newfoundland. Waterbirds **31**:92-103.

Goudie, R. I. and I. L. Jones. 2004. Dose-response relationships of harlequin duck behaviour to noise from low-level military jet over-flights in central Labrador. Environmental Conservation **31**:289-298.

Goudie, R. I. and I. L. Jones. 2005. Feeding behavior of harlequin ducks (Histrionicus histrionicus) breeding in Newfoundland and Labrador: A test of the food limitation hypothesis. Bird Behavior **17**:9-18.

Goudie, R. I., M. R. Petersen, and G. J. Robertson. 1999. Behaviour and ecology of sea ducks. Occasional paper - Canadian Wildlife Service.

Goudie, R. I., G. J. Robertson, and A. Reed. 2000. Common eider: Somateria mollissima. Birds of North America:1-32.

Goudie, R. I. and P. C. Ryan. 1991. Diets and Morphology of Digestive Organs of Five Species of Sea Ducks Wintering in Newfoundland. Journal of the Yamashina Institute for Ornithology **22**:1-8.

Gough, W. T., S. C. Farina, and F. E. Fish. 2015. Aquatic burst locomotion by hydroplaning and paddling in common eiders (Somateria mollissima). Journal of Experimental Biology **218**:1632-1638.

Gowans, B., G. J. Robertson, and F. Cooke. 1998. Behaviour and chronology of pair formation by Harlequin Ducks Histrionicus histrionicus. Wildfowl **48**:135-146.

Grabowski, M. M., F. I. Doyle, D. G. Reid, D. Mossop, and D. Talarico. 2013. Do Arctic-nesting birds respond to earlier snowmelt? A multi-species study in north Yukon, Canada. Polar Biology **36**:1097-1105.

Grand, J. B. and P. L. Flint. 1997. Productivity of nesting spectacled eiders on the lower Kashunuk River, Alaska. Condor **99**:926-932.

Grand, J. B., P. L. Flint, M. R. Petersen, and C. L. Moran. 1998. Effect of lead poisoning on spectacled eider survival rates. Journal of Wildlife Management **62**:1103-1109.

Grand, J. B., J. C. Franson, P. L. Flint, and M. R. Petersen. 2002. Concentrations of trace elements in eggs and blood of spectacled and common eiders on the Yukon-Kuskokwim Delta, Alaska, USA. Environmental Toxicology and Chemistry **21**:1673-1678.

Gratto-Trevor, C. L., V. H. Johnston, and S. T. Pepper. 1998. Changes in shorebird and eider abundance in the Rasmussen Lowlands, NWT. Wilson Bulletin **110**:316-325.

Grav, H. J., B. Borch-Iohnsen, H. A. Dahl, G. W. Gabrielsen, and J. B. Steen. 1988. Oxidative Capacity of Tissues Contributing to Thermogenesis in Eider Somateria-Mollissima Ducklings Changes Associated with Hatching. Journal of Comparative Physiology B Biochemical Systemic and Environmental Physiology **158**:513-518.

Grebmeier, J. M., B. A. Bluhm, L. W. Cooper, S. L. Danielson, K. R. Arrigo, A. L. Blanchard, J. T. Clarke, R. H. Day, K. E. Frey, R. R. Gradinger, M. Kedra, B. Konar, K. J. Kuletz, S. H. Lee, J. R. Lovvorn, B. L. Norcross, and S. R. Okkonen. 2015. Ecosystem characteristics and processes facilitating persistent macrobenthic biomass hotspots and associated benthivory in the Pacific Arctic. Progress in Oceanography **136**:92-114.

Gregory, R. D., S. P. Carter, and S. R. Baillie. 1997. Abundance, distribution and habitat use of breeding goosanders Mergus merganser and red-breasted mergansers Mergus serrator on British rivers. Bird Study **44**:1-12.

Grenquist, P. 1952. Recent changes in the populations of the eider, Somateria m. mollisima, and the velvet scoter, Melanitta f. fusca, in the Finnish Archipelago. Riistatieteellisia Julkaisuja **8**:81-100.

Grenquist, P. 1963. Hatching losses of common goldeneyes, in the Finnish archipelago. Proc Internatl Ornithol Congr **13**:685-689.

Grimm, U. and R. Lentner. 2007. Cormorant and goosander in Northern Tyrol. Distribution, habitat selection, behaviour and diet during winter. Results of a survey 1999/2000. Berichte des Naturwissenschaftlich-Medizinischen Vereins in Innsbruck **94**:109-135.

Gross, A. 2000. The distribution of the breeding population of Mergus merganser in southern Bavaria and Austria in relation to the water-transparency of representative rivers in the breeding area. Ornithologischer Anzeiger **39**:97-118.

Grosz, T. and C. F. Yocom. 1972. Food Habits of the White-Winged Scoter in Northwestern California. Journal of Wildlife Management **36**:1279-1282.

Grubb, T. C. J. 1971. Bald Eagles Stealing Fish from Common Mergansers. Auk **88**:928-929.

Grubb, T. C. J. 1975. A Shift in Nesting Habitat by a Population of Common Eiders. Wilson Bulletin **86**.

Gudmundsson, F. 1979. The Past Status and Exploitation of the Myvatn Iceland Waterfowl Populations. Oikos **32**:232-249.

Gudmundsson, G. A., T. Alerstam, M. Green, and A. Hedenstrom. 2002. Radar observations of Arctic bird migration at the Northwest Passage, Canada. Arctic **55**:21-43.

Guillemette, M. 1994. Digestive-rate constraint in wintering common eiders (Somateria mollissima): Implications for flying capabilities. Auk **111**:900-909.

Guillemette, M. 1998. The effect of time and digestion constraints in Common Eiders while feeding and diving over Blue Mussel beds. Functional Ecology **12**:123-131.

Guillemette, M. 2001. Foraging before spring migration and before breeding in Common Eiders: Does hyperphagia occur? Condor **103**:633-638.

Guillemette, M., F. Bolduc, and J.-L. Desgranges. 1994. Stomach contents of diving and dabbling ducks during fall migration in the St. Lawrence River, Quebec, Canada. Wildfowl **45**:167-175.

Guillemette, M. and P. J. Butler. 2012. Seasonal variation in energy expenditure is not related to activity level or water temperature in a large diving bird. Journal of Experimental Biology **215**:3161-3168.

Guillemette, M. and J. H. Himmelman. 1996. Distribution of wintering common eiders over mussel beds: Does the ideal free distribution apply? Oikos **76**:435-442.

Guillemette, M., J. H. Himmelman, C. Barette, and A. Reed. 1993. Habitat selection by common eiders in winter and its interaction with flock size. Canadian Journal of Zoology **71**:1259-1266.

Guillemette, M. and J. K. Larsen. 2002. Postdevelopment experiments to detect anthropogenic disturbances: The case of sea ducks and wind parks. Ecological Applications **12**:868-877.

Guillemette, M. and J.-F. Ouellet. 2005. Temporary flightlessness as a potential cost of reproduction in pre-laying Common Eiders Somateria mollissima. Ibis **147**:301-306.

Guillemette, M. and J.-F. Ouellet. 2005. Temporary flightlessness in pre-laying Common Eiders Somateria mollissima: are females constrained by excessive wing-loading or by minimal flight muscle ratio? Ibis **147**:293-300.

Guillemette, M., D. Pelletier, J.-M. Grandbois, and P. J. Butler. 2007. Flightlessness and the energetic cost of wing molt in a large sea duck. Ecology (Washington D C) **88**:2936-2945.

Guillemette, M., A. Reed, and J. H. Himmelman. 1996. Availability and consumption of food by common eiders wintering in the Gulf of St. Lawrence: Evidence of prey depletion. Canadian Journal of Zoology **74**:32-38.

Guillemette, M., S. E. Richman, S. J. Portugal, and P. J. Butler. 2012. Behavioural compensation reduces energy expenditure during migration hyperphagia in a large bird. Functional Ecology **26**:876-883.

Guillemette, M., A. J. Woakes, A. Flagstad, and P. J. Butler. 2002. Effects of data-loggers implanted for a full year in female Common Eiders. Condor **104**:448-452.

Guillemette, M., A. J. Woakes, V. Henaux, J.-M. Grandbois, and P. J. Butler. 2004. The effect of depth on the diving behaviour of common eiders. Canadian Journal of Zoology **82**:1818-1826.

Guillemette, M., A. J. Woakes, J. Larochelle, E. T. Polymeropoulos, J. M. Granbois, P. J. Butler, D. Pelletier, P. B. Frappell, and S. J. Portugal. 2016. Does hyperthermia constrain flight duration in a short-distance migrant? Philosophical Transactions of the Royal Society B-Biological Sciences **371**.

Guillemette, M., R. C. Ydenberg, and J. H. Himmelman. 1992. The role of energy intake rate in prey and habitat selection of common eiders Somateria mollissima in winter: A risk-sensitive interpretation. Journal of Animal Ecology **61**:599-610.

Guillennette, M., A. J. Woakes, J. Larochelle, E. T. Polymeropoulos, J. M. Granbois, P. J. Butler, D. Pelletier, P. B. Frappell, and S. J. Portugal. 2016. Does hyperthermia constrain flight duration in a short-distance migrant? Philosophical Transactions of the Royal Society B-Biological Sciences **371**.

Guindre-Parker, S., H. G. Gilchrist, S. Baldo, S. M. Doucet, and O. P. Love. 2013. Multiple achromatic plumage ornaments signal to multiple receivers. Behavioral Ecology **24**:672-682.

Gunn, D. 1927. The courtship of the common scoter. British Birds **20**:193-197.

Gunnarsson, G., J. Elmberg, H. Poysa, P. Nummi, K. Sjoberg, L. Dessborn, and C. Arzel. 2013. Density dependence in ducks: a review of the evidence. European Journal of Wildlife Research **59**:305-321.

Gunnarsson, G., J. Elmberg, and J. Waldenstrom. 2011. Trends in Body Mass of Ducks over Time: The Hypotheses in Guillemain et al. Revisited. Ambio **40**:338-340.

Gurney, K. E. B., C. J. Wood, R. T. Alisauskas, M. Wayland, J. M. A. DeVink, and S. M. Slattery. 2014. Identifying carry-over effects of wintering area on reproductive parameters in White-winged Scoters: An isotopic approach. Condor **116**:251-264.

Haelterlein, B., P. Suedbeck, W. Knief, and U. Koeppen. 2000. Population trends of coastal breeding birds of the German North and Baltic Sea coasts. Vogelwelt **121**:241-267.

Haelters, J., L. Vigin, E. W. M. Stienen, S. Scory, E. Kuijken, and T. G. Jacques. 2004. Ornithological importance of Belgian marine areas: Identification of areas qualifying as Special Protection Areas under the European Birds Directive. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique Biologie **74**:7.

Haland, A. 2008. Wintering Red-breasted Merganser Mergus serrator preying on pipefish in coastal Western Norway. Ornis Norvegica **31**:189-190.

Hall, B. D., L. A. Baron, and C. M. Somers. 2009. Mercury Concentrations in Surface Water and Harvested Waterfowl from the Prairie Pothole Region of Saskatchewan. Environmental Science & Technology **43**:8759-8766.

Hall, J. S., R. E. Russell, J. C. Franson, C. Soos, R. J. Dusek, R. B. Allen, S. W. Nashold, J. L. TeSlaa, J. E. Jonsson, J. R. Ballard, N. J. Harms, and J. D. Brown. 2015. Avian Influenza Ecology in North Atlantic Sea Ducks: Not All Ducks Are Created Equal. PLoS One **10**.

Hamilton, D. J. 2000. Direct and indirect effects of predation by Common Eiders and abiotic disturbance in an intertidal community. Ecological Monographs **70**:21-43.

Hamilton, D. J. 2001. Feeding behavior of Common Eider ducklings in relation to availability of rockweed habitat and duckling age. Waterbirds **24**:233-241.

Hamilton, D. J., C. D. Ankney, and R. C. Bailey. 1994. PREDATION OF ZEBRA MUSSELS BY DIVING DUCKS - AN EXCLOSURE STUDY. Ecology **75**:521-531.

Hamilton, D. J., A. W. Diamond, and P. G. Wells. 2006. Shorebirds, snails, and the amphipod (Corophium volutator) in the upper Bay of Fundy: top-down vs. bottom-up factors, and the influence of compensatory interactions on mudflat ecology. Hydrobiologia **567**:285-306.

Hamilton, D. J. and T. D. Nudds. 1996. Predation by Common Elders on intertidal invertebrates: Community consequences. Bulletin of the Ecological Society of America **77**:180.

Hamilton, D. J. and T. D. Nudds. 2003. Effects of predation by common eiders (Somateria mollissima) in an intertidal rockweed bed relative to an adjacent mussel bed. Marine Biology (Berlin) **142**:1-12.

Hamilton, D. J., T. D. Nudds, and J. Neate. 1999. Size-selective predation of blue mussels (Mytilus edulis) by Common Eiders (Somateria mollissima) under controlled field conditions. Auk **116**:403-416.

Hamilton, D. L. and D. Ankney. 1994. Consumption of Zebra Mussels Dreissena polymorpha by diving ducks in Lakes Erie and St. Clair. Wildfowl **45**:159-166.

Hannett, G. E., W. Stone, D. Bopp, W. Culligan, S. Davis, and J. Okoniewski. 2003. Genetically distinct isloates of Clostridium botulinum toxin type E associated with a large outbreak of botulism in birds and fish from Lake Erie. Abstracts of the General Meeting of the American Society for Microbiology **103**:Z-033.

Hansen, S. G. 1977. Color Marking of Goosanders Mergus-Merganser at the Danish Breeding Grounds. Dansk Ornitologisk Forenings Tidsskrift **71**:65-69.

Hansen, S. G. and I. Kraul. 1981. Shell Thickness and Residues of Dieldrin Dde and Poly Chlorinated Bi Phenyl in Eggs of Danish Goosanders Mergus-Merganser. Ornis Scandinavica **12**:160-165.

Hansen, W. K., L. J. Bate, O. Chastel, and C. W. Breuner. 2014. Stress and Reproduction in Harlequin Ducks. Integrative and Comparative Biology **54**:E283-E283.

Hansen, W. K., L. J. Bate, D. W. Landry, O. Chastel, C. Parenteau, and C. W. Breuner. 2016. Feather and faecal corticosterone concentrations predict future reproductive decisions in harlequin ducks (Histrionicus histrionicus). Conservation Physiology **4**.

Hanson, H. C., M. Rogers, and E. S. Rogers. 1949. Water-fowl of the forested portions of the Canadian Pre-Cambrian Shield and the Palaeozoic basin. Canadian Field Nat **63**:183-204.

Hanssen, O. J. 1979. The Breeding Population of the Common Eider Somateria-Mollissima in Ostfold County Norway. Fauna (Oslo) **32**:14-18.

Hanssen, O. J. 1980. Changes in the Abundance of Common Eiders Somateria-Mollissima in Ostfold Southeastern Norway During the Last 20 Years. Fauna (Oslo) **33**:140-143.

Hanssen, O. J. 1981. Seasonal Variations in the Occurrence of Common Eider Somateria-Mollissima at Akeroya Ostfold Southeast Norway. Fauna Norvegica Series C Cinclus **4**:49-55.

Hanssen, S. A. 2006. Costs of an immune challenge and terminal investment in a long-lived bird. Ecology (Washington D C) **87**:2440-2446.

Hanssen, S. A., H. Engebretsen, and K. E. Erikstad. 2002. Incubation start and egg size in relation to body reserves in the common eider. Behavioral Ecology and Sociobiology **52**:282-288.

Hanssen, S. A. and K. E. Erikstad. 2013. The long-term consequences of egg predation. Behavioral Ecology **24**:564-569.

Hanssen, S. A., K. E. Erikstad, V. Johnsen, and J. O. Bustnes. 2003. Differential investment and costs during avian incubation determined by individual quality: An experimental study of the common eider (Somateria mollissima). Proceedings of the Royal Society Biological Sciences Series B **270**:531-537.

Hanssen, S. A., I. Folstad, and K. E. Erikstad. 2003. Reduced immunocompetence and cost of reproduction in common eiders. Oecologia (Berlin) **136**:457-464.

Hanssen, S. A., I. Folstad, and K. E. Erikstad. 2006. White plumage reflects individual quality in female eiders. Animal Behaviour **71**:337-343.

Hanssen, S. A., I. Folstad, K. E. Erikstad, and A. Oksanen. 2003. Costs of parasites in common eiders: Effects of antiparasite treatment. Oikos **100**:105-111.

Hanssen, S. A., D. Hasselquist, I. Folstad, and K. E. Erikstad. 2004. Costs of immunity: immune responsiveness reduces survival in a vertebrate. Proceedings of the Royal Society Biological Sciences Series B **271**:925-930.

Hanssen, S. A., D. Hasselquist, I. Folstad, and K. E. Erikstad. 2005. Cost of reproduction in a long-lived bird: incubation effort reduces immune function and future reproduction. Proceedings of the Royal Society Biological Sciences Series B **272**:1039-1046.

Hanssen, S. A., B. Moe, B. J. Bardsen, F. Hanssen, and G. W. Gabrielsen. 2013. A natural antipredation experiment: predator control and reduced sea ice increases colony size in a long-lived duck. Ecology and Evolution **3**:3554-3564.

Hario, M. and T. E. Hollmen. 2004. The role of male mate-guarding in pre-laying Common Eiders Somateria m. mollissima in the northern Baltic Sea. Ornis Fennica **81**:119-127.

Hario, M., T. E. Hollmen, T. L. Morelli, and K. T. Scribner. 2002. Effects of mate removal on the fecundity of common eider Somateria mollissima females. Wildlife Biology **8**:161-168.

Hario, M., M. L. Koljonen, and J. Rintala. 2012. Kin structure and choice of brood care in a Common Eider (Somateria m. mollissima) population. Journal of Ornithology **153**:963-973.

Hario, M., M. J. Mazerolle, and P. Saurola. 2009. Survival of female common eiders Somateria m. mollissima in a declining population of the northern Baltic Sea. Oecologia (Berlin) **159**:747-756.

Hario, M. and M. Ost. 2002. Does heavy investment in foraging implicate low food acquisition for female Common Eiders Somateria mollissima? Ornis Fennica **79**:111-120.

Hario, M. and J. Rintala. 2006. Fledgling production and population trends in Finnish common eiders (Somateria mollissima mollissima) - evidence for density dependence. Canadian Journal of Zoology **84**:1038-1046.

Hario, M. and J. Rintala. 2009. Age of first breeding in the Common Eider Somateria m. mollissima population in the northern Baltic Sea. Ornis Fennica **86**:81-88.

Hario, M. and K. Selin. 1988. Thirty-Year Trends in an Eider Population Timing of Breeding Clutch Size and Nest Site Preferences. Finnish Game Research:3-10.

Harms, N. J. 2011. Avian Cholera in the Eastern Canadian Arctic: Investigating Disease Origins and Reservoirs. Arctic **64**:501-505.

Harms, N. J. 2012. Exploring Health and Disease in Northern Common Eiders in the Canadian Arctic. Arctic **65**:495-499.

Harris, C. M., J. R. Calladine, C. V. Wernham, and K. J. Park. 2008. Impacts of piscivorous birds on salmonid populations and game fisheries in Scotland: a review. Wildlife Biology **14**:395-411.

Harris, M. L., L. K. Wilson, S. F. Trudeau, and J. E. Elliott. 2007. Vitamin A and contaminant concentrations in surf scoters (Melanitta perspicillata) wintering on the Pacific coast of British Columbia, Canada. Science of the Total Environment **378**:366-375.

Harrison, C. S. 1982. Spring Distribution of Marine Birds in the Gulf of Alaska USA. Condor **84**:245-254.

Harrison, J. G. and P. Wayre. 1956. A case of congenital muscular hemiatrophy in a barrow's goldeneye. Bull Brit Ornithol Club **76**:129-130.

Hartman, G., A. Kolzsch, K. Larsson, M. Nordberg, and J. Hoglund. 2013. Trends and population dynamics of a Velvet Scoter (Melanitta fusca) population: influence of density dependence and winter climate. Journal of Ornithology **154**:837-847.

Harwell, M. A., J. H. Gentile, K. R. Parker, S. M. Murphy, R. H. Day, A. E. Bence, J. M. Neff, and J. A. Wiens. 2012. Quantitative Assessment of Current Risks to Harlequin Ducks in Prince William Sound, Alaska, from the Exxon Valdez Oil Spill. Human and Ecological Risk Assessment **18**:261-328.

Haseltine, S. D., G. H. Heinz, W. L. Reichel, and J. F. Moore. 1981. Organo Chlorine and Metal Residues in Eggs of Waterfowl Nesting on Islands in Lake Michigan Off Door County Wisconsin USA 1977-78. Pesticides Monitoring Journal **15**:90-97.

Haszard, S. and R. G. Clark. 2007. Wetland use by white-winged scoters (Melanitta fusca) in the Mackenzie Delta region. Wetlands **27**:855-863.

Hatton, P. L. and M. Marquiss. 2004. The origins of moulting Goosanders on the Eden estuary. Ringing & Migration **22**:70-74.

Haukas, M., K. Hylland, J. A. Berge, T. Nygard, and E. Mariussen. 2009. Spatial diastereomer patterns of hexabromocyclododecane (HBCD) in a Norwegian fjord. Science of the Total Environment **407**:5907-5913.

Hawkins, G. L. 2011. Molts and Plumages of Ducks (Anatinae): An Evaluation of Pyle (2005). Waterbirds **34**:481-494.

Hawkins, P. A. J., P. J. Butler, and A. J. Woakes. 1999. Growth and morphology of captive female Common Eider Somateria mollissima ducklings. Wildfowl **49**:92-102.

Hawkins, P. A. J., P. J. Butler, A. J. Woakes, and J. R. Speakman. 2000. Estimation of the rate of oxygen consumption of the common eider duck (Somateria mollissima), with some measurements of heart rate during voluntary dives. Journal of Experimental Biology **203**:2819-2832.

Haymes, G. T. and R. W. Sheehan. 1982. Winter Waterfowl around Pickering Nuclear Generating Station Ontario Canada. Canadian Field-Naturalist **96**:172-175.

Heard, D. J., D. M. Mulcahy, S. A. Iverson, D. J. Rizzolo, E. C. Greiner, J. Hall, H. Ip, and D. Esler. 2008. A blood survey of elements, viral antibodies, and hemoparasites in wintering Harlequin Ducks (Histrionicus histrionicus) and Barrow's Goldeneyes (Bucephala islandica). Journal of Wildlife Diseases **44**:486-493.

Heath, J. P. 2008. Presence of a Harlequin Duck Drake During Brood Rearing in Northern Labrador. Waterbirds **31**:81-83.

Heath, J. P. and H. G. Gilchrist. 2010. When foraging becomes unprofitable: energetics of diving in tidal currents by common eiders wintering in the Arctic. Marine Ecology Progress Series **403**:279-290.

Heath, J. P., H. G. Gilchrist, and R. C. Ydenberg. 2006. Regulation of stroke pattern and swim speed across a range of current velocities: diving by common eiders wintering in polynyas in the Canadian Arctic. Journal of Experimental Biology **209**:3974-3983.

Heath, J. P., H. G. Gilchrist, and R. C. Ydenberg. 2007. Can dive cycle models predict patterns of foraging behaviour? Diving by common eiders in an Arctic polynya. Animal Behaviour **73**:877-884.

Heath, J. P., G. Goodyear, and J. Brazil. 2001. Observation of a Golden Eagle, Aquila chrysaetos, attack on a Harlequin Duck, Histrionicus histrionicus, in northern Labrador. Canadian Field-Naturalist **115**:515-516.

Heath, J. P. and W. A. Montevecchi. 2008. Differential use of similar habitat by Harlequin Ducks: trade-offs and implications for identifying critical habitat. Canadian Journal of Zoology **86**:419-426.

Heath, J. P., W. A. Montevecchi, and G. J. Robertson. 2008. Allocating Foraging Effort Across Multiple Time Scales: Behavioral Responses to Environmental Conditions by Harlequin Ducks Wintering at Cape St. Mary's, Newfoundland. Waterbirds **31**:71-80.

Heath, J. P., G. J. Robertson, and W. A. Montevecchi. 2006. Population structure of breeding Harlequin Ducks and the influence of predation risk. Canadian Journal of Zoology **84**:855-864.

Hebert, C. E. and H. A. Morrison. 2003. Consumption of fish and other prey items by Lake Erie waterbirds. Journal of Great Lakes Research **29**:213-227.

Hedenstrom, A., T. Alerstam, M. Green, and G. A. Gudmundsson. 2002. Adaptive variation of airspeed in relation to wind, altitude and climb rate by migrating birds in the Arctic. Behavioral Ecology and Sociobiology **52**:308-317.

Hefti-Gautschi, B., M. Pfunder, L. Jenni, V. Keller, and H. Ellegren. 2009. Identification of conservation units in the European Mergus merganser based on nuclear and mitochondrial DNA markers. Conservation Genetics **10**:87-99.

Heinanen, S., J. Erola, and M. von Numers. 2012. High resolution species distribution models of two nesting water bird species: a study of transferability and predictive performance. Landscape Ecology **27**:545-555.

Heintzelman, D. S. 1963. Diving times of a common goldeneye. Wilson Bull **75**:91.

Heinz, G. H., S. D. Haseltine, W. L. Reichel, and G. L. Hensler. 1983. Relationships of Environmental Contaminants to Reproductive Success in Red-Breasted Mergansers Mergus-Serrator from Lake Michigan USA. Environmental Pollution Series A Ecological and Biological **32**:211-232.

Heinz, G. H., D. J. Hoffman, J. D. Klimstra, K. R. Stebbins, S. L. Kondrad, and C. A. Erwin. 2009. Species Differences in the Sensitivity of Avian Embryos to Methylmercury. Archives of Environmental Contamination and Toxicology **56**:129-138.

Heinz, G. H., D. S. Miller, B. J. Ebert, and K. L. Stromborg. 1994. Declines in organochlorines in eggs of red-breasted mergansers from Lake Michigan, 1977-1978 versus 1990. Environmental Monitoring and Assessment **33**:175-182.

Heinz, G. H. and K. L. Stromborg. 2009. Further declines in organochlorines in eggs of red-breasted mergansers from Lake Michigan, 1977-1978 versus 1990 versus 2002. Environmental Monitoring and Assessment **159**:163-168.

Heitmeyer, M. E. and P. A. J. Vohs. 1984. Distribution and Habitat Use of Waterfowl Wintering in Oklahoma USA. Journal of Wildlife Management **48**:51-62.

Helle, I., T. Lecklin, A. Jolma, and S. Kuikka. 2011. Modeling the effectiveness of oil combating from an ecological perspective - A Bayesian network for the Gulf of Finland; the Baltic Sea. Journal of Hazardous Materials **185**:182-192.

Hennin, H. L., J. Bety, H. G. Gilchrist, and O. P. Love. 2012. Do state-mediated hormones predict reproductive decisions in Arctic-nesting common eiders? Integrative and Comparative Biology **52**:E76-E76.

Hennin, H. L., J. Bety, P. Legagneux, H. G. Gilchrist, T. D. Williams, and O. P. Love. 2016. Energetic Physiology Mediates Individual Optimization of Breeding Phenology in a Migratory Arctic Seabird. American Naturalist **188**:434-445.

Hennin, H. L., P. Legagneux, J. Bety, T. D. Williams, H. G. Gilchrist, T. M. Baker, and O. P. Love. 2015. Pre-breeding energetic management in a mixed-strategy breeder. Oecologia **177**:235-243.

Hennin, H. L., P. Legagneux, J. Bety, T. D. Williams, H. G. Gilchrist, T. M. Baker, and O. P. Love. 2015. Preparatory energetic management in a pre-breeding seaduck. Integrative and Comparative Biology **55**:E273-E273.

Hennin, H. L., A. M. Wells-Berlin, and O. P. Love. 2016. Baseline glucocorticoids are drivers of body mass gain in a diving seabird. Ecology and Evolution **6**:1702-1711.

Henny, C. J., D. D. Rudis, T. J. Roffe, and E. Robinson-Wilson. 1995. Contaminants and Sea Ducks in Alaska and the Circumpolar Region. Environmental Health Perspectives **103**:41-49.

Henriksen, G. and E. Lund. 1994. Migration times, local movements, biometric parameters and the size and composition of the population of Steller's Eider Polysticta stelleri in Varangerfjord in Finnmark, Northern Norway. Fauna Norvegica Series C Cinclus **17**:95-106.

Herter, D. R., S. M. Jonston, and A. P. Woodman. 1989. Molt Migration of Scoters at Cape Pierce Alaska USA. Arctic **42**:248-252.

Herzke, D., T. Nygard, U. Berger, S. Huber, and N. Rov. 2009. Perfluorinated and other persistent halogenated organic compounds in European shag (Phalacrocorax aristotelis) and common eider (Somateria mollissima) from Norway: A suburban to remote pollutant gradient. Science of the Total Environment **408**:340-348.

Heubeck, M. 2006. The Shetland beached bird survey, 1979-2004. Marine Ornithology **34**:123-127.

Heusmann, H. W., T. J. Early, and B. J. Nikula. 2000. Evidence of an increasing Hooded Merganser population in Massachusetts. Wilson Bulletin **112**:413-415.

Hicklin, P. and K. Bunker-Popma. 2001. The spring and fall migrations of scoters, Melanitta spp., at Confederation Bridge in the Northumberland Strait between New Brunswick and Prince Edward Island. Canadian Field-Naturalist **115**:436-445.

Hicklin, P. W. and W. R. Barrow. 2004. The incidence of embedded shot in waterfowl in Atlantic Canada and Hudson Strait. Waterbirds **27**:41-45.

Hicklin, P. W. and W. R. Barrow. 2008. Wintering Harlequin Ducks on the Wolves Archipelago, Bay of Fundy. Waterbirds **31**:130-132.

Hilde, C. H., C. Pelabon, L. Guery, G. W. Gabrielsen, and S. Descamps. 2016. Mind the wind: microclimate effects on incubation effort of an arctic seabird. Ecology and Evolution **6**:1914-1921.

Hilgerloh, G. and D. Pfeifer. 2002. Size selection and competition for mussels, Mytilus edulis, by oystercatchers, Haematopus ostralegus, herring gulls, Larus argentatus, and common eiders, Somateria mollissima. Ophelia **56**:43-54.

Hill, N. J., J. Y. Takekawa, C. J. Cardona, J. T. Ackerman, A. K. Schultz, K. A. Spragens, and W. M. Boyce. 2010. Waterfowl Ecology and Avian Influenza in California: Do Host Traits Inform Us About Viral Occurrence? Avian Diseases **54**:426-432.

Hiller, W. 1997. Waterfowl dynamics at Lake Tegernsee (upper Bavaria) from 1973 to 1997. Ornithologischer Anzeiger **36**:143-158.

Hilli-Lukkarinen, M., M. Kuitunen, and J. Suhonen. 2011. The effect of changes in land use on waterfowl species turnover in Finnish boreal lakes. Ornis Fennica **88**:185-194.

Hines, J. E., M. F. Kay, and M. O. Wiebe. 2003. Aerial surveys of Greater White-fronted Geese Anser albifrons frontalis and other waterfowl in the Rasmussen Lowlands of the Central Canadian Arctic. Wildfowl **54**:185-201.

Hipfner, J. M., H. G. Gilchrist, A. J. Gaston, and D. K. Cairns. 2002. Status of Common Eiders, Somateria mollissima, nesting in the Digges Sound region, Nunavut. Canadian Field-Naturalist **116**:22-25.

Hobson, K. A., K. Jaatinen, and M. Ost. 2015. Differential contributions of endogenous and exogenous nutrients to egg components in wild Baltic Common Eiders (Somateria mollissima): A test of alternative stable isotope approaches. Auk **132**:624-633.

Hobson, K. A., J. E. Thompson, M. R. Evans, and S. Boyd. 2005. Tracing nutrient allocation to reproduction in Barrow's goldeneye. Journal of Wildlife Management **69**:1221-1228.

Hodges, J. I. and W. D. Eldridge. 2001. Aerial surveys of eiders and other waterbirds on the eastern Arctic coast of Russia. Wildfowl **52**:127-142.

Hodson, K. and M. Grimble. 1970. Parasites from Common Goldeneye Greater Scaup and Oldsquaw Collected on Boundary Bay British-Columbia February 1970. Blue Jay **28**:125-126.

Hoff, J. G. 1977. Slipper Shells a Major Food Item for White-Winged Scoters. Wilson Bulletin **89**:331.

Hoffman, D. J., H. M. Ohlendorf, C. M. Marn, and G. W. Pendleton. 1998. Association of mercury and selenium with altered glutathione metabolism and oxidative stress in diving ducks from the San Francisco Bay region, USA. Environmental Toxicology and Chemistry **17**:167-172.

Hoffman, W. and G. T. Bancroft. 1984. Molt in Vagrant Black Scoters Melanitta-Nigra Wintering in Peninsular Florida USA. Wilson Bulletin **96**:499-504.

Hogan, D., D. Esler, and J. E. Thompson. 2013. DURATION AND PHENOLOGY OF REMIGIAL MOLT OF BARROW'S GOLDENEYE. Condor **115**:762-768.

Hogan, D., D. Esler, and J. E. Thompson. 2013. VARIATION IN BODY MASS AND FORAGING EFFORT OF BARROW'S GOLDENEYES (BUCEPHALA ISLANDICA) DURING REMIGIAL MOLT. Auk **130**:313-322.

