

Last update 5 January 2009

BIBLIOGRAPHY OF LESSER SCAUP (*Aythya affinis*)

- Abbott, C. E. 1938. The skull of ducks. *Wilson Bull.* 50:249-253. *osteology, skull*
- Adair, S. E. 1990. Factors influencing wintering diving duck use of coastal ponds in south Texas. M.S. thesis, Texas A&M Univ. *habitat use, winter, Gulf Coast, Texas*
- Adair, S. E., J. L. Moore, and W. H. Kiel, Jr. 1996. Wintering diving duck use of coastal ponds: an analysis of alternative hypotheses. *J. Wildl. Manage.* 60:83-93. *winter, Gulf Coast, Texas, time budget, habitat use, estuarine*
- Adams, P. D., J. L. Buckley, and U. C. Nelson. 1952. Waterfowl breeding ground survey in Alaska. Pages 1-9 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, Alaska*
- Addy, C. E. 1964. Atlantic flyway. Pages 167-184 *in* J. P. Linduska, ed. Waterfowl tomorrow. U.S. Dep. Interior, Bur. Sport Fish. Wildl., Washington, D.C. *distribution, Atlantic flyway, winter, population*
- Addy, C. E., W. F. Crissey, H. R. Webster, and G. F. Boyer. 1952. Waterfowl breeding ground survey in eastern Canada. Pages 81-91 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, boreal forest, Maritime provinces, Quebec, Newfoundland, Labrador*
- Afton, A. D. 1983. Male and female strategies for reproduction in lesser scaup. Ph.D. Diss., Univ. North Dakota, Grand Forks. 151pp. *breeding, behavior, courtship, age, nesting, clutch, chronology, brood, creche, parental investment, Manitoba*
- Afton, A. D. 1984. Influence of age and time on reproductive performance of female lesser scaup. *Auk* 101:255-265. *productivity; breeding biology, age, nesting, clutch, Manitoba*
- Afton, A. D. 1985. Forced copulation as a reproductive strategy of male lesser scaup: a field test of some predictions. *Behaviour* 92:146-167. *behavior, mating strategies, forced copulation, breeding*
- Afton, A. D. 1993. Post-hatch brood amalgamation in lesser scaup: female behavior and return rates, and duckling survival. *Prairie Nat.* 25:227-235. *brood amalgamation, duckling survival, philopatry, predation, behavior, time-activity budget*
- Afton, A. D., and M. G. Anderson. 2001. Declining scaup populations: a retrospective analysis of long-term population and harvest survey data. *Journal of Wildlife Management* 65:781-796. *Population, harvest, age ratio, sex ratio, survey, research needs*
- Afton, A. D., and C. D. Ankney. 1991. Nutrient-reserve dynamics of breeding lesser scaup: a test of competing hypotheses. *Condor* 93:89-97. *body weight, energetics, nutrient reserves, breeding, lipids, protein*
- Afton, A. D., and R. H. Hier. 1991. Diets of lesser scaup breeding in Manitoba. *J. Field Ornithol.* 62:325-334. *food habits, invertebrate, spring, affinis, Manitoba*
- Afton, A. D., R. H. Hier, and S. L. Paulus. 1989. Nutrient reserves of lesser scaup in mid-winter in southwestern

Louisiana. Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies 43:404-411. *nutrient reserves, lipids, protein, body weight, winter, Louisiana, digestive organs,*

Afton, A. D., R. H. Heir, and S. L. Paulus. 1991. Lesser scaup diets during migration and winter in the Mississippi Flyway. Can. J. Zool. 69:328-333. *feeding ecology, migration, winter, Louisiana, Minnesota, Mississippi Flyway*

Afton, A. D., and S. L. Paulus. 1992. Incubation and brood care. Pages 62-108 *in* B. D. J. Batt, A. D. Afton, M. G. Anderson, C. D. Ankney, D. H. Johnson, J. A. Kadlec, and G. L. Krapu, eds. Ecology and management of breeding waterfowl. Univ. Minnesota Press, Minneapolis. *incubation, brood, behavior, breeding, nesting*

Abers, P. H. 2006. Birds and polycyclic aromatic hydrocarbons. Avian and Poultry Biology Reviews 17:125-140. *review, contaminants, PAH*

Alexander, G. 1937. The birds of Boulder County, Colorado. Univ. Colorado Studies 24:79-105. *distribution, historical, Colorado, winter*

Alexander, S. A., T. W. Barry, D. L. Dickson, H. D. Prus, and K. E. Smythe. 1988. Key areas for birds in coastal regions of the Canadian Beaufort Sea. Can. Wildl. Serv., Edmonton, AB. 146pp. *habitat, arctic, Northwest Territories, postbreeding*

Alexander, S. A., R. S. Ferguson, and K. J. McCormick. 1991. Key migratory bird terrestrial habitat sites in the Northwest Territories. Can. Wildl. Serv. Occas. Pap. No. 71. 182pp. *habitat, breeding, postbreeding, migration, Northwest Territories*

Alexander, W. C. 1980. The behavioral ecology and sociobiology of nonbreeding diving ducks (Aythyini). Ph.D. diss., Clemson Univ., S.C. 207pp. *feeding ecology, behavior, winter, valisineria, Aythya spp, affinis*

Alexander, W. C. 1983. Differential sex distributions of wintering diving ducks (Aythyini) in North America. Am. Birds 37:26-29. *distribution, sex ratio, winter, Aythya spp, affinis*

Alexander, W. C. 1986. A comparative study of nonbreeding waterfowl behavior. Elisha Mitchell Sci. Soc. J. 102:200. [abstract only] *Aythya spp, affinis; North Carolina*

Alexander, W. C. 1987. Aggressive behavior of wintering diving ducks (Aythyini). Wilson Bull. 99:38-49. *affinis, Aythya spp, feeding behavior; habitat; South Carolina*

Alexander, W. C., and J. D. Hair. 1977. Winter foraging behavior and aggression of diving ducks in South Carolina. Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies 31:226-232. *behavior, feeding ecology, food competition, winter, Aythya spp, affinis, South Carolina*

Alisauskas, R. T., and C. D. Ankney. 1992. The cost of egg laying and its relationship to nutrient reserves in waterfowl. Pages 30-61 *in* B. D. J. Batt, A. D. Afton, M. G. Anderson, C. D. Ankney, D. H. Johnson, J. A. Kadlec, and G. L. Krapu, eds. Ecology and management of breeding waterfowl. Univ. Minnesota Press, Minneapolis. *energetics, nutrient reserves, lipid, breeding, clutch, review*

Allen, A. W. 1986. Habitat suitability index models: lesser scaup (breeding). U.S. Fish Wildl. Serv. Biol. Rep. 82(10.117). 16pp. *habitat model, habitat use, review, breeding*

Allen, G. T., D. F. Caithamer, and M. Otto. 1999. A review of the status of greater and lesser scaup in North

America. U.S. Fish and Wildlife Service, Office of Migratory Bird Management, Washington, DC. 45pp. *breeding population, harvest, age ratio, sex ratio*

American Ornithologists' Union. 1957. Check-list of North American birds. 5th ed. Am. Ornithologists' Union, Washington, D.C. *taxonomy*

American Ornithologists' Union. 1983. Check-list of North American birds. 6th ed. Am. Ornithologists' Union, Washington, D.C. *taxonomy*

Anderson, B. W. 1966. A morphological analysis of a large sample of lesser scaup (*Aythya affinis*) and ringnecks (*Aythya collaris*). M.A. Thesis, Univ. Minnesota, St. Paul. 92pp.

Anderson, B. W., T. E. Ketola, and D. W. Warner. 1969. Spring sex and age ratios of lesser scaup and ring-necked ducks in Minnesota. *J. Wildl. Manage.* 33:209-212. *sex ratio, age ratio, spring, affinis, collaris, Minnesota*

Anderson, B. W., and R. D. Ohmart. 1988. Structure of the winter duck community on the lower Colorado River: patterns and processes. Pages 191-236 *in* M. W. Weller, ed. *Waterfowl In Winter*. Univ. Minnesota Press, Minneapolis. *affinis; marila, behavior; winter; feeding behavior; impoundments; habitat; population abundance; census methods; Arizona, California*

Anderson, B. W., and R. L. Timken. 1969. A hybrid lesser scaup x ring-necked duck. *Auk* 86:556-557. *hybridization, affinis x collaris*

Anderson, B. W., and D. W. Warner. 1969a. Evidence from salt gland analysis for convergence of migratory routes and possible geographic variation in lesser scaup. *Bird-Banding* 40:198-207. *taxonomy, affinis, salt gland, migration route*

Anderson, B. W., and D. W. Warner. 1969b. A morphological analysis of a large sample of lesser scaup and ring-necked ducks. *Bird-Banding* 40:85-94. *body size, morphology, reproductive organs, Minnesota*

Anderson, D. W. 1970. Pseudo-sleeping attitude in lesser scaup and ring-necked ducks. *Condor* 72:370-371. *behavior, affinis, collaris*

Anderson, H. G. 1939. Correlation of food supplies with food uses among Illinois game birds. Ill. Dep. Conservation. 9pp. Proj. No.: ILL. W-002-R-01 /QU2. *food habits, food availability, Illinois*

Anderson, H. G. 1940. Correlation of food supplies with food uses among Illinois game birds. Ill. Dep. Conservation. 18pp. Proj. No: W-002-R-01 /QU4. *food habits, food availability, Illinois*

Anderson, M. E. 1963. Game research project.: dug-out modification study, 1960, 1961, 1962. S.D. Dep. Game, Fish and Parks. 35pp. Proj. No.: S.D. W-075-R-05/WK.PL.16W/JOB 01. *habitat, wetland modification*

Anderson, M. G., R. D. Sayler, and A. D. Afton. 1980. A decoy trap for diving ducks. *J. Wildl. Manage.* 44:217-219. *Aythya spp, affinis; capture technique*

Anderson, M. G., J. M. Rhymer, and F. C. Rohwer. 1992. Philopatry, dispersal, and the genetic structure of waterfowl populations. Pages 365-395 *in* B. D. J. Batt, A. D. Afton, M. G. Anderson, C. D. Ankney, D. H. Johnson, J. A. Kadlec, and G. L. Krapu, eds. *Ecology and management of breeding waterfowl*. Univ. Minnesota Press, Minneapolis. *philopatry, home range, homing, dispersal, distribution, review*

- Anderson, M. G., and R. D. Titman. 1992. Spacing patterns. Pages 251-289 *in* B. D. J. Batt, A. D. Afton, M. G. Anderson, C. D. Ankney, D. H. Johnson, J. A. Kadlec, and G. L. Krapu, eds. Ecology and management of breeding waterfowl. Univ. Minnesota Press, Minneapolis. *breeding, territory, review*
- Anderson, W. L. 1975. Lead poisoning in waterfowl at Rice Lake, Illinois. *J. Wildl. Manage.* 39:264-270. *lead poisoning, mortality, Illinois, migration*
- Anderson, W. L. 1978. Waterfowl collisions with power lines at a coal-fired power plant. *Wildl. Soc. Bull.* 6:77-83. *mortality, power line*
- Anderson, W. L. 1982. Lead poisoning in Illinois waterfowl, 1979 through January 1982: ingested shot, blood chemistry and die-offs. III. *Dep. Conserv. Waterfowl Prog. Periodic Rep. No. 35.* 20pp. *lead poisoning, Illinois, migration*
- Anderson, W. L., and S. P. Havera. 1989. Lead poisoning in Illinois waterfowl (1977-1988) and the implementation of nontoxic shot regulations. III. *Nat. Hist. Surv. Biol. Notes* 133. 40pp. *lead poisoning, regulations, steel shot, Illinois*
- Anderson, W. L., S. P. Havera, and R. A. Montgomery. 1987. Incidence of ingested shot in waterfowl in the Mississippi Flyway, 1977-1979. *Wildl. Soc. Bull.* 15:181-188. *Aythya spp., disease, lead poisoning; Mississippi Flyway*
- Anderson, W. L., S. P. Havera, and B. W. Zercher. 2000. Ingestion of lead and nontoxic shotgun pellets by ducks in the Mississippi Flyway. *J. Wildl. Manage.* 64:848-857. *lead shot, steel shot, Mississippi Flyway, harvest, hunting*
- Andrews, R. and R. Righter. 1992. Colorado birds. A reference to their distribution and habitat. *Denver Mus. Nat. Hist., Denver, CO.* 442pp. *distribution, Colorado, breeding*
- Angell, T., and K. C. Balcomb, III. 1982. Marine birds and mammals of Puget Sound. Univ. Washington Press, Seattle. 145pp. *marila, affinis, Aythya spp, others; Food habits; Habitat; Feeding behavior; Distribution; Washington, Puget Sound*
- Anteau, M. J. 2002. Nutrient reserves of lesser scaup during spring migration in the Mississippi Flyway: a test of the spring condition hypothesis. M.S. thesis, Louisiana State University, Baton Rouge. 44pp.
- Anteau, M. J. 2005. Ecology of lesser scaup and amphipods in the upper Midwest: Scope and mechanisms of the spring condition Hypothesis and implications for migration habitat conservation. Dissertation, Louisiana State University, Baton Rouge. 224pp. *spring migration, feeding ecology, energetics, body condition, lipid, protein, habitat use, Minnesota, Louisiana, Illinois, North Dakota, Manitoba*
- Anteau, M. J., and A. D. Afton. 2004. Nutrient reserves of lesser scaup (*Aythya affinis*) during spring migration in the Mississippi Flyway: a test of the spring condition hypothesis. *Auk* 121(3):917-929. *body condition, spring migration, body mass, nutrient reserves, lipids, Mississippi Flyway, Minnesota, Manitoba, Louisiana, Illinois*
- Anteau, M. J., and A. D. Afton. 2006. Diet shifts of lesser scaup are consistent with the spring condition hypothesis. *Canadian Journal of Zoology* 84:779-786. *spring condition hypothesis, spring migration, diet, feeding ecology, Mississippi Flyway, Minnesota, Manitoba, Louisiana, Illinois*