Hogan, D., J. E. Thompson, and D. Esler. 2013. Survival of Barrow's goldeneyes during remigial molt and fall staging. Journal of Wildlife Management **77**:701-706.

Hogan, D., J. E. Thompson, D. Esler, and W. S. Boyd. 2011. Discovery of Important Postbreeding Sites for Barrow's Goldeneye in the Boreal Transition Zone of Alberta. Waterbirds **34**:261-268.

Hogstad, O., T. Nygard, P. Gatzschmann, S. Lierhagen, and P. G. Thingstad. 2003. Bird skins in museum collections: Are they suitable as indicators of environmental metal load after conservation procedures? Environmental Monitoring and Assessment **87**:47-56.

Hogstrom, S. 1977. Winter Behavior of the Stellers Eider Polysticta-Stelleri. Var Fagelvarld **36**:250-259.

Hohn, E. O. 1957. Observations on display and other forms of behaviour of certain Arctic birds. Auk **74**:203-214.

Hollmen, T., J. C. Franson, D. E. Docherty, M. Kilpi, M. Hario, L. H. Creekmore, and M. R. Petersen. 2000. Infectious bursal disease virus antibodies in Eider ducks and Herring Gulls. Condor **102**:688-691.

Hollmen, T., J. C. Franson, M. Hario, S. Sankari, M. Kilpi, and K. Lindstrom. 2001. Use of serum biochemistry to evaluate nutritional status and health of incubating common eiders (Somateria mollissima) in Finland. Physiological and Biochemical Zoology **74**:333-342.

Hollmen, T., J. C. Franson, M. Kilpi, D. E. Docherty, W. R. Hansen, and M. Hario. 2002. Isolation and characterization of a reovirus from common eiders (Somateria mollissima) from Finland. Avian Diseases **46**:478-484.

Hollmen, T., J. C. Franson, R. H. Poppenga, M. Hario, and M. Kilpi. 1998. Lead poisoning and trace elements in common eiders Somateria mollissima from Finland. Wildlife Biology **4**:193-203.

Hollmen, T., J. T. Lehtonen, S. Sankari, T. Soveri, and M. Hario. 1999. An experimental study on the effects of polymorphiasis in common eider ducklings. Journal of Wildlife Diseases **35**:466-473.

Hollmen, T. E., C. DebRoy, P. L. Flint, D. E. Safine, J. L. Schamber, A. E. Riddle, and K. A. Trust. 2011. Molecular typing of Escherichia coli strains associated with threatened sea ducks and near-shore marine habitats of south-west Alaska. Environmental Microbiology Reports **3**:262-269.

Hollmen, T. E., J. C. Franson, P. L. Flint, J. B. Grand, R. B. Lanctot, D. E. Docherty, and H. M. Wilson. 2003. An adenovirus linked to mortality and disease in long-tailed ducks (Clangula hyemalis) in Alaska. Avian Diseases **47**:1434-1440.

Hollmen, T. E., J. C. Franson, M. Kilpi, D. E. Docherty, and V. Myllys. 2003. An adenovirus associated with intestinal impaction and mortality of male common eiders (Somateria mollissima) in the Baltic Sea. Journal of Wildlife Diseases **39**:114-120.

Hollmén, T. E. a. J. C. F. 2015. Infectious diseases, parasites, and biological toxins in sea ducks. CRC Press, Boca Raton, FL.

Holm, K. J. and A. E. Burger. 2002. Foraging behavior and resource partitioning by diving birds during winter in areas of strong tidal currents. Waterbirds **25**:312-325.

Holm, T. E. and L. Haugaard. 2013. Effects of a Danish action plan on reducing shotgun wounding of Common Eider Somateria mollissima. Bird Study **60**:131-134.

Holopainen, S., C. Arzel, L. Dessborn, J. Elmberg, G. Gunnarsson, P. Nummi, H. Poysa, and K. Sjoberg. 2015. Habitat use in ducks breeding in boreal freshwater wetlands: a review. European Journal of Wildlife Research **61**:339-363.

Hontelez, L. C. M. P., H. M. Van Den Dungen, and A. J. Baars. 1992. Lead and cadmium in birds in the Netherlands: A preliminary survey. Archives of Environmental Contamination and Toxicology **23**:453-456.

Hopps, E. C. 2002. Information on waterfowl feather characteristics. Transactions of the Illinois State Academy of Science **95**:229-237.

Hori, M. and T. Noda. 2001. Spatio-temporal variation of avian foraging in the rocky intertidal food web. Journal of Animal Ecology **70**:122-137.

Hori, M., T. Noda, and S. Nakao. 2006. Effects of avian grazing on the algal community and small invertebrates in the rocky intertidal zone. Ecological Research **21**:768-775.

Hornung, J. P. and A. L. Foote. 2008. Comparing dietary preferences of Bufflehead ducklings in Western Canada through gut content and stable isotope analysis. Aquatic Ecology **42**:61-70.

Houston, C. S. and P. W. Brown. 1978. Longevity of White-Winged Scoters. Bird-Banding **49**:186-187.

Houston, C. S. and P. W. Brown. 1983. Recoveries of Saskatchewan Canada Banded White-Winged Scoters Melanitta-Fusca. Canadian Field-Naturalist **97**:454-455.

Howell, M. D., J. B. Grand, and P. L. Flint. 2003. Body molt of male Long-tailed Ducks in the near-shore waters of the north slope, Alaska. Wilson Bulletin **115**:170-175.

Hoyer, M. V., S. K. Notestein, T. K. Frazer, and D. E. Canfield, Jr. 2006. A comparison between aquatic birds of lakes and coastal rivers in Florida. Hydrobiologia **567**:5-18.

Huber, S., N. A. Warner, T. Nygard, M. Remberger, M. Harju, H. T. Uggerud, L. Kaj, and L. Hanssen. 2015. A broad cocktail of environmental pollutants found in eggs of three seabird species from remote colonies in Norway. Environmental Toxicology and Chemistry **34**:1296-1308.

Humphrey, P. S. 1957. Observations on the diving of the surf scoter (Melanitta perspicillata). Auk **74**:392-394.

Humphrey, P. S. 1958. Diving of a captive common eider. Condor **60**:408-410.

Hunt, B. and R. Ydenberg. 2000. Harlequins Histrionicus histrionicus in a Rocky Mountain watershed I: Background and general breeding ecology. Wildfowl **51**:155-168.

Hurley-Sanders, J. L., R. S. Larsen, B. Troan, and M. Loomis. 2015. FUNGAL OSTEOMYELITIS IN TWO BUFFLEHEAD DUCKLINGS (BUCEPHALA ALBEOLA). Journal of Zoo and Wildlife Medicine **46**:613-616.

Igl, L. D. 2003. A probable extralimital post-breeding assembly of Bufflehead Bucephala albeola in southcentral North Dakota, USA, 1994-2002. Wildfowl **54**:81-93.

Iles, D. T., R. F. Rockwell, P. Matulonis, G. J. Robertson, K. F. Abraham, J. C. Davies, and D. N. Koons. 2013. Predators, alternative prey and climate influence annual breeding success of a long-lived sea duck. Journal of Animal Ecology **82**:683-693.

Imbeau, L., M. Monkkonen, and A. Desrochers. 2001. Long-term effects of forestry on birds of the eastern Canadian boreal forests: A comparison with Fennoscandia. Conservation Biology **15**:1151-1162.

Inarsson, A. and M. L. Mangnusdottir. 1993. The effect of sediment dredging on the distribution of diving ducks at Lake Myvatn, Iceland. Biological Conservation **66**:55-60.

Inglis, I. R., J. Lazarus, and R. Torrance. 1989. The Prenesting Behavior and Time Budget of the Harlequin Duck Histrionicus-Histrionicus. Wildfowl:55-73.

Inglis, I. R., J. Lazarus, and R. L. L. F. Torrance. 2000. Breeding status and aggressive communication in the Harlequin Duck Histrionicus histrionicus. Wildfowl **51**:139-153.

Ingolfsson, A. 2007. The near-closure of a lagoon in western Iceland: how accurate were predictions of impacts on environment and biota? Journal of Coastal Conservation **11**:75-90.

Irons, D. B., S. J. Kendall, W. P. Erickson, L. L. McDonald, and B. K. Lance. 2000. Nine years after the Exxon Valdez oil spill: Effects on marine bird populations in Prince William Sound, Alaska. Condor **102**:723-737.

Isaksen, K. and V. Bakken. 1995. Breeding populations of seabirds in Svalbard. Norsk Polarinstitutt Meddelelser **0**:11-35.

Isaksen, K. and V. Bakken. 1995. Important moulting areas for seabirds in Svalbard. Norsk Polarinstitutt Meddelelser **0**:59-66.

Iverson, S. A., W. S. Boyd, D. Esler, D. M. Mulcahy, and T. D. Bowman. 2006. Comparison of the effects and performance of four types of radiotransmitters for use with scoters. Wildlife Society Bulletin **34**:656-663.

Iverson, S. A. and D. Esler. 2006. Site fidelity and the demographic implications of winter movements by a migratory bird, the harlequin duck Histrionicus histrionicus. Journal of Avian Biology **37**:219-228.

Iverson, S. A. and D. Esler. 2007. Survival of female harlequin ducks during wing molt. Journal of Wildlife Management **71**:1220-1224.

Iverson, S. A. and D. Esler. 2010. Harlequin Duck population injury and recovery dynamics following the 1989 Exxon Valdez oil spill. Ecological Applications **20**:1993-2006.

Iverson, S. A., D. Esler, and W. S. Boyd. 2003. Plumage characteristics as an indicator of age class in the Surf Scoter. Waterbirds **26**:56-61.

Iverson, S. A., D. Esler, and D. J. Rizzolo. 2004. Winter philopatry of Harlequin Ducks in Prince William Sound, Alaska. Condor **106**:711-715.

Iverson, S. A., H. G. Gilchrist, P. A. Smith, A. J. Gaston, and M. R. Forbes. 2014. Longer ice-free seasons increase the risk of nest depredation by polar bears for colonial breeding birds in the Canadian Arctic. Proceedings of the Royal Society B-Biological Sciences **281**.

Iverson, S. A., B. D. Smith, and F. Cooke. 2004. Age and sex distributions of wintering Surf Scoters: Implications for the use of age ratios as an index of recruitment. Condor **106**:252-262.

Jaari, S., K. Jaatinen, and J. Merila. 2009. Isolation and characterization of 22 polymorphic microsatellite loci for the Barrow's goldeneye (Bucephala islandica). Molecular Ecology Resources **9**:806-808.

Jaatinen, K., S. Jaari, R. B. O'Hara, M. Ost, and J. Merila. 2009. Relatedness and spatial proximity as determinants of host-parasite interactions in the brood parasitic Barrow's goldeneye (Bucephala islandica). Molecular Ecology **18**:2713-2721.

Jaatinen, K., J. Lehtonen, and H. Kokko. 2011. Strategy selection under conspecific brood parasitism: an integrative modeling approach. Behavioral Ecology **22**:144-155.

Jaatinen, K., K. Noreikiene, J. Merila, and M. Ost. 2012. Kin association during brood care in a facultatively social bird: active discrimination or by-product of partner choice and demography? Molecular Ecology **21**:3341-3351.

Jaatinen, K. and M. Ost. 2011. Experience attracts: the role of age in the formation of cooperative brood-rearing coalitions in eiders. Animal Behaviour **81**:1289-1294.

Jaatinen, K. and M. Ost. 2013. Brood Size Matching: A Novel Perspective on Predator Dilution. American Naturalist **181**:171-181.

Jaatinen, K., M. Ost, P. Gienapp, and J. Merila. 2011. Differential responses to related hosts by nesting and non-nesting parasites in a brood-parasitic duck. Molecular Ecology **20**:5328-5336.

Jaatinen, K., M. Ost, P. Gienapp, and J. Merila. 2013. Facultative Sex Allocation and Sex-Specific Offspring Survival in Barrow's Goldeneyes. Ethology **119**:146-155.

Jaatinen, K., M. Ost, and K. A. Hobson. 2016. State-dependent capital and income breeding: a novel approach to evaluating individual strategies with stable isotopes. Frontiers in Zoology **13**.

Jaatinen, K., M. Ost, and A. Lehikoinen. 2011. Adult predation risk drives shifts in parental care strategies: a long-term study. Journal of Animal Ecology **80**:49-56.

Jaatinen, K., M. Ost, P. Waldeck, and M. Andersson. 2009. Clutch desertion in Barrow's goldeneyes (Bucephala islandica) - effects of non-natal eggs, the environment and host female characteristics. Annales Zoologici Fennici **46**:350-360.

Jaatinen, K. and M. Ouml;st. 2016. Brain size-related breeding strategies in a seabird. Oecologia **180**:67-76.

Jaatinen, K., M. W. Seltmann, T. Hollmen, S. Atkinson, K. Mashburn, and M. Ost. 2013. Context dependency of baseline glucocorticoids as indicators of individual quality in a capital breeder. General and Comparative Endocrinology **191**:231-238.

Jaatinen, K., M. W. Seltmann, and M. Ost. 2014. Context-dependent stress responses and their connections to fitness in a landscape of fear. Journal of Zoology **294**:147-153.

Jackson, J. A. and W. E. Davis, Jr. 2004. Little Blue Herons and Snowy Egrets use Red-breasted Mergansers as "beaters". Oriole **69**:56-57.

Jacob, J. and A. Zeman. 1972. The Uropygial Gland Wax from the Common Scoter Melanitta-Nigra. Zeitschrift fuer Naturforschung Teil B Anorganische Chemie Organische Chemie Biochemie Biophysik Biologie **27**:695-698.

Jacob, J.-P. and P. Loly. 1996. Winter surveys of water birds in Wallonia and in the centre of Brabant: 1995/96. Aves **33**:93-106.

Jacob, J.-P., P. Loly, and T. Kinet. 2004. Results of the winter censuses of waterbirds in Wallonie and Brussels area (Belgium) between 1998-1999 and 2003-2004. Aves **41**:1-61.

Jamieson, S. E., H. G. Gilchrist, F. R. Merkel, A. W. Diamond, and K. Falk. 2006. Endogenous reserve dynamics of northern common eiders wintering in Greenland. Polar Biology **29**:585-594.

Jamieson, S. E., H. G. Gilchrist, F. R. Merkel, K. Falk, and A. W. Diamond. 2006. An evaluation of methods used to estimate carcass composition of common eiders Somateria mollissima. Wildlife Biology **12**:219-226.

Jamieson, S. E., G. J. Robertson, and H. G. Gilchrist. 2001. Autumn and winter diet of Long-tailed Duck in the Belcher Islands, Nunavut, Canada. Waterbirds **24**:129-132.

Jeffries, D. S., T. A. Clair, S. Couture, P. J. Dillon, J. Dupont, W. Keller, D. K. McNicol, M. A. Turner, R. Vet, and R. Weeber. 2003. Assessing the recovery of lakes in southeastern Canada from the effects of acidic deposition. Ambio **32**:176-182.

Jehl, J. R., Jr. 2004. Foraging by a Red-Tailed Hawk along a wetland edge: How large a duck can be captured? Wilson Bulletin **116**:354-356.

Jenssen, B. M. and M. Ekker. 1989. Rehabilitation of Oiled Birds a Physiological Evaluation of Four Cleaning Agents. Marine Pollution Bulletin **20**:509-512.

Jenssen, B. M. and M. Ekker. 1991. Dose Dependent Effects of Plumage-Oiling on Thermoregulation of Common Eiders Somateria-Mollissima Residing in Water. Polar Research **10**:579-584.

Jenssen, B. M. and M. Ekker. 1991. Effects of Plumage Contamination with Crude Oil Dispersant Mixtures on Thermoregulation in Common Eiders and Mallards. Archives of Environmental Contamination and Toxicology **20**:398-403.

Jenssen, B. M., M. Ekker, and C. Bech. 1989. Thermoregulation in Winter-Acclimatized Common Eiders Somateria-Mollissima in Air and Water. Canadian Journal of Zoology **67**:669-673.

Jepsen, P. U. 1984. Observations of Molting Eider and Breeding Common Eider Somateria-Mollissima at Nordaustlandet Svalbard Norway in 1979. Polar Research **2**:19-26.

Jessup, D. A., M. A. Miller, J. P. Ryan, H. M. Nevins, H. A. Kerkering, A. Mekebri, D. B. Crane, T. A. Johnson, and R. M. Kudela. 2009. Mass Stranding of Marine Birds Caused by a Surfactant-Producing Red Tide. PLoS One **4**:e4550.

Joensen, A. H. 1972. Oil Pollution and Sea Birds in Denmark 1935-1968. Danish Review of Game Biology **6**:1-24.

Joensen, A. H. 1972. Studies on Oil Pollution and Sea Birds in Denmark 1968-1971. Danish Review of Game Biology **6**:1-32.

Joensen, A. H. 1973. Molt Migration and Wing Feather Molt of Sea Ducks in Denmark. Danish Review of Game Biology **8**:1-42.

Joensen, A. H. and E. B. Hansen. 1977. Oil Pollution and Sea Birds in Denmark 1971-1976. Danish Review of Game Biology **10**:1-32.

Jogi, A. 1971. On the Molting Migration of the Goldeneye Bucephala and the Common Scoter Melanitta-Nigra in Estonia. Ornithologische Mitteilungen **23**:65-67.

Johnsen, E. P., T. G. Dilworth, and P. Kehoe. 1994. Change in waterfowl nest cavity density in a New Brunswick floodplain forest. Ecoscience **1**:271-274.

Johnsgard, P. A. 1960. Classification and evolutionary relationships of the sea ducks. Condor **62**:426-433.

Johnsgard, P. A. 1960. Hybridization in the Anatidae and its taxonomic implications. Condor **62**:25-33.

Johnsgard, P. A. 1961. The sexual behavior and systematic position of the Hooded Merganser. Wilson Bull **73**:227-236.

Johnsgard, P. A. 1964. Comparative behavior and relationships of the eiders. Condor **66**:113-129.

Johnson, S. R., L. E. Noel, W. J. Gazey, and V. C. Hawkes. 2005. Aerial monitoring of marine waterfowl in the Alaskan Beaufort Sea. Environmental Monitoring and Assessment **108**:1-43.

Johnson, S. R. and W. J. Richardsn. 1982. Water Bird Migration near the Yukon and Alaskan Coast of the Beaufort Sea 2. Molt Migration of Sea Ducks in Summer. Arctic **35**:291-301.

Johnson, S. R., D. A. Wiggins, and P. F. Wainwright. 1993. Late-summer abundance and distribution of marine birds in Kasegaluk Lagoon, Chukchi Sea, Alaska. Arctic **46**:212-227.

Jonassen, C. M. and K. Handeland. 2007. Avian influenza virus screening in wild waterfowl in Norway, 2005. Avian Diseases **51**:425-428.

Jonasson, P. M. 1979. The Lake Myvatn Ecosystem Iceland. Oikos **32**:289-305.

Jones, J. J. and R. D. Drobney. 1986. Winter Feeding Ecology of Scaup and Common Goldeneye Bucephala-Clangula in Michigan USA. Journal of Wildlife Management **50**:446-452.

Jonker, K. 1972. Observations of Mergansers in the Zaan District. Maandblad de Pieper **11**:17-20.

Jonsson, C. J., B. O. Lund, B. Brunstrom, and I. Brandt. 1994. Toxicity and irreversible binding of two DDT metabolites-3-methylsulfonyl-DDE and o,p'-DDD-in adrenal interrenal cells in birds. Environmental Toxicology and Chemistry **13**:1303-1310.

Jonsson, J. E. 2010. Sex ratios of Eurasian wigeon, mallard and common eider in Iceland. Natturufraedingurinn **79**:118-124.

Jonsson, J. E., A. Gardarsson, J. A. Gill, A. Petersen, and T. G. Gunnarsson. 2009. Seasonal weather effects on the common eider, a subarctic capital breeder, in Iceland over 55 years. Climate Research **38**:237-248.

Jonsson, J. E., A. Gardarsson, J. A. Gill, U. K. Petursdottir, A. Petersen, and T. G. Gunnarsson. 2013. Relationships between Long-Term Demography and Weather in a Sub-Arctic Population of Common Eider. PLoS One **8**.

Jonsson, J. E. and S. J. Luoviksson. 2013. A choice between two adjacent islands: is switching nest sites related to weather or nest density in the Common Eider (Somateria mollissima)? Ornis Fennica **90**:73-85.

Jonsson, J. E., A. Petersen, A. Garoarsson, and T. G. Gunnarsson. 2009. Population overview of eider ducks. Natturufraedingurinn **78**:46-56.

Jorgensen, J. 1941. July-August migration of the common scoter, M. nigra. Dansk Ornithol Foren Tidsskr **35**:137-143.

Jorundsdottir, H., K. Lofstrand, J. Svavarsson, A. Bignert, and A. Bergman. 2010. Organochlorine Compounds and Their Metabolites in Seven Icelandic Seabird Species - a Comparative Study. Environmental Science & Technology **44**:3252-3259.

Jorundsdottir, H., K. Lofstrand, J. Svavarsson, A. Bignert, and A. Bergman. 2013. Polybrominated diphenyl ethers (PBDEs) and hexabromocyclododecane (HBCD) in seven different marine bird species from Iceland. Chemosphere **93**:1526-1532.

Jourdain, F. C. R. 1926. The nesting of Steller's Eider in Norway. Ibis **2**:832-833.

Kahlert, J. 1994. Effects of human disturbance on broods of Red-breasted Mergansers Mergus serrator. Wildfowl **45**:222-231.

Kahlert, J., M. Coupe, and F. Cooke. 1999. Winter segregation and timing of pair formation in Red-breasted Merganser Mergus serrator. Wildfowl **49**:161-172.

Kaiser, M. J., M. Galanidi, D. A. Showler, A. J. Elliott, R. W. G. Caldow, E. I. S. Rees, R. A. Stillman, and W. J. Sutherland. 2006. Distribution and behaviour of Common Scoter Melanitta nigra relative to prey resources and environmental parameters. Ibis **148**:110-128.

Kajtoch, L. and A. Piestrzynska-Kajtoch. 2005. Settlement of the Raba River basin by the Goosander Mergus merganser. Notatki Ornitolgiczne **46**:244-246.

Kajtoch, L. and M. Zmihorski. 2013. Are Goosanders good indicators of Carpathian's submontane river valleys naturalness and biodiversity? Acta Biologica Cracoviensia Series Botanica **55**:25-25.

Kajtoch, L., M. Zmihorski, and A. Piestrzynska-Kajtoch. 2014. The Goosander as potential indicator of naturalness and biodiversity in submontane river valleys of northern Carpathians. Ecological Indicators **45**:83-92.

Kalas, J. A., T. G. Heggberget, P. A. Bjorn, and O. Reitan. 1993. Feeding behaviour and diet of goosanders (Mergus merganser) in relation to salmonid seaward migration. Aquatic Living Resources **6**:31-38.

Kalejta-Summers, B. and D. Butterfield. 2006. Numbers and distribution of wintering divers, grebes and seaducks in the Moray Firth, Scotland, 1998/99-2003/04. Wildfowl **56**:113-128.

Kalisinska, E., I. Bosiacka-Baranowska, N. Lanocha, D. Kosik-Bogacka, K. Krolaczyk, A. Wilk, K. Kavetska, H. Budis, I. Gutowska, and D. Chlubek. 2014. Fluoride concentrations in the pineal gland, brain and bone of goosander (Mergus merganser) and its prey in Odra River estuary in Poland. Environmental Geochemistry and Health **36**:1063-1077.

Kalisinska, E., H. Budis, J. Podlasinska, N. Lanocha, and K. M. Kavetska. 2010. Body condition and mercury concentration in apparently healthy goosander (Mergus merganser) wintering in the Odra estuary, Poland. Ecotoxicology **19**:1382-1399.

Kalisinska, E., J. Gorecki, A. Okonska, B. Pilarczyk, A. Tomza-Marciniak, H. Budis, N. Lanocha, D. I. Kosik-Bogacka, K. M. Kavetska, M. Macherzynski, and J. Golas. 2014. HEPATIC AND NEPHRIC MERCURY AND SELENIUM CONCENTRATIONS IN COMMON MERGANSERS, MERGUS MERGANSER, FROM BALTIC REGION, EUROPE. Environmental Toxicology and Chemistry **33**:421-430.

Kalisinska, E., J. Gorecki, A. Okonska, B. Pilarczyk, A. Tomza-Marciniak, H. Budis, N. Lanocha, D. I. Kosik-Bogacka, K. M. Kavetska, M. Macherzynski, and J. M. Golas. 2014. Mercury and selenium in the muscle of piscivorous common mergansers (Mergus merganser) from a selenium-deficient European country. Ecotoxicology and Environmental Safety **101**:107-115.

Kalisinska, E. and U. Szuberla. 1996. Heavy metals in the brain of long-tailed duck (Clangula hyemalis) wintering in the Pomeranian Bay, Poland. Biological Trace Element Research **55**:191-197.

Kallander, H. 2006. Interspecific kleptoparasitism by four species of gull Larus spp. in South Sweden. Ornis Svecica **16**:127-149.

Kapperud, G. and O. Rosef. 1983. Avian Wildlife Reservoir of Campylobacter-Fetus-Ssp-Jejuni Yersinia-Spp and Salmonella-Spp in Norway. Applied and Environmental Microbiology **45**:375-380.

Karlog, O., K. Elvestad, and B. Clausen. 1983. Heavy Metals Cadmium Copper Lead and Mercury in Common Eiders Somateria-Mollissima from Denmark. Nordisk Veterinaermedicin **35**:448-451.

Kasahara, S. and K. Koyama. 2010. Population trends of common wintering waterfowl in Japan: participatory monitoring data from 1996 to 2009. Ornithological Science **9**:23-36.

Kauhala, K. 2004. Removal of medium-sized predators and the breeding success of ducks in Finland. Folia Zoologica **53**:367-378.

Kauppinen, J. and V.-M. Vaananen. 1999. Factors affecting changes in waterfowl populations in eutrophic wetlands in the Finnish lake district. Wildlife Biology **5**:73-81.

Kay, M. F. and H. G. Gilchrist. 1998. Distraction displays made by female common eiders, Somateria mollissima borealis, in response to human disturbance. Canadian Field-Naturalist **112**:529-532.

Kehoe, F. P. 1989. The Adaptive Significance of Creching Behavior in the White-Winged Scoter Melanitta-Fusca-Deglandi. Canadian Journal of Zoology **67**:406-411.

Kehoe, F. P., P. W. Brown, and C. S. Houston. 1989. Survival and Longevity of White-Winged Scoters Nesting in Central Saskatchewan Canada. Journal of Field Ornithology **60**:133-136.

Keller, V. 2009. The Goosander Mergus merganser population breeding in the Alps and its connections to the rest of Europe. Wildfowl:60-73.

Kellett, D. K. and R. T. Alisauskas. 1997. Breeding biology of king eiders nesting on Karrak Lake, Northwest Territories. Arctic **50**:47-54.

Kellett, D. K. and R. T. Alisauskas. 2000. Body-mass dynamics of King Eiders during incubation. Auk **117**:812-817.

Kellett, D. K., R. T. Alisauskas, and K. R. Mehl. 2003. Nest-site selection, interspecific associations, and nest success of king eiders. Condor **105**:373-378.

Kellett, D. K., R. T. Alisauskas, K. R. Mehl, K. L. Drake, J. J. Traylor, and S. L. Lawson. 2005. Body mass of long-tailed ducks (Clangula hyemalis) during incubation. Auk **122**:313-318.

Kelly, B. C., M. G. Ikonomou, J. D. Blair, and F. A. P. C. Gobas. 2008. Hydroxylated and methoxylated polybrominated diphenyl ethers in a Canadian Arctic marine food web. Environmental Science & Technology **42**:7069-7077.

Kelly, J. P. and S. L. Tappen. 1998. Distribution, abundance, and implications for conservation of winter waterbirds on Tomales Bay, California. Western Birds **29**:103-120.

Kendall, M. A., M. T. Burrows, A. J. Southward, and S. J. Hawkins. 2004. Predicting the effects of marine climate change on the invertebrate prey of the birds of rocky shores. Ibis **146**:40-47.

Kennamer, R. A., W. F. I. Harvey, and G. R. Hepp. 1988. Notes on Hooded Merganser Nests in the Coastal Plain of South Carolina USA. Wilson Bulletin **100**:686-688.

Kerekes, J., R. Tordon, A. Nieuwburg, and L. Risk. 1994. Fish-eating abundance in oligotrophic lakes in Kejimkujik National Park, Nova Scotia, Canada. Hydrobiologia **279-280**:57-61.

Kertell, K. 1991. Disappearance of the Steller's Eider from the Yukon-Kuskokwim Delta Alaska. Arctic **44**:177-187.

Kesler, M., M. Vetemaa, L. Saks, and T. Saat. 2013. Survival of reared Atlantic salmon (Salmo salar) smolts during downstream migration and its timing: a case study in the Pirita River. Boreal Environment Research **18**:53-60.

Khan, R. A., C. V. Chandra, P. J. Earle, G. J. Robertson, P. Ryan, and S. Jamieson. 2011. Influence of petroleum hydrocarbons on the endoparasitic helminths of the common eider, Somateria mollissima, from Newfoundland. Journal of Helminthology **85**:430-434.

Kilham, L. 1954. Repeated territorial attacks of pied-billed grebe on ring-necked duck. Wilson Bull **66**:265-267.

Kilpi, M. and L. Lindstrom. 1997. Habitat-specific clutch size and cost of incubation in common eiders, Somateria mollissima. Oecologia (Berlin) **111**:297-301.

Kim, E. Y., T. Murakami, K. Saeki, and R. Tatsukawa. 1996. Mercury levels and its chemical form in tissues and organs of seabirds. Archives of Environmental Contamination and Toxicology **30**:259-266.

Kim, E.-Y., H. Ichihashi, K. Saeki, G. Atrashkevich, S. Tanabe, and R. Tatsukawa. 1996. Metal accumulation in tissues of seabirds from Chaun, Northeast Siberia, Russia. Environmental Pollution **92**:247-252.

Kim, J. W., J. L. A. Wood, J. W. A. Grant, and G. E. Brown. 2011. Acute and chronic increases in predation risk affect the territorial behaviour of juvenile Atlantic salmon in the wild. Animal Behaviour **81**:93-99.

King, B. 1976. Feeding Behavior of Buffleheads. British Birds **69**:105.

King, J. D. and D. Shutler. 2010. Parasite Transmission Stages in Feces of Common Eiders Flushed from their Nests. Northeastern Naturalist **17**:155-160.

Kirby, J. S., D. G. Salmon, G. L. Atkinson-Willes, and P. A. Cranswick. 1995. Index numbers for waterbird populations. III. Long-term trends in the abundance of wintering wildfowl in Great Britain, 1966/67-1991/92. Journal of Applied Ecology **32**:536-551.

Kirchhoff, K. 1982. Waterfowl Losses Caused by Fishery at the Baltic Coast of Schleswig-Holstein West Germany. Vogelwelt **103**:81-89.

Kirk, M., D. Esler, and W. S. Boyd. 2007. Morphology and density of mussels on natural and aquaculture structure habitats: implications for sea duck predators. Marine Ecology Progress Series **346**:179-187.

Kirk, M., D. Esler, S. A. Iverson, and W. S. Boyd. 2008. Movements of wintering surf scoters: predator responses to different prey landscapes. Oecologia (Berlin) **155**:859-867.

Kirk, M. K., D. Esler, and W. S. Boyd. 2007. Foraging effort of Surf Scoters (Melanitta perspicillata) wintering in a spatially and temporally variable prey landscape. Canadian Journal of Zoology **85**:1207-1215.

Kistchinski, A. A. and V. E. Flint. 1974. On the biology of the Spectacled Eider. Wildfowl **25**:5-15.

Kitchen, D. W. and G. S. Hunt. 1969. Brood Habitat of the Hooded Merganser. Journal of Wildlife Management **33**:605-608.

Knapton, R. W. and S. A. Petrie. 1999. Changes in distribution and abundance of submerged macrophytes in the Inner Bay at Long Point, Lake Erie: Implications for foraging waterfowl. Journal of Great Lakes Research **25**:783-798.

Knoche, M. J., A. N. Powell, L. T. Quakenbush, M. J. Wooller, and L. M. Phillips. 2007. Further evidence for site fidelity to wing molt locations by king eiders: Integrating stable isotope analyses and satellite telemetry. Waterbirds **30**:52-57.

Knutsen, G. A. and J. C. King. 2004. Bufflehead breeding activity in south-central North Dakota. Prairie Naturalist **36**:187-190.

Kocan, R. M. and J. O. J. Knisley. 1971. The Bufflehead Bucephala-Albeoia a New Host Record for Plasmodium. Journal of Wildlife Diseases **7**:35.

Kolarova, L., K. Skirnisson, H. Ferte, and D. Jouet. 2013. Trichobilharzia mergi sp nov (Trematoda: Digenea: Schistosomatidae), a visceral schistosome of Mergus serrator (L.) (Aves: Anatidae). Parasitology International **62**:300-308.

Kondrat'ev, A. V. 1992. Feeding niche partitioning by three coexistent diving duck species in the same habitat during brood-rearing period. Zoologicheskii Zhurnal **71**:89-101.