- Anteau, M. J., A. D. Afton, C. M. Custer, and T. W. Custer. 2007. Relationships of cadmium, mercury, and selenium with nutrient reserves of female lesser scaup (*Aythya affinis*) during winter and spring migration. *Environmental Toxicology and Chemistry* 26:515-520. *contaminant, heavy metals, winter, spring migration, body condition, lipid reserves, Illinois, Minnesota, Louisiana, Mississippi Flyway*
- Arkansas Game and Fish Commission. 1959. Waterfowl management survey: duck banding in Canada. Co-operative Duck Depredation Evaluation Project--1958. Quart. Prog. Rep. Ark. Game and Fish Commission Jul:1, 4-17. Proj. No.: ARK. W-029-R-08/ JOB 07/QU4. *banding, Canada*
- Arnold, E. 1895. An outing in Assiniboia, 1895. *Oologist* 12:150-151, 161-163, 168-170. *distribution, historic, breeding, egg [cited in Callin 1979]*
- Arnold, T. W. 1988. Life histories of North American game birds: a reanalysis. *Can. J. Zool.* 66:1906-1912. *Productivity, survival, fecundity; Mortality; Aythya spp., affinis, marila*
- Arnow, I. F. 1909. The masked duck--a correction. *Auk* 26:189. *identification*
- Arzel, C., J. Elmberg, and M. Guillemain. 2006. Ecology of spring-migrating Anatidae: a review. *Journal of Ornithology* 147:167-184. *review, spring migration ecology, body condition, staging, chronology*
- Ashenurst, A. R. 2004. The effects of seismic lines and drill pads on breeding migratory birds in the Kendall Island Migratory Bird Sanctuary, NWT. M.S. thesis, University of Alberta, Edmonton. *Alaska, breeding, distribution (occurrence only)*
- Audubon, J. J. 1967. The birds of America. Vol. 6. Dover Publ., New York, NY. 457pp. *descriptive, historical*
- Aufforth, A. D., H. Goetz, and K. F. Higgins. 1990. Duck nesting on islands at J. Clark Salyer Refuge in North Dakota, 1983-1984. *Prairie Nat.* 22:1-12. *nesting, islands, North Dakota, prairie potholes*
- Austin, F. G., and H. E. Welch. 1972. The occurrence, life cycle and pathogenicity of *Echinuria uncinata* (Spirurida: Nematoda) in waterfowl at Delta, Manitoba. *Can. J. Zool.* 50:385-393. *Anas spp; Aythya spp, parasitology, Delta Marsh*
- Austin, J. E. 1983. Postbreeding ecology of female lesser scaup. M.S. Thesis, Univ. Missouri, Columbia. 124pp. *Postbreeding Ecology, affinis, female, molt, Manitoba*
- Austin, J. E. 1987. Activities of postbreeding lesser scaup in southwestern Manitoba. *Wilson Bull.* 99:448-456. *affinis; behavior; Molt; Migration, Manitoba, postbreeding*
- Austin, J. E., A. D. Afton, M. G. Anderson, R. G. Clark, C. M. Custer, J. S. Lawrence, J. B. Pollard, and J. K. Ringelman. 1998. Declines of greater and lesser scaup populations: issues, hypotheses, and research directions. Summary Report of the Scaup Workshop, 9-10 September 1998, Jamestown, ND. U.S. Geological Survey, Northern Prairie Wildl. Res. Center, Jamestown, ND. 28pp. *affinis, marila, research needs, review, population, breeding, contaminants, winter, migration, harvest, habitat, monitoring, survey, nesting*
- Austin, J.E ., A. D. Afton, M. G. Anderson, R. G. Clark, C. M. Custer, J. S. Lawrence, J. B. Pollard, and J. K. Ringelman. 2000. Declining scaup populations: issues, hypotheses, and research needs. *Wildl. Soc. Bull.* 28:254-263. *affinis, marila, research needs, review, population, breeding, contaminants, winter, migration, harvest, habitat, monitoring, survey, nesting*