Kondrat'Ev, A. V. and L. V. Zadorina. 1992. Comparative Ecology of King Eider Somateria-Spectabilis and Spectacled Eider Somateria-Fischeri in Chaun Tundra. Zoologicheskii Zhurnal **71**:99-108.

Korschgen, C. E., H. C. Gibbs, and H. L. Mendall. 1978. Avian Cholera in Eider Ducks in Maine. Journal of Wildlife Diseases **14**:254-258.

Kortegaard, L. 1968. Studies of the Breeding Biology of the Red-Breasted Merganser Mergus-Serrator in Vejlerne North Jutland Denmark Vertebrate Predation. Dansk Ornitologisk Forenings Tidsskrift **62**:37-67.

Koryakin, A. S. 1982. Some Features of Bird Behavior in Broods of Common Eider Somateria-Mollissima. Vestnik Leningradskogo Universiteta Biologiya:12-19.

Koryakin, A. S. 1987. The Anthropogenic Disturbance Factor and Clutch Survival in the Eider Somateria-Mollissima L. Zhurnal Obshchei Biologii **48**:706-716.

Koskimies, J. 1957. Behavior and ecology of the young and of the brood-rearing females of the velvet scoter. II. Ann Zool Soc Zool Bot Fennicae Vanamo" **18**:1-69.

Koskimies, J. 1957. Variations in size and shape of eggs of the velvet scoter, Melanitta fusca (L. ). Arch Soc Zool Bot Fennicae Vanamo" **12**:59-69.

Koskimies, J. 1958. Juvenile mortality and its causes in the velvet scoter, melanitta fusca. Suomen Riista **12**:70-88.

Koskimies, J. and E. Routamo. 1951. Dyeing young waterfowl for research purposes Finnish with English summ. Suomen Riista **6**:156-194.

Koskimies, J. and E. Routamo. 1953. Breeding biology of the velvet scoter (Melanitta f. fusca). Riistatieteellisia Julkaisuja **10**:1-105.

Krasnov, Y. V., M. V. Gavrilo, and A. A. Shavykin. 2015. STATUS, NUMBER AND MONITORING OF THE COMMON EIDER (SOMATERIA MOLLISSIMA) POPULATION IN THE BARENTS AND WHITE SEAS. Zoologichesky Zhurnal **94**:62-67.

Krasnov, Y. V., M. V. Gavrilo, A. A. Shavykin, and P. S. Vashchenko. 2010. Sex-Age Structure of the White Sea Endemic Population of Common Eiders Somateria mollisima. Doklady Akademii Nauk **435**:568-570.

Krasnov, Y. V., G. A. Shklyarevitch, and Y. I. Goryaev. 2009. Character and Peculiarities of Feeding of Common Eider (Somateria mollissima) in White Sea. Doklady Akademii Nauk **427**:282-285.

Krementz, D. G., P. W. Brown, F. P. Kehoe, and C. S. Houston. 1997. Population dynamics of white-winged scoters. Journal of Wildlife Management **61**:222-227.

Kristjansson, T. O. and J. E. Jonsson. 2011. Effects of down collection on incubation temperature, nesting behaviour and hatching success of common eiders (Somateria mollissima) in west Iceland. Polar Biology **34**:985-994.

Kristjansson, T. O. and J. E. Jonsson. 2015. Cooperative incubation behaviour in a super dense Common Eider Somateria mollissima colony. Bird Study **62**:146-149.

Kristjansson, T. O., J. E. Jonsson, and J. Svavarsson. 2013. Spring diet of common eiders (Somateria mollissima) in BreiA degrees afjorA degrees ur, West Iceland, indicates non-bivalve preferences. Polar Biology **36**:51-59.

Kristjansson, T. O., J. E. Jonsson, and J. Svavarsson. 2016. Variation in nest composition and abundances of ectoparasites between nests in colonially breeding Common Eiders Somateria mollissima. Bird Study **63**:346-352.

Krohn, W. B. and R. B. J. Owen. 1988. Validation of a Habitat Suitability Model for Eider Nesting Islands. Transactions of the Northeast Section of the Wildlife Society **45**:18-26.

Krolaczyk, K., K. M. Kavetska, A. Stapf, and E. Kalisinska. 2012. Streptocara formosensis Sugimoto, 1930 (Nematoda: Acuariidae) in wild ducks from the southern coast of the Baltic Sea. Helminthologia **49**:247-252.

Krueger, S. and J. Richter. 1987. Remarkable Concentration of Velvet Scoters Melanitta-Fusca L. In Northern Upper Lusatia East Germany. Beitraege zur Vogelkunde **33**:224-225.

Krueger, T. and S. Garthe. 2002. The occurrence of selected seabirds and coastal birds off Wangerooge in autumn: The influence of wind direction and wind force. Journal fuer Ornithologie **143**:155-170.

Kube, J. 1996. Spatial and temporal variations in the population structure of the soft-shell clam Mya arenaria in the Pomeranian Bay (Southern Baltic Sea). Journal of Sea Research **35**:335-344.

Kurvinen, L., M. Kilpi, M. Nordstrom, and M. Ost. 2016. Drivers of decline and changed nest-site preference of the Baltic eider: an island-level analysis from south-western Finland. Ornis Fennica **93**:55-66.

Kwon, S. Y., J. D. Blum, C. Y. Chen, D. E. Meattey, and R. P. Mason. 2014. Mercury Isotope Study of Sources and Exposure Pathways of Methylmercury in Estuarine Food Webs in the Northeastern US. Environmental Science & Technology **48**:10089-10097.

Kylin, H., J. Hammar, J. Mowrer, H. Bouwman, C. Edelstam, M. Olsson, and S. Jensen. 2015. Persistent organic pollutants in biota samples collected during the Ymer-80 expedition to the Arctic. Polar Research **34**.

Laane, R., A. D. Vethaak, J. Gandrass, K. Vorkamp, A. Kohler, M. M. Larsen, and J. Strand. 2013. Chemical contaminants in the Wadden Sea: Sources, transport, fate and effects. Journal of Sea Research **82**:10-53.

Lacroix, D. L., S. Boyd, D. Esler, M. Kirk, T. Lewis, and S. Lipovsky. 2005. Surf Scoters Melanitta perspicillata aggregate in association with ephemerally abundant polychaetes. Marine Ornithology **33**:61-64.

Lacroix, D. L., R. B. Lanctot, J. A. Reed, and T. L. McDonald. 2003. Effect of underwater seismic surveys on molting male Long-tailed Ducks in the Beaufort Sea, Alaska. Canadian Journal of Zoology **81**:1862-1875.

Lacroix, D. L., K. G. Wright, and D. Kent. 2004. Observations of above-surface littoral foraging in two sea ducks, Barrow's Goldeneye, Bucephala islandica, and Surf Scoter, Melanitta perspicillata, in coastal southwestern British Columbia. Canadian Field-Naturalist **118**:264-265.

Lance, B. K., D. B. Irons, S. J. Kendall, and L. L. McDonald. 2001. An evaluation of marine bird population trends following the Exxon Valdez oil spill, Prince William Sound, Alaska. Marine Pollution Bulletin **42**:298-309.

Lance, E. W., A. C. Matz, M. K. Reeves, and L. A. Verbrugge. 2012. Petroleum hydrocarbon contamination in Nelson Lagoon, Alaska, sampling three different matrices. Marine Pollution Bulletin **64**:2129-2134.

Lanctot, R., B. Goatcher, K. Scribner, S. Talbot, B. Pierson, D. Esler, and D. Zwiefelhofer. 1999. Harlequin duck recovery from the Exxon Valdez oil spill: A population genetics perspective. Auk **116**:781-791.

Lanctot, R. B. and J. S. Gleason. 2006. Alaskan oilfield development and glaucous gulls. Arctic **59**:334-336.

Larsen, J. K. and M. Guillemette. 2000. Influence of annual variation in food supply on abundance of wintering common eiders Somateria mollissima. Marine Ecology Progress Series **201**:301-309.

Larsen, J. K. and M. Guillemette. 2007. Effects of wind turbines on flight behaviour of wintering common eiders: implications for habitat use and collision risk. Journal of Applied Ecology **44**:516-522.

Larsen, J. K. and B. Laubek. 2005. Disturbance effects of high-speed ferries on wintering sea ducks. Wildfowl **55**:99-116.

Larsen, J. L., J. Durinck, and H. Skov. 2007. Trends in chronic marine oil pollution in Danish waters assessed using 22 years of beached bird surveys. Marine Pollution Bulletin **54**:1333-1340.

Larsen, L. H., K. Sagerup, and S. Ramsvatn. 2016. The mussel path - Using the contaminant tracer, Ecotracer, in Ecopath to model the spread of pollutants in an Arctic marine food web. Ecological Modelling **331**:77-85.

Larsson, K., S. Hajdu, M. Kilpi, R. Larsson, A. Leito, and P. Lyngs. 2014. Effects of an extensive Prymnesium polylepis bloom on breeding eiders in the Baltic Sea. Journal of Sea Research **88**:21-28.

Larsson, K. and L. Tyden. 2005. Effects of oil spills on wintering Long-tailed Ducks Clangula hyemalis at Hoburgs bank in central Baltic Sea between 1996197 and 2003104. Ornis Svecica **15**:161-171.

Larsson, P. and A. Lindegren. 1987. Animals Need Not Be Killed to Reveal Their Body-Burdens of Chlorinated Hydrocarbons. Environmental Pollution **45**:73-78.

Larsson, R. 2008. Nest location fidelity in the Common Eider Somateria mollissima at Utklippan in the Baltic Sea. Ornis Svecica **18**:123-126.

Latham, R. 1971. Notes on Summering Sea Ducks on Eastern Long Island. Engelhardtia **4**:55.

Latty, C. J., T. E. Hollmen, M. R. Petersen, A. N. Powell, and R. D. Andrews. 2016. Biochemical and clinical responses of Common Eiders to implanted satellite transmitters. Condor **118**:489-501.

Laubhan, M. K. and K. A. Metzner. 1999. Distribution and diurnal behavior of Steller's Eiders wintering on the Alaska Peninsula. Condor **101**:694-698.

Laurila, T. 1988. The Role of Genetic Factors on Clutch Size and Egg Dimensions in the Common Eider Somateria-Mollissima. Finnish Game Research:11-18.

Laurila, T. 1989. Nest Site Selection in the Common Eider Somateria-Mollissima Differences between the Archipelago Zones. Ornis Fennica **66**:100-111.

Laurila, T. and M. Hario. 1988. Environmental and Genetic Factors Influencing Clutch Size Egg Volume Date of Laying and Female Weight in the Common Eider Somateria-Molissima. Finnish Game Research:19-30.

Laursen, K. 1989. Estimates of Sea Duck Winter Populations of the Western Palearctic. Danish Review of Game Biology **13**:2-20.

Laursen, K. and J. Frikke. 1987. Winter Counts of Seabirds Off the Southwest Coast of Denmark. Dansk Ornitologisk Forenings Tidsskrift **81**:167-169.

Laursen, K. and J. Frikke. 2006. Assessment of sustainable management of staging waterbirds in the Danish Wadden Sea. Wildfowl **56**:152-171.

Laursen, K. and J. Frikke. 2008. Hunting from motorboats displaces Wadden Sea eiders Somateria mollissima from their favoured feeding distribution. Wildlife Biology **14**:423-433.

Laursen, K., J. Frikke, and J. Kahlert. 2008. Accuracy of 'total counts' of waterbirds from aircraft in coastal waters. Wildlife Biology **14**:165-175.

Laursen, K., J. Kahlert, and J. Frikke. 2005. Factors affecting escape distances of staging waterbirds. Wildlife Biology **11**:13-19.

Laursen, K. and A. P. Moller. 2014. Long-Term Changes in Nutrients and Mussel Stocks Are Related to Numbers of Breeding Eiders Somateria mollissima at a Large Baltic Colony. PLoS One **9**.

Laursen, K. and A. P. Moller. 2016. Your tools disappear when you stop eating: phenotypic variation in gizzard mass of eiders. Journal of Zoology **299**:213-220.

Laursen, K., A. P. Moller, and T. E. Holm. 2016. Dynamic group size and displacement as avoidance strategies by eiders in response to hunting. Wildlife Biology **22**:174-181.

Lavers, J. L., J. E. Thompson, C. A. Paszkowski, and C. D. Ankney. 2006. Variation in size and composition of Bufflehead (Bucephala albeola) and Barrow's Goldeneye (Bucephala islandica) eggs. Wilson Journal of Ornithology **118**:173-177.

Lavoie, R. A., L. Champoux, J.-F. Rail, and D. R. S. Lean. 2010. Organochlorines, brominated flame retardants and mercury levels in six seabird species from the Gulf of St. Lawrence (Canada): Relationships with feeding ecology, migration and molt. Environmental Pollution **158**:2189-2199.

Lazarus, J., I. R. Inglis, and R. L. L. F. Torrance. 2004. Mate guarding conflict, extra-pair courtship and signalling in the harlequin duck, Histrionicus histrionicus. Behaviour **141**:1061-1078.

Leafloor, J. O., J. E. Thompson, and C. D. Ankney. 1996. Body mass and carcass composition of fall migrant Oldsquaws. Wilson Bulletin **108**:567-572.

Lebedeva, D. I., G. A. Yakovleva, and E. P. Ieshko. 2015. Nematodes in the mallard (Anas platyrhynchos Linnaeus, 1758) and the common goldeneye (Bucephala clangula Linnaeus, 1758) (Anatidae) from Northern Europe. Parasitology Research **114**:3935-3937.

LeBourdais, S. V., R. C. Ydenberg, and D. Esler. 2009. Fish and harlequin ducks compete on breeding streams. Canadian Journal of Zoology **87**:31-40.

Legagneux, P., L. L. Berzins, M. Forbes, N. J. Harms, H. L. Hennin, S. Bourgeon, H. G. Gilchrist, J. Bety, C. Soos, O. P. Love, J. T. Foster, S. Descamps, and G. Burness. 2014. No selection on immunological markers in response to a highly virulent pathogen in an Arctic breeding bird. Evolutionary Applications **7**:765-773.

Lehikoinen, A. and K. Jaatinen. 2012. Delayed autumn migration in northern European waterfowl. Journal of Ornithology **153**:563-570.

Lehikoinen, A., K. Jaatinen, A. V. Vahatalo, P. Clausen, O. Crowe, B. Deceuninckk, R. Hearn, C. A. Holt, M. Hornman, V. Keller, L. Nilsson, T. Langendoen, I. Tomankova, J. Wahl, and A. D. Fox. 2013. Rapid climate driven shifts in wintering distributions of three common waterbird species. Global Change Biology **19**:2071-2081.

Lehikoinen, A., M. Ost, T. Hollmen, and M. Kilpi. 2008. Does Sex-Specific Duckling Mortality Contribute to Male Bias in Adult Common Eiders? Condor **110**:574-578.

Leipe, T. and J. Scabell. 1990. Rolling Flock Movement of Foraging Long-Tailed Ducks Clangula-Hyemalis. Vogelwelt **111**:224-229.

Lemelin, L.-V., M. Darveau, L. Imbeau, and D. Bordage. 2010. Wetland Use and Selection by Breeding Waterbirds in the Boreal Forest of Quebec, Canada. Wetlands **30**:321-332.

Leopold, M., H. Baptist, P. Wolf, and H. Offringa. 1995. Common Scoters Melanitta nigra in The Netherlands. Limosa **68**:49-64.

Lepage, C. and D. Bordage. 2013. Status of Quebec waterfowl populations, 2009. Canadian Wildlife Service.

Lesage, L., A. Reed, and J.-P. L. Savard. 1996. Plumage developement and growth of wild Surf Scoter Melanitta perspicillata ducklings. Wildfowl **47**:198-203.

Lesage, L., A. Reed, and J.-P. L. Savard. 2008. Duckling survival and use of space by surf scoter (Melanitta perspicillata) broods. Ecoscience **15**:81-88.

Lesage, L., J.-P. L. Savard, and A. Reed. 1997. A simple technique to capture breeding adults and broods of surf scoters, Melanitta perspicillata. Canadian Field-Naturalist **111**:657-659.

Lewartowski, Z., T. Stawarczyk, and A. Winiecki. 1986. The Occurrence of Scaup Aythya-Marila Eider Somateria-Mollissima Long-Tailed Duck Clangula-Hyemalis Common Scoter Melanitta-Nigra Velvet Scoter Melanitta-Fusca in Inland Areas in Poland. Acta Ornithologica (Warsaw) **22**:51-92.

Lewis, T. L., D. Esler, and W. S. Boyd. 2007. Effects of predation by sea ducks on clam abundance in soft-bottom intertidal habitats. Marine Ecology Progress Series **329**:131-144.

Lewis, T. L., D. Esler, and W. S. Boyd. 2007. Foraging behaviors of Surf Scoters and White-winged Scoters during spawning of Pacific herring. Condor **109**:216-222.

Lewis, T. L., D. Esler, and W. S. Boyd. 2008. Foraging behavior of Surf Scoters (Melanitta perspicillata) and White-winged Scoters (M-fusca) in relation to clam density: Inferring food availability and habitat quality. Auk **125**:149-157.

Lewis, T. L., D. Esler, W. S. Boyd, and R. Zydelis. 2005. Nocturnal foraging behavior of wintering surf scoters and White-winged Scoters. Condor **107**:637-647.

Lewis, T. L., M. S. Lindberg, J. A. Schmutz, M. R. Bertram, and A. J. Dubour. 2015. Species Richness and Distributions of Boreal Waterbird Broods in Relation to Nesting and Brood-Rearing Habitats. Journal of Wildlife Management **79**:296-310.

Limpert, R. J. 1980. Homing Success of Adult Buffleheads Bucephala-Albeola to a Maryland USA Wintering Site. Journal of Wildlife Management **44**:905-908.

Lind, O. E., A. Kelber, and R. H. H. Kroger. 2008. Multifocal optical systems and pupil dynamics in birds. Journal of Experimental Biology **211**:2752-2758.

Lindroth, A. and E. V. A. Bergstom. 1959. Notes on the feeding technique of the goosander in streams. Rept Inst Freshwater Res Drottningholm **40**:165-175.

Little, B. and R. W. Furness. 1985. Long-Distance Molt Migration by British Uk Goosanders Mergus-Merganser. Ringing and Migration **6**:77-82.

Liu, G., L. Z. Zhou, and C. M. Gu. 2012. Complete sequence and gene organization of the mitochondrial genome of scaly-sided merganser (Mergus squamatus) and phylogeny of some Anatidae species. Molecular Biology Reports **39**:2139-2145.

Liu, X. and K. W. Wirtz. 2010. Managing coastal area resources by stated choice experiments. Estuarine Coastal and Shelf Science **86**:512-517.

Livezey, B. C. 1989. Phylogenetic Relationships and Incipient Flightlessness of the Extinct Auckland Islands Merganser. Wilson Bulletin **101**:410-435.

Livezey, B. C. 1995. Phylogeny and evolutionary ecology of modern seaducks (Anatidae: Mergini). Condor **97**:233-255.

Lock, A. R. 1987. A Census of Common Eiders Breeding in Labrador and the Maritime Provinces Canada. Pages 30-38 Reed, A. (Ed.). Canadian Wildlife Service Report Series, No. 47. Eider Ducks in Canada. V+177p. Canadian Wildlife Service: Ste-Foy, Quebec, Canada. Illus. Maps. Paper.

Locke, L. N., J. B. DeWitt, C. M. Menzie, and J. A. Kerwin. 1964. A merganser die-off associated with larval Eustrongylides. Avian Dis **8**:420-427.

Loegering, J. P. and R. G. Anthony. 1999. Distribution, abundance, and habitat association of riparian-obligate and -associated birds in the Oregon Coast Range. Northwest Science **73**:168-185.

Lok, E. K., D. Esler, J. Y. Takekawa, S. W. De La Cruz, W. S. Boyd, D. R. Nysewander, J. R. Evenson, and D. H. Ward. 2011. Stopover Habitats of Spring Migrating Surf Scoters in Southeast Alaska. Journal of Wildlife Management **75**:92-100.

Lok, E. K., D. Esler, J. Y. Takekawa, S. W. De La Cruz, W. S. Boyd, D. R. Nysewander, J. R. Evenson, and D. H. Ward. 2012. Spatiotemporal associations between Pacific herring spawn and surf scoter spring migration: evaluating a 'silver wave' hypothesis. Marine Ecology Progress Series **457**:139-150.

Lok, E. K., M. Kirk, D. Esler, and W. S. Boyd. 2008. Movements of Pre-migratory Surf and White-winged Scoters in Response to Pacific Herring Spawn. Waterbirds **31**:385-393.

Loken, B. R., C. N. Spencer, and W. O. Granath, Jr. 1995. Prevalence and transmission of cercariae causing schistosome dermatitis in Flathead Lake, Montana. Journal of Parasitology **81**:646-649.

Lorentsen, S. H., T. Anker-Nilssen, R. T. Kroglund, and J. E. Ostnes. 1993. An assessment of the effects on seabirds of oil exploration in the Norwegian part of the Skagerrak. NINA (Norsk Institutt for Naturforskning) Forskningsrapport **0**:1-84.

Loring, P. H., P. W. C. Paton, S. R. McWilliams, R. A. McKinney, and C. A. Oviatt. 2013. Densities of Wintering Scoters in Relation to Benthic Prey Assemblages in a North Atlantic Estuary. Waterbirds **36**:144-155.

Loring, P. H., P. W. C. Paton, J. E. Osenkowski, S. G. Gilliland, J. P. L. Savard, and S. R. McWilliams. 2014. Habitat Use and Selection of Black Scoters in Southern New England and Siting of Offshore Wind Energy Facilities. Journal of Wildlife Management **78**:645-656.

Lougheed, L. W., A. Breault, and D. B. Lank. 1999. Estimating statistical power to evaluate ongoing waterfowl population monitoring. Journal of Wildlife Management **63**:1359-1369.

Love, O. P., H. G. Gilchrist, J. Bety, K. E. Wynne-Edwards, L. Berzins, and T. D. Williams. 2009. Using life-histories to predict and interpret variability in yolk hormones. General and Comparative Endocrinology **163**:169-174.

Love, O. P., H. G. Gilchrist, S. Descamps, C. A. D. Semeniuk, and J. Bety. 2010. Pre-laying climatic cues can time reproduction to optimally match offspring hatching and ice conditions in an Arctic marine bird. Oecologia (Berlin) **164**:277-286.

Lovvorn, J. R., E. M. Anderson, A. R. Rocha, W. W. Larned, J. M. Grebmeier, L. W. Cooper, J. M. Kolts, and C. A. North. 2014. Variable wind, pack ice, and prey dispersion affect the long-term adequacy of protected areas for an Arctic sea duck. Ecological Applications **24**:396-412.

Lovvorn, J. R., S. E. W. De La Cruz, J. Y. Takekawa, L. E. Shaskey, and S. E. Richman. 2013. Niche overlap, threshold food densities, and limits to prey depletion for a diving duck assemblage in an estuarine bay. Marine Ecology Progress Series **476**:251-+.

Lovvorn, J. R., J. M. Grebmeier, L. W. Cooper, J. K. Bump, and S. E. Richman. 2009. Modeling marine protected areas for threatened eiders in a climatically changing Bering Sea. Ecological Applications **19**:1596-1613.

Lovvorn, J. R. and D. R. Jones. 1991. Body Mass Volume and Buoyancy of Some Aquatic Birds and Their Relation to Locomotor Strategies. Canadian Journal of Zoology **69**:2888-2892.

Lovvorn, J. R. and G. A. Liggins. 2002. Interactions of body shape, body size and stroke-acceleration patterns in costs of underwater swimming by birds. Functional Ecology **16**:106-112.

Lovvorn, J. R., R. H. Mossotti, J. J. Wilson, and D. McKay. 2012. Eiders in offshore pack ice show previously unknown courtship behavior: acceleration of readiness for a constrained breeding period? Polar Biology **35**:1087-1095.

Lovvorn, J. R., M. F. Raisbeck, L. W. Cooper, G. A. Cutter, M. W. Miller, M. L. Brooks, J. M. Grebmeier, A. C. Matz, and C. M. Schaefer. 2013. Wintering eiders acquire exceptional Se and Cd burdens in the Bering Sea: physiological and oceanographic factors. Marine Ecology Progress Series **489**:245-+.

Lovvorn, J. R., S. E. Richman, J. M. Grebmeier, and L. W. Cooper. 2003. Diet and body condition of spectacled eiders wintering in pack ice of the Bering Sea. Polar Biology **26**:259-267.

Lovvorn, J. R., A. R. Rocha, S. C. Jewett, D. Dasher, S. Oppel, and A. N. Powell. 2015. Limits to benthic feeding by eiders in a vital Arctic migration corridor due to localized prey and changing sea ice. Progress in Oceanography **136**:162-174.

Lovvorn, J. R., J. J. Wilson, D. McKay, J. K. Bump, L. W. Cooper, and J. M. Grebmeier. 2010. Walruses Attack Spectacled Eiders Wintering in Pack Ice of the Bering Sea. Arctic **63**:53-56.

Ludwichowski, I., R. Barker, and S. Braeger. 2002. Nesting area fidelity and survival of female Common Goldeneyes Bucephala clangula: Are they density-dependent? Ibis **144**:452-460.

Luebcke, W. and H. Stiebel. 1996. 25 Years of International Waterbird Count in the Edersee area (winter term 1970/71 to 1994/95). Vogelkundliche Hefte Edertal **0**:7-24.

Lukeman, R., Y.-X. Li, and L. Edelstein-Keshet. 2010. Inferring individual rules from collective behavior. Proceedings of the National Academy of Sciences of the United States of America **107**:12576-12580.

Lukernan, R. 2014. Ordering dynamics in collectively swimming Surf Scoters. Journal of Theoretical Biology **355**:151-159.

Lumsden, H. G., R. E. Page, and M. Gauthier. 1980. Choice of Nest Boxes by Common Goldeneyes Bucephala-Clangula in Ontario Canada. Wilson Bulletin **94**:497-505.

Lumsden, H. G. and R. Wenting. 1976. Common Goldeneyes Hatching from Cracked Eggs. Auk **93**:833-835.

Lusignan, A. P., K. R. Mehl, I. L. Jones, and M. L. Gloutney. 2010. Conspecific Brood Parasitism in Common Eiders (Somateria Mollissima): Do Brood Parasites Target Safe Nest Sites? Auk **127**:765-772.

Lysfjord, S. 1981. Polymorphus-Minutus Acanthocephala a Common Parasite in Common Eider Somateria-Mollissima in Norway. Fauna (Oslo) **34**:126-128.

MacKinnon, C. and A. Kennedy. 2006. An observation of the spring 2006 migration of Black Scoter Melanitta nigra, in Northumberland Strait, interrupted by the Confederation Bridge, New Brunswick - Prince Edward Island. Canadian Field-Naturalist **120**:233-234.

MacKinnon, C. M. and A. C. Kennedy. 2011. Migrant Common Eider, Somateria mollissima, Collisions with Power Transmission Lines and Shortwave Communication Towers on the Tantramar Marsh in Southeastern New Brunswick. Canadian Field-Naturalist **125**:41-46.

Madenjian, C. P. and S. W. Gabrey. 1995. Waterbird predation on fish in western Lake Erie: A bioenergetics model application. Condor **97**:141-153.

Maftei, M., S. E. Davis, and M. L. Mallory. 2015. Assessing regional populations of ground-nesting marine birds in the Canadian High Arctic. Polar Research **34**.

Magnusson, K. G. 1992. Birds of the Thingvallavatn Area. Oikos **64**:381-395.

Maisonneuve, C. 2003. Importance of large diameter trees and snags for cavity nesting ducks and raptors in the northern forests of Quebec. Vogelwarte **42**:60.

Mallory, M. and K. Metz. 1999. Common merganser: Mergus merganser. Birds of North America:1-27.

Mallory, M. L. 2015. Site fidelity, breeding habitats, and the reproductive strategies of sea ducks. CRC Press, Boca Raton, FL.

Mallory, M. L., J. Akearok, N. R. North, D. V. Weseloh, and S. Lair. 2006. Movements of Long-tailed Ducks wintering on Lake Ontario to breeding areas in Nunavut, Canada. Wilson Journal of Ornithology **118**:494-501.

Mallory, M. L., B. M. Braune, G. J. Robertson, H. G. Gilchrist, C. D. Mallory, M. R. Forbes, and R. Wells. 2014. Increasing cadmium and zinc levels in wild common eiders breeding along Canada's remote northern coastline. Science of the Total Environment **476**:73-78.

Mallory, M. L., B. M. Braune, M. Wayland, H. G. Gilchrist, and D. L. Dickson. 2004. Contaminants in common elders (Somateria mollissima) of the Canadian Arctic. Environmental Reviews **12**:197-218.

Mallory, M. L., A. J. Fontaine, and J. Akearok. 2003. Status of the Harlequin Duck Histrionicus histrionicus on Baffin Island, Nunavut, Canada. Wildfowl **54**:95-102.

Mallory, M. L., A. J. Fontaine, J. A. Akearok, and H. G. Gilchrist. 2008. Harlequin Ducks in Nunavut. Waterbirds **31**:15-18.

Mallory, M. L. and H. G. Gilchrist. 2003. Marine birds breeding in Penny Strait and Queens Channel, Nunavut, Canada. Polar Research **22**:399-403.

Mallory, M. L. and H. G. Gilchrist. 2005. Marine birds of the Hell Gate Polynya, Nunavut, Canada. Polar Research **24**:87-93.

Mallory, M. L., H. G. Gilchrist, S. E. Jamieson, G. J. Robertson, and D. G. Campbell. 2001. Unusual migration mortality of King Eiders in central Baffin Island. Waterbirds **24**:453-456.

Mallory, M. L., C. M. Little, E. S. Boyd, J. Ballard, K. H. Elliott, H. G. Gilchrist, J. M. Hipfner, A. Petersen, and D. Shutler. 2015. Leucocyte profiles of Arctic marine birds: correlates of migration and breeding phenology. Conservation Physiology **3**.

Mallory, M. L. and H. G. Lumsden. 1994. Notes on egg laying and incubation in the Common Merganser. Wilson Bulletin **106**:757-759.

Mallory, M. L., H. G. Lumsden, and R. A. Walton. 1993. Nesting habits of Hooded Mergansers Mergus cucullatus in northeastern Ontario. Wildfowl **44**:101-107.

Mallory, M. L., L. Mahon, M. D. Tomlik, C. White, G. R. Milton, and I. Spooner. 2015. Colonial Marine Birds Influence Island Soil Chemistry Through Biotransport of Trace Elements. Water Air and Soil Pollution **226**.

Mallory, M. L. and D. K. McNicol. 1998. Movements on the nest during incubation by cavity-nesting waterfowl. Wildfowl **48**:127-134.

Mallory, M. L., D. K. McNicol, R. A. Walton, and M. Wayland. 1998. Risk-taking by incubating Common Goldeneyes and Hooded Mergansers. Condor **100**:694-701.

Mallory, M. L., D. K. McNicol, and P. J. Weatherhead. 1994. Habitat quality and reproductive effort of common goldeneyes nesting near Sudbury, Canada. Journal of Wildlife Management **58**:552-560.

Mallory, M. L., A. Taverner, B. Bower, and D. Crook. 2002. Wood duck and hooded merganser breeding success in nest boxes in Ontario. Wildlife Society Bulletin **30**:310-316.

Mallory, M. L., R. A. Walton, and D. K. McNicol. 1999. Influence of intraspecific competition and habitat quality on diurnal activity budgets of breeding common goldeneyes. Ecoscience **6**:481-486.

Mallory, M. L., M. Wayland, B. M. Braune, and K. G. Drouillard. 2004. Trace elements in marine birds, Arctic hare and ringed seals breeding near Qikiqtarjuaq, Nunavut, Canada. Marine Pollution Bulletin **49**:135-141.

Mallory, M. L. and P. J. Weatherhead. 1990. Effects of Nest Parasitism and Nest Location on Eggshell Strength in Waterfowl. Condor **92**:1031-1039.

Mallory, M. L. and P. J. Weatherhead. 1993. Incubation rhythms and mass loss of common goldeneyes. Condor **95**:849-859.

Mallory, M. L. and P. J. Weatherhead. 1993. Observer effects on common goldeneye nest defense. Condor **95**:467-469.

Mallory, M. L. and P. J. Weatherhead. 1993. Responses of nesting mergansers to parasitic common goldeneye eggs. Animal Behaviour **46**:1226-1228.

Mallory, M. L., P. J. Weatherhead, D. K. McNicol, and M. E. Wayland. 1993. Nest site selection by common goldeneyes in response to habitat features influenced by acid precipitation. Ornis Scandinavica **24**:59-64.

Manning, T. H. and A. H. MacPherson. 1952. Birds of the east James Bay coast between Long Point and Cape Jones. Canadian Field Nat **66**:1-35.

Marche, S. and T. van den Berg. 2010. Evaluation of Rapid Antigen Detection Kits for the Diagnosis of Highly Pathogenic Avian Influenza H5N1 Infection. Avian Diseases **54**:650-654.

Marinkovic, S. P., S. B. Skoric, Z. S. Popovic, and M. V. Nikcevic. 2008. Research on long-term colonization of goosander (Mergus merganser Linneaus, 1758) with reference to habitat availability. Archives of Biological Sciences **60**:501-506.

Marquiss, M. and K. Duncan. 1993. Variation in the abundance of red-breasted mergansers Mergus serrator on a Scottish river in relation to season, year, river hydrography, salmon density and spring culling. Ibis **135**:33-41.

Marquiss, M. and K. Duncan. 1994. Diurnal activity patterns of Goosanders Mergus merganser on a Scottish river system. Wildfowl **45**:209-221.

Marquiss, M. and K. Duncan. 1994. Seasonal switching between habitats and changes in abundance of Goosanders Mergus merganser within a Scottish river system. Wildfowl **45**:198-208.

Martel, G. 1996. Growth rate and influence of predation risk on territoriality in juvenile coho salmon (Oncorhynchus kisutch). Canadian Journal of Fisheries and Aquatic Sciences **53**:660-669.

Martel, G. and L. M. Dill. 1993. Feeding and aggressive behaviours in juvenile coho salmon (Oncorhynchus kisutch) under chemically-mediated risk of predation. Behavioral Ecology and Sociobiology **32**:365-370.

Martel, G. and L. M. Dill. 1995. Influence of Movement of Coho Salmon (Oncorhynchus kisutch) Parr on Their Detection by Common Mergansers (Mergus merganser). Ethology **99**:139-149.

Martin, P. D., D. C. Douglas, T. Obritschkewitsch, and S. Torrence. 2015. Distribution and movements of Alaska-breeding Steller's Eiders in the nonbreeding period. Condor **117**:341-353.

Martin, P. R. and B. M. Di Labio. 1994. Natural hybrids between the Common Goldeneye, Bucephala clangula, and barrow's Goldeneye, B. islandica. Canadian Field-Naturalist **108**:195-198.

Masden, E. A., D. T. Haydon, A. D. Fox, R. W. Furness, R. Bullman, and M. Desholm. 2009. Barriers to movement: impacts of wind farms on migrating birds. ICES Journal of Marine Science **66**:746-753.

Masden, E. A., R. Reeve, M. Desholm, A. D. Fox, R. W. Furness, and D. T. Haydon. 2012. Assessing the impact of marine wind farms on birds through movement modelling. Journal of the Royal Society Interface **9**:2120-2130.

Mashima, T. Y., W. J. Fleming, and M. K. Stoskopf. 1998. Metal concentrations in oldsquaw (Clangula hyemalis) during an outbreak of avian cholera, Chesapeake Bay, 1994. Ecotoxicology **7**:107-111.

Mason, C. F. and S. M. Macdonald. 2000. Numbers of wintering waterbirds on rivers in eastern England. Wildfowl **51**:215-219.

Mason, J. W., G. J. McChesney, W. R. McIver, H. R. Carter, J. Y. Takekawa, R. T. Golightly, J. T. Ackerman, D. L. Orthmeyer, W. M. Perry, J. L. Yee, M. O. Pierson, and M. D. McCrary. 2007. At-sea distribution and abundance of seabirds off southern California: A 20-year comparison. Studies in Avian Biology:1-101.

Matczuk, A. K., M. Krawiec, and A. Wieliczko. 2015. A new duck circovirus sequence, detected in velvet scoter (Melanitta fusca) supports great diversity among this species of virus. Virology Journal **12**.

Mather, D. D. and D. Esler. 1999. Evaluation of bursal depth as an indicator of age class of Harlequin Ducks. Journal of Field Ornithology **70**:200-205.

Mathiasson, S. 1970. Numbers and Distribution of Long-Tailed Wintering Ducks in Northern Europe. British Birds **63**:414-424.

Matson, C. W., J. C. Franson, T. Hollmen, M. Kilpi, M. Hario, P. L. Flint, and J. W. Bickham. 2004. Evidence of chromosomal damage in common eiders (Somateria mollissima) from the Baltic Sea. Marine Pollution Bulletin **49**:1066-1071.

Mattig, F. R., H.-U. Roesner, K. Giessing, and P. H. Becker. 2000. Environmental chemicals in eggs of Dunlins (Calidris alpina) from Northern Norway compared to eggs of coastal bird species breeding in the Wadden Sea. Journal fuer Ornithologie **141**:361-369.

Mawhinney, K. and A. W. Diamond. 1999. Using radio-transmitters to improve estimates of gull predation on Common Eider ducklings. Condor **101**:824-831.

Maxwell, E. E. 2008. Ossification sequence of the avian order Anseriformes, with comparison to other precocial birds. Journal of Morphology **269**:1095-1113.

Mazak, E. J. and H. J. Macisaac. 1994. Dietary exposure to organic contaminants of waterfowl that consume zebra mussels. American Zoologist **34**:60A.

Mazak, E. J., H. J. Macisaac, M. R. Servos, and R. Hesslein. 1997. Influence of feeding habits on organochlorine contaminant accumulation in waterfowl on the Great Lakes. Ecological Applications **7**:1133-1143.

McAlpine, D. F. 1996. Common eider, Somateria mollissima, incubates Gadwall, Anas strepera, eggs: A case of clutch adoption due to human disturbance? Canadian Field-Naturalist **110**:707-708.

McCaffery, B. J., M. L. Wege, and C. A. Nicolai. 1999. Spring migration of Spectacled Eiders at Cape Romanzof, Alaska. Western Birds **30**:167-173.

McCall, T. C., T. P. Hodgman, D. R. Diefenbach, and R. B. Owen, Jr. 1996. Beaver populations and their relation to wetland habitat and breeding waterfowl in Maine. Wetlands **16**:163-172.

McCaw, J. H. I., P. J. Zwank, and R. L. Steiner. 1996. Abundance, distribution, and behavior of common mergansers wintering on a reservoir in southern New Mexico. Journal of Field Ornithology **67**:669-679.

McCutchen, N. A. 2002. The response of stonefly (Plecoptera) nymphs to seasonal increases in predation risk. Canadian Journal of Zoology **80**:967-972.

McCutchen, N. A. and R. C. Ydenberg. 2005. Harlequin Duck Histrionicus histrionicus distribution and stonefly nymph availability in the Maligne Valley watershed - a preliminary study. Wildfowl **55**:75-82.

McGilvrey, F. B. 1966. Nesting of hooded mergansers Lophodytes cucullatus on the Patuxent Wildlife Research Center, Laurel, Maryland. Auk **83**:477-479.

McHugh, K. P., C. S. Madsen, and S. R. De Kloet. 1990. A Highly Repeated Retropseudogene-Like Sequence in DNA of the Red-Breasted Merganser Mergus-Serrator. Gene (Amsterdam) **87**:193-198.

McKelvey, R. W., I. Robertson, and P. E. Whitehead. 1980. Effect of Nonpetroleum Oil Spills on Wintering Birds near Vancouver British-Columbia Canada. Marine Pollution Bulletin **11**:169-171.

McKinney, R. A. and S. R. McWilliams. 2005. A new model to estimate daily energy expenditure for wintering waterfowl. Wilson Bulletin **117**:44-55.

McKinney, R. A., S. R. McWilliams, and M. A. Charpentier. 2007. Habitat characteristics associated with the distribution and abundance of Histrionicus histrionicus (Harlequin Ducks) wintering in southern New England. Northeastern Naturalist **14**:159-170.

McKinney, R. A., K. B. Raposa, and C. L. Trocki. 2015. Status and Distribution of Wintering Waterfowl in Narragansett Bay, Rhode Island, 2005-2014. Northeastern Naturalist **22**:730-745.

McKinnon, L., H. G. Gilchrist, and K. T. Scribner. 2006. Genetic evidence for kin-based female social structure in common eiders (Somateria mollissima). Behavioral Ecology **17**:614-621.

McKnney, F. 1965. The spring behavior of wild Steller Eiders. Condor **67**:273-290.

McLaren, M. A. and W. G. Alliston. 1985. Effects of Snow and Ice on Waterfowl Distribution in the Central Canadian Arctic Islands. Arctic **38**:43-52.

McLaren, P. L. and M. A. McLaren. 1982. Waterfowl Populations in Eastern Lancaster Sound and Western Baffin Bay Canada. Arctic **35**:149-157.

McLaren, W. D. 1969. Further Data on Interspecific Competition at a Joint Bufflehead Goldeneye Nest Site. Canadian Field-Naturalist **83**:59-60.

McNair, D. B. 1981. Common Eider Somateria-Mollissima Plays Possum. Wilson Bulletin **93**:559-560.

McNicol, D. K., R. A. Walton, and M. L. Mallory. 1997. Monitoring nest box use by cavity-nesting ducks on acid-stressed lakes in Ontario, Canada. Wildlife Biology **3**:1-12.

Measures, L. N. 1988. The Development and Pathogenesis of Eustrongylides-Tubifex Nematoda Dioctophymatoidea in Piscivorous Birds. Canadian Journal of Zoology **66**:2223-2232.

Measures, L. N. 1988. Epizootiology Pathology and Description of Eustrongylides-Tubifex Nematoda Dioctophymatoidea in Fish. Canadian Journal of Zoology **66**:2212-2222.

Measures, L. N. 1988. Revision of the Genus Eustrongylides Jagerskiold 1909 Nematoda Dioctopymatoidea of Piscivorous Birds. Canadian Journal of Zoology **66**:885-895.

Meattey, D. E., L. Savoy, J. Beuth, N. Pau, K. O'Brien, J. Osenkowski, K. Regan, B. Lasorsa, and I. Johnson. 2014. Elevated mercury levels in a wintering population of common eiders (Somateria mollissima) in the northeastern United States. Marine Pollution Bulletin **86**:229-237.

Meek, E. R. and B. Little. 1977. Ringing Studies of Goosanders in Northumberland. British Birds **70**:273-283.

Meek, E. R. and B. Little. 1977. The Spread of the Goosander in Britain and Ireland. British Birds **70**:229-237.

Meese, R. J. 1993. EFFECTS OF PREDATION BY BIRDS ON GOOSENECK BARNACLE POLLICIPES-POLYMERUS SOWERBY DISTRIBUTION AND ABUNDANCE. Journal of Experimental Marine Biology and Ecology **166**:47-64.

Mehl, K. R. and R. T. Alisauskas. 2007. King eider (Somateria spectabilis) brood ecology: Correlates of duckling survival. Auk **124**:606-618.

Mehl, K. R., R. T. Alisauskas, K. A. Hobson, and D. K. Kellett. 2004. To winter East or West? Heterogeneity in winter philopatry in a central-Arctic population of King Eiders. Condor **106**:241-251.

Mehl, K. R., R. T. Alisauskas, K. A. Hobson, and F. R. Merkel. 2005. Linking breeding and wintering areas of king eiders: Making use of polar isotopic gradients. Journal of Wildlife Management **69**:1297-1304.

Mehlum, F. 1991. Breeding Population Size of the Common Eider Somateria-Mollissima in Kongsfjorden Svalbard Arctic Ocean 1981-1987. Norsk Polarinstitutt Skrifter:21-30.

Mehlum, F. 1991. Egg Predation in a Breeding Colony of the Common Eider Somateria-Mollissima in Kongsfjorden Svalbard Arctic Ocean. Norsk Polarinstitutt Skrifter:37-46.

Mehlum, F. 2012. Effects of sea ice on breeding numbers and clutch size of a high arctic population of the common eider Somateria mollissima. Polar Science **6**:143-153.

Mehlum, F., L. Neilsen, and I. Gjertz. 1991. Effect of Down Harvesting on Nesting Success in a Colony of the Common Eider Somateria-Mollissima in Svalbard Arctic Ocean. Norsk Polarinstitutt Skrifter:47-50.

Meininger, P. L. and K. De Kraker. 1992. Red-Breasted Merganser as a Breeding Bird in the Southwest Netherlands 1987-1991. Limosa **65**:49-51.

Meissner, W. 2005. Birds as victims of marine oil pollution. Wiadomosci Ekologiczne **51**:17-34.

Meissner, W. 2010. Seasonal changes in numbers and distribution of the Long-tailed Duck Clangula hyemalis, Common Scoter Melanitta nigra and Velvet Scoter M. fusca near the Cape Rozewie. Ornis Polonica **51**:275-284.

Meissner, W., I. Fischer, and S. Bzoma. 2012. Changes in the body composition of Velvet Scoters (Melanitta fusca) wintering in the Gulf of Gdansk. Oceanological and Hydrobiological Studies **41**:11-16.

Meissner, W. and P. Rydzkowski. 2007. Wintering of waterfowl in the Bay of Gdansk in the season 2005/2006. Notatki Ornitolgiczne **48**:143-147.

Meissner, W. and C. Wojcik. 2004. Wintering of waterfowl on the Bay of Gdansk in the season 2003/2004. Notatki Ornitolgiczne **45**:203-206.

Meltofte, H. 2006. Populations and breeding performance of divers, geese and ducks at Zackenberg, northeast Greenland, 1995-2005. Wildfowl **56**:129-151.

Meltofte, H., J. Blew, J. Frikke, H.-U. Roesner, and C. Smit. 1994. Numbers and distribution of waterbirds in the Wadden Sea. Ophelia **0**:344.

Mendall, H. L. 1980. Intergradation of Eastern American Common Eiders. Canadian Field-Naturalist **94**:286-292.

Mendall, H. L. 1987. Identification of Eastern Races of the Common Eider. Pages 82-88 Reed, A. (Ed.). Canadian Wildlife Service Report Series, No. 47. Eider Ducks in Canada. V+177p. Canadian Wildlife Service: Ste-Foy, Quebec, Canada. Illus. Maps. Paper.

Mendall, H. L., A. E. Hutchinson, and R. B. Owen. 1984. Nesting by Injured Common Eiders Somateria-Mollissima-Dresseri. Wilson Bulletin **96**:305-306.

Mendonca, V. M., D. G. Raffaelli, and P. R. Boyle. 2007. Interactions between shorebirds and benthic invertebrates at Culbin Sands lagoon, NE Scotland: Effects of avian predation on their prey community density and structure. Scientia Marina **71**:579-591.

Menge, B. A. and D. N. L. Menge. 2013. Dynamics of coastal meta-ecosystems: the intermittent upwelling hypothesis and a test in rocky intertidal regions. Ecological Monographs **83**:283-310.

Mercer, J. B. and H. T. Hammel. 1993. The shivering response during cross-circulation in the common eider duck (Somateria mollissima). Acta Physiologica Scandinavica **148**:327-334.

Merendino, M. T., C. D. Ankney, and R. K. Ross. 2000. A helicopter-based survey of waterfowl broods in central Ontario. Canadian Field-Naturalist **114**:296-300.

Merkel, F. R. 2004. Evidence of population decline in common eiders breeding in Western Greenland. Arctic **57**:27-36.

Merkel, F. R. 2004. Impact of hunting and gillnet fishery on wintering eiders in Nuuk, southwest Greenland. Waterbirds **27**:469-479.

Merkel, F. R. 2010. Evidence of Recent Population Recovery in Common Eiders Breeding in Western Greenland. Journal of Wildlife Management **74**:1869-1874.

Merkel, F. R., K. Falk, and S. E. Jamieson. 2006. Effect of embedded lead shot on body condition of common eiders. Journal of Wildlife Management **70**:1644-1649.

Merkel, F. R., S. E. Jamieson, K. Falk, and A. Mosbech. 2007. The diet of common eiders wintering in Nuuk, Southwest Greenland. Polar Biology **30**:227-234.

Merkel, F. R. and K. L. Johansen. 2011. Light-induced bird strikes on vessels in Southwest Greenland. Marine Pollution Bulletin **62**:2330-2336.

Merkel, F. R. and A. Mosbech. 2008. Diurnal and Nocturnal Feeding Strategies in Common Eiders. Waterbirds **31**:580-586.

Merkel, F. R., A. Mosbech, D. Boertmann, and L. Grondahl. 2002. Winter seabird distribution and abundance off south-western Greenland, 1999. Polar Research **21**:17-36.

Merkel, F. R., A. Mosbech, S. E. Jamieson, and K. Falk. 2007. The diet of king eiders wintering in Nuuk, Southwest Greenland, with reference to sympatric wintering common eiders. Polar Biology **30**:1593-1597.

Merkel, F. R., A. Mosbech, and F. Riget. 2009. Common Eider Somateria mollissima feeding activity and the influence of human disturbances. Ardea **97**:99-107.

Merkel, F. R., A. Mosbech, C. Sonne, A. Flagstad, K. Falk, and S. E. Jamieson. 2006. Local movements, home ranges and body condition of Common Eiders Somateria mollissima wintering in Southwest Greenland. Ardea **94**:639-650.

Michelutti, N., J. M. Blais, M. L. Mallory, J. Brash, J. Thienpont, L. E. Kimpe, M. S. V. Douglas, and J. P. Smol. 2010. Trophic position influences the efficacy of seabirds as metal biovectors. Proceedings of the National Academy of Sciences of the United States of America **107**:10543-10548.

Mickelson, P. G. 1975. Breeding Biology of Cackling Geese and Associated Species on the Yukon Kuskokwim Delta Alaska USA. Wildlife Monographs:1-35.

Mikola, J., M. Miettinen, E. Lehikoinen, and K. Lehtila. 1994. The effects of disturbance caused by boating on survival and behaviour of velvet scoter Melanitta fusca ducklings. Biological Conservation **67**:119-124.

Milberg, P., L. Gezelius, I. Blindow, L. Nilsson, and T. Tyrberg. 2002. Submerged vegetation and the variation in the autumn waterfowl community at Lake Takern, southern Sweden. Ornis Fennica **79**:72-81.

Miles, A. K., P. L. Flint, K. A. Trust, M. A. Ricca, S. E. Spring, D. E. Arrieta, T. Hollmen, and B. W. Wilson. 2007. Polycyclic aromatic hydrocarbon exposure in Steller's eiders (Polysticta stelleri) and harlequin ducks (Histronicus histronicus) in the eastern Aleutian Islands, Alaska, USA. Environmental Toxicology and Chemistry **26**:2694-2703.

Miller, E. H., J. Williams, S. E. Jamieson, H. G. Gilchrist, and M. L. Mallory. 2007. Allometry, bilateral asymmetry and sexual differences in the vocal tract of common eiders Somateria mollissima and king eiders S-spectabilis. Journal of Avian Biology **38**:224-233.

Miller, J. B. 1996. Red-breasted mergansers in an urban winter habitat. Journal of Field Ornithology **67**:477-483.

Miller, M. W. C., J. R. Lovvorn, A. C. Matz, R. J. Taylor, C. J. Latty, and D. E. Safine. 2016. Trace Elements in Sea Ducks of the Alaskan Arctic Coast: Patterns of Variation Among Species, Sexes, and Ages. Archives of Environmental Contamination and Toxicology **71**:297-312.

Milne, H. 1976. Body Weights and Carcass Composition of the Common Eider. Wildfowl **27**:115-122.

Milonoff, M. and P. Paananen. 1994. Egg formation, brood survival and cost of reproduction as clutch-size-determining factors in common goldeneyes. Auk **110**:943-946.

Milonoff, M., H. Poysa, and P. Runko. 1998. Factors affecting clutch size and duckling survival in the common goldeneye Bucephala clangula. Wildlife Biology **4**:73-80.

Milonoff, M., H. Poysa, and P. Runko. 2002. Reproductive performance of Common Goldeneye Bucephala clangula females in relation to age and lifespan. Ibis **144**:585-592.

Milonoff, M., H. Poysa, P. Runko, and V. Ruusila. 2004. Brood rearing costs affect future reproduction in the precocial common goldeneye Bucephala clangula. Journal of Avian Biology **35**:344-351.

Milonoff, M., H. Poysa, and J. Virtanen. 1995. Brood-size-dependent offspring mortality in common goldeneyes reconsidered: Fact or artifact? American Naturalist **146**:967-974.

Minot, E. O. 1980. Tidal Diurnal and Habitat Influences on Common Eider Somateria-Mollissima Rearing Activities. Ornis Scandinavica **11**:172.

Mitchell, J. S., R. C. Bailey, and R. W. Knapton. 2000. Effects of predation by fish and wintering ducks on dreissenid mussels at Nanticoke, Lake Erie. Ecoscience **7**:398-409.

Mittelhauser, G. H. 2008. Apparent Survival and Local Movements of Harlequin Ducks Wintering at Isle au Haut, Maine. Waterbirds **31**:138-146.

Mittelhauser, G. H. 2008. Harlequin Ducks in the Eastern United States. Waterbirds **31**:58-66.

Mittelhauser, G. H., J. B. Drury, and P. O. Corr. 2002. Harlequin Ducks (Histrionicus histrionicus) in Maine, 1950-1999. Northeastern Naturalist **9**:163-182.

Mittelhauser, G. H., J. B. Drury, and E. Morrison. 2008. Behavior and Diving of Harlequin Ducks Wintering at Isle au Haut, Maine. Waterbirds **31**:67-70.

Mizera, T., R. Uhlig, M. Kalisinski, J. Mundt, and R. Czeraszkiewicz. 1994. Breeding distribution, non-breeding and wintering population of the Goosander Mergus Merganser in the Odra river basin. Vogelwelt **115**:155-162.

Moccia, R. D., A. Yule, I. K. Barker, and J. Austin. 2005. Clostridium botulinum Type E beurotoxin in Great Lakes fish: implications for transmission of avian botulism. Canadian Technical Report of Fisheries and Aquatic Sciences **2617**:80-81.

Mochizuki, M., R. Hondo, K. Kumon, R. Sasaki, H. Matsuba, and F. Ueda. 2002. Cadmium contamination in wild birds as an indicator of environmental pollution. Environmental Monitoring and Assessment **73**:229-235.

Moffitt, J. and R. T. Orr. 1938. Recent disastrous effects of oil pollution on birds in the San Francisco Bay region. California Fish and Game **24**:239-244.

Mokievsky, V. O., A. B. Popovkina, N. D. Poyarkov, A. B. Tsetlin, A. E. Zhadan, and A. Y. Isachenko. 2012. FORAGING OF COMMON EIDER (SOMATERIA MOLISSIMA) WINTERING IN VELIKAYA SALMA STRAIT (KANDALAKSHA BAY, THE WHITE SEA). Zoologichesky Zhurnal **91**:887-896.

Mokievsky, V. O., A. B. Popovkina, N. D. Poyarkov, A. B. Tzetlin, and A. E. Zhadan. 2003. On winter foraging of the common eiders (Somateria mollissima) in the Kandalaksha Bay. Vogelwarte **42**:147-148.

Monda, M. J. and J. T. Ratti. 1988. Niche Overlap and Habitat Use by Sympatric Duck Broods in Eastern Washington USA. Journal of Wildlife Management **52**:95-103.

Montgomery, R. D., G. J. Stein, V. D. Stotts, and F. H. Settle. 1979. The 1978 Epornitic of Avian Cholera on the Chesapeake Bay USA. Avian Diseases **23**:966-978.

Morneau, F., M. Robert, J.-P. L. Savard, P. Lamothe, M. Laperle, N. D'Astous, S. Brodeur, and R. Decarie. 2008. Abundance and Distribution of Harlequin Ducks in the Hudson and James Bay Area, Quebec. Waterbirds **31**:110-121.

Morse, T. E., J. L. Jakabosky, and V. P. McCrow. 1969. Some Aspects of the Breeding Biology of the Hooded Merganser. Journal of Wildlife Management **33**:596-604.

Mosbech, A. and D. Boertmann. 1999. Distribution, abundance and reaction to aerial surveys of post-breeding king eiders (Somateria spectabilis) in western Greenland. Arctic **52**:188-203.

Mosbech, A., G. Gilchrist, F. Merkel, C. Sonne, A. Flagstad, and H. Nyegaard. 2006. Year-round movements of Northern Common Eiders Somateria mollissima borealis breeding in Arctic Canada and West Greenland followed by satellite telemetry. Ardea **94**:651-665.

Mosbech, A. and S. R. Johnson. 1999. Late winter distribution and abundance of sea-associated birds in south-western Greenland, the Davis Strait and southern Baffin Bay. Polar Research **18**:1-17.

Moser, T. J. and D. H. Rusch. 1988. Nesting of King Eiders Somateria-Spectabilis and Snowy Owls Nyctea-Scandiaca near Cape Churchill Manitoba Canada. Canadian Field-Naturalist **102**:60-61.

Mossman, A. S. 1957. Hooded mergansers at Afognak Island, Alaska. Condor **59**:341.

Mudge, G. P. and D. S. Allen. 1980. Wintering Sea Ducks in the Moray and Dornoch Firths Scotland Uk. Wildfowl **31**:123-130.

Mulcahy, D. M. and D. Esler. 1999. Surgical and immediate postrelease mortality of harlequin ducks (Histrionicus histrionicus) implanted with abdominal radio transmitters with percutaneous antennae. Journal of Zoo and Wildlife Medicine **30**:397-401.

Mulcahy, D. M. and D. Esler. 2010. Survival of Captive and Free-ranging Harlequin Ducks (Histrionicus histrionicus) following Surgical Liver Biopsy. Journal of Wildlife Diseases **46**:1325-1329.

Mulcahy, D. M., D. Esler, and M. K. Stoskopf. 1999. Loss from Harlequin Ducks of abdominally implanted radio transmitters equipped with percutaneous antennas. Journal of Field Ornithology **70**:244-250.

Munro, J. and J. Bedard. 1977. Creche Formation in the Common Eider. Auk **94**:759-771.

Munro, J. and J. Bedard. 1977. Gull Predation and Creching Behavior in the Common Eider. Journal of Animal Ecology **46**:799-810.

Munro, J. A. and W. A. Clemens. 1939. The food and feeding habits of the red-breasted merganser in British Columbia. Jour Wildlife Management **3**:46-53.

Murie, A. 1946. Observations on the birds of Mount Mc-Kinley National Park, Alaska. Condor **48**:253-261.

Murvoll, K. M., J. U. Skaare, H. Jensen, and B. M. Jenssen. 2007. Associations between persistent organic pollutants and vitamin status in Brunnich's guillemot and common eider hatchlings. Science of the Total Environment **381**:134-145.

Musilova, Z., P. Musil, S. Polakova, and R. Fuchs. 2009. Wintering ducks in the Czech Republic: changes in their population trends and distribution. Wildfowl:74-85.

Muz, M. N., O. O. Kilinc, C. T. Isler, E. Altug, and M. Karakavuk. 2015. Molecular Diagnosis of Toxoplasma gondii and Neospora caninum in Brain Tissues of Some Wild Birds. Kafkas Universitesi Veteriner Fakultesi Dergisi **21**:173-178.

Naf, C., D. Broman, and B. Brunstrom. 1992. Distribution and metabolism of polycyclic aromatic hydrocarbons (PAHs) injected into eggs of chicken (Gallus domesticus) and common eider duck (Somateria mollissima). Environmental Toxicology and Chemistry **11**:1653-1660.

Nakashima, D. J. 1987. Inuit Knowledge of the Ecology of the Common Eider in Northern Quebec Canada. Pages 102-113 Reed, A. (Ed.). Canadian Wildlife Service Report Series, No. 47. Eider Ducks in Canada. V+177p. Canadian Wildlife Service: Ste-Foy, Quebec, Canada. Illus. Maps. Paper.

Naugle, D. E., R. R. Johnson, T. R. Cooper, M. M. Holland, and K. F. Higgins. 2000. Temporal distribution of waterfowl in eastern South Dakota: Implications for aerial surveys. Wetlands **20**:177-183.

Neff, J. M., D. S. Page, and P. D. Boehm. 2011. Exposure of Sea Otters and Harlequin Ducks in Prince William Sound, Alaska, USA, to Shoreline Oil Residues 20 Years after the Exxon Valdez Oil Spill. Environmental Toxicology and Chemistry **30**:659-672.

Nehls, G. 1996. Low costs of salt turnover in common eiders Somateria mollissima. Ardea **84**:23-30.

Nelson, C. H. 1964. Observations on the day-old young of the spectacled eider, Somateria fischeri. Auk **81**:219-221.

Nelson, C. H. 1983. Eye Color Changes in Barrows Goldeneye Bucephala-Islandica and Common Goldeneye Bucephala-Clangula-Americana Ducklings. Wilson Bulletin **95**:482-488.

Nelson, C. H. 1993. The identification of Barrow's Goldeneye Bucephala islandica and Common Goldeneye B. clangula americana ducklings. Wildfowl **44**:178-183.

Nelson, C. H. and K. C. Parkes. 1976. A Definite Colorado Breeding Record for the Harlequin Duck. Auk **93**:846-847.

Nelson, E. C. and J. S. Gash-Wiler. 1941. Blood parasites of some Maine waterfowl. Jour Wildlife Management **5**:199-205.

Newbrey, J. L., M. A. Bozek, and N. D. Niemuth. 2005. Effects of lake characteristics and human disturbance on the presence of piscivorous birds in Northern Wisconsin, USA. Waterbirds **28**:478-486.

Newson, S. E. and B. Hughes. 1999. Diurnal activity and energy budgets of Goosander Mergus merganser wintering on Chew Valley Lake, North Somerset: Influence of time of day and sex. Wildfowl **49**:173-180.

Nickell, W. P. 1966. Behavior of Barrows goldeneye in Wyoming Bucephala islandica. Wilson Bull **78**:121-122.

Nicoll, F. I. and J. R. Zimmerling. 2006. The importance of wetlands to waterbirds in the Boreal Forest of Ontario. Ontario Birds **24**:13-22.

Nilsson, L. 1965. Observations of the spring behaviour of the red-breasted merganser Engl. summ. Var Fagelvarld **24**:244-256.

Nilsson, L. 1965. Studies on the preening behaviour of the Goldeneye (Bucephala clangula) Engl. summ. Var Fagelvarld **24**:301-309.

Nilsson, L. 1966. The behavior of the goosander (Mergus merganser) in the winter Engl. sum. Var Fagelvarld **25**:148-160.

Nilsson, L. 2005. Long-term trends and changes in numbers and distribution of some wintering waterfowl species along the Swedish Baltic Coast. Acta Zoologica Lituanica **15**:151-157.

Nilsson, P. B., T. E. Hollmen, S. Atkinson, K. L. Mashburn, P. A. Tuomi, D. Esler, D. M. Mulcahy, and D. J. Rizz. 2008. Effects of ACTH, capture, and short term confinement on glucocorticoid concentrations in harlequin ducks (Histrionicus histrionicus). Comparative Biochemistry and Physiology Part A Molecular & Integrative Physiology **149**:275-283.

Noel, L. E., S. R. Johnson, and G. M. O'Doherty. 2005. Long-tailed Duck, Clangula hyemalis, eider, Somateria spp., and scoter, Melanitta spp., distributions in central Alaska Beaufort Sea lagoons, 1999-2002. Canadian Field-Naturalist **119**:181-185.

Noel, L. E., S. R. Johnson, G. M. O'Doherty, and M. K. Butcher. 2005. Common eider (Somateria mollissima v-nigrum) nest cover and depredation on central Alaskan Beaufort Sea barrier islands. Arctic **58**:129-136.

Nolet, B. A. 1988. Breeding Success of Some Coastal Birds in a Herring Gull Larus-Argentatus Colony. Limosa **61**:79-84.

Norderhaug, A. M. 1977. Studies of the King Eider Somateria-Spectabilis in Svalbard. Norsk Polarinstitutt Arbok:271-284.

Nordstrom, M., J. Hogmander, J. Nummelin, J. Laine, N. Laanetu, and E. Korpimaki. 2002. Variable responses of waterfowl breeding populations to long-term removal of introduced American mink. Ecography **25**:385-394.

Norheim, G. and B. Kjos-Hanssen. 1984. Persistent Chlorinated Hydro Carbons and Mercury in Birds Caught Off the West Coast of Spitsbergen Norway. Environmental Pollution Series A Ecological and Biological **33**:143-152.

Notini, G. and H. Westman. 1956. Sea birds and sea bird shooting by the Swedish east coast In Swedish with English summ. K Skogshogskoland Skrifter **22**:3-77.

Nummi, P., S. Holopainen, J. Rintala, and H. Poysa. 2015. Mechanisms of density dependence in ducks: importance of space and per capita food. Oecologia **177**:679-688.

Nummi, P., A. Paasivaara, S. Suhonen, and H. Poysa. 2013. Wetland use by brood-rearing female ducks in a boreal forest landscape: the importance of food and habitat. Ibis **155**:68-79.

Nummi, P. and H. Poysa. 1995. Breeding success of ducks in relation to different habitat factors. Ibis **137**:145-150.

Nummi, P., V. M. Vaananen, S. Holopainen, and H. Poysa. 2016. Duck-fish competition in boreal lakes - a review. Ornis Fennica **93**:67-76.

Nummi, P., V. M. Vaananen, M. Rask, K. Nyberg, and K. Taskinen. 2012. Competitive effects of fish in structurally simple habitats: perch, invertebrates, and goldeneye in small boreal lakes. Aquatic Sciences **74**:343-350.

Nygard, T., B. Frantzen, and S. Svazas. 1995. Steller's Eiders Polysticta stelleri wintering in Europe: numbers, distribution and origin. Wildfowl **46**:140-156.

Nygard, T., B. H. Larsen, A. Follestad, and K.-B. Strann. 1988. Numbers and distribution of wintering waterfowl in Norway. Wildfowl **39**:164-176.

Nystrom, K. G. K. and O. Pehrsson. 1988. Salinity as a Constraint Affecting Food and Habitat Choice of Mussel-Feeding Diving Ducks. Ibis **130**:94-110.

Nystrom, K. G. K., O. Pehrsson, and D. Broman. 1991. Food of Juvenile Common Eiders Somateria-Mollissima in Areas of High and Low Salinity. Auk **108**:250-256.

Odham, G. 1967. Studies on feather waxes of birds: VI. Further investigation of the free flowing preen gland secretion from species within the family of Anatidae. Ark Kem **27**:263-288.