- Austin, J. E., M. J. Anteau, J. S. Barclay, G. Scott Boomer, F. C. Rohwer, and S. M. Slattery. 2006. Declining scaup populations: reassessment of the issues, hypotheses, and research directions. Consensus report from the Second Scaup Workshop, 17-19 January 2006, Bismarck, ND, USA.
- Austin, J. E., C. M. Custer, and A. D. Afton. 1998. Lesser scaup (*Aythya affinis*). In A. A. Poole and F. Gill, editors. The Birds of North America, Number 338. The American Ornithologists Union, Washington, D.C. 32pp. *life history, plumage, migration, distribution, food habits, breeding, nesting, molt, duckling, survival, population*
- Austin, J. E., and L. H. Fredrickson. 1986. Molt of female lesser scaup immediately following breeding. *Auk* 103:293-298. *plumage, molt, Manitoba, postbreeding*
- Austin, J. E., and L. H. Fredrickson. 1987. Body and organ mass and body composition of postbreeding female lesser scaup. *Auk* 104:694-699. *body condition; protein; muscles; lipids; molt, Manitoba*
- Austin, J. E., D. A. Granfors, M. A. Johnson, and S. C. Kohn. 2002. Scaup migration patterns in North Dakota relative to temperature and water conditions. *J. Wildl. Manage* 66:874-882. *spring migration, North Dakota, weather, temperature, water conditions, survey, population*
- Austin, J. E., and W. H. Pyle. 2006. Nesting ecology of waterbirds at Grays Lake, Idaho. *Western North American Naturalist* 64:277-292. *nesting, nest success, Idaho, Intermountain West, clutch*
- Avery, M. L. 1974. Investigations of bird migration and mortality at the Omega Navigation Station, LaMoure, North Dakota. M.S. Thesis, North Dakota State Univ., Fargo. 84pp. *mortality, tower*
- Avery, M. L., P. F. Springer, and J. F. Cassel. 1975. Progress report on bird losses at the Omega tower, southeastern North Dakota. *Proc. N. Dakota Acad. Sci.* 27:40-49. *right-of-way; Accidents; Mortality; migration*
- Badzinski, S.S., R.J. Cannings, T.E. Armenta, J. Komaromi and P.J.A. Davidson. 2006. The British Columbia Coastal Waterbird Survey: An evaluation of survey power and species trends after five years of monitoring. Technical Report Series No. 455. Canadian Wildlife Service Pacific and Yukon Region, British Columbia and Bird Studies Canada. *winter, British Columbia, survey, marila, affinis* <http://www.bsc-eoc.org/library/bccwstrends2008.pdf>
- Badzinski, S. S. R. J. Cannings, T. E. Armenta, J Komaromi, and P. J. A. Davidson. 2008. Monitoring coastal bird populations in BC: the first five years of the Coastal Waterbird Survey (1999-2004). *British Columbia Birds* 17:1-35. *winter, British Columbia, survey, marila, affinis* <http://www.bsc-eoc.org/library/bccws5yrreport2008.pdf>
- Badzinski, S. S., and S. A. Petrie. 2006. Lesser scaup nutrient reserve dynamics on the Lower Great Lakes. *Wildlife Society Bulletin* 43:395-407. *body condition, spring migration, winter, spring condition hypothesis, Great Lakes, Ontario, nutrient reserves, lipid dynamics*
- Badzinski, S. S., and S. A. Petrie. 2006. Diets of lesser and greater scaup during autumn and spring on the Lower Great Lakes. *Wildlife Society Bulletin* 34:664-674. *diet, feeding ecology, fall migration, spring migration, Great Lakes, Ontario*
- Bailey, A. M. 1927. Notes on the birds of southeastern Alaska. *Auk* 44:1-23, 184-205, 351-367. *distribution, Alaska, historical, fauna list, winter, migration, chronology [but see Willett 1928 – marila not affinis]*

- Bailey, A. M. 1948. Birds of arctic Alaska. Popular Ser. 8. Colo. Mus. Nat. Hist., Denver. *fauna guide, Alaska, breeding, distribution, migration*
- Bailey, A. M., and R. J. Niedrach. 1965. Birds of Colorado. Vol. 1. Denver Mus. Nat. History, Denver, Colo. 454pp. *Colorado, distribution, migration chronology, winter, affinis [p. 174-175], marila*
- Bailey, C., P. Geoffroy, and K. H. G. Mills. 1976. An examination of the distribution of hen type and goose type lysozymes in Anseriformes. Comp. Biochem. Physiol. Part B: Comp. Biochem. 55:429-433. *enzyme, taxonomy, physiology*
- Bailey, R. O. 1983a. Distribution of postbreeding diving ducks (Aythyini and Mergini) on southern boreal lakes in Manitoba. Can. Wildl. Serv. Prog. Notes No. 136. 8pp. *postbreeding, Manitoba, boreal forest, distribution*
- Bailey, R. O. 1983b. Use of southern boreal lakes by moulting and staging diving ducks. Proc. West. Hemis. Waterfowl and Waterbird Symp., Edmonton, Alberta, 1982. 1:54-59. *postbreeding, molt, Population changes, migration; Habitat; Food habits; Manitoba; Saskatchewan*
- Bailey, R. O., and B. D. J. Batt. 1974. Hierarchy of waterfowl feeding with whistling swans. Auk 91:488-493. *Interspecific relations; Anas spp; Aythya spp, affinis; Feeding behavior; Manitoba*
- Baker, J.L., and R. L. Thompson. 1978. Shot ingestion by waterfowl on national wildlife refuges in Florida. Proc. Ann. Conf. S.E. Assoc. Fish Wild. Agencies 32: 256-262. *lead shot, lead poisoning, contaminants, Florida*
- Baldassarre, G. A., A. R. Brazda, and E. R. Woodyard. 1989. The east coast of Mexico. Pages 407-425 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. Habitat management for migrating and wintering waterfowl in North America. Texas Tech Univ. Press, Lubbock. *habitat use, winter, migration, Gulf coast, Mexico, review, Mississippi Flyway*
- Baldassarre, G. A., and L. E. Nauman. 1981. Factors affecting waterfowl use and production on man-made flowages in central Wisconsin. Trans. Wisc. Acad. Sci., Arts, Letters 69:4-14. *affinis; Aythya spp, Habitat; Impoundments; productivity; Breeding Behavior, Wisconsin*
- Baldwin, J. 1988. Predicting the swimming and diving behavior of penguins from muscle biochemistry. Hydrobiologia 165:255-261. *Locomotion; diving, Enzymes; physiology, affinis*
- Ball, I. J., R. D. Bauer, K. Vermeer, and M. J. Rabenberg. 1989. Northwest riverine and Pacific coast. Pages 429-449 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. Habitat management for migrating and wintering waterfowl in North America. Texas Tech Univ. Press, Lubbock. *habitat use, winter, migration, Pacific flyway, review*
- Ball, I. J., R. L. Eng, and S. K. Ball. 1995. Population density and productivity of ducks on large grassland tracts in northcentral Montana. Wildl. Soc. Bull. 23:767-773. *breeding population, nesting, grassland, Montana*
- Ballou, R. M., and G. Wrakestraw. 1953. Waterfowl breeding ground survey in Wyoming, 1953. Pages 159-168 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Wyoming*
- Ballou, R. M., and F. F. Wrakestraw. 1955. Waterfowl breeding ground survey in Wyoming, 1955. Pages 172-

175 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, Wyoming*

Banks, R. C. 1986. Subspecies of the greater scaup and their names. Wilson Bull. 98:433-444. *Nomenclature; marila marila; marila nearctica; Fuligula mariloides = Aythya affinis*

Barclay, J. S., and J. M. Zingo. 1993. Winter scaup populations in Connecticut coastal waters. Conn. Warbler 13(4):136-150. *distribution, winter, population, marila, affinis, Connecticut*

Bardon, K. 1994. The winter season (1 December 1993 to 28 February 1994). Loon 66(3):129-140. *distribution, winter, Minnesota*

Barnes, G. G., and V. G. Thomas. 1987. Digestive organ morphology, diet, and guild structure of North American Anatidae. Can. J. Zool. 65:1812-1817. *morphology, digestive organ, feeding ecology*

Barnes, G. L. 1958. Statewide wildlife investigation: Coastal marsh survey to determine wildlife use and management possibilities. Miss. Game and Fish Commission. 17pp. Proj. No.: MISS. W-048-R-05/WK.PL.12. *habitat use, Atlantic coast*

Barnes, W. B. 1951. Statewide wildlife survey, game management, and demonstration: Lead poisoning study. Ind. Div. Fish and Game. 6pp. Proj. No.: IND. *lead shot, lead poisoning, contaminants, Indiana*

Barngrover, L. 1977. Statewide Wildlife Program.: Evaluation of Nevada's waterfowl for ingested lead shot. Nev. Dep. Fish and Game. 20pp. Proj. No.: Nev. W-048-R-08/WK.PL.15/JOB 04. *lead shot, lead poisoning, contaminants, Nevada*

Barragán Severo, J., and E. López-López. 1997.. Trophic conditions of a reservoir system from the Mexican Central Plateau and their aquatic bird relationships. Pages 177– *in* Ramón Arzápalo Marín and R. Gubler, editors. Persistencia cultural entre los mayas frente al cambio y la modernidad. Universidad Autónoma de Yucatán, Mérida, Yucatán, México. *Mexico, winter, habitat use, impoundment, reservoir, water quality, distribution*

Barrows, W. B. 1912. Michigan bird life. Spec. Bull. Dep. Zool. Physiol. Mich. Agric. Coll., Lansing, MI. 822pp. *fauna guide, distribution, historical, Michigan [p. 94-95]*

Bartonek, J. C. 1968. Summer foods and feeding habits of diving ducks in Manitoba. Ph.D. Thesis, Univ. Wisconsin, Madison. 113pp. *feeding ecology, breeding, postbreeding, affinis, Aythya spp, Manitoba*

Bartonek, J. C. 1969. Build-up of grit in three pochard species in Manitoba. Wilson Bull. 81:96-97. *grit, Aythya spp, affinis, Manitoba*

Bartonek, J. C., and J. J. Hickey. 1969a. Food habits of canvasbacks, redheads, and lesser scaup in Manitoba. Condor 71:280-290. *feeding ecology, breeding, Aythya spp, affinis, aquatic invertebrates, Manitoba*

Bartonek, J. C., and J. J. Hickey. 1969b. Selective feeding by juvenile diving ducks in summer. Auk 86:443-457. *feeding ecology, invertebrates, breeding, postbreeding, juvenile, duckling, Aythya spp, affinis*

*Bartonek, J. C., and H. W. Murdy. 1970. Summer foods of lesser scaup in subarctic taiga. Arctic 23:35-44. *feeding ecology; breeding, arctic*

- Bartonek, J. C., and D. L. Trauger. 1975. Leech (Hirudinea) infestations among waterfowl near Yellowknife, Northwest Territories. *Can. Field Nat.* 89:234-243. *parasitology, Northwest Territories*
- Bateman, H. 1978. A study of lead shot ingestion in Louisiana game ducks collected during the 1977-78 hunting season. 11pp. Proj. No.: LA W-029-R; LA W-025-R. *lead shot, lead poisoning, contaminants, Louisiana*
- Baskett, T. S. 1975. Mercury residues in breast muscle of wild ducks, 1970-1971. *Pesticides Monitoring J.* 9: 67-78. *heavy metal, mercury, affinis; marila; pesticides contaminant*
- Baumgartner, F. M., and A. M. Baumgartner. 1992. Oklahoma bird life. Univ. Oklahoma Press, Norman. 443pp. *distribution, Oklahoma, migration, winter*
- Baumgartner, F. M., and J. C. Howell. 1942. Notes on the numerical status and migration of birds of the Lake Carl Blackwell project in north-central Oklahoma. *Proc. Okla. Acad. Sci.* 22:53-64. *distribution, Oklahoma, population, winter, migration*
- Bayer, R. D. 1980. Birds feeding on herring eggs at the Yaquina Estuary, Oregon. *Condor* 82:193-198. *fish; predation; Aythya spp, marila; affinis, migration; food supply*
- Beer, J. R. 1945. Sex ratios of ducks in southwestern Washington. *Auk* 62:117-124. *sex ratio, Aythya spp, affinis, Washington*
- Belcher, M. 1980. Birds of Regina. Rev. ed. Sask. Nat. Hist. Soc. Spec. Publ. No. 12. 151pp. *Saskatchewan, distribution, marila, affinis, nesting, migration, chronology [44-45]*
- Bell, L. M., and R. J. Kallman. 1976. The Nanaimo River Estuary; status of environmental knowledge to 1976. *Can. Dept. Environ. Spec. Estuary Ser. No. 5.* 298pp. *marila; affinis, Population; Migration; British Columbia, habitat*
- Bellrose, F.C. 1957. A spectacular waterfowl migration through central North America. *Ill. Nat. Hist. Surv. Biol. Notes No. 36.* 24pp. *fall migration, Mississippi River, Illinois River, Missouri River, Delta Marsh, Mississippi Flyway, weather, chronology*
- Bellrose, F. C. 1968. Waterfowl migration corridors east of the Rocky Mountains in the United States. *Ill. Nat. Hist. Surv. Biol. Notes No. 61.* 24pp. *migration, distribution, Mississippi flyway, Atlantic flyway*
- Bellrose, F. C. 1974. The effect of short-term weather conditions on the migration of waterfowl. Final rep. U.S. Dep. Transportation, Fed. Aviation Admin. 42pp. *migration, weather, North Dakota, Illinois*
- Bellrose, F. C. 1976. Ducks, geese, and swans of North America. 2nd ed. Stackpole Books, Harrisburg, PA. 540pp. *Fauna guide; distribution, ecology, life history, review, population, migration, marila, affinis*
- Bellrose, F. C. 1980. Ducks, geese, and swans of North America. 3rd ed. Stackpole Books, Harrisburg, PA. 540pp. *fauna guide, distribution, ecology, life history, marila, affinis, Distribution, population, review*
- Bellrose, F. C., and A. S. Hawkins. 1947. Duck weights in Illinois. *Auk* 64:422-430. *body weight, Illinois, migration*
- Bellrose, F. C., F. L. Paveglio, Jr., and D. W. Steffeck. 1979. Waterfowl populations and the changing environment of the Illinois River Valley. *Ill. Nat. Hist. Surv. Bull.* 32(1):1-54. *food supply, water levels,*

habitat, history, migration, population change, Illinois

Bellrose, F. C., T. G. Scott, A. S. Hawkins, and J. B. Low. 1961. Sex ratios and age ratios in North American ducks. Ill. Nat. Hist. Surv. Bull. 27:391-474. *age ratio, sex ratio, winter, migration*