Ohlendorf, H. M., R. W. Lowe, P. R. Kelly, and T. E. Harvey. 1986. Selenium and Heavy Metals in San-Francisco Bay California USA Diving Ducks. Journal of Wildlife Management **50**:64-71.

Ohlendorf, H. M., K. C. Marois, R. W. Lowe, T. E. Harvey, and P. R. Kelly. 1991. Trace Elements and Organochlorines in Surf Scoters from San Francisco Bay 1985 California USA. Environmental Monitoring and Assessment **18**:105-122.

Oja, H. and H. Poysa. 2007. Spring phenology, latitude, and the timing of breeding in two migratory ducks: implications of climate change impacts. Annales Zoologici Fennici **44**:475-485.

O'Keefe, P. W., W. C. Clayton, S. Connor, B. Bush, and C.-S. Hong. 2006. Organic pollutants in wild ducks from New York state: I. Interspecies differences in concentrations and congener profiles of PCBs and PCDDs/PCDFs. Science of the Total Environment **361**:111-123.

Olafsdottir, K., K. Skirnisson, G. Gylfadottir, and T. Johannesson. 1998. Seasonal fluctuations of organochlorine levels in the common eider (Somateria mollissima) in Iceland. Environmental Pollution **103**:153-158.

Olney, P. J. S. and D. H. Mills. 1963. The food and feeding habits of goldeneye Bucephala clangula in Great Britain. Ibis **105**:293-300.

Oppel, S., D. L. Dickson, and A. N. Powell. 2009. International importance of the eastern Chukchi Sea as a staging area for migrating king eiders. Polar Biology **32**:775-783.

Oppel, S., R. N. Federer, D. M. O'Brien, A. N. Powell, and T. E. Hollmen. 2010. Effects of Lipid Extraction on Stable Isotope Ratios in Avian Egg Yolk: Is Arithmetic Correction a Reliable Alternative? Auk **127**:72-78.

Oppel, S. and A. N. Powell. 2008. Assigning king eiders to wintering regions in the Bering Sea using stable isotopes of feathers and claws. Marine Ecology Progress Series **373**:149-156.

Oppel, S. and A. N. Powell. 2009. Does winter region affect spring arrival time and body mass of King Eiders in northern Alaska? Polar Biology **32**:1203-1209.

Oppel, S. and A. N. Powell. 2010. Age-Specific Survival Estimates of King Eiders Derived from Satellite Telemetry. Condor **112**:323-330.

Oppel, S. and A. N. Powell. 2010. Carbon isotope turnover in blood as a measure of arrival time in migratory birds using isotopically distinct environments. Journal of Ornithology **151**:123-131.

Oppel, S., A. N. Powell, and M. G. Butler. 2011. King Eider Foraging Effort During the Pre-Breeding Period in Alaska. Condor **113**:52-60.

Oppel, S., A. N. Powell, and D. L. Dickson. 2008. Timing and distance of King Eider migration and winter movements. Condor **110**:296-305.

Oppel, S., A. N. Powell, and D. L. Dickson. 2009. Using an algorithmic model to reveal individually variable movement decisions in a wintering sea duck. Journal of Animal Ecology **78**:524-531.

Oppel, S., A. N. Powell, and D. M. O'Brien. 2009. Using eggshell membranes as a non-invasive tool to investigate the source of nutrients in avian eggs. Journal of Ornithology **150**:109-115.

Oppel, S., A. N. Powell, and D. M. O'Brien. 2010. King eiders use an income strategy for egg production: a case study for incorporating individual dietary variation into nutrient allocation research. Oecologia (Berlin) **164**:1-12.

Ost, M. 1999. Within-season and between-year variation in the structure of Common Eider broods. Condor **101**:598-606.

Ost, M., C. W. Clark, M. Kilpi, and R. Ydenberg. 2007. Parental effort and reproductive skew in coalitions of brood rearing female common eiders. American Naturalist **169**:73-86.

Ost, M. and K. Jaatinen. 2013. Relative Importance of Social Status and Physiological Need in Determining Leadership in a Social Forager. PLoS One **8**.

Ost, M. and K. Jaatinen. 2015. Smart and safe? Antipredator behavior and breeding success are related to head size in a wild bird. Behavioral Ecology **26**:1371-1378.

Ost, M. and M. Kilpi. 1997. A recent change in size distribution of blue mussels (Mytilus edulis) in the western part of the Gulf of Finland. Annales Zoologici Fennici **34**:31-36.

Ost, M. and M. Kilpi. 2000. Eider females and broods from neighboring colonies use segregated local feeding areas. Waterbirds **23**:24-32.

Ost, M., A. Lehikoinen, K. Jaatinen, and M. Kilpi. 2011. Causes and consequences of fine-scale breeding dispersal in a female-philopatric species. Oecologia **166**:327-336.

Ost, M., S. Ramula, A. Linden, P. Karell, and M. Kilpi. 2016. Small-scale spatial and temporal variation in the demographic processes underlying the large-scale decline of eiders in the Baltic Sea. Population Ecology **58**:121-133.

Ost, M., M. W. Seltmann, and K. Jaatinen. 2015. Personality, body condition and breeding experience drive sociality in a facultatively social bird. Animal Behaviour **100**:166-173.

Ost, M. and T. Tierala. 2011. Synchronized vigilance while feeding in common eider brood-rearing coalitions. Behavioral Ecology **22**:378-384.

Ost, M., R. Ydenberg, M. Kilpi, and K. Lindstrom. 2003. Condition and coalition formation by brood-rearing common eider females. Behavioral Ecology **14**:311-317.

Ost, M., R. Ydenberg, K. Lindstrom, and M. Kilpi. 2003. Body condition and the grouping behavior of brood-caring female common eiders (Somateria mollissima). Behavioral Ecology and Sociobiology **54**:451-457.

Ouellet, J.-F., P. Fradette, and I. Blouin. 2010. Do Barrow's goldeneyes, Bucephala islandica, breed south of the St. Lawrence estuary in the Gaspé Peninsula, eastern Canada. The Canadian Field Naturalist **124**:179-180.

Ouellet, J. F., L. Champoux, and M. Robert. 2009. Levels of heavy metals, PCBs, pesticides and flame retardants in tissues of Barrow's Goldeneyes (Bucephala islandica) wintering in the St. Lawrence marine system. Canadian Technical Report of Fisheries and Aquatic Sciences **2883**:76.

Ouellet, J. F., L. Champoux, and M. Robert. 2012. Metals, Trace Elements, Polychlorinated Biphenyls, Organochlorine Pesticides, and Brominated Flame Retardants in Tissues of Barrow's Goldeneyes (Bucephala islandica) Wintering in the St. Lawrence Marine Ecosystem, Eastern Canada. Archives of Environmental Contamination and Toxicology **63**:429-436.

Ouellet, J. F., M. Guillemette, and P. U. Biler. 2008. Morphological and physiological aspects of takeoff aptitudes of female common eiders (Somateria mollissima) during the pre-laying period. Canadian Journal of Zoology **86**:462-469.

Ouellet, J. F., C. Vanpe, and M. Guillemette. 2013. The Body Size-Dependent Diet Composition of North American Sea Ducks in Winter. PLoS One **8**.

Ouellet, J.-F., M. Guillemette, and M. Robert. 2010. Spatial distribution and habitat selection of Barrow's and Common goldeneyes wintering in the St. Lawrence marine system. Canadian Journal of Zoology **88**:306-314.

Paasivaara, A. and H. Poysa. 2004. Mortality of common goldeneye (Bucephala clangula) broods in relation to predation risk by northern pike (Esox lucius). Annales Zoologici Fennici **41**:513-523.

Paasivaara, A. and H. Poysa. 2007. Survival of common goldeneye Bucephala clangula ducklings in relation to weather, timing of breeding, brood size, and female condition. Journal of Avian Biology **38**:144-152.

Paasivaara, A. and H. Poysa. 2008. Habitat-patch occupancy in the common goldeneye (Bucephala clangula) at different stages of the breeding cycle: implications to ecological processes in patchy environments. Canadian Journal of Zoology **86**:744-755.

Paasivaara, A., J. Rutila, H. Poysa, and P. Runko. 2010. Do parasitic common goldeneye Bucephala clangula females choose nests on the basis of host traits or nest site traits? Journal of Avian Biology **41**:662-671.

Palm, E. C., D. Esler, E. M. Anderson, T. D. Williams, O. P. Love, and M. T. Wilson. 2013. Baseline Corticosterone in Wintering Marine Birds: Methodological Considerations and Ecological Patterns. Physiological and Biochemical Zoology **86**:346-353.

Palm, E. C., D. Esler, E. M. Anderson, T. D. Williams, and M. T. Wilson. 2013. VARIATION IN PHYSIOLOGY AND ENERGY MANAGEMENT OF WINTERING WHITE-WINGED SCOTERS IN RELATION TO LOCAL HABITAT CONDITIONS. Condor **115**:750-761.

Palm, E. C., D. Esler, E. M. Anderson, and M. T. Wilson. 2012. Geographic and Temporal Variation in Diet of Wintering White-winged Scoters. Waterbirds **35**:577-589.

Palmer, R. S. 1973. Icelandic Eiders a Few Observations. Wildfowl **24**:154-157.

Palmer, R. S. 1977. King Eider Studies. British Birds **70**:107-113.

Pardue, M. T. and J. G. Sivak. 1997. The functional anatomy of the ciliary muscle in four avian species. Brain Behavior and Evolution **49**:295-311.

Parker, H. and H. Holm. 1990. Patterns of Nutrient and Energy Expenditure in Female Common Eiders Nesting in the High Arctic. Auk **107**:660-668.

Parker, H. and F. Mehlum. 1991. Influence of Sea-Ice on Nesting Density in the Common Eider Somateria-Mollissima in Svalbard Arctic Ocean. Norsk Polarinstitutt Skrifter:31-36.

Parkes, K. C. 1955. The generic name of the spectacled eider. Auk **72**:85-86.

Paszkowski, C. A. and W. M. Tonn. 2006. Foraging guilds of aquatic birds on productive boreal lakes: environmental relations and concordance patterns. Hydrobiologia **567**:19-30.

Patterson, I. J. 1977. The Control of Fox Movement by Electric Fencing. Biological Conservation **11**:267-278.

Paulus, K. B. and R. Tiedemann. 2003. Ten polymorphic autosomal microsatellite loci for the Eider duck Somateria mollissima and their cross-species applicability among waterfowl species (Anatidae). Molecular Ecology Notes **3**:250-252.

Payne, A. M., M. L. Schummer, and S. A. Petrie. 2015. Patterns of Molt in Long-tailed Ducks (Clangula hyemalis) during Autumn and Winter in the Great Lakes Region, Canada. Waterbirds **38**:195-200.

Pearce, J., Mark L. Mallory and Karen Metz. 2015. Common Merganser (Mergus merganser). The Birds of North America.

Pearce, J. M., P. Blums, and M. S. Lindberg. 2008. Site fidelity is an inconsistent determinant of population structure in the hooded merganser (Lophodytes cucullatus): Evidence from genetic, mark-recapture, and comparative data. Auk **125**:711-722.

Pearce, J. M., J. M. Eadie, J. P. L. Savard, T. K. Christensen, J. Berdeen, E. J. Taylor, S. Boyd, A. Einarsson, and S. L. Talbot. 2014. Comparative population structure of cavity-nesting sea ducks. Auk **131**:195-207.

Pearce, J. M., D. Esler, and A. G. Degtyarev. 1999. Nesting ecology of Spectacled Eiders Somateria fischeri on the Indigirka River Delta, Russia. Wildfowl **49**:110-123.

Pearce, J. M., R. L. Fields, and K. T. Scribner. 1997. Nest materials as a source of genetic data for avian ecological studies. Journal of Field Ornithology **68**:471-481.

Pearce, J. M., K. G. McCracken, T. K. Christensen, and Y. N. Zhuravlev. 2009. Migratory Patterns and Population Structure among Breeding and Wintering Red-Breasted Mergansers (Mergus Serrator) and Common Mergansers (M. Merganser). Auk **126**:784-798.

Pearce, J. M. and M. R. Petersen. 2009. Post-fledging Movements of Juvenile Common Mergansers (Mergus merganser) in Alaska as Inferred by Satellite Telemetry. Waterbirds **32**:133-137.

Pearce, J. M., J. A. Reed, and P. L. Flint. 2005. Geographic variation in survival and migratory tendency among North American Common Mergansers. Journal of Field Ornithology **76**:109-118.

Pearce, J. M. and S. L. Talbot. 2006. Demography, genetics, and the value of mixed messages. Condor **108**:474-479.

Pearce, J. M., S. L. Talbot, M. R. Petersen, and J. R. Rearick. 2005. Limited genetic differentiation among breeding, molting, and wintering groups of the threatened Steller's eider: the role of historic and contemporary factors. Conservation Genetics **6**:743-757.

Pearce, J. M., S. L. Talbot, B. J. Pierson, M. R. Petersen, K. T. Scribner, D. L. Dickson, and A. Mosbech. 2004. Lack of spatial genetic structure among nesting and wintering King Eiders. Condor **106**:229-240.

Pearce, J. M., D. Zwiefelhofer, and N. Maryanski. 2009. Mechanisms of Population Heterogeneity among Molting Common Mergansers on Kodiak Island, Alaska: Implications for Genetic Assessments of Migratory Connectivity. Condor **111**:283-293.

Pearce, P. A., D. B. Peakall, and L. M. Reynolds. 1979. Shell Thinning and Residues of Organo Chlorines and Mercury in Sea Bird Eggs Eastern Canada 1970-1976. Pesticides Monitoring Journal **13**:61-68.

Pearce, P. A., I. M. Price, and L. M. Reynolds. 1976. Mercury in Waterfowl from Eastern Canada. Journal of Wildlife Management **40**:694-703.

Peck, L. E., H. G. Gilchrist, C. D. Mallory, B. M. Braune, and M. L. Mallory. 2016. Persistent organic pollutant and mercury concentrations in eggs of ground-nesting marine birds in the Canadian high Arctic. Science of the Total Environment **556**:80-88.

Peden, D. G. 1977. Waterfowl Use of Exotic Wild Rice Habitat in Northern Saskatchewan. Canadian Field-Naturalist **91**:286-287.

Pedersen, M. B. 1988. Spring Migration of Common Scoters across Southwest Jutland Denmark. Dansk Ornitologisk Forenings Tidsskrift **82**:51-53.

Pehlak, H., A. Lohmus, A. Kuresoo, and L. Luigujoe. 2006. Land-based census of wintering waterfowl: Reliability and conservation implications. Waterbirds **29**:76-80.

Pehrsson, O. 1965. Studies of resting and wintering sea-fowl in the inner archipelago of southern Bohuslan Engl. summ. Var Fagelvarld **24**:107-132.

Pehrsson, O. 1973. Chief Prey as a Factor Regulating Populations of Eider Somateria-Mollissima and Long-Tailed Duck Clangula-Hyemalis. Zoologisk Revy **35**:89-92.

Pehrsson, O. 1986. Duckling Production of the Oldsquaw in Relation to Spring Weather and Small-Rodent Fluctuations. Canadian Journal of Zoology **64**:1835-1841.

Pehrsson, O. and K. G. K. Nystrom. 1988. Growth and Movements of Oldsquaw Ducklings in Relation to Food. Journal of Wildlife Management **52**:185-191.

Pelletier, D., M. Guillemette, J.-M. Grandbois, and P. J. Butler. 2007. It is time to move: linking flight and foraging behaviour in a diving bird. Biology Letters **3**:357-359.

Pelletier, D., M. Guillemette, J.-M. Grandbois, and P. J. Butler. 2008. To fly or not to fly: high flight costs in a large sea duck do not imply an expensive lifestyle. Proceedings of the Royal Society Biological Sciences Series B **275**:2117-2124.

Pelzl, H. W. 1971. Nest Parasitism by Red-Breasted Mergansers in Wisconsin. Auk **88**:184-185.

Penny, M. A., J. Saurina, I. Keller, L. Jenni, H. G. Bauer, W. Fiedler, and J. Zinsstag. 2010. Transmission Dynamics of Highly Pathogenic Avian Influenza at Lake Constance (Europe) During the Outbreak of Winter 2005-2006. EcoHealth **7**:275-282.

Perfito, N., G. Schirato, M. Brown, and J. C. Wingfield. 2002. Response to acute stress in the Harlequin Duck (Histrionicus histrionicus) during the breeding season and moult: Relationships to gender, condition, and life-history stage. Canadian Journal of Zoology **80**:1334-1343.

Perry, M. C. 2012. Foraging Behavior of Long-tailed Ducks in a Ferry Wake. Northeastern Naturalist **19**:135-139.

Perry, M. C., R. E. Munro, and G. M. Haramis. 1981. 25 Year Trends in Diving Duck Populations in Chesapeake Bay USA. Transactions of the North American Wildlife and Natural Resources Conference:P299-310.

Peters, J. L., K. A. Bolender, and J. M. Pearce. 2012. Behavioural vs. molecular sources of conflict between nuclear and mitochondrial DNA: the role of male-biased dispersal in a Holarctic sea duck. Molecular Ecology **21**:3562-3575.

Petersen, A. 2002. Seabird bycatch in fishing gear in Iceland. Natturufraedingurinn **71**:52-61.

Petersen, M. R. 1980. Observations of Wing Feather Molt and Summer Feeding Ecology of Stellers Eiders Polysticta-Stelleri at Nelson Lagoon Alaska USA. Wildfowl **31**:99-106.

Petersen, M. R. 1981. Populations Feeding Ecology and Molt of Stellers Eiders Polysticta-Stelleri. Condor **83**:256-262.

Petersen, M. R. 1982. Predation on Sea Birds by Red Foxes Vulpes-Fulva at Shaiak Island Alaska USA. Canadian Field-Naturalist **96**:41-45.

Petersen, M. R., J. Barry Grand and Christian P. Dau. 2000. Spectacled Eider (Somateria fischeri). The Birds of North America.

Petersen, M. R. 2009. Multiple Spring Migration Strategies in a Population of Pacific Common Eiders. Condor **111**:59-70.

Petersen, M. R., J. O. Bustnes, and G. H. Systad. 2006. Breeding and moulting locations and migration patterns of the Atlantic population of Steller's eiders Polysticta stelleri as determined from satellite telemetry. Journal of Avian Biology **37**:58-68.

Petersen, M. R., G. V. Byrd, S. A. Sonsthagen, and M. G. Sexson. 2015. Re-colonization by common eiders Somateria mollissima in the Aleutian Archipelago following removal of introduced arctic foxes Vulpes lagopus. Journal of Avian Biology **46**:538-549.

Petersen, M. R. and D. C. Douglas. 2004. Winter ecology of Spectacled Eiders: Environmental characteristics and population change. Condor **106**:79-94.

Petersen, M. R., D. C. Douglas, and D. M. Mulcahy. 1995. Use of implanted satellite transmitters to locate spectacled eiders at-sea. Condor **97**:276-278.

Petersen, M. R., D. C. Douglas, H. M. Wilson, and S. E. McCloskey. 2012. EFFECTS OF SEA ICE ON WINTER SITE FIDELITY OF PACIFIC COMMON EIDERS (SOMATERIA MOLLISSIMA V-NIGRUM). Auk **129**:399-408.

Petersen, M. R. and P. L. Flint. 2002. Population structure of Pacific Common Eiders breeding in Alaska. Condor **104**:780-787.

Petersen, M. R., J. B. Grand, and C. P. Dau. 2000. Spectacled eider: Somateria fischeri. Birds of North America:1-24.

Petersen, M. R., W. W. Larned, and D. C. Douglas. 1999. At-sea distribution of Spectacled Eiders: A 120-year-old mystery resolved. Auk **116**:1009-1020.

Petersen, M. R., B. J. McCaffery, and P. L. Flint. 2003. Post-breeding distribution of Long-tailed Ducks Clangula hyemalis from the Yukon-Kuskokwim Delta, Alaska. Wildfowl **54**:103-113.

Petersen, M. R., J. F. Piatt, and K. A. Trust. 1999. Foods of Spectacled Eiders Somateria fischeri in the Bering Sea, Alaska. Wildfowl **49**:124-128.

Petersen, M. R. a. J.-P. L. S. 2015. Variation in migration strategies of North American sea ducks. CRC Press, Boca Raton, FL.

Peterson, B. and G. Gauthier. 1985. Nest Site Use by Cavity-Nesting Birds of the Cariboo Parkland British-Columbia Canada. Wilson Bulletin **97**:319-331.

Peterson, S. R. 1976. Variation in Oldsquaw Rectrix Numbers. Auk **93**:190-192.

Peterson, S. R. and R. S. Ellarson. 1975. Incidence of Body Shot in Lake Michigan Oldsquaws. Journal of Wildlife Management **39**:217-219.

Peterson, S. R. and R. S. Ellarson. 1976. Total Mercury Residues in Livers and Eggs of Oldsquaws. Journal of Wildlife Management **40**:704-709.

Peterson, S. R. and R. S. Ellarson. 1977. Food Habits of Oldsquaws Wintering on Lake Michigan Michigan USA. Wilson Bulletin **89**:81-91.

Peterson, S. R. and R. S. Ellarson. 1978. Bursae Reproductive Structures and Scapular Color in Wintering Female Oldsquaws. Auk **95**:115-121.

Peterson, S. R. and R. S. Ellarson. 1978. P P Dde Poly Chlorinated Bi Phenyls and Endrin in Oldsquaws in North America 1969-1973. Pesticides Monitoring Journal **11**:170-181.

Peterson, S. R. and R. S. Ellarson. 1979. Changes in Oldsquaw Clangula-Hyemalis Carcass Weight. Wilson Bulletin **91**:288-300.

Petrie, S. A. and R. W. Knapton. 1999. Rapid increase and subsequent decline of zebra and quagga mussels in Long Point Bay, Lake Erie: Possible influence of waterfowl predation. Journal of Great Lakes Research **25**:772-782.

Pfaffenberger, B., H. Huehnerfuss, R. Kallenborn, A. Koehler-Guenther, W. A. Koenig, and G. Kruener. 1992. Chromatographic separation of the enantiomers of marine pollutants: Part 6. Comparison of the enantioselective degradation of alpha-hexachlorocyclohexane in marine biota and water. Chemosphere **25**:719-725.

Phillips, L. M., S. Oppel, and A. N. Powell. 2006. Movements of the King Eider during the non-breeding period revealed by satellite telemetry. Journal of Ornithology **147**:118-119.

Phillips, L. M. and A. N. Powell. 2006. Evidence for wing molt and breeding site fidelity in King Elders. Waterbirds **29**:148-153.

Phillips, L. M. and A. N. Powell. 2009. Brood Rearing Ecology of King Eiders on the North Slope of Alaska. Wilson Journal of Ornithology **121**:430-434.

Phillips, L. M., A. N. Powell, and E. A. Rexstad. 2006. Large-scale movements and habitat characteristics of King Eiders throughout the nonbreeding period. Condor **108**:887-900.

Phillips, L. M., A. N. Powell, E. J. Taylor, and E. A. Rexstad. 2007. Use of the Beaufort sea by king eiders breeding on the north slope of Alaska. Journal of Wildlife Management **71**:1892-1898.

Piatt, J. F., C. J. Lensink, W. Butler, M. Kendziorek, and D. R. Nysewander. 1990. Immediate Impact of the Exxon Valdez Oil Spill on Marine Birds. Auk **107**:387-397.

Pierre, J. P., S. M. Boss, and C. A. Paszkowski. 2005. Effects of forest harvesting on Bufflehead and Common Loon foraging behavior. Ornithological Science **4**:161-168.

Pihl, S. 2000. Impact of winter climate on wintering coastal waterbirds in Denmark, 1987-1996. Dansk Ornitologisk Forenings Tidsskrift **94**:73-89.

Pilarczyk, B., A. Tomza-Marciniak, R. Pilarczyk, K. Kavetska, I. Rzad, D. Hendzel, and A. Marciniak. 2012. Selenium status in sea ducks (Melanitta fusca, Melanitta nigra and Clangula hyemalis) wintering on the southern Baltic coast, Poland. Marine Biology Research **8**:1019-1025.

Pilskog, H. E., T. Solhoy, D. J. Gwiazdowicz, J. A. Grytnes, and S. J. Coulson. 2014. Invertebrate communities inhabiting nests of migrating passerine, wild fowl and sea birds breeding in the High Arctic, Svalbard. Polar Biology **37**:981-998.

Platteeuw, M. and J. H. Beekman. 1994. Disturbance of waterbirds by ships on lakes Ketelmeer and IJsselmeer. Limosa **67**:27-33.

Player, P. V. 1971. Food and Feeding Habits of the Common Eider at Seafield Edinburgh in Winter. Wildfowl **22**:100-106.

Plyusnin Yu, M. 1982. Reproductive Strategy of Eider Ducks Somateria-Mollissima in Mixed Communities of Colonial Birds. Izvestiya Sibirskogo Otdeleniya Akademii Nauk SSSR Seriya Biologicheskikh Nauk:87-91.

Poeysae, H. 2004. Relatedness and the evolution of conspecific brood parasitism: parameterizing a model with data for a precocial species. Animal Behaviour **67**:673-679.

Poeysae, H. 2006. Public information and conspecific nest parasitism in goldeneyes: targeting safe nests by parasites. Behavioral Ecology **17**:459-465.

Ponsero, A. and P. Le Mao. 2011. Estimation of benthic macrofauna consumption by water birds in the bay of Saint-Brieuc (France). Revue D Ecologie-La Terre Et La Vie **66**:383-397.

Portugal, S. J., J. A. Green, L. G. Halsey, W. Arnold, V. Careau, P. Dann, P. B. Frappell, D. Gremillet, Y. Handrich, G. R. Martin, T. Ruf, M. M. Guillemette, and P. J. Butler. 2016. Associations between Resting, Activity, and Daily Metabolic Rate in Free-Living Endotherms: No Universal Rule in Birds and Mammals. Physiological and Biochemical Zoology **89**:251-261.

Portugal, S. J. and M. Guillemette. 2011. The use of body mass loss to estimate metabolic rate in birds. Comparative Biochemistry and Physiology Part A Molecular & Integrative Physiology **158**:329-336.

Portugal, S. J., R. Isaac, K. L. Quinton, and S. J. Reynolds. 2010. Do captive waterfowl alter their behaviour patterns during their flightless period of moult? Journal of Ornithology **151**:443-448.

Powell, A. N. a. R. S. S. 2012. King Eider (Somateria spectabilis). The Birds of North America.

Poysa, H. 1992. Variation in parental care of common goldeneye (Bucephala clangula) females. Behaviour **123**:247-260.

Poysa, H. 1995. Factors affecting abandonment and adoption of young in common eiders and other waterfowl: A comment. Canadian Journal of Zoology **73**:1575-1577.

Poysa, H. 1996. Population estimates and the timing of waterfowl censuses. Ornis Fennica **73**:60-68.

Poysa, H. 1999. Association between conspecific nest parasitism and the timing of breeding in the Common Goldeneye Bucephala clangula: An alternative interpretation. Ornis Fennica **76**:89-92.

Poysa, H. 1999. Conspecific nest parasitism is associated with inequality in nest predation risk in the common goldeneye (Bucephala clangula). Behavioral Ecology **10**:533-540.

Poysa, H. 2003. Low host recognition tendency revealed by experimentally induced parasitic egg laying in the common goldeneye (Bucephala clangula). Canadian Journal of Zoology **81**:1561-1565.

Poysa, H. 2003. Parasitic common goldeneye (Bucephala clangula) females lay preferentially in safe neighbourhoods. Behavioral Ecology and Sociobiology **54**:30-35.

Poysa, H., K. Lindblom, J. Rutila, and J. Sorjonen. 2009. Reliability of egg morphology to detect conspecific brood parasitism in goldeneyes Bucephala clangula examined using protein fingerprinting. Journal of Avian Biology **40**:453-456.

Poysa, H., K. Lindblom, J. Rutila, and J. Sorjonen. 2010. Response of parasitically laying goldeneyes to experimental nest predation. Animal Behaviour **80**:881-886.

Poysa, H., M. Milonoff, V. Ruusila, and J. Virtanen. 1999. Nest-site selection in relation to habitat edge: Experiments in the Common Goldeneye. Journal of Avian Biology **30**:79-84.

Poysa, H., M. Milonoff, and J. Virtanen. 1997. Nest predation in hole-nesting birds in relation to habitat edge: An experiment. Ecography **20**:329-335.

Poysa, H. and A. Paasivaara. 2006. Movements and mortality of common goldeneye Bucephala clangula broods in a patchy environment. Oikos **115**:33-42.

Poysa, H. and A. Paasivaara. 2016. Nest predation risk, but not demography, drives dynamics of conspecific brood parasitism. Behavioral Ecology **27**:196-203.

Poysa, H., A. Paasivaara, K. Lindblom, J. Rutila, and J. Sorjonen. 2014. Co-parasites preferentially lay with kin and in safe neighbourhoods: experimental evidence from goldeneye ducks. Animal Behaviour **91**:111-118.

Poysa, H. and M. Pesonen. 2007. Nest predation and the evolution of conspecific brood parasitism: From risk spreading to risk assessment. American Naturalist **169**:94-104.

Poysa, H. and S. Poysa. 2002. Nest-site limitation and density dependence of reproductive output in the common goldeneye Bucephala clangula: Implications for the management of cavity-nesting birds. Journal of Applied Ecology **39**:502-510.

Poysa, H., M. Rask, and P. Nummi. 1994. Acidification and ecological interactions at higher trophic levels in small forest lakes: The perch and the common goldeneye. Annales Zoologici Fennici **31**:397-404.

Poysa, H., J. Rintala, A. Lehikoinen, and R. A. Vaisanen. 2013. The importance of hunting pressure, habitat preference and life history for population trends of breeding waterbirds in Finland. European Journal of Wildlife Research **59**:245-256.

Poysa, H., P. Runko, and V. Ruusila. 1997. Natal philopatry and the local resource competition hypothesis: Data from the common goldeneye. Journal of Avian Biology **28**:63-67.

Poysa, H., P. Runko, V. Ruusila, and M. Milonoff. 2001. Identification of parasitized nests by using egg morphology in the Common Goldeneye: An alternative to blood sampling. Journal of Avian Biology **32**:79-82.

Poysa, H., V. Ruusila, M. Milonoff, and J. Virtanen. 2001. Ability to assess nest predation risk in secondary hole-nesting birds: An experimental study. Oecologia (Berlin) **126**:201-207.

Poysa, H. and J. Virtanen. 1994. Habitat selection and survival of common goldeneye (Bucephala clangula) broods: preliminary results. Hydrobiologia **279-280**:289-296.

Poysa, H., J. Virtanen, and M. Milonoff. 1997. Common goldeneyes adjust maternal effort in relation to prior brood success and not current brood size. Behavioral Ecology and Sociobiology **40**:101-106.

Prach, R. W., A. R. Smith, and A. Dzubin. 1987. Nesting of the Common Eider near the Hell Gate-Cardigan Strait Polynya Canada 1980-81. Pages 127-136 Reed, A. (Ed.). Canadian Wildlife Service Report Series, No. 47. Eider Ducks in Canada. V+177p. Canadian Wildlife Service: Ste-Foy, Quebec, Canada. Illus. Maps. Paper.

Pratte, I., M. D. Tomlik, T. A. Betsch, B. M. Braune, G. R. Milton, and M. L. Mallory. 2015. Trace elements in eggs of common eiders (Somateria mollissima) breeding in Nova Scotia, Canada. Marine Pollution Bulletin **100**:586-591.

Prestrud, P. 1991. Summer Distribution and Population Size of the King Eider Somateria-Spectabilis in Svalbard Arctic Ocean. Norsk Polarinstitutt Skrifter:63-68.

Prestrud, P. and F. Mehlum. 1991. Population Size and Summer Distribution of the Common Eider Somateria-Mollissima in Svalbard Arctic Ocean 1981-1985. Norsk Polarinstitutt Skrifter:9-20.

Priebe, M. D. 1952. Acanthocephalan parasites of waterbirds in Eastern Washington. Trans Amer Microsc Soc **71**:347-349.

Prince, H. H. 1968. Nest sites used by wood ducks and common goldeneyes in New Brunswick. J Wildl Manage **32**:489-500.

Proctor, S. J., G. L. Pearson, and L. Liebovitz. 1975. Color Atlas of Wildlife Pathology Part 2 Duck Plague in Free Flying Waterfowl Observed During the Lake Andes Epizootic. Wildlife Diseases:1-59.

Provencher, J. F., H. G. Gilchrist, M. L. Mallory, G. W. Mitchell, and M. R. Forbes. 2016. Direct and indirect causes of sex differences in mercury concentrations and parasitic infections in a marine bird. Science of the Total Environment **551**:506-512.

Quakenbush, L., R. Suydam, T. Obritschkewitsch, and M. Deering. 2004. Breeding biology of Steller's eiders (Polysticta stelleri) near Barrow, Alaska, 1991 - 99. Arctic **57**:166-182.

Quakenbush, L. T., R. H. Day, B. A. Anderson, F. A. Pitelka, and B. J. McCaffery. 2002. Historical and present breeding season distribution of Steller's Eiders in Alaska. Western Birds **33**:99-120.

Quinlan, S. E. and W. A. Lehnhausen. 1982. Arctic Fox Alopex-Lagopus Predation on Nesting Common Eiders Somateria-Mollissima at Icy Cape Alaska USA. Canadian Field-Naturalist **96**:462-466.