Bendire, C. E. 1877. Notes on some of the birds found in southeastern Oregon, particularly in the vicinity of Camp Harney, from November, 1874, to January, 1877. Boston Soc. Nat. Hist. Proc. 19:109-149. *distribution, Oregon, historical, behavior*

Benirschke, K. and T. C. Hsu. 1973. *Aythya affinis* (lesser scaup). Chromosome Atlas: Fish, Amphibians, Reptiles And Birds. Vol. 2, Folio Av-31. Springer-Verlag, New York, NY. *chromosomes, hybridization, affinis, marila x fuligula, Britain*

Bennett, G. F., D. J. Nieman, B. Turner, E. Kuyt, M. Whiteway, and E. C. Greiner. 1982. Blood parasites of prairie anatids and their implication in waterfowl management in Alberta and Saskatchewan. J. Wildl. Dis. 18:287-296. *Aythya spp; Maturation; Productivity, parasitology, population management, marila, affinis*

Bennett, L. J. 1934. Notes on nesting waterfowl and other marsh nesting birds in northwest Iowa. Oologist 51:101-104. *breeding, distribution, Iowa*

Benson, D., and L. W. Degraff. 1967. Waterfowl management research: distribution and mortality of redheads banded in New York. N.Y. State Div. Fish and Game. 20pp. Proj. No.:N.Y. W-039-R-20/WK.PL.01/JOB H /SP. *distribution, mortality, banding data, New York*

Benson, D. 1964. Waterfowl management research.: evaluation of other waterfowl decimating factors. N.Y. State Div. Fish and Game. 3pp. Proj. No.: N.Y. W-039-R-17/WK.PL.05/JOB C. *mortality, New York*

Benson, R. I. 1959. Wildlife research restoration and management Planning: Migratory Waterfowl Division. Study of the effect of a newly-established sanctuary on waterfowl distribution and behavior. Minn. Div. Game and Fish 19(2):36-44. *refuge, distribution, Minnesota*

Benson, R. I. 1961. Wildlife research restoration and management Planning: Migratory Waterfowl Division. Study of the feeding patterns of and hunting pressure on waterfowl attracted to a sanctuary /Lac Qui Parle game refuge and public hunting grounds. Minn. Div. Game and Fish 21(2):13-26. *food habits, harvest, refuge, hunting, Minnesota*

Benson, R. I. 1963. Wildlife research restoration and management planning: Migratory Waterfowl Division. Study of the feeding patterns of and hunting pressures on waterfowl attracted to a sanctuary. Minn. Div. Game and Fish 23(1):21-32. *food habits, refuge, harvest, hunting, Minnesota*

Benson, R. I. 1964. Wildlife research restoration and management Planning: Migratory Waterfowl Division. Study of the feeding patterns of and hunting pressures on waterfowl attracted to a sanctuary. Minn. Div. Game and Fish 24(2):49-58. *hunting, disturbance, feeding habits, Minnesota, refuge*

Benson, R. I., and C. A. Anderson. 1962. Wildlife research restoration and management planning: Migratory Waterfowl Division. Study of the feeding patterns of and hunting pressures on waterfowl attracted to a sanctuary. Minn. Div. Game and Fish 22(1):1-12. *food habits, refuge, harvest, hunting, Minnesota*

Benson, R. I., N. J. Ordal, and J. P. Lindmeier. 1960. Wildlife research restoration and management planning: Migratory Waterfowl Division. Land use as it affects nesting success. Minn. Div. Game and Fish 19(4):1-30.

habitat management, habitat use, nesting, Minnesota

Bent, A. C. 1902. Nesting habits of Anatidae in North Dakota. *Auk* 19:1-12, 165-174. *historical, North Dakota, nesting, nest parasitism*

Bent, A. C. 1923. Life histories of North American wildfowl. Order Anseres (Part). Gov. Printing Office, Washington, U.S. Natl. Mus., Smithsonian Inst., Bull. 126. 250pp. *fauna guide, behavior, nesting, breeding, winter, migration, food habits*

Bent, A. C., and M. Copeland. 1927. Notes on Florida birds. *Auk* 44:371-386. *distribution, winter, Florida*

Bergan, J. F. 1986. Aggression and habitat segregation among diving ducks wintering in South Carolina. M.S. Thesis, Texas Tech Univ. Lubbock, TX. 124pp. *behavior, habitat segregation, distribution, winter, South Carolina*

Bergan, J. F., and L. M. Smith. 1989. Differential habitat use by diving ducks wintering in South Carolina. *J. Wildl. Manage.* 53:1117-1126. *habitat use, winter, behavior, feeding ecology, South Carolina*

Bergan, J. F., L. M. Smith, and J. J. Mayer. 1989. Time-activity budgets of diving ducks wintering in South Carolina. *J. Wildl. Manage.* 53:769-776. *time budget, winter, South Carolina*

Berger, A. J. 1972. Hawaiian birdlife. Univ. Press of Hawaii, Honolulu. 270pp. *distribution, Hawaii, fauna guide*

Bergeron, D., C. Jones, D. L. Genter, and D. Sullivan. 1992. P.D. Skaar's Montana bird distribution. 4th ed. Montana Nat. Heritage Prog. Spec. Publ. No. 2. Helena. 118pp. *distribution, winter, breeding, Montana*

Bergtold, W. H. 1924. Colorado Anatidae. *Auk* 41:72-89. *fauna list, Colorado, harvest, migration, chronology, distribution*

Bergtold, W. H. 1928. More Colorado ducks. *Auk* 45:170-176. *Colorado, fauna list, migration*

Beshears, W. W. 1961. Alabama wildlife development and operations: statewide waterfowl development. Ala. Div. Game and Fish. 11pp. Proj. No.: ALA. W-034-D-08/WK.PL.02. *habitat management*

Beshears, W. W. 1966. Statewide wildlife investigation: Alabama waterfowl bandings and recoveries, 1921-1966. Ala. Div. Game and Fish. 107pp. Proj. No.: ALA. W-035-R-13/WK.PL.05. *banding data, Alabama*

Bethke, R. W., and V. G. Thomas. 1988. Differences in flight and heart muscle mass among geese, dabbling ducks, and diving ducks relative to habitat use. *Can. J. Zool.* 66:2024-2028. *muscle, flight, habitat use, morphology*

Betts, N. D. 1913. Birds of Boulder County, Colorado. *Publ. Colo. Biol. Survey* 10:177-223. *distribution, historical, Colorado, migration*

Beyer, W. N., J. Dalgarn, S. Dudding, J. B. French, R. Mateo, J. Miesner, L. Sileo, and J. Spann. 2004. Zinc and Lead Poisoning in Wild Birds in the Tri-State Mining District (Oklahoma, Kansas, and Missouri). *Archives of Environmental Contamination and Toxicology* 48:108-117. *Oklahoma, Kansas, Missouri, heavy metals, contaminants*

- Beyer, W. N., M. C. Perry, and P. C. Osenton. 2008. Sediment ingestion rates in waterfowl (Anatidae) and their use in environmental risk assessment. *Integrated Environmental Assessment and Management* 4:246-251. *contaminant, feeding ecology, diet, sediment*
- Binford, L. C. 1989. A distributional survey of the birds of the Mexican state of Oaxaca. *Ornithol. Monograph*. 43. 418pp. *distribution, Mexico*
- Bihrlé, C. 1999. Bluebill blues. *N.D. Outdoors*; 62(1): 2-5. *affinis, marila, population status, harvest, popular lit*
- Bishop, J. S. 1968. Wildlife survey and management study: Waterfowl hunter check. Conn. State Board Fisheries and Game. 6pp. Proj. No.:CONN. W-007-R-21/ JOB 07. *harvest, hunting, Connecticut*
- Bishop, L. B. 1900. Birds of the Yukon Region, with notes on other species. Pages 47-96 *in* W. H. Osgood. Results of a biological reconnaissance of the Yukon River Region. *N. Am. Fauna* No. 19. *fauna list, distribution, breeding [p. 62]*
- Bizeau, E. G. 1951. Factors affecting waterfowl production at Gray's Lake, Idaho. M.S. thesis, Univ. Idaho. 123pp. *nesting, nest parasitism, Idaho*
- Blake, E. R. 1953. Birds of Mexico. A guide for field identification. Univ. Chicago Press, Chicago, IL. 644pp. *Mexico, fauna guide*
- Blohm, R. J., D. E. Sharp, P. I. Padding, R. W. Kokel, and K. D. Richkus. 2007. Integrated waterfowl management in North America. Pages 19-203 in G. C. Boere, C. A. Galbraith, and D. A. Stroud. *Waterbirds around the world. A global overview of the conservation, management and research of the world's waterbird flyways*. The Stationary Office, Edinburgh, UK. *Review, population management, harvest, survey*
- Bluhm, C. K. 1992. Environmental and endocrine control of waterfowl reproduction. Pages 323-364 *in* B. D. J. Batt, A. D. Afton, M. G. Anderson, C. D. Ankney, D. H. Johnson, J. A. Kadlec, and G. L. Krapu, eds. *Ecology and management of breeding waterfowl*. Univ. Minnesota Press, Minneapolis. *breeding, nesting, chronology, endocrinology, reproductive organs, photoperiod, environment, review*
- Boag, D. A., and V. Lewin. 1980. Effectiveness of three waterfowl deterrents on natural and polluted ponds. *J. Wildl. Manage.* 44:145-154. *scare devices; technique, Aythya spp, contaminant, Alberta*
- Boens, L. 1990. Disturbance of diving ducks by human activity on Pool 19, Mississippi River. M.S. Thesis, Western Illinois Univ., Macomb. 47pp. *disturbance, Mississippi River*
- Boersma, D. C. 1990. Migratory game birds harvested in Canada during the 1988 hunting season. *Can. Wildl. Serv. Prog. Notes* No. 190. 40pp. *harvest, Canada*
- Bogiatto, R. J. 1998. Nesting ecology of ducks at Eagle Lake, Lassen County, California. *Calif. Fish Game* 84:61-73. *nesting, habitat, breeding, predation, California*
- Bolen, E. G., J. S. Loven, and B. W. Cain. 1977. A holding sleeve for waterfowl. *J. Wildl. Manage.* 41:789-790. *equipment; Capture technique*
- Bookhout, T. A., K. E. Bednarik, and R. W. Kroll. 1989. The Great Lakes marshes. Pages 131-156 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. *Habitat management for migrating and wintering waterfowl in*

- North America. Texas Tech Univ. Press, Lubbock. *habitat use, winter, migration, review, Mississippi flyway*
- Booth, W. M. 1972. Diurnal migration of ducks in southwestern Michigan. *Jack-Pine Warbler* 50:114-118. *behavior, migration, Mississippi flyway*
- Bordage, D., C. Lepage and S. Orichefsky. 2003. 2003 Black Duck Joint Venture Helicopter Survey – Québec. Canadian Wildlife Service report, Québec Region, Environment Canada, Sainte-Foy, Québec. http://www.qc.ec.gc.ca/faune/faune/pdf/PCCN2003_EN.pdf *distribution, marila, affinis, Quebec, breeding*
- Borg, K. A.; W. K. Milson, D. R. Jones, F. L. Powell, and G. S. Mitchell. 2004. The effect of O₂ and CO₂ on the dive behavior and heart rate of lesser scaup ducks (*Aythya affinis*): quantification of the critical Pa[O₂] that initiates a diving bradycardia. *Respiratory Physiology and Neurobiology* 144(2-3):263-279. *physiology, locomotion, diving*
- Botero, J. E. 1983. Waterfowl use of the Cienaga Grande de Santa Marta Region, Columbia. *Proc. West. Hemis. Waterfowl and Waterbird Symp.*, Edmonton, Alberta, 1982. 1:119-126. *Habitat use; Migration; irregular migrant*
- Botero, J. E., and D. H. Rusch. 1988. Recoveries of North American waterfowl in the neotropics. Pages 469-482 *in* M. W. Weller, ed. *Waterfowl In Winter*. Univ. Minnesota Press, Minneapolis. *banding data, affinis, Mexico; Latin america; Migration, winter*
- Bowden, D.C. 1973. Review and evaluation of the May Waterfowl Breeding Ground Survey. *Bur. Sports Fish. Wildl. Unpubl. rep.* 74pp. *survey technique, breeding survey*
- Bowles, J. H. 1917. Coloration of down in adult ducks. *Auk* 34:206-207. *plumage, down, winter, breeding*
- Bowman, P. E. 1973. Food habits of the lesser scaup (*Aythya affinis*) in Lake Pontchartrain. M.S. Thesis, Southeastern Louisiana Univ., Hammond. 21pp. *food habits, winter, Lake Pontchartrain, Louisiana*
- Boyd, H. 1984. U.S. Fish and Wildlife Service estimates of duck numbers in northwestern Ontario, 1955-73. Pages 10-13 *in* S. G. Curtis, D. G. Dennis, and H. Boyd, eds. *Waterfowl studies in Ontario, 1973-81*. Can. Wildl. Serv. Occas. Pap. No. 54. *distribution, habitat use, Ontario, Atlantic flyway*
- Boyd, H. 1988. Recent changes in waterfowl hunting effort and kill in Canada. *Can. Wildl. Serv. Prog. Notes* No. 175. 11pp. *harvest, Canada, 1979-86*
- Boyer, G. F. 1972. Birds of the Nova Scotia - New Brunswick border region. *Can. Wildl. Soc. Occas. Pap. No.* 8. Rev. Ed. 47pp. *Fauna list, distribution, nesting, brood, breeding*
- Boyer, G. F., B. C. Carter, and J. Vaillancourt. 1955. Waterfowl breeding ground studies--Maritime provinces, 1955. Pages 125-131 *in* *Waterfowl populations and breeding conditions, summer 1955*. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, Maritime provinces, boreal forest*
- Bradshaw, C. 2005. Identification review: Lesser Scaup. *British Birds* 98:89. *identification*
- Braune, B. M., B.J. Malone, N.M. Burgess, J.E. Elliott, N. Garrity, J. Hawkings, J. Hines, H. Marshall, W.K. Marshall, J. Rodrigue, B. Wakeford, M. Wayland, D.V. Weseloh, and P.E. Whitehead. 1999. Chemical residues in waterfowl and gamebirds harvested in Canada, 1987-95. *Canadian Wildlife Service Technical Report Series* No.326. *contaminants, heavy metals, selenium, harvest, Canada*