Raab, R. 2003. Impact of the construction of the hydroelectric power plant Freudenau (Vienna) on the wintering stocks of waterbirds on the Danube in Vienna. Denisia:159-179.

Rad, O. 1980. Breeding Distribution and Habitat Selection of Red-Breasted Mergansers Mergus-Serrator in Fresh Water in Western Norway. Wildfowl **31**:53-56.

Rail, J.-F. and G. Chapdelaine. 2004. Fifteenth census of seabird populations in the sanctuaries of the North Shore of the Gulf of St. Lawrence, 1998-1999. Canadian Field-Naturalist **118**:256-263.

Rail, J.-F. and R. Cotter. 2007. Sixteenth Census of Seabird Populations in the Sanctuaries of the North Shore of the Gulf of St. Lawrence, 2005. Canadian Field-Naturalist **121**:287-294.

Ramey, A. M., J. M. Pearce, C. R. Ely, L. M. S. Guy, D. B. Irons, D. V. Derksen, and H. S. Ip. 2010. Transmission and reassortment of avian influenza viruses at the Asian-North American interface. Virology **406**:352-359.

Ramey, A. M., J. M. Pearce, A. B. Reeves, J. C. Franson, M. R. Petersen, and H. S. Ip. 2011. Evidence for limited exchange of avian influenza viruses between seaducks and dabbling ducks at Alaska Peninsula coastal lagoons. Archives of Virology **156**:1813-1821.

Ramey, A. M., A. B. Reeves, R. L. Poulson, J. Wasley, D. Esler, and D. E. Stallknecht. 2015. Sampling of Sea Ducks for Influenza A Viruses in Alaska during Winter Provides Lack of Evidence for Epidemiologic Peak of Infection. Journal of Wildlife Diseases **51**:938-941.

Raquel, A. J., J. H. Devries, D. W. Howerter, R. T. Alisauskas, S. W. Leach, and R. G. Clark. 2016. Timing of nesting of upland-nesting ducks in the Canadian prairies and its relation to spring wetland conditions. Canadian Journal of Zoology **94**:575-581.

Rave, D. P., M. C. Zicus, J. R. Fieberg, L. Savoy, and K. Regan. 2014. Trends in Eggshell Thickness and Mercury in Common Goldeneye and Hooded Merganser Eggs. Wildlife Society Bulletin **38**:9-13.

Raven, G. H. and D. L. Dickson. 2006. Changes in Distribution and Abundance of Birds on Western Victoria Island from 1992-1994 to 2004-2005. Canadian Wildlife Service.

Raven, G. H. and D. L. Dickson. 2009. Surveys of Pacific Common Eiders (Somateria mollissima v-nigra) in the Bathurst Inlet area of Nunavut, 2006-2008., Canadian Wildlife Service.

Reebs, S. G., L. Boudreau, P. Hardie, and R. A. Cunjak. 1995. Diel activity patterns of lake chubs and other fishes in a temperate stream. Canadian Journal of Zoology **73**:1221-1227.

Reed, A. 1987. Canadian Wildlife Service Report Series No. 47. Eider Ducks in Canada. Reed, A. (Ed.). Canadian Wildlife Service Report Series, No. 47. Eider Ducks in Canada. V+177p. Canadian Wildlife Service: Ste-Foy, Quebec, Canada. Illus. Maps. Paper.

Reed, A. 1987. Eiderdown Harvesting and Other Uses of Common Eiders in Spring and Summer. Pages 138-146 Reed, A. (Ed.). Canadian Wildlife Service Report Series, No. 47. Eider Ducks in Canada. V+177p. Canadian Wildlife Service: Ste-Foy, Quebec, Canada. Illus. Maps. Paper.

Reed, A., Y. Aubry, and E. Reed. 1994. Surf scoter, Melanitta perspicillata, nesting in Southern Quebec. Canadian Field-Naturalist **108**:364-365.

Reed, A. and A. Bourget. 1977. Distribution and Abundance of Waterfowl Wintering in Southern Quebec. Canadian Field-Naturalist **91**:1-7.

Reed, A. and G. Chapdelaine. 1978. Colonial Nesting Water Birds in the St-Lawrence River. Ibis **120**:124.

Reed, A. and J. G. Cousineau. 1967. Epidemics involving the common eider (Somateria mollissima) at He Blanche, Quebec. Natur Can **94**:327-334.

Reed, A., P. Dupuis, A. Bourget, and H. L. Mendall. 1987. Races of the Common Eider Wintering in the Gulf of St. Lawrence Canada. Pages 89-92 Reed, A. (Ed.). Canadian Wildlife Service Report Series, No. 47. Eider Ducks in Canada. V+177p. Canadian Wildlife Service: Ste-Foy, Quebec, Canada. Illus. Maps. Paper.

Reed, A. and A. J. Erskine. 1987. Populations of the Common Eider in the Eastern North America Their Size and Status. Pages 156-162 Reed, A. (Ed.). Canadian Wildlife Service Report Series, No. 47. Eider Ducks in Canada. V+177p. Canadian Wildlife Service: Ste-Foy, Quebec, Canada. Illus. Maps. Paper.

Reed, J. A. and P. L. Flint. 2007. Movements and foraging effort of Steller's Eiders and Harlequin Ducks wintering near Dutch Harbor, Alaska. Journal of Field Ornithology **78**:124-132.

Reed, J. A., D. L. Lacroix, and P. L. Flint. 2007. Depredation of Common Eider, Somateria mollissima, Nests on a Central Beaufort Sea Barrier Island: A Case Where No One Wins. Canadian Field-Naturalist **121**:308-312.

Regehr, H. M. 2003. Survival and movement of postfledging juvenile harlequin ducks. Wilson Bulletin **115**:423-430.

Regehr, H. M. 2011. Movement Rates and Distances of Wintering Harlequin Ducks: Implications for Population Structure. Waterbirds **34**:19-31.

Regehr, H. M. and M. S. Rodway. 2003. Evaluation of nasal discs and colored leg bands as markers for Harlequin Ducks. Journal of Field Ornithology **74**:129-135.

Regehr, H. M., C. M. Smith, B. Arquilla, and F. Cooke. 2001. Post-fledging broods of migratory Harlequin Ducks accompany females to wintering areas. Condor **103**:408-412.

Regel, K. V. 1987. Morphology and Life Cycle of Echinocotyle-Clanguli New-Species Cestoda Hymenolepididae. Parazitologiya (St. Petersburg) **21**:482-488.

Regel, K. V. 2005. To the fauna of the cestode family Hymenolepididae from ducks of Chukotka : Microsomacanthus parasobolevi sp n. - A widely distributed parasite of eider ducks. Parazitologiya (St. Petersburg) **39**:146-154.

Reimchen, T. E. 1980. Spine Deficiency and Polymorphism in a Population of Gasterosteus-Aculeatus an Adaptation to Predators. Canadian Journal of Zoology **58**:1232-1244.

Reimchen, T. E. and S. Douglas. 1984. Seasonal and Diurnal Abundance of Aquatic Birds on the Drizzle Lake Reserve Queen Charlotte Islands British-Columbia Canada. Canadian Field-Naturalist **98**:22-28.

Reinhardt, U. G. and M. C. Healey. 1997. Size-dependent foraging behaviour and use of cover in juvenile coho salmon under predation risk. Canadian Journal of Zoology **75**:1642-1651.

Reitan, O. and J. Sandvik. 1996. An assessment of retaining dams in hydropower reservoirs for enhancing bird habitat. Regulated Rivers Research and Management **12**:523-534.

Reynolds, P. 1987. Observations on the Time Budget and Diving Ecology of Long-Tailed Ducks in Eqalungmiut Nunaat West Greenland. Wildfowl **38**:55-62.

Ribak, G., J. G. Swallow, and D. R. Jones. 2010. Drag-Based 'Hovering' in Ducks: The Hydrodynamics and Energetic Cost of Bottom Feeding. PLoS One **5**:e12565.

Ribeiro, F., L. V. Lins, V. M. Gomes, F. H. Nery, and E. S. dos Reis. 2011. Dispersion and sexual maturity of Mergus octosetaceus Vieillot, 1817 in the Serra da Canastra, Minas Gerais, Brazil. Revista Brasileira De Ornitologia **19**:391-397.

Ricca, M. A., A. K. Miles, B. E. Ballachey, J. L. Bodkin, D. Esler, and K. A. Trust. 2010. PCB exposure in sea otters and harlequin ducks in relation to history of contamination by the Exxon Valdez oil spill. Marine Pollution Bulletin **60**:861-872.

Richardson, W. J. and S. R. Johnson. 1981. Water Bird Migration near the Yukon Canada and Alaskan USA Coast of the Beaufort Sea 1. Timing Routes and Numbers in Spring. Arctic **34**:108-121.

Richman, S. E. and J. R. Lovvorn. 2003. Effects of clam species dominance on nutrient and energy acquisition by spectacled eiders in the Bering Sea. Marine Ecology Progress Series **261**:283-297.

Richman, S. E. and J. R. Lovvorn. 2008. Costs of diving by wing and foot propulsion in a sea duck, the white-winged scoter. Journal of Comparative Physiology B Biochemical Systemic and Environmental Physiology **178**:321-332.

Richman, S. E. and J. R. Lovvorn. 2009. Predator size, prey size and threshold food densities of diving ducks: does a common prey base support fewer large animals? Journal of Animal Ecology **78**:1033-1042.

Richner, H. 1988. Temporal and Spatial Patterns in the Abundance of Wintering Red-Breasted Mergansers Mergus-Serrator in an Estuary. Ibis **130**:73-78.

Richter, B., C. Schulze, J. Kaemmerling, M. Mostegl, and H. Weissenboeck. 2010. First report of typhlitis/typhlohepatitis caused by Tetratrichomonas gallinarum in three duck species. Avian Pathology **39**:499-503.

Riedman, M. L. and J. A. Estes. 1988. Predation on Seabirds by Sea Otters. Canadian Journal of Zoology **66**:1396-1402.

Rigou, Y. and M. Guillemette. 2010. Foraging Effort and Pre-laying Strategy in Breeding Common Eiders. Waterbirds **33**:314-322.

Rizzolo, D. J., D. Esler, D. D. Roby, and R. L. Jarvis. 2005. Do wintering Harlequin Ducks forage nocturnally at high latitudes? Condor **107**:173-177.

Robards, M., H. G. Gilchrist, and K. Allard. 2000. Breeding Atlantic Puffins, Fractercula arctica, and other bird species of Coburg Island, Nunavut. Canadian Field-Naturalist **114**:72-77.

Robb, W. H. 1930. Nuptial performance of the hooded merganser. Auk **47**:244-245.

Robert, M., R. Benoit, C. Marcotte, J.-P. L. Savard, D. Bordage, and D. Bourget. 2003. Le Garrot d’Islande dans l’estuaire du Saint-Laurent : calendrier de présence annuelle, répartition, abondance, âge-ratio et sex-ratio., Canadian Wildlife Service.

Robert, M., R. Benoit, and J.-P. L. Savard. 2002. Relationship among breeding, molting, and wintering areas of male Barrow's Goldeneyes (Bucephala islandica) in eastern North America. Auk **119**:676-684.

Robert, M., D. Bordage, J.-P. L. Savard, G. Fitzgerald, and F. Morneau. 2000. The breeding range of the Barrow's Goldeneye in eastern North America. Wilson Bulletin **112**:1-7.

Robert, M. and L. Cloutier. 2001. Summer food habits of Harlequin Ducks in eastern North America. Wilson Bulletin **113**:78-84.

Robert, M., B. Drolet, and J.-P. L. Savard. 2006. Effects of backpack radio-transmitters on female Barrow's Goldeneyes. Waterbirds **29**:115-120.

Robert, M., B. Drolet, and J.-P. L. Savard. 2008. Habitat features associated with Barrow's Goldeneye breeding in eastern Canada. Wilson Journal of Ornithology **120**:320-330.

Robert, M., G. H. Mittelhauser, B. Jobin, G. Fitzgerald, and P. Lamothe. 2008. New Insights on Harlequin Duck Population Structure in Eastern North America as Revealed by Satellite Telemetry. Waterbirds **31**:159-172.

Robert, M. and J.-P. L. Savard. 2006. The St. Lawrence River Estuary and Gulf: A stronghold for Barrow's Goldeneyes wintering in eastern North America. Waterbirds **29**:437-450.

Robert, M., M.-A. Vaillancourt, and P. Drapeau. 2010. Characteristics of nest cavities of Barrow's Goldeneyes in eastern Canada. Journal of Field Ornithology **81**:287-293.

Roberts, A. J. and M. R. Conover. 2014. Role of Benthic Substrate in Waterbird Distribution on Great Salt Lake, Utah. Waterbirds **37**:298-306.

Roberts, A. J., M. R. Conover, and J. L. Vest. 2016. ENVIRONMENTAL INFLUENCES ON WINTERING DUCK ABUNDANCE AT GREAT SALT LAKE, UTAH. Western North American Naturalist **76**:18-26.

Robertson, G. J. 1995. Annual variation in common eider egg size: Effects of temperature, clutch size, laying date, and laying sequence. Canadian Journal of Zoology **73**:1579-1587.

Robertson, G. J. 1995. Factors affecting nest site selection and nesting success in the Common Eider Somateria mollissima. Ibis **137**:109-115.

Robertson, G. J. 1998. Egg adoption can explain joint egg-laying in common eiders. Behavioral Ecology and Sociobiology **43**:289-296.

Robertson, G. J. 2008. Using Winter Juvenile/Adult Ratios as Indices of Recruitment in Population Models. Waterbirds **31**:152-158.

Robertson, G. J. and F. Cooke. 1993. Intraclutch egg-size variation and hatching success in the common eider. Canadian Journal of Zoology **71**:544-549.

Robertson, G. J. and F. Cooke. 1999. Winter philopatry in migratory waterfowl. Auk **116**:20-34.

Robertson, G. J., F. Cooke, R. I. Goudie, and W. S. Boyd. 1998. Moult speed predicts pairing success in male harlequin ducks. Animal Behaviour **55**:1677-1684.

Robertson, G. J., F. Cooke, R. I. Goudie, and W. S. Boyd. 1998. The timing of arrival and moult chronology of Harlequin Ducks Histrionicus histrionicus. Wildfowl **48**:147-155.

Robertson, G. J., F. Cooke, R. I. Goudie, and W. S. Boyd. 1998. The timing of pair formation in Harlequin ducks. Condor **100**:551-555.

Robertson, G. J., F. Cooke, R. I. Goudie, and W. S. Boyd. 2000. Spacing patterns, mating systems, and winter philopatry in Harlequin Ducks. Auk **117**:299-307.

Robertson, G. J. and H. G. Gilchrist. 1998. Evidence of population declines among common eiders breeding in the Belcher Islands, Northwest Territories. Arctic **51**:378-385.

Robertson, G. J. and H. G. Gilchrist. 2003. Wintering Snowy Owls feed on sea ducks in the Belcher Islands, Nunavut, Canada. Journal of Raptor Research **37**:164-166.

Robertson, G. J., G. H. Mittelhauser, T. Chubbs, P. Trimper, R. I. Goudie, P. W. Thomas, S. Brodeur, M. Robert, S. G. Gilliland, and J.-P. L. Savard. 2008. Morphological Variation among Harlequin Ducks in the Northwest Atlantic. Waterbirds **31**:194-203.

Robertson, G. J., A. Reed, and H. G. Gilchrist. 2001. Clutch, egg and body size variation among common eiders breeding in Hudson Bay, Canada. Polar Research **20**:85-94.

Robertson, G. J. and J.-P. L. Savard. 2002. Long-tailed duck: Clangula hyemalis. Birds of North America:1-27.

Robertson, G. J., M. D. Watson, and F. Cooke. 1992. Frequency, timing and costs of intraspecific nest parasitism in the common eider. Condor **94**:871-879.

Robertson, G. J. a. J.-P. L. S. 2002. Long-tailed Duck (Clangula hyemalis). The Birds of North America.

Robertson, G. J. a. R. I. G. 1999. Harlequin Duck (Histrionicus histrionicus). The Birds of North America.

Robinson, H. W. 1926. The nesting of Steller's Eider in Norway. Ibis **2**:631.

Robinson, J. A. 1999. Migration and morphometrics of the Red-breasted Merganser Mergus serrator in northern Eurasia and the implications for conservation of this species in Britain and Ireland. Wildfowl:139-148.

Robledano, F., M. A. Esteve, J. Martinez-Fernandez, and P. Farinos. 2011. Determinants of wintering waterbird changes in a Mediterranean coastal lagoon affected by eutrophication. Ecological Indicators **11**:395-406.

Rodriguez-Perez, H. and A. J. Green. 2012. Strong seasonal effects of waterbirds on benthic communities in shallow lakes. Freshwater Science **31**:1273-1288.

Rodway, M. S. 1998. Activity patterns, diet, and feeding efficiency of Harlequin Ducks breeding in northern Labrador. Canadian Journal of Zoology **76**:902-909.

Rodway, M. S. 1998. Habitat use by Harlequin Ducks breeding in Hebron Fiord, Labrador. Canadian Journal of Zoology **76**:897-901.

Rodway, M. S. 2006. Have winter spacing patterns of harlequin ducks been partially shaped by sexual selection? Waterbirds **29**:415-426.

Rodway, M. S. 2007. Timing of pairing in waterfowl II: Testing the hypotheses with Harlequin Ducks. Waterbirds **30**:506-520.

Rodway, M. S. 2013. Pair-bond Defense Relates to Mate Quality in Harlequin Ducks (Histrionicus histrionicus). Waterbirds **36**:189-198.

Rodway, M. S. and F. Cooke. 2001. Effect of food availability on arrival and departure decisions of Harlequin Ducks at diurnal feeding grounds. Condor **103**:870-874.

Rodway, M. S. and F. Cooke. 2002. Use of fecal analysis to determine seasonal changes in the diet of wintering Harlequin Ducks at a herring spawning site. Journal of Field Ornithology **73**:363-371.

Rodway, M. S., J. W. Goose, Jr., I. Fong, and W. A. Montevecchi. 1998. Discovery of a Harlequin Duck nest in Eastern North America. Wilson Bulletin **110**:282-285.

Rodway, M. S., H. M. Regehr, J. Ashley, P. V. Clarkson, R. I. Goudie, D. E. Hay, C. M. Smith, and K. G. Wright. 2003. Aggregative response of Harlequin Ducks to herring spawning in the Strait of Georgia, British Columbia. Canadian Journal of Zoology **81**:504-514.

Rodway, M. S., H. M. Regehr, and F. Cooke. 2003. Sex and age differences in distribution, abundance, and habitat preferences of wintering Harlequin Ducks: Implications for conservation and estimating recruitment rates. Canadian Journal of Zoology **81**:492-503.

Roed, U. 1971. Molting Migration in Southern Jutland and at Kalmarsund. Flora og Fauna **77**:45-51.

Ronconi, R. A. 2006. Predicting bird oiling events at oil sands tailings ponds and assessing the importance of alternate waterbodies for waterfowl: A preliminary assessment. Canadian Field-Naturalist **120**:1-9.

Ronconi, R. A. and S. N. P. Wong. 2003. Estimates of changes in seabird numbers in the Grand Manan Archipelago, New Brunswick, Canada. Waterbirds **26**:462-472.

Ronka, M., L. Saari, M. Hario, J. Hanninen, and E. Lehikoinen. 2011. Breeding success and breeding population trends of waterfowl: implications for monitoring. Wildlife Biology **17**:225-239.

Ronka, M. T. H., C. L. V. Saari, E. A. Lehikoinen, J. Suomela, and K. Hakkila. 2005. Environmental changes and population trends of breeding waterfowl in northern Baltic Sea. Annales Zoologici Fennici **42**:587-602.

Ronka, M. T. H., L. Saari, E. A. Lehikoinen, and J. Suomela. 2006. Environmental changes and population trends in breeding waterfowl in the northern Baltic Sea. Journal of Ornithology **147**:17.

Rose, K. A., P. G. Tickle, J. J. Lees, K. A. Stokkan, and J. R. Codd. 2014. Neither season nor sex affects the cost of terrestrial locomotion in a circumpolar diving duck: the common eider (Somateria mollissima). Polar Biology **37**:879-889.

Rosenberg, D. H., M. J. Petrula, J. L. Schamber, D. Zwiefelhofer, T. E. Hollmen, and D. D. Hill. 2014. Seasonal Movements and Distribution of Steller's Eiders (Polysticta stelleri) Wintering at Kodiak Island, Alaska. Arctic **67**:347-359.

Ross, B. P., J. Lien, and R. W. Furness. 2001. Use of underwater playback to reduce the impact of eiders on mussel farms. ICES Journal of Marine Science **58**:517-524.

Ross, R. K. 1983. An Estimate of the Black Scoter Melanitta-Nigra Population Molting in James and Hudson Bays Canada. Canadian Field-Naturalist **97**:147-150.

Ross, R. K., K. F. Abraham, T. R. Gadawski, R. S. Rempel, T. S. Gabor, and R. Maher. 2002. Abundance and distribution of breeding waterfowl in the Great Clay Belt of northern Ontario. Canadian Field-Naturalist **116**:42-50.

Ross, R. K., S. A. Petrie, S. S. Badzinski, and A. Mullie. 2005. Autumn diet of greater scaup, lesser scaup, and long-tailed ducks on eastern Lake Ontario prior to zebra mussel invasion. Wildlife Society Bulletin **33**:81-91.

Rothe, T. C., P. I. Padding, L. C. Naves, and G. J. Robertson. 2015. Harvest of sea ducks in North America: A contemporary summary. CRC Press, Boca Raton, FL.

Rothschild, R. F. N. and L. K. Duffy. 2005. Mercury concentrations in muscle, brain and bone of Western Alaskan waterfowl. Science of the Total Environment **349**:277-283.

Rozemeijer, M. J. C., J. P. Boon, C. Swennen, A. Brouwer, and A. J. Murk. 1995. Dioxin type and mixed type induction of the cytochrome P-450 system of common eider ducklings (Somateria mollissima) by PCBs: With indications for biotransformation. Aquatic Toxicology (Amsterdam) **32**:93-113.

Ruusila, V. 1999. Maternal investment, female philopatry and reproductive success in the common goldeneye Bucephala clangula. Annales Universitatis Turkuensis Series A II Biologica-Geographica-Geologica **129**:i.

Ruusila, V., H. Poysa, and P. Runko. 2000. Characteristics of maternal family lineages in a Common Goldeneye Bucephala clangula breeding population. Ornis Fennica **77**:77-82.

Ruusila, V., H. Poysa, and P. Runko. 2001. Costs and benefits of female-biased natal philopatry in the common goldeneye. Behavioral Ecology **12**:686-690.

Ruusila, V., H. Poysa, and P. Runko. 2001. Female wing plumage reflects reproductive success in Common Goldeneye Bucephala clangula. Journal of Avian Biology **32**:1-5.

Ruxton, G. D. 1999. Are attentive mothers preferentially parasitised? Behavioral Ecology and Sociobiology **46**:71-72.

Ryding, K. E., J. J. Millspaugh, and J. R. Skalski. 2007. Using time series to estimate rates of population change from abundance data. Journal of Wildlife Management **71**:202-207.

Safine, D. E. and M. S. Lindberg. 2008. Nest habitat selection of White-winged Scoters on Yukon Flats, Alaska. Wilson Journal of Ornithology **120**:582-593.

Sakoda, Y., S. Sugar, D. Batchluun, T.-O. Erdene-Ochir, M. Okamatsu, N. Isoda, K. Soda, H. Takakuwa, Y. Tsuda, N. Yamamoto, N. Kishida, K. Matsuno, E. Nakayama, M. Kajihara, A. Yokoyama, A. Takada, R. Sodnomdarjaa, and H. Kida. 2010. Characterization of H5N1 highly pathogenic avian influenza virus strains isolated from migratory waterfowl in Mongolia on the way back from the southern Asia to their northern territory. Virology **406**:88-94.

Salter, R. E., M. A. Gollop, S. R. Johnson, W. R. Koski, and C. E. Tull. 1980. Distribution and Abundance of Birds on the Arctic Coastal Plain of Northern Yukon and Adjacent Northwest-Territories Canada 1971-1976. Canadian Field-Naturalist **94**:219-238.

Salyer, J. C., II and K. F. Lagler. 1940. The food and habits of the American Merganser during winter in Michigan, considered in relation to fish management. Jour Wildlife Management **4**:186-219.

Sangster, G. 2009. Acoustic Differences between the Scoters Melanitta Nigra Nigra and M. N. Americana. Wilson Journal of Ornithology **121**:696-702.

Sangster, G., J. M. Collinson, P. A. Crochet, G. M. Kirwan, A. G. Knox, D. T. Parkin, and S. C. Votier. 2016. Taxonomic recommendations for Western Palearctic birds: 11th report. Ibis **158**:206-212.

Sato, Y., T. Aoyagi, S. Matsuura, S. Fukui, I. Kitazawa, K. Nishimori, and Y. Yokomizo. 1996. An occurrence of avian tuberculosis in hooded merganser (Lophodytes cucullatus). Avian Diseases **40**:941-944.

Savard J-P, L. 1982. Intraspecific and Interspecific Competition between Barrows Goldeneye Bucephala-Islandica and Bufflehead Bucephala-Albeola. Canadian Journal of Zoology **60**:3439-3446.

Savard J-P, L. 1984. Territorial Behavior of Common Goldeneye Bucephala-Clangula Barrows Goldeneye Bucephala-Islandica and Bufflehead Bucephala-Albeola in Areas of Sympatry. Ornis Scandinavica **15**:211-216.

Savard J-P, L. 1985. Evidence of Long-Term Pair Bonds in Barrows Goldeneye Bucephala-Islandica. Auk **102**:389-391.

Savard J-P, L. 1986. Polygyny in Barrow's Goldeneye Bucephala-Islandica. Condor **88**:250-252.

Savard J-P, L. 1987. Causes and Functions of Brood Amalgamation in Barrow's Goldeneye and Bufflehead. Canadian Journal of Zoology **65**:1548-1553.

Savard J-P, L. 1988. Use of Nest Boxes by Barrow's Goldeneyes Nesting Success and Effect on the Breeding Population. Wildlife Society Bulletin **16**:125-132.

Savard J-P, L. 1988. Winter Spring and Summer Territorality in Barrow's Goldeneye Characteristics and Benefits. Ornis Scandinavica **19**:119-128.

Savard J-P, L. and J. M. Eadie. 1989. Survival and Breeding Philopatry in Barrow's and Common Goldeneyes. Condor **91**:198-203.

Savard J-P, L. and P. Lamothe. 1991. Distribution Abundance and Aspects of Breeding Ecology of Black Scoters Melanitta Nigra and Surf Scoters Melanitta-Perspicillata in Northern Quebec. Canadian Field-Naturalist **105**:488-496.

Savard J-P, L., G. E. J. Smith, and J. N. M. Smith. 1991. Duckling Mortality in Barrow's Goldeneye and Bufflehead Broods. Auk **108**:568-577.

Savard J-P, L. and J. N. M. Smith. 1987. Interspecific Aggression by Barrow's Goldeneye a Descriptive and Functional Analysis. Behaviour **102**:168-184.

Savard, J.-P. L. a. M. R. P. 2015. Remigial molt of sea ducks. CRC Press, Boca Raton, FL.

Savard, J. P. L., L. Lesage, S. G. Gilliland, H. G. Gilchrist, and J. F. Giroux. 2011. Molting, Staging, and Wintering Locations of Common Eiders Breeding in the Gyrfalcon Archipelago, Ungava Bay. Arctic **64**:197-206.

Savard, J. P. L., A. Reed, and L. Lesage. 1999. Brood amalgamation in Surf Scoters Melanitta perspicillata and other Mergini. Wildfowl **49**:129-138.

Savard, J. P. L. and M. Robert. 2013. Relationships among Breeding, Molting and Wintering Areas of Adult Female Barrow's Goldeneyes (Bucephala islandica) in Eastern North America. Waterbirds **36**:34-42.

Savard, J.-P. L., W. S. Boyd, and G. E. J. Smith. 1994. Waterfowl-wetland relationships in the Aspen Parkland of British Columbia: Comparison of analytical methods. Hydrobiologia **279-280**:309-325.

Savard, J.-P. L., A. Reed, and L. Lesage. 2007. Chronology of breeding and molt migration in surf scoters (Melanitta perspicillata). Waterbirds **30**:223-229.

Savard, J.-P. L. and M. Robert. 2007. Use of nest boxes by Goldeneyes in eastern North America. Wilson Journal of Ornithology **119**:28-34.

Savard, J.-P. L., M. Robert, and S. Brodeur. 2008. Harlequin Ducks in Quebec. Waterbirds **31**:19-31.

Savinov, V. M., G. W. Gabrielsen, and T. N. Savinova. 2003. Cadmium, zinc, copper, arsenic, selenium and mercury in seabirds from the Barents Sea: Levels, inter-specific and geographical differences. Science of the Total Environment **306**:133-158.

Savinova, T. N., A. Polder, G. W. Gabrielsen, and J. U. Skaare. 1995. Chlorinated hydrocarbons in seabirds from the Barents Sea area. Science of the Total Environment **160-161**:497-504.

Sayler, R. D. and A. D. Afton. 1981. Ecological Aspects of Common Goldeneyes Bucephala-Clangula Wintering on the Upper Mississippi River USA. Ornis Scandinavica **12**:99-108.

Schamber, J. L., F. J. Broerman, and P. L. Flint. 2010. Reproductive Ecology and Habitat Use of Pacific Black Scoters (Melanitta nigra americana) Nesting on the Yukon-Kuskokwim Delta, Alaska. Waterbirds **33**:129-139.

Schamber, J. L., P. L. Flint, J. B. Grand, H. M. Wilson, and J. A. Morse. 2009. Population Dynamics of Long-tailed Ducks Breeding on the Yukon-Kuskokwim Delta, Alaska. Arctic **62**:190-200.

Schamel, D. 1977. Breeding of the Common Eider Somateria-Mollissima on the Beaufort Sea Coast of Alaska USA. Condor **79**:478-485.

Schamel, D. 1978. Bird Use of a Beaufort Sea Barrier Island in Summer. Canadian Field-Naturalist **92**:55-60.

Scheel, H. 1964. The sea eagle and its food. Gron Land **2**:92-97.

Scheiffarth, G. and P. H. Becker. 2008. Roosting waterbirds at the Osterems, German Wadden Sea: seasonal and spatial trends studied by aerial and ground surveys. Senckenbergiana Maritima **38**:137-142.

Scheiffarth, G., D. Frank, U. Bradter, and B. Thoden. 2006. Crushing shells in a stomach: more than simple mechanics. Journal of Ornithology **147**:246.

Schenkeveld, L. E. and R. C. Ydenberg. 1985. Synchronous Diving by Surf Scoter Melanitta-Perspicillata Flocks. Canadian Journal of Zoology **63**:2516-2519.

Scheuhammer, A. M., A. H. K. Wong, and D. Bond. 1998. Mercury and selenium accumulation in common loons (Gavia immer) and common mergansers (Mergus merganser) from eastern Canada. Environmental Toxicology and Chemistry **17**:197-201.

Schiller, E. L. 1954. Studies on the helminth fauna of Alaska. XVIII. Cestode parasites in young Anseriformes on the Yukon delta nesting grounds. Trans Amer Microsc Soc **73**:194-201.

Schiller, E. L. 1955. Studies on the helminth fauna of Alaska. XXIII. Some cestode parasites of eider ducks. Jour Parasitol **41**:79-88.

Schmidt, G. D. 1965. Polymorphus swartzi sp. n., and other Acanthocephala of Alaskan ducks. J Parasitol **51**:809-813.

Schmidt, J. H., E. J. Taylor, and E. A. Rexstad. 2005. Incubation behaviors and patterns of nest attendance in common goldeneyes in interior Alaska. Condor **107**:167-172.

Schmidt, J. H., E. J. Taylor, and E. A. Rexstad. 2006. Survival of common goldeneye ducklings in interior Alaska. Journal of Wildlife Management **70**:792-798.

Schmidt, J. H., J. A. Walker, M. S. Lindberg, D. S. Johnson, and S. E. Stephens. 2010. A General Bayesian Hierarchical Model for Estimating Survival of Nests and Young. Auk **127**:379-386.

Schmutz, J. K., R. J. Robertson, and F. Cooke. 1982. Female Sociality in the Common Eider Duck Somateria-Mollissima During Brood Rearing. Canadian Journal of Zoology **60**:3326-3331.

Schmutz, J. K., R. J. Robertson, and F. Cooke. 1983. Colonial Nesting of the Hudson Bay Eider Duck Somateria-Mollissima-Sedentaria. Canadian Journal of Zoology **61**:2424-2433.

Schmutz, S. M., J. K. Schmutz, N. E. Simpson, and H. Tabel. 1987. Serum Protein Polymorphism in Common Eiders Detected by Isoelectric Focusing. Biochemical Genetics **25**:191-196.

Schricke, V. 1984. The Seasonal Variations of the Numbers of Waterfowl Using Mont-Saint-Michel Bay France. Alauda **52**:1-30.

Schulze, C., J. Kammerling, P. Kutzer, A. Engelhardt, and B. Richter. 2012. Cryptosporidium baileyi - infection in Red-breasted Merganser (Mergus serrator) ducklings from a zoological garden. Berliner Und Munchener Tierarztliche Wochenschrift **125**:428-431.