- Braune, B. M., and B. J. Malone. 2006. Organochlorines and Mercury in Waterfowl Harvested in Canada. *Environmental Monitoring and Assessment* 114:331-359. *mercury, organochlorines, waterfowl consumption guidelines*
- Brauning, D. W., ed. 1992. Atlas of breeding birds of Pennsylvania. Univ. Pittsburg Press, Pittsburg, PA. 484pp. *distribution, breeding, Pennsylvania*
- Brewer, R., G.A. McPeck, and R.J. Adams, Jr. 1991. The atlas of breeding birds of Michigan. Michigan State Univ. Press, East Lansing. 594pp. *faunal guide, Michigan, breeding*
- Brewster, W.G., J.M. Gates, and L.D. Flake. 1976. Breeding waterfowl populations and their distribution in South Dakota. *J. Wildl. Manage.* 40:50-59. *productivity, South Dakota, habitat use, population*
- Bridges, C., S. J. Hawks, R. Hoem, N. Middlebrook, M. Penfold, and R. Trogstad. 1989. Waterfowl habitat management on public lands: a strategy for the future. U.S. Bur. Land Manage., Washington, D.C. 43pp. *Aythya spp, habitat management*
- Brimley, C. S. 1917. Thirty-two years of bird migration at Raleigh, North Carolina. *Auk* 34:296-308. *migration, chronology, Atlantic Flyway, North Carolina, winter*
- Brodkorb, P. 1964. Catalogue of fossil birds: part 2 (Anseriformes through Galliformes). *Bull. Fla. State Mus. Biol. Sci.* 8:196-335. *fossil history*
- Broley, J. 1950. Identifying nests of the Anatidae of the Canadian prairies. *J. Wildl. Manage.* 14:452-456. *nesting, identification, technique*
- Brook, R. W., and R. G. Clark. 2002. Retention and effects of nasal markers and subcutaneously implanted radio transmitters on breeding female lesser scaup. *Journal of Field Ornithology* 73:206-212. *marking technique, behavior, radiotelemetry, Yellowknife Study Area, Northwest Territories*
- Brook, R. W., and R. G. Clark. 2005. Breeding season survival of female lesser scaup in the Northern Boreal Forest. *Arctic* 58:16-20. *survival, breeding, predation, mortality, Northwest Territories, boreal forest, population dynamics*
- Brooks, A. 1917. Birds of the Chilliwack district, B.C. *Auk* 34:28-50. *distribution, historical, fauna list, British Columbia*
- Brooks, A. 1920. Notes on some American ducks. *Auk* 37:353-367. *affinis, marila, breeding, distribution, British Columbia*
- Brooks, W.S., and S. Cobb. 1911. Notes from eastern Alberta. *Auk* 28:465-469. *distribution, historical, fauna list, Alberta, breeding*
- Brown, A. C., and N. Collier. 2006. Two new bird records for the Lesser Antilles: bufflehead (*Bucephala Albeola*) and Swainson's warbler (*Limnothlypis Swainsonii*). *Caribbean Journal of Science* 42:273-275. *distribution, winter, Caribbean*
- Brown, B. T., S. W. Carothers, and R. R. Johnson. 1987. Grand Canyon birds: historical notes, natural history, and ecology. Univ. Arizona Press, Tucson. 302pp. *Distribution; fauna guide; marila, affinis, Arizona, habitat use, history*

- Brown, D. E. 1985. Arizona wetlands and waterfowl. Univ. Arizona Press, Tucson. 169pp. *affinis, marila, Migration; Impoundments; Habitat use, Food habits; breeding record, winter, harvest*
- Brown, P. W. 1987. Influence of an unidentified epornitic on waterfowl nesting at Jessie Lake, Alberta. Can. Field-Nat. 101:454-456. *disease; mortality, nesting, island, Alberta*
- Browne, S., and P. Riexinger. 1979. The Incidence of Shot Ingestion by N.Y. Waterfowl (Results of a two-year gizzard collection). 43pp. Proj. No.: NY W-039-R/Job X-2. *lead shot, contaminants, New York*
- Bruette, W. 1929. American duck, goose, and brant shooting. G. Howard Watt, New York, NY. 415pp. *hunting, behavior*
- Brummel, W. D. 1967. Sheldon Wildlife Management Area.: Appraisal. Tex. Parks and Wildlife Dep. 27pp. Proj. No.:TEX. FW-001-D-13/WK.PL.02 /JOB 01. *habitat management, habitat use, Texas*
- Bruner, S. C., and A. L. Feild. 1912. Notes