Schulze, C., J. Kammerling, P. Kutzer, and B. Richter. 2012. CRYPTOSPORIDIUM BAILEYI INFECTION IN RED-BREASTED MERGANSER DUCKLINGS. Journal of Comparative Pathology **146**:70-70.

Schummer, M. L., R. B. Allen, and G. M. Wang. 2011. Sizes and Long-term Trends of Duck Broods in Maine, 1955-2007. Northeastern Naturalist **18**:73-86.

Schummer, M. L., S. S. Badzinski, S. A. Petrie, Y.-W. Chen, and N. Belzile. 2010. Selenium Accumulation in Sea Ducks Wintering at Lake Ontario. Archives of Environmental Contamination and Toxicology **58**:854-862.

Schummer, M. L., I. Fife, S. A. Petrie, and S. S. Badzinski. 2011. Artifact Ingestion in Sea Ducks Wintering at Northeastern Lake Ontario. Waterbirds **34**:51-58.

Schummer, M. L., S. A. Petrie, and R. C. Bailey. 2008. Dietary overlap of sympatric diving ducks during winter on northeastern Lake Ontario. Auk **125**:425-433.

Schummer, M. L., S. A. Petrie, and R. C. Bailey. 2008. Interaction between macroinvertebrate abundance and habitat use by diving ducks during winter on northeastern Lake Ontario. Journal of Great Lakes Research **34**:54-71.

Schummer, M. L., S. A. Petrie, R. C. Bailey, and S. S. Badzinski. 2012. FACTORS AFFECTING LIPID RESERVES AND FORAGING ACTIVITY OF BUFFLEHEADS, COMMON GOLDENEYES, AND LONG-TAILED DUCKS DURING WINTER AT LAKE ONTARIO. Condor **114**:62-74.

Schwemmer, P. and S. Garthe. 2006. Sea ducks and impacts of ship traffic in the Baltic Sea. Journal of Ornithology **147**:249.

Schwemmer, P., B. Mendel, N. Sonntag, V. Dierschke, and S. Garthe. 2011. Effects of ship traffic on seabirds in offshore waters: implications for marine conservation and spatial planning. Ecological Applications **21**:1851-1860.

Scott, C. A., J. A. K. Mazet, and A. N. Powell. 2010. Health Evaluation of Western Arctic King Eiders (Somateria spectabilis). Journal of Wildlife Diseases **46**:1290-1294.

Scott, G. R. and W. K. Milsom. 2006. Flying high: A theoretical analysis of the factors limiting exercise performance in birds at altitude. Respiratory Physiology & Neurobiology **154**:284-301.

Scribner, K. T. and T. D. Bowman. 1998. Microsatellites identify depredated waterfowl remains from glaucous gull stomachs. Molecular Ecology **7**:1401-1405.

Scribner, K. T., M. R. Petersen, R. L. Fields, S. L. Talbot, J. M. Pearce, and R. K. Chesser. 2001. Sex-biased gene flow in spectacled eiders (Anatidae): Inferences from molecular markers with contrasting modes of inheritance. Evolution **55**:2105-2115.

Seip, K. L., E. Sandersen, F. Mehlum, and J. Ryssdal. 1991. Damages to Seabirds from Oil Spills Comparing Simulation Results and Vulnerability Indexes. Ecological Modelling **53**:39-60.

Sekler, M., A. Ruzica, D. Krnjaic, T. Palic, N. Milic, J. Tanja, K. Dragana, B. Plavsic, S. Dragica, D. Vidanovic, and N. Asanin. 2009. Examination of Presence of Specific Antibodies against Avian Influenza Virus in Some Species of Wild Birds. Acta Veterinaria (Belgrade) **59**:381-402.

Sellin, D. 1990. Fish Spawn as Food of Birds. Vogelwelt **111**:217-223.

Seltmann, M. W., K. Jaatinen, B. B. Steele, and M. Ost. 2014. Boldness and Stress Responsiveness as Drivers of Nest-Site Selection in a Ground-Nesting Bird. Ethology **120**:77-89.

Seltmann, M. W., M. Ost, K. Jaatinen, S. Atkinson, K. Mashburn, and T. Hollmen. 2012. Stress responsiveness, age and body condition interactively affect flight initiation distance in breeding female eiders. Animal Behaviour **84**:889-896.

Senechal, E., J. Bety, and H. G. Gilchrist. 2011. Interactions between lay date, clutch size, and postlaying energetic needs in a capital breeder. Behavioral Ecology **22**:162-168.

Senechal, E., J. Bety, H. G. Gilchrist, K. A. Hobson, and S. E. Jamieson. 2011. Do purely capital layers exist among flying birds? Evidence of exogenous contribution to arctic-nesting common eider eggs. Oecologia (Berlin) **165**:593-604.

Senechal, H., G. Gauthier, and J.-P. L. Savard. 2008. Nesting Ecology of Common Goldeneyes and Hooded Mergansers in a Boreal River System. Wilson Journal of Ornithology **120**:732-742.

Sexson, M. G., D. M. Mulcahy, M. Spriggs, and G. E. Myers. 2014. Factors Influencing Immediate Post-Release Survival of Spectacled Eiders Following Surgical Implantation of Transmitters With Percutaneous Antennae. Journal of Wildlife Management **78**:550-560.

Sexson, M. G., M. R. Petersen, G. A. Breed, and A. N. Powell. 2016. Shifts in the distribution of molting Spectacled Eiders (Somateria fischeri) indicate ecosystem change in the Arctic. Condor **118**:463-476.

Seys, J., H. Offringa, P. Meire, J. Van Waeyenberge, and E. Kuijken. 2002. Long-term changes in oil pollution off the Belgian coast: Evidence from beached bird monitoring. Belgian Journal of Zoology **132**:111-118.

Shao, M. Q., B. B. Zeng, H. Tim, L. X. Chen, C. Y. You, H. B. Wang, and N. H. Dai. 2012. Winter Ecology and Conservation Threats of Scaly-sided Merganser Mergus squamatus in Poyang Lake Watershed, China. Pakistan Journal of Zoology **44**:503-510.

Siegel, R. B., P. Pyle, J. H. Thorne, A. J. Holguin, C. A. Howell, S. Stock, and M. W. Tingley. 2014. Vulnerability of birds to climate change in California's Sierra Nevada. Avian Conservation and Ecology **9**.

Siegfried, W. R. 1974. Climbing ability of ducklings of some cavity-nesting waterfowl. Wildfowl **25**:74-80.

Sileo, L., L. H. Creekmore, D. J. Audet, M. R. Snyder, C. U. Meteyer, J. C. Franson, L. N. Locke, M. R. Smith, and D. L. Finley. 2001. Lead poisoning of waterfowl by contaminated sediment in the Coeur d'Alene River. Archives of Environmental Contamination and Toxicology **41**:364-368.

Silverman, E. D., D. T. Saalfeld, J. B. Leirness, and M. D. Koneff. 2013. Wintering Sea Duck Distribution Along the Atlantic Coast of the United States. Journal of Fish and Wildlife Management **4**:178-198.

Sinclair, E., D. T. Mayack, K. Roblee, N. Yamashita, and K. Kannan. 2006. Occurrence of perfluoroalkyl surfactants in water, fish, and birds from New York State. Archives of Environmental Contamination and Toxicology **50**:398-410.

Singh, S. M., M. Tsuji, P. Gawas-Sakhalker, M. Loonen, and T. Hoshino. 2016. Bird feather fungi from Svalbard Arctic. Polar Biology **39**:523-532.

Sipia, V. O., K. M. Karlsson, J. A. O. Meriluoto, and H. T. Kankaanpaa. 2004. Eiders (Somateria mollissima) obtain nodularin, a cyanobacterial hepatotoxin, in Baltic Sea food web. Environmental Toxicology and Chemistry **23**:1256-1260.

Sipia, V. O., M.-R. Neffling, J. S. Metcalf, S. M. K. Nybom, J. A. O. Meriluoto, and G. A. Codd. 2008. Nodularin in feathers and liver of eiders (Somateria mollissima) caught from the western Gulf of Finland in June-September 2005. Harmful Algae **7**:99-105.

Sipia, V. O., O. Sjovall, T. Valtonen, D. L. Barnaby, G. A. Codd, J. S. Metcalf, M. Kilpi, O. Mustonen, and J. A. O. Meriluoto. 2006. Analysis of nodularin-R in eider (Somateria mollissima), roach (Rutilus rutilus L.), and flounder (Platichthys flesus L.) liver and muscle samples from the western Gulf of Finland, northern Baltic Sea. Environmental Toxicology and Chemistry **25**:2834-2839.

Sirois, J. 1995. Confirmed winter residency of common goldeneye and common merganser in the Northwest Territories. Blue Jay **53**:140-143.

Sitko, J. and I. Rzad. 2014. Diplostomum and Ornithodiplostomum scardinii (Diplostomidae, Digenea) species from naturally infected birds (Anatinae) in the Czech Republic and in Poland: morphological, morphometric and ecological features. Helminthologia **51**:215-224.

Sittler, B., O. Gilg, and T. B. Berg. 2000. Low abundance of king eider nests during low lemming years in Northeast Greenland. Arctic **53**:53-60.

Sivak, J. G. and R. F. Glover. 1986. Anatomy of the Avian Membrana Nictitans. Canadian Journal of Zoology **64**:963-972.

Sjoberg, K. 1975. Food Choice and Predation Efficiency by Mergansers in Laboratory Tests. Fauna och Flora Naturhistoriska Riksmuseet **70**:241-246.

Sjoberg, K. 1985. Foraging Activity Patterns in the Goosander Mergus-Merganser and the Red-Breasted Merganser Mergus-Serrator in Relation to Patterns of Activity in Their Major Prey Species. Oecologia (Berlin) **67**:35-39.

Sjoberg, K. 1988. Food Selection Food-Seeking Patterns and Hunting Success of Captive Goosanders Mergus-Merganser and Red-Breasted Mergansers Mergus-Serrator in Relation to the Behavior of Their Prey. Ibis **130**:79-93.

Sjoberg, K. 1989. Time-Related Predator-Prey Interactions between Birds and Fish in a Northern Swedish River. Oecologia (Berlin) **80**:1-10.

Skerratt, L. F., J. C. Franson, C. U. Meteyer, and T. E. Hollmen. 2005. Causes of mortality in sea ducks (Mergini) necropsied at the USGS-National Wildlife Health Center. Waterbirds **28**:193-207.

Skirnisson, K. 2015. Association of helminth infections and food consumption in common eiders Somateria mollissima in Iceland. Journal of Sea Research **104**:41-50.

Skirnisson, K. and K. V. Galaktionov. 2002. Life cycles and transmission patterns of seabird digeneans in SW Iceland. Sarsia **87**:144-151.

Skov, H., J. Durinck, M. F. Leopold, and M. L. Tasker. 2007. A quantitative method for evaluating the importance of marine areas for conservation of birds. Biological Conservation **136**:362-371.

Skwarzec, B. and J. Fabisiak. 2007. Bioaccumulation of polonium Po-210 in marine birds. Journal of Environmental Radioactivity **93**:119-126.

Smith, A. D., S. R. McWilliams, K. J. Winiarski, C. L. Trocki, B. Harris, J. E. Osenkowski, and P. W. C. Paton. 2015. Using Land-based Surveys to Assess Sea Duck Abundance and Behavior in Nearshore Waters of Southern New England, USA. Waterbirds **38**:252-259.

Smith, B. D., W. S. Boyd, and M. R. Evans. 2005. A clutch and brood survival model that discriminates random and correlated mortality. Ecological Applications **15**:281-293.

Smith, C., F. Cooke, and R. I. Goudie. 1999. Ageing Harlequin Duck Histrionicus histrionicus drakes using plumage characteristics. Wildfowl **49**:245-248.

Smith, C. M., F. Cooke, G. J. Robertson, R. I. Goudie, and W. S. Boyd. 2000. Long-term pair bonds in Harlequin Ducks. Condor **102**:201-205.

Smith, C. M., R. I. Goudie, and F. Cooke. 2001. Winter age ratios and the assessment of recruitment of Harlequin Ducks. Waterbirds **24**:39-44.

Smith, C. M., P. G. Trimper, L. J. Bate, S. Brodeur, W. K. Hansen, and M. Robert. 2015. A Mist-Net Method for Capturing Harlequin Ducks on Rivers. Wildlife Society Bulletin **39**:373-377.

Smith, L. M., L. D. Vangilder, R. T. Hoppe, S. J. Morreale, and I. L. J. Brisbin. 1986. Effect of Diving Ducks on Benthic Food Resources During Winter in South Carolina USA. Wildfowl **37**:136-141.

Smith, W. A., J. A. K. Mazet, and D. C. Hirsh. 2002. Salmonella in California wildlife species: Prevalence in rehabilitation centers and characterization of isolates. Journal of Zoo and Wildlife Medicine **33**:228-235.

Smith, W. E. 2006. Moulting common eiders devoured by killer whales. British Birds **99**:264.

Snell, R. R. 1985. Underwater Flight of Long-Tailed Duck Oldsquaw Clangula-Hyemalis. Ibis **127**:267.

Snellen, C. L., P. J. Hodum, and E. Fernandez-Juricic. 2007. Assessing western gull predation on purple sea urchins in the rocky intertidal using optimal foraging theory. Canadian Journal of Zoology-Revue Canadienne De Zoologie **85**:221-231.

Snow, W. D., H. L. Mendall, and W. B. Krohn. 1990. Capturing Common Eiders by Night-Lighting in Coastal Maine USA. Journal of Field Ornithology **61**:67-72.

Solovyeva, D. V. and J. M. Pearce. 2011. Comparative mitochondrial genetics of North American and Eurasian mergansers with an emphasis on the endangered scaly-sided merganser (Mergus squamatus). Conservation Genetics **12**:839-844.

Sonntag, N., O. Engelhard, and S. Garthe. 2004. Summer occurrence and moult of Black Scoters Melanitta nigra and Velvet Scoters M-fusca on the Oderbank (southers Baltic Sea). Vogelwelt **125**:77-82.

Sonntag, N., B. Mendel, and S. Garthe. 2006. Distribution of seabirds and waterbirds in the German Baltic Sea throughout the year. Vogelwarte **44**:81-112.

Sonsthagen, S. A., S. L. Talbot, R. B. Lanctot, and K. G. McCracken. 2010. Do common eiders nest in kin groups? Microgeographic genetic structure in a philopatric sea duck. Molecular Ecology **19**:647-657.

Sonsthagen, S. A., S. L. Talbot, R. B. Lanctot, K. T. Scribner, and K. G. McCracken. 2009. Hierarchical Spatial Genetic Structure of Common Eiders (Somateria Mollissima) Breeding Along a Migratory Corridor. Auk **126**:744-754.

Sonsthagen, S. A., S. L. Talbot, and K. G. McCracken. 2007. Genetic characterization of Common Eiders breeding in the Yukon-Kuskokwim Delta, Alaska. Condor **109**:878-893.

Sonsthagen, S. A., S. L. Talbot, K. T. Scribner, and K. G. McCracken. 2011. Multilocus phylogeography and population structure of common eiders breeding in North America and Scandinavia. Journal of Biogeography **38**:1368-1380.

Sonsthagen, S. A., S. L. Talbot, R. E. Wilson, M. R. Petersen, J. C. Williams, G. V. Byrd, and K. G. McCracken. 2013. GENETIC STRUCTURE OF THE COMMON EIDER IN THE WESTERN ALEUTIAN ISLANDS PRIOR TO FOX ERADICATION. Condor **115**:28-39.

Soulliere, C. E. and P. W. Thomas. 2009. Harlequin Duck Threat Assessment, Eastern Population. Canadian Wildlife Service.

Soulliere, G. J. 1987. Distinguishing Hooded Merganser and Wood Duck Nests by Eggshell Thickness. Journal of Wildlife Management **51**:534.

Soulliere, G. J. and T. P. Rusch. 1996. Nesting characteristics of hooded mergansers, wood ducks, European starlings and tree swallows in Wisconsin. Journal of Field Ornithology **67**:100-104.

Speake, B. K., P. F. Surai, and G. R. Bortolotti. 2002. Fatty acid profiles of yolk lipids of five species of wild ducks (Anatidae) differing in dietary preference. Journal of Zoology (London) **257**:533-538.

Spencer, K. G. 1969. Overland Migrations of Common Scoters. British Birds **62**:332-333.

Sperduto, M. B., S. P. Powers, and M. Donlan. 2003. Scaling restoration to achieve quantitative enhancement of loon, seaduck, and other seabird populations. Marine Ecology Progress Series **264**:221-232.

Spurr, E. and H. Milne. 1976. Adaptive Significance of Autumn Pair Formation in the Common Eider Somateria-Mollissima. Ornis Scandinavica **7**:85-89.

Spurr, E. B. and H. Milne. 1976. Factors Affecting Laying Date in the Common Eider. Wildfowl **27**:107-110.

Squires, K. A., K. Martin, and R. I. Goudie. 2007. Vigilance behavior in the Harlequin Duck (Histrionicus histrionicus) during the preincubation period in labrador: Are males vigilant for self or social partner? Auk **124**:241-252.

Sruoga, A., S. Slavenaite, D. Butkauskas, and G. Grazulevicius. 2008. CROSS-SPECIES APPLICABILITY OF MICROSATELLITE MARKERS FOR INVESTIGATION OF SEA DUCKS (Mergini) GENETIC DIFFERENTIATION. Proceedings of the Latvian Academy of Sciences Section B Natural Exact and Applied Sciences **62**:215-218.

Steele, B. B., A. Lehikoinen, M. Ost, and M. Kilpi. 2007. The cost of mate guarding in the Common Eider. Ornis Fennica **84**:49-56.

Steen, J. B. and G. W. Gabrielsen. 1986. Thermogenesis in Newly Hatched Eider Somateria-Mollissima and Long-Tailed Duck Clangula-Hyemalis Ducklings and Barnacle Goose Branta-Leucopsis Goslings. Polar Research **4**:181-186.

Steenweg, R. J., H. L. Hennin, J. Bety, H. G. Gilchrist, T. D. Williams, G. T. Crossin, and O. P. Love. 2015. Sources of diel variation in energetic physiology in an Arctic-breeding, diving seaduck. General and Comparative Endocrinology **216**:39-45.

Stehn, R. A., C. P. Dau, B. Conant, and W. I. Butler, Jr. 1993. Decline of spectacled eiders nesting in western Alaska. Arctic **46**:264-277.

Stern, M. A., T. G. Wise, and K. L. Theodore. 1987. Use of Natural Cavity by Bufflehead Nesting in Oregon USA. Murrelet **68**:50.

Stewart, P. A. 1967. Diving schedules of a common loon Gavia immer and a group of oldsquaws Clangula hyemalis. Auk **84**:122-123.

Stien, J. and R. A. Ims. 2016. Absence from the nest due to human disturbance induces higher nest predation risk than natural recesses in Common Eiders Somateria mollissima. Ibis **158**:249-260.

Stien, J., N. G. Yoccoz, and R. A. Ims. 2010. Nest predation in declining populations of common eiders Somateria mollissima: an experimental evaluation of the role of hooded crows Corvus cornix. Wildlife Biology **16**:123-134.

Stillman, R. A. and J. D. Goss-Custard. 2010. Individual-based ecology of coastal birds. Biological Reviews (Cambridge) **85**:413-434.

Stott, R. S. and D. P. Olson. 1972. Differential Vulnerability Patterns among 3 Species of Sea Ducks. Journal of Wildlife Management **36**:775-783.

Stott, R. S. and D. P. Olson. 1972. An Evaluation of Waterfowl Surveys on the New-Hampshire Coastline. Journal of Wildlife Management **36**:468-477.

Stott, R. S. and D. P. Olson. 1973. Food Habitat Relationship of Sea Ducks on the New-Hampshire Coastline. Ecology (Washington D C) **54**:996-1007.

Stout, J. H., K. A. Trust, J. F. Cochrane, R. S. Suydam, and L. T. Quakenbush. 2002. Environmental contaminants in four eider species from Alaska and arctic Russia. Environmental Pollution **119**:215-226.

Strand, J. and J. A. Jacobsen. 2005. Accumulation and trophic transfer of organotins in a marine food web from the Danish coastal waters. Science of the Total Environment **350**:72-85.

Strehlow, J. 1997. Ammersee area 1966-1996: Part 1: Tendencies in selected breeding birds. Ornithologischer Anzeiger **36**:125-142.

Strehlow, J. 1998. Ammersee area 1966-1996: Trends in selected visiting birds. Ornithologischer Anzeiger **37**:19-45.

Strunk, P. 1975. The Black-Headed Gull Larus-Ridibundus as a Food Parasite. Beitraege zur Vogelkunde **21**:344.

Stutz, S. S. 1965. Escape behavior of common merganser duck broods Michigan, USA. Murrelet **46**:47.

Stutz, S. S. 1965. Size of common merganser broods. Murrelet **46**:47-48.

Suchanek, T. H., C. A. Eagles-Smith, D. G. Slotton, E. J. Harner, A. E. Colwell, N. L. Anderson, L. H. Mullen, J. R. Flanders, D. P. Adam, and K. J. McElroy. 2008. Spatiotemporal Trends in Fish Mercury from a Mine-Dominated Ecosystem: Clear Lake, California. Ecological Applications **18**:A177-A195.

Suess, J., J. Schaefer, H. Sinnecker, and R. G. W. Webster. 1994. Influenza virus subtypes in aquatic birds of eastern Germany. Archives of Virology **135**:101-114.

Sugden, L. G. 1960. An observation of interspecific strife between Barrow's goldeneye and lesser scaup. Canadian Field Nat **74**:163.

Suhonen, S., P. Nummi, and H. Poysa. 2011. Long term stability of boreal lake habitats and use by breeding ducks. Boreal Environment Research **16**:71-80.

Sukhotin, A. A., Y. V. Krasnov, and K. V. Galaktionov. 2008. Subtidal populations of the blue mussel Mytilus edulis as key determinants of waterfowl flocks in the southeastern Barents Sea. Polar Biology **31**:1357-1363.

Summers, R. W., L. G. Underhill, E. E. Syroechkovski, Jr., H. G. Lappo, R. P. Prys-Jones, and V. Karpov. 1994. The breeding biology of Dark-bellied Brent Geese Branta b. bernicla and King Eiders Somateria spectabilis on the northeastern Taimyr Peninsula, especially in relation to Snowy Owl Nyctea scandiaca nests. Wildfowl **45**:110-118.

Suraci, J. P. and L. M. Dill. 2013. Short timescale rate maximization by gulls and implications for predation on size-structured prey. Behavioral Ecology **24**:280-292.

Suydam, R. S. 2000. King Eider: Somateria spectabilis. Birds of North America:1-27.

Suydam, R. S., D. L. Dickson, J. B. Fadely, and L. T. Quakenbush. 2000. Population declines of King and Common Eiders of the Beaufort Sea. Condor **102**:219-222.

Suydam, R. S., L. T. Quakenbush, D. L. Dickson, and T. Obritschkewitsch. 2000. Migration of King, Somateria spectabilis, and Common, S. mollissima v-nigra, eiders past Point Barrow, Alaska, during spring and summer/fall 1996. Canadian Field-Naturalist **114**:444-452.

Suzuki, H. 2010. Natural elements and anthropogenic disturbance affecting the distribution of water birds on a river in winter. Japanese Journal of Ornithology **59**:174-180.

Svazas, S. 1996. Internationally important sites for wintering and migratory wildfowl (Anatidae) in Lithuanian marine and brackish waters. Gibier Faune Sauvage **13**:285-301.

Svazas, S., A. Sruoga, A. Paulauskas, and D. Butkauskas. 2005. Population structure among breeding and wintering long-tailed ducks Clangula hyemalis in the Western Palearctic. Ornis Svecica **15**:206-211.

Svenning, M. A., S. E. Fagermo, R. T. Barrett, R. Borgstrom, W. Vader, T. Pedersen, and S. Sandring. 2005. Goosander predation and its potential impact on Atlantic salmon smolts in the River Tana estuary, northern Norway. Journal of Fish Biology **66**:924-937.

Svenning, M.-A., S. E. Fagermo, R. Barrett, R. Borgstrom, W. Vader, T. Pedersen, and S. Sandring. 2003. Merganser predation and its impact on Atlantic salmon smolts in the river Tana estuary, north Norway. American Fisheries Society Annual Meeting **133**:27.

Swanberg, P. O. 1948. A note on the most common call of the black scoter, M. nigra. Dansk Ornithol Foren Tidsskr **42**:48-49.

Swennen, C. 1990. Common Eiders Somateria-Mollissima with Aberrant Plumages. Limosa **63**:112-114.

Swennen, C., P. Duiven, and L. A. F. Reyrink. 1979. Notes on the Sex Ratio in the Common Eider Somateria-Molissima. Ardea **67**:54-61.

Swennen, C., P. Duiven, and G. J. M. Wintermans. 1989. Abnormal Plumage in Possibly Senile Female Eiders Somateria-Mollissima. Wildfowl:127-130.

Swennen, C., J. C. H. Ursem, and P. Duiven. 1993. Determinate laying and egg attendance on common eiders. Ornis Scandinavica **24**:48-52.

Swennen, C. and J. Van Der Meer. 1992. Variation in egg size of common eiders. Ardea **80**:363-373.

Swennen, C. and J. Van Der Meer. 1995. Composition of eggs of common eiders. Canadian Journal of Zoology **73**:584-588.

Swift, B. L., R. E. Foley, and G. R. Batcheller. 1993. Organochlorines in common goldeneyes wintering in New York. Wildlife Society Bulletin **21**:52-56.

Systad, G. H. and J. O. Bustnes. 2001. Coping with darkness and low temperatures: Foraging strategies in Steller's eiders, Polysticta stelleri, wintering at high latitudes. Canadian Journal of Zoology **79**:402-406.

Systad, G. H., J. O. Bustnes, and K. E. Erikstad. 2000. Behavioral responses to decreasing day length in wintering sea ducks. Auk **117**:33-40.

Szaro, R. C., N. C. Coon, and E. Kolbe. 1979. Pesticide and Poly Chlorinated Bi Phenyl of Common Eider Herring Gull and Great Black-Backed Gull Eggs. Bulletin of Environmental Contamination and Toxicology **22**:394-399.

Szczepski, J. B. 1976. Account of Oil Pollution Damaging the Sea Birds in Gdansk Bay. Przeglad Zoologiczny **20**:75-81.

Szefer, P. and J. Falandysz. 1983. Investigations of Trace Metals in Long-Tailed Duck Clangula-Hyemalis from the Gdansk Bay Poland. Science of the Total Environment **29**:269-276.

Szefer, P. and J. Falandysz. 1983. Uranium and Thorium Content in Long-Tailed Ducks Clangula-Hyemalis. Science of the Total Environment **29**:277-280.

Talbot, S. L., S. A. Sonsthagen, J. M. Pearce, and K. T. Scribner. 2015. Phylogenetics, Phylogeography, and Population Genetics of North American Sea Ducks (Tribe: Mergini). CRC Press, Boca Raton, FL.

Taylor, B. L., P. R. Wade, R. A. Stehn, and J. F. Cochrane. 1996. A Bayesian approach to classification criteria for spectacled eiders. Ecological Applications **6**:1077-1089.

Thaxter, C. B., B. Lascelles, K. Sugar, A. Cook, S. Roos, M. Bolton, R. H. W. Langston, and N. H. K. Burton. 2012. Seabird foraging ranges as a preliminary tool for identifying candidate Marine Protected Areas. Biological Conservation **156**:53-61.

Therrien, S., C. Carr, and A. Wells-Berlin. 2012. Auditory Brainstem Response in Sea Ducks and Diving Ducks. Integrative and Comparative Biology **52**:E174-E174.

Thibault, D., S. Chalifoux, and M. Laperle. 1998. Using satellite imagery as a planning tool for Harlequin duck inventory. International Journal of Remote Sensing **19**:5-9.

Thieltges, D. W., B. Hussel, and H. Baekgaard. 2006. Endoparasites in common eiders Somateria mollissima from birds killed by an oil spill in the northern Wadden Sea. Journal of Sea Research **55**:301-308.

Thingstad, P. G., S. Hokstad, and O. Frengen. 2000. Some new notes considering the Common Eider's Somateria mollissima foraging biology. Fauna (Oslo) **53**:66-71.

Thomas, P. W. 2008. Harlequin Ducks in Newfoundland. Waterbirds **31**:44-49.

Thomas, P. W., G. H. Mittelhauser, T. E. Chubbs, P. G. Trimper, R. I. Goudie, G. J. Robertson, S. Brodeur, M. Robert, S. G. Gilliland, and J.-P. L. Savard. 2008. Movements of Harlequin Ducks in Eastern North America. Waterbirds **31**:188-193.

Thomas, P. W. and G. J. Robertson. 2008. Apparent Survival of Male Harlequin Ducks Molting at the Gannet Islands, Labrador. Waterbirds **31**:147-151.

Thompson, J. E. and C. D. Ankney. 2002. Role of food in territoriality and egg production of Buffleheads (Bucephala albeola) and Barrow's Goldeneyes (Bucephala islandica). Auk **119**:1075-1090.

Thompson, M. C. 1961. The flight speed of a Red-breasted Merganser. Condor **63**:265.

Thrush, S. E. 1999. Complex role of predators in structuring soft-sediment macrobenthic communities: Implications of changes in spatial scale for experimental studies. Australian Journal of Ecology **24**:344-354.

Tiedemann, R., K. B. Paulus, K. Havenstein, S. Thorstensen, A. Petersen, P. Lyngs, and M. C. Milinkovitch. 2011. Alien eggs in duck nests: brood parasitism or a help from Grandma? Molecular Ecology **20**:3237-3250.

Tiedemann, R., K. B. Paulus, M. Scheer, K. G. von Kistowski, K. Skirnisson, D. Bloch, and M. Dam. 2004. Mitochondrial DNA and microsatellite variation in the eider duck (Somateria mollissima) indicate stepwise postglacial colonization of Europe and limited current long-distance dispersal. Molecular Ecology **13**:1481-1494.

Tiedemann, R., K. G. Von Kistowski, and H. Noer. 1999. On sex-specific dispersal and mating tactics in the common eider somateria mollissima as inferred from the genetic structure of breeding colonies. Behaviour **136**:1145-1155.

Timken, R. L. and B. W. Anderson. 1969. Food Habits of Common Mergansers in the Northcentral USA Mergus-Merganser Fish. Journal of Wildlife Management **33**:87-91.

Timmermans, S. T. A., C. D. Ankney, K. E. Erikstad, T. Tveraa, and J. O. Bustnes. 1999. Does laying order influence growth rates of Common Eider ducklings? A skeptical view and reply. Journal of Avian Biology **30**:323-325.

Timoney, K. P. and R. A. Ronconi. 2010. Annual Bird Mortality in the Bitumen Tailings Ponds in Northeastern Alberta, Canada. Wilson Journal of Ornithology **122**:569-576.

Titman, R. D., M. C. Lagrenade, and M. R. Miller. 1990. An Evaluation of Techniques to Measure Contour Feather Molt in Ducks. Journal of Wildlife Management **54**:219-222.

Titman, R. D. and J. K. Lowther. 1971. Parasitism of Mallard Anas-Platyrhynchos Nests by Common Goldeneyes Bucephala-Clangula. Canadian Field-Naturalist **85**:323-324.

Titman, R. T. 1999. Red-breasted merganser: Mergus serrator. Birds of North America:1-23.

Tiunov, I. M. and O. A. Burkovsky. 2016. The winter abundance and distribution of birds in western peter the Great Bay in the Sea of Japan. Russian Journal of Marine Biology **42**:222-231.

Tjornlov, R. S., J. Humaidan, and M. Frederiksen. 2013. Impacts of avian cholera on survival of Common Eiders Somateria mollissima in a Danish colony. Bird Study **60**:321-326.

Tomankova, I., H. Boland, N. Reid, and A. D. Fox. 2013. Assessing the extent to which temporal changes in waterbird community composition are driven by either local, regional or global factors. Aquatic Conservation-Marine and Freshwater Ecosystems **23**:343-355.

Torres, R., F. Cooke, G. J. Robertson, and W. S. Boyd. 2002. Pairing decisions in the Harlequin Duck: Costs and benefits. Waterbirds **25**:340-347.

Torring, D., P. Andersen, P. Dolmer, J. Carl, C. Soegren, and M. Pedersen. 2015. PREDATION FROM BOTH STARFISH (ASTERIAS RUBENS) AND EIDERS (SOMATERIA MOLLISSIMA) ON SUSPENDED MUSSELS (MYTILUS EDULIS) IN AN INTEGRATED MARICULTURE PRODUCTION IN INNER DANISH WATERS. Journal of Shellfish Research **34**:685-685.

Traylor, J. J. and R. T. Alisauskas. 2006. Effects of intrinsic and extrinsic factors on survival of white-winged scoter (Melanitta fusca deglandi) ducklings. Auk **123**:67-81.

Traylor, J. J., R. T. Alisauskas, and F. P. Kehoe. 2004. Multistate modeling of brood amalgamation in White-winged Scoters Melanitta fusca deglandi. Animal Biodiversity and Conservation **27**:369-370.

Traylor, J. J., R. T. Alisauskas, and F. P. Kehoe. 2004. Nesting ecology of White-winged Scoters (Melanitta fusca deglandi) at Redberry Lake, Saskatchewan. Auk **121**:950-962.

Traylor, J. J., R. T. Alisauskas, and F. P. Kehoe. 2008. Ecological correlates of duckling adoption among white-winged scoters Melanitta fusca: strategy, epiphenomenon, or combination? Behavioral Ecology and Sociobiology **62**:1085-1097.

Trimper, P. G., P. W. Thomas, and T. E. Chubbs. 2008. Harlequin Ducks in Labrador. Waterbirds **31**:32-43.

Trost, R. E. 1980. Ingested Shot in Waterfowl Harvested on the Upper Mississippi USA National Wildlife Refuge. Wildlife Society Bulletin **8**:71-74.

Trust, K. A., D. Esler, B. R. Woodin, and J. J. Stegeman. 2000. Cytochrome P450 1A induction in sea ducks inhabiting nearshore areas of Prince William Sound, Alaska. Marine Pollution Bulletin **40**:397-403.

Trust, K. A., K. T. Rummel, A. M. Scheuhammer, I. L. Brisbin, Jr., and M. J. Hooper. 2000. Contaminant exposure and biomarker responses in spectacled eiders (Somateria fischeri) from St. Lawrence Island, Alaska. Archives of Environmental Contamination and Toxicology **38**:107-113.

Tseren-Ochir, E. O., B. Damdinjav, T. Sharkhuu, H. M. Kang, Y. Sakoda, B. Purevsuren, S. Ruuragchaa, Y. J. Lee, H. Kida, B. Khishgee, and S. Sengee. 2010. Epidemiology of avian influenza viruses in wild birds in Mongolia. International Journal of Infectious Diseases **14**:E164-E165.

Tucker, B. W. 1940. Packing of broods and "injury-feigning" of velvet-scoters. British Birds **33**:255.

Tuite, C. H., P. R. Hanson, and M. Owen. 1984. Some Ecological Factors Affecting Winter Wildfowl Distribution on Inland Waters in England and Wales Uk and the Influence of Water Based Recreation. Journal of Applied Ecology **21**:41-62.

Tulp, I., J. Craeymeersch, M. Leopold, C. van Damme, F. Fey, and H. Verdaat. 2010. The role of the invasive bivalve Ensis directus as food source for fish and birds in the Dutch coastal zone. Estuarine Coastal and Shelf Science **90**:116-128.

Tuohy, J. M., K. P. McHugh, and S. R. De Kloet. 1992. Systematic relationships among some anatini as derived from restriction-endonuclease analysis of a repeated DNA component. Auk **109**:465-473.

Uher-Koch, B. D., D. Esler, R. D. Dickson, J. W. Hupp, J. R. Evenson, E. M. Anderson, J. Barrett, and J. A. Schmutz. 2014. Survival of Surf Scoters and White-Winged Scoters during Remigial Molt. Journal of Wildlife Management **78**:1189-1196.

Uher-Koch, B. D., D. Esler, S. A. Iverson, D. H. Ward, W. S. Boyd, M. Kirk, T. L. Lewis, C. S. VanStratt, K. M. Brodhead, J. W. Hupp, and J. A. Schmutz. 2016. Interacting effects of latitude, mass, age, and sex on winter survival of Surf Scoters (Melanitta perspicillata): implications for differential migration. Canadian Journal of Zoology **94**:233-241.

Uhlig, R. 1993. On the wintering population of the goosander and the smew (Mergus merganser and Mergus albellus) in the Oder estuary. Beitraege zur Vogelkunde **39**:318-319.

Underhill, M. C., T. Gittings, D. A. Callaghan, B. Hughes, J. S. Kirby, and S. Delany. 1998. Status and distribution of breeding common scoters Melanitta nigra nigra in Britain and Ireland in 1995. Bird Study **45**:146-156.

Utschick, H. 1996. Population dynamics of waterfowl communities influenced by a new river impoundment (Perach, Lower Inn, southern Bavaria). Ornithologischer Anzeiger **35**:25-47.

Vaananen, V. M., P. Nummi, H. Poysa, M. Rask, and K. Nyberg. 2012. Fish-duck interactions in boreal lakes in Finland as reflected by abundance correlations. Hydrobiologia **697**:85-93.

Vaananen, V. M., H. Poysa, and P. Runko. 2016. Nest and brood stage association between ducks and small colonial gulls in boreal wetlands. Ornis Fennica **93**:47-54.

Van De Wetering, D. and F. Cooke. 2000. Body weight and feather growth of male Barrow's Goldeneye during wing molt. Condor **102**:228-231.

Van Der Kloot, W. and M. J. Morse. 1975. A Stochastic Analysis of the Display Behavior of the Red-Breasted Merganser Mergus-Serrator. Behaviour **54**:181-216.

van Roomen, M., C. van Turnhout, E. van Winden, B. Koks, P. Goedhart, M. Leopold, and C. Smit. 2005. Trends in benthivorous waterbirds in the Dutch Wadden Sea 1975-2002: largedifferences between shellfish-eaters and worm-eaters. Limosa **78**:21-38.

Vande Vusse, F. J. 1979. Host Parasite Relations of Dendritobilharzia-Pulverulenta Trematoda Schistosomatidae and Anatids. Journal of Parasitology **65**:894-897.

Vandendriessche, S., E. W. M. Stienen, M. Vincx, and S. Degraer. 2007. Seabirds foraging at floating seaweeds in the Northeast Atlantic. Ardea **95**:289-298.

Varennes, E. and M. Guillemette. 2015. WHY SEADUCKS FORAGE IN MUSSEL FARMS? PREFERENCES AND EFFICIENCIES WHEN FORAGING ON CULTIVATED OR INTERTIDAL MUSSELS. Journal of Shellfish Research **34**:722-722.

Varennes, E., S. A. Hanssen, J. Bonardelli, and M. Guillemette. 2013. Sea duck predation in mussel farms: the best nets for excluding common eiders safely and efficiently. Aquaculture Environment Interactions **3**:31-39.

Varennes, E., S. A. Hanssen, J. Bonardelli, and M. Guillemette. 2015. SEA DUCK PREDATION IN MUSSEL FARMS: THE BEST NETS FOR EXCLUDING COMMON EIDERS SAFELY AND EFFICIENTLY. Journal of Shellfish Research **34**:722-723.

Varennes, E., S. A. Hanssen, J. C. Bonardelli, and M. Guillemette. 2015. Blue mussel (Mytilus edulis) quality of preferred prey improves digestion in a molluscivore bird (Common Eider, Somateria mollissima). Canadian Journal of Zoology **93**:783-789.

Varennes, E., S. A. Hanssen, J. C. Bonardelli, and M. Guillemette. 2015. Functional response curves of avian molluscivores: high intake rates maintained even at low prey density. Marine Ecology Progress Series **526**:207-212.

Varennes, E., S. A. Hanssen, J. C. Bonardelli, and M. Guillemette. 2015. A large molluscivore bird (Common Eider, Somateria mollissima) is able to discriminate quality of blue mussels (Mytilus edulis) based on size and provenance. Canadian Journal of Zoology **93**:655-663.

Varpe, O. 2010. Stealing bivalves from common eiders: kleptoparasitism by glaucous gulls in spring. Polar Biology **33**:359-365.

Vauk, G. 1980. Deaths of Sea Birds Following the Creeping Oil Pollution on Helgoland West Germany in Spring 1979. Vogelwarte **30**:271-276.

Vermeer, K. and G. G. Anweiler. 1975. Oil Threat to Aquatic Birds Along the Yukon Coast Canada. Wilson Bulletin **87**:467-480.

Vermeer, K. and C. D. Levings. 1977. Populations, biomass and food habits of ducks on the Fraser Delta intertidal area, British Columbia. Wildfowl **28**:49-60.

Vermeer, K. and D. B. Peakall. 1979. Trace Metals in Sea Ducks of the Fraser River Delta Inter Tidal Area British-Columbia Canada. Marine Pollution Bulletin **10**:189-193.

Vest, J. L. and M. R. Conover. 2011. Food Habits of Wintering Waterfowl on the Great Salt Lake, Utah. Waterbirds **34**:40-50.

Vest, J. L., M. R. Conover, C. Perschon, J. Luft, and J. O. Hall. 2009. Trace Element Concentrations in Wintering Waterfowl from the Great Salt Lake, Utah. Archives of Environmental Contamination and Toxicology **56**:302-316.

Viain, A. and M. Guillemette. 2016. Does Water Temperature Affect the Timing and Duration of Remigial Moult in Sea Ducks? An Experimental Approach. PLoS One **11**.

Viain, A., M. Guillemette, and J. P. L. Savard. 2015. Body and organ mass dynamics during remigial moult in a wing-foot-propelled diving sea duck: the Common Eider (Atlantic) (Somateria mollissima dresseri). Canadian Journal of Zoology **93**:755-764.

Viain, A., J. P. L. Savard, S. Gilliland, M. C. Perry, and M. Guillemette. 2014. Do Seaducks Minimise the Flightless Period?: Inter- and Intra-Specific Comparisons of Remigial Moult. PLoS One **9**.

Vickery, P. D. 1988. Distribution and Population Status of Harlequin Ducks Histrionicus-Histrionicus Wintering in Eastern North America. Wilson Bulletin **100**:119-126.

Vilaca, S. T., R. A. F. Redondo, L. V. Lins, and F. R. Santos. 2012. Remaining genetic diversity in Brazilian Merganser (Mergus octosetaceus). Conservation Genetics **13**:293-298.

Voskamp, P. and J. Driessen. 2003. Common Goldeneye Bucephala clangula as a breeding bird in the Netherlands: Population development and habitat use. Limosa **76**:59-68.

Waehrens, G. T. 1978. The Occurrence of Sea Ducks in Danish Fresh Waters 1965-1976. Dansk Ornitologisk Forenings Tidsskrift **72**:109-118.

Wahlberg, P., E. Karppanen, K. Henriksson, and D. Nyman. 1971. Human Exposure to Mercury from Goosander Eggs Containing Methyl Mercury. Acta Medica Scandinavica **189**:235-239.

Wakeley, J. S. and H. L. Mendall. 1976. Migrational Homing and Survival of Adult Female Eiders in Maine USA. Journal of Wildlife Management **40**:15-21.

Waldeck, P. and M. Andersson. 2006. Brood parasitism and nest takeover in common eiders. Ethology **112**:616-624.

Waldeck, P., M. Andersson, M. Kilpi, and M. Ost. 2008. Spatial relatedness and brood parasitism in a female-philopatric bird population. Behavioral Ecology **19**:67-73.

Waldeck, P. and M. Anderssson. 2006. Host-parasite relatedness in a brood-parasitic colonial bird. Journal of Ornithology **147**:269.

Waldeck, P., J. I. Hagen, S. A. Hanssen, and M. Andersson. 2011. Brood parasitism, female condition and clutch reduction in the common eider Somateria mollisima. Journal of Avian Biology **42**:231-238.

Waldeck, P., S. A. Hanssen, and M. Andersson. 2011. Indeterminate laying and flexible clutch size in a capital breeder, the common eider. Oecologia (Berlin) **165**:707-712.

Waldeck, P., M. Kilpi, M. Ost, and M. Andersson. 2004. Brood parasitism in a population of common eider (Somateria mollissima). Behaviour **141**:725-739.

Waldeck, P. and K. Larsson. 2013. Effects of winter water temperature on mass loss in Baltic blue mussels: Implications for foraging sea ducks. Journal of Experimental Marine Biology and Ecology **444**:24-30.

Walden, H. W. 1961. Eucotyle clangulae n. sp., a new digenetic trematode, from the kidney of Clangula hyemalis (L.). Arkiv Zool **12**:571-575.

Waltho, C. M. 2009. Herring Gulls Larus argentatus in Common Eider Somateria mollissima feeding flocks - a discerning kleptoparasite. Wildfowl **59**:41-52.

Wang, D., K. Huelck, S. Atkinson, and Q. X. Li. 2005. Polychlorinated biphenyls in eggs of spectacled eiders (Somateria fischeri) from the Yukon-Kuskokwim Delta, Alaska. Bulletin of Environmental Contamination and Toxicology **75**:760-767.

Wang, S. W., T. E. Hollmen, and S. J. Iverson. 2010. Validating quantitative fatty acid signature analysis to estimate diets of spectacled and Steller's eiders (Somateria fischeri and Polysticta stelleri). Journal of Comparative Physiology B Biochemical Systemic and Environmental Physiology **180**:125-139.

Wang, S. W., T. E. Hollmen, and S. J. Iverson. 2014. Egg yolk fatty acids as a proxy to quantify diets of female Spectacled Eiders (Somateria fischeri). Canadian Journal of Zoology **92**:453-461.

Ward, E. J., K. N. Marshall, T. Ross, A. Sedgley, T. Hass, S. F. Pearson, G. Joyce, N. J. Hamel, P. J. Hodum, and R. Faucett. 2015. Using citizen-science data to identify local hotspots of seabird occurrence. Peerj **3**.

Watson, A., M. Marquiss, and P. J. Cosgrove. 1998. North east Scottish counts of Goldeneye, Goosander, Redbreasted Merganser and Cormorant in 1944-50 compared with 1988-97. Scottish Birds **19**:249-258.

Watson, J. J. and A. W. Pike. 1993. Variation in the morphology of adult Apatemon gracilis Rudolphi, 1819 (Digenea: Strigeidae) reared in different avian hosts. Systematic Parasitology **26**:33-38.

Watson, M. D., G. J. Robertson, and F. Cooke. 1993. Egg-laying time and laying interval in the common eider. Condor **95**:869-878.

Wayland, M., R. T. Alisauskas, D. Kellett, J. Traylor, C. Swoboda, E. Neugebauer, and K. Mehl. 2007. Year-to-year correlations in blood metal levels among individuals of two species of North American sea ducks. Environmental Pollution **150**:329-337.

Wayland, M., K. L. Drake, R. T. Alisauskas, D. K. Kellett, J. Traylor, C. Swoboda, and K. Mehl. 2008. Survival rates and blood metal concentrations in two species of free-ranging North American sea ducks. Environmental Toxicology and Chemistry **27**:698-704.

Wayland, M., A. J. Garcia-Fernandez, E. Neugebauer, and H. G. Gilchrist. 2001. Concentrations of cadmium, mercury and selenium in blood, liver and kidney of common eider ducks from the Canadian arctic. Environmental Monitoring and Assessment **71**:255-267.

Wayland, M., H. G. Gilchrist, D. L. Dickson, T. Bollinger, C. James, R. A. Carreno, and J. Keating. 2001. Trace elements in king eiders and common eiders in the Canadian arctic. Archives of Environmental Contamination and Toxicology **41**:491-500.

Wayland, M., H. G. Gilchrist, T. Marchant, J. Keating, and J. E. Smits. 2002. Immune function, stress response, and body condition in arctic-breeding common eiders in relation to cadmium, mercury, and selenium concentrations. Environmental Research **90**:47-60.

Wayland, M., H. G. Gilchrist, and E. Neugebauer. 2005. Concentrations of cadmium, mercury and selenium in common eider ducks in the eastern Canadian arctic: Influence of reproductive stage. Science of the Total Environment **351**:323-332.

Wayland, M. and D. K. McNicol. 1994. Movements and survival of common goldeneye broods near Sudbury, Ontario, Canada. Canadian Journal of Zoology **72**:1252-1259.

Wayland, M., J. E. G. Smits, H. G. Gilchrist, T. Marchant, and J. Keating. 2003. Biomarker responses in nesting, common eiders in the Canadian arctic in relation to tissue cadmium, mercury and selenium concentrations. Ecotoxicology **12**:225-237.

Weatherhead, P. J. 1979. Behavioral Implications of the Defense of a Shoveler Anas-Clypeata Brood by Common Eiders Somateria-Mollissima. Condor **81**:427.

Weatherhead, P. J. 1998. Natal philopatry and local resource competititon in the common goldeneye (and reply). Journal of Avian Biology **29**:321-322.

Weggler, M. and M. Widmer. 2001. Breeding birds in the Canton of Zurich: Status and population trends between 1986/88 and 1999/00. Vierteljahrsschrift der Naturforschenden Gesellschaft in Zuerich **146**:15-28.

Weijerman, M., H. Lindeboom, and A. F. Zuur. 2005. Regime shifts in marine ecosystems of the North Sea and Wadden Sea. Marine Ecology Progress Series **298**:21-39.

Wellman-Labadie, O., J. Picman, and M. T. Hincke. 2008. Antimicrobial activity of the Anseriform outer eggshell and cuticle. Comparative Biochemistry and Physiology Part B Biochemistry & Molecular Biology **149**:640-649.

Wells-Berlin, A. M., M. C. Perry, R. A. Kohn, K. T. Paynter, and M. A. Ottinger. 2015. Composition, Shell Strength, and Metabolizable Energy of Mulinia lateralis and Ischadium recurvum as Food for Wintering Surf Scoters (Melanitta perspicillata). PLoS One **10**.

Werner, S., M. Mortl, H. G. Bauer, and K. O. Rothhaupt. 2005. Strong impact of wintering waterbirds on zebra mussel (Dreissena polymorpha) populations at Lake Constance, Germany. Freshwater Biology **50**:1412-1426.

Weslawski, J. M., S. Kwasniewski, L. Stempniewicz, and K. Blachowiak-Samolyk. 2006. Biodiversity and energy transfer to top trophic levels in two contrasting Arctic fjords. Polish Polar Research **27**:259-278.

Weslawski, J. M., L. Stempniewicz, and K. Galaktionov. 1994. Summer diet of seabirds from the Frans Josef Land archipelago, Russian Arctic. Polar Research **13**:173-181.

Westman, O., M. Norden, M. Larsson, J. Johansson, N. Venizelos, H. Hollert, and M. Engwall. 2013. Polycyclic aromatic hydrocarbons (PAHs) reduce hepatic beta-oxidation of fatty acids in chick embryos. Environmental Science and Pollution Research **20**:1881-1888.

Whisson, D. A. and J. Y. Takekawa. 2000. Testing the effectiveness of an aquatic hazing device on waterbirds in the San Francisco Bay estuary of California. Waterbirds **23**:56-63.

White, D. H. 1975. Hooded Merganser Kills a Meadow Vole. Wilson Bulletin **87**:282.

White, D. H. and E. Cromartie. 1977. Residues of Environmental Pollutants and Shell Thinning in Merganser Eggs. Wilson Bulletin **89**:532-542.

White, H. C. 1937. Local feeding of kingfishers and mergansers. Jour Biol Bd Canada **3**:323-338.

White, H. C. 1957. Food and natural history of mergansers on salmon waters in the Maritime Provinces of Canada. Bull Fish Res Bd Canada **116**:1-63.

White, T. P., R. R. Veit, and M. C. Perry. 2009. Feeding Ecology of Long-tailed Ducks Clangula hyemalis Wintering on the Nantucket Shoals. Waterbirds **32**:293-299.

Whiting, R. M., Jr. and J. P. Cornes. 2009. Estimating Waterfowl Densities in a Flooded Forest: A Comparison of Methods. Southeastern Naturalist **8**:47-62.

Wick, W. Q. and R. G. Jeffrey. 1966. Population estimates and hunter harvest of diving ducks in Northeastern Puget Sound, Wash. Murrelet **47**:23-32.

Wiens, J. A. 2007. Applying ecological risk assessment to environmental accidents: Harlequin ducks and the Exxon Valdez oil spill. Bioscience **57**:769-777.

Wiens, J. A., R. H. Day, S. M. Murphy, and M. A. Fraker. 2010. Assessing Cause-Effect Relationships in Environmental Accidents: Harlequin Ducks and the Exxon Valdez Oil Spill. Pages 131-189 Current Ornithology, Vol 17.

Wiese, F. K., J. K. Parrish, C. W. Thompson, and C. Maranto. 2008. Ecosystem-based management of predator-prey relationships: Piscivorous birds and salmonids. Ecological Applications **18**:681-700.

Wiese, F. K. and P. C. Ryan. 2003. The extent of chronic marine oil pollution in southeastern Newfoundland waters assessed through beached bird surveys 1984-1999. Marine Pollution Bulletin **46**:1090-1101.

Wiggins, I. L. 1953. Foraging activities of the snowy owl (Nyctea scandiaca) during a period of low Lemming population. Auk **70**:366-367.

Williams, E. J. 2000. Wintering seafowl in Scapa Flow, Orkney, October 1998 to March 1999. Scottish Birds **21**:15-26.

Williams, L. L., J. P. Giesy, D. A. Verbrugge, S. Jurzysta, G. Heinz, and K. Stromborg. 1995. Polychlorinated Biphenyls and 2,3,7,8-Tetrachlorodibenzo-p-dioxin Equivalents in Eggs of Red-Breasted Mergansers Near Green Bay, Wisconsin, USA, in 1977-78 and 1990. Archives of Environmental Contamination and Toxicology **29**:52-60.

Wilson, H. M., P. L. Flint, C. L. Moran, and A. N. Powell. 2007. Survival of breeding pacific common eiders on the Yukon-Kuskokwim Delta, Alaska. Journal of Wildlife Management **71**:403-410.

Wilson, H. M., P. L. Flint, and A. N. Powell. 2007. Coupling contaminants with demography: Effects of lead and selenium in Pacific common eiders. Environmental Toxicology and Chemistry **26**:1410-1417.

Wilson, H. M., P. L. Flint, A. N. Powell, J. B. Grand, and C. L. Moran. 2012. Population Ecology of Breeding Pacific Common Eiders on the Yukon-Kuskokwim Delta, Alaska. Wildlife Monographs:1-28.

Wilson, H. M., M. R. Petersen, and D. Troy. 2004. Concentrations of metals and trace elements in blood of spectacled and king eiders in northern Alaska, USA. Environmental Toxicology and Chemistry **23**:408-414.

Wilson, J. G., K. V. Galaktionov, A. A. Sukhotin, K. Skirnisson, K. E. Nikolaev, M. I. Ivanov, J. O. Bustnes, D. H. Saville, and K. V. Regel. 2013. Factors influencing trematode parasite burdens in mussels (Mytilus spp) from the north Atlantic ocean across to the north Pacific. Estuarine Coastal and Shelf Science **132**:87-93.

Wilson, L. K., M. L. Harris, S. Trudeau, M. G. Ikonomou, and J. E. Elliott. 2010. Properties of Blood, Porphyrins, and Exposure to Legacy and Emerging Persistent Organic Pollutants in Surf Scoters (Melanitta perspicillata) Overwintering on the South Coast of British Columbia, Canada. Archives of Environmental Contamination and Toxicology **59**:322-333.

Wilson, R. E., S. A. Sonsthagen, and J. C. Franson. 2013. Sex determination of duck embryos: observations on syrinx development. Avian Biology Research **6**:243-246.

Wilson, S. F. 1993. Use of wood duck decoys in a study of brood parasitism. Journal of Field Ornithology **64**:337-340.

Wilson, W. J. 1980. Inverted Flight of White-Winged Scoters Melanitta-Deglandi During Courtship Flight. American Birds **34**:746-747.

Wilson, W. J. 2008. Use of legs and feet for control by scoters during aerial courtship. Wilson Journal of Ornithology **120**:594-599.

Winfield, I. J. and D. K. Winfield. 1994. Feeding ecology of the diving ducks pochard (Aythya fernia), tufted dick (A. fuligula), scaup (A. marila) and goldeneye (Bucephala clangula) overwintering on Lough Neagh, Northern Ireland. Freshwater Biology **32**:467-477.

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.

Wit, J. G. 1968. Conjugations with Glutathione Distribution of Enz Glutathione S Aryl Transferase in Wild Birds Pheasant Coot Great Crested Grebe Goosander Eider Tufted Duck Common Gull. European Journal of Pharmacology **5**:100-102.

Witman, J. D., S. J. Genovese, J. F. Bruno, J. W. McLaughlin, and B. I. Pavlin. 2003. Massive prey recruitment and the control of rocky subtidal communities on large spatial scales. Ecological Monographs **73**:441-462.

Wold, A., I. Jaeger, H. Hop, G. W. Gabrielsen, and S. Falk-Petersen. 2011. Arctic seabird food chains explored by fatty acid composition and stable isotopes in Kongsfjorden, Svalbard. Polar Biology **34**:1147-1155.

Wood, C. C. 1985. Aggregative Response of Common Mergansers Mergus-Merganser Predicting Flock Size and Abundance on Vancouver Island Canada Salmon Streams. Canadian Journal of Fisheries and Aquatic Sciences **42**:1259-1271.

Wood, C. C. 1985. Food-Searching Behavior of the Common Merganser Mergus-Merganser Ii. Choice of Foraging Location. Canadian Journal of Zoology **63**:1271-1279.

Wood, C. C. 1986. Dispersion of Common Merganser Mergus-Merganser Breeding Pairs in Relation to the Availability of Juvenile Pacific Salmon Oncorhynchus-Sp in Vancouver Island Streams Canada. Canadian Journal of Zoology **64**:756-765.

Wood, C. C. 1987. Predation of Juvenile Pacific Salmon by the Common Merganser Mergus-Merganser on Eastern Vancouver Island Canada I. Predation During the Seaward Migration. Canadian Journal of Fisheries and Aquatic Sciences **44**:941-949.

Wood, C. C. 1987. Predation of Juvenile Pacific Salmon by the Common Merganser Mergus-Merganser on Eastern Vancouver Island Canada Ii. Predation of Stream-Resident Juvenile Salmon by Merganser Broods. Canadian Journal of Fisheries and Aquatic Sciences **44**:950-959.

Wood, C. C. and C. M. Hand. 1985. Food-Searching Behavior of the Common Merganser Mergus-Merganser I. Functional Responses to Prey and Predator Density. Canadian Journal of Zoology **63**:1260-1270.

Wootton, J. T. 1992. INDIRECT EFFECTS, PREY SUSCEPTIBILITY, AND HABITAT SELECTION - IMPACTS OF BIRDS ON LIMPETS AND ALGAE. Ecology **73**:981-991.

Wootton, J. T. 1995. Effects of birds on sea urchins and algae: A lower-intertidal trophic cascade. Ecoscience **2**:321-328.

Wootton, J. T. 1997. Estimates and tests of per capita interaction strength: Diet, abundance, and impact of intertidally foraging birds. Ecological Monographs **67**:45-64.

Wranes, E. 1982. Seasonal Fluctuations and Movements of the Common Eider Somateria-Mollissima at the Norwegian Skagerrak Coast. Fauna Norvegica Series C Cinclus **5**:49-52.

Wright, K. G., G. J. Robertson, and R. I. Goudie. 1998. Evidence of spring staging and migration route of individual breeding harlequin ducks, Histrionicus histrionicus, in Southern British Columbia. Canadian Field-Naturalist **112**:518-519.

Wright, K. K., H. Bruner, J. L. Li, R. Jarvis, and S. Dowlan. 2000. The distribution, phenology, and prey of Harlequin Ducks, Histrionicus histrionicus, in a Cascade Mountain stream, Oregon. Canadian Field-Naturalist **114**:187-195.

Wurtsbaugh, W. A., J. Gardberg, and C. Izdepski. 2011. Biostrome communities and mercury and selenium bioaccumulation in the Great Salt Lake (Utah, USA). Science of the Total Environment **409**:4425-4434.

Yamamuro, M., N. Oka, and J. Hiratsuka. 1998. Predation by diving ducks on the biofouling mussel Musculista senhousia in a eutrophic estuarine lagoon. Marine Ecology Progress Series **174**:101-106.

Yamato, O., I. Goto, and Y. Maede. 1996. Hemolytic anemia in wild seaducks caused by marine oil pollution. Journal of Wildlife Diseases **32**:381-384.

Ydenberg, R. and M. Guillemette. 1991. Diving and Foraging in the Common Eider. Ornis Scandinavica **22**:349-352.

Yesou, P. and H. G. Lappo. 1992. Steller's eider Polysticta stelleri nesting between the Taimyr and the Yamal Peninsulas, Siberia. Alauda **60**:193-198.

Yocom, C. F. 1970. Weights of 10 Species of Ducks Captured at Ohtig Lake Alaska August 1962. Murrelet **51**:21.

Young, A. D. and R. D. Titman. 1986. Costs and Benefits to Red-Breasted Mergansers Nesting in Tern and Gull Colonies. Canadian Journal of Zoology **64**:2339-2343.

Young, A. D. and R. D. Titman. 1988. Intraspecific Nest Parasitism in Red-Breasted Mergansers. Canadian Journal of Zoology **66**:2454-2458.

Zdziarski, J. M., M. Mattix, R. M. Bush, and R. J. Montali. 1994. Zinc toxicosis in diving ducks. Journal of Zoo and Wildlife Medicine **25**:438-445.

Zicus, M. C. 1990. Nesting Biology of Hooded Mergansers Using Nest Boxes. Journal of Wildlife Management **54**:637-643.

Zicus, M. C. 1990. Renesting by a Common Goldeneye. Journal of Field Ornithology **61**:245-248.

Zicus, M. C. 1997. Female hooded mergaser body mass during nesting. Condor **99**:220-224.

Zicus, M. C. 2000. Undetected eggs: A waterfowl nest box survey problem? Canadian Field-Naturalist **114**:292-295.

Zicus, M. C., M. A. Briggs, and R. M. Pace, III. 1988. Dde Pcb and Mercury Residues in Minnesota Common Goldeneye and Hooded Merganser Eggs 1981. Canadian Journal of Zoology **66**:1871-1876.

Zicus, M. C. and S. K. Hennes. 1988. Cavity nesting waterfowl in Minnesota. Wildfowl **39**:115-123.

Zicus, M. C. and S. K. Hennes. 1989. Nest Prospecting by Common Goldeneyes. Condor **91**:807-812.

Zicus, M. C. and S. K. Hennes. 1993. Diurnal time budgets of breeding Common Goldeneyes. Wilson Bulletin **105**:680-685.

Zicus, M. C. and S. K. Hennes. 1994. Diurnal time budgets of Common Goldeneye brood hens. Wilson Bulletin **106**:549-554.

Zicus, M. C., S. K. Hennes, and M. R. Riggs. 1995. Common goldeneye nest attendance patterns. Condor **97**:461-472.

Zicus, M. C., D. P. Rave, and M. R. Riggs. 2004. Factors influencing incubation egg-mass loss for three species of waterfowl. Condor **106**:506-516.

Zicus, M. C. and M. R. Riggs. 1996. Change in body mass of female common Goldeneyes during nesting and brood rearing. Wilson Bulletin **108**:61-71.

Zintl, H. 1970. Goosander Mergus-Merganser Breeds in the Nestbox. Anzeiger der Ornithologischen Gesellschaft in Bayern **9**:237-240.

Zipkin, E. F., B. Gardner, A. T. Gilbert, A. F. O'Connell, Jr., J. A. Royle, and E. D. Silverman. 2010. Distribution patterns of wintering sea ducks in relation to the North Atlantic Oscillation and local environmental characteristics. Oecologia (Berlin) **163**:893-902.

Zipkin, E. F., J. B. Leirness, B. P. Kinlan, A. F. O'Connell, and E. D. Silverman. 2014. Fitting statistical distributions to sea duck count data: Implications for survey design and abundance estimation. Statistical Methodology **17**:67-81.

Zydelis, R. 2000. Habitat choice of Steller's Eider Polysticta stelleri wintering at Lithuanian coast of the Baltic Sea. Acta Ornithologica (Warsaw) **35**:129-131.

Zydelis, R., J. Bellebaum, H. Osterblom, M. Vetemaa, B. Schirmeister, A. Stipniece, M. Dagys, M. van Eerden, and S. Garthe. 2009. Bycatch in gillnet fisheries - An overlooked threat to waterbird populations. Biological Conservation **142**:1269-1281.

Žydelis, R., W. S. Boyd, A. Breault, and T. M. Sullivan. 2005. Abundance and distribution of waterbirds on the west coast of Vancouver Island during spring 1999 and winter 2000. Canadian Wildlife Service.

Zydelis, R. and D. Esler. 2005. Response of wintering Steller's Eiders to herring spawn. Waterbirds **28**:344-350.

Zydelis, R., D. Esler, W. S. Boyd, D. L. LaCroix, and M. Kirk. 2006. Habitat use by wintering surf and white-winged scoters: Effects of environmental attributes and shellfish aquaculture. Journal of Wildlife Management **70**:1754-1762.

Zydelis, R., D. Esler, M. Kirk, and W. S. Boyd. 2009. Effects of off-bottom shellfish aquaculture on winter habitat use by molluscivorous sea ducks. Aquatic Conservation **19**:34-42.

Zydelis, R. and A. Kontautas. 2008. Piscivorous birds as top predators and fishery competitors in the lagoon ecosystem. Hydrobiologia **611**:45-54.

Zydelis, R., S.-H. Lorentsen, A. D. Fox, A. Kuresoo, Y. Krasnov, Y. Goryaev, J. O. Bustnes, M. Hario, L. Nilsson, and A. Stipniece. 2006. Recent changes in the status of Steller's Eider Polysticta stelleri wintering in Europe: a decline or redistribution? Bird Conservation International **16**:217-236.

Zydelis, R. and D. Ruskyte. 2005. Winter foraging of Long-tailed Ducks (Clangula hyemalis) exploiting different benthic communities in the Baltic Sea. Wilson Bulletin **117**:133-141.

Zydelis, R., C. Small, and G. French. 2013. The incidental catch of seabirds in gillnet fisheries: A global review. Biological Conservation **162**:76-88.

Žydelis, R. a. S. E. R. 2015. Foraging behavior, ecology, and energetics of sea ducks. CRC Press, Boca Raton, FL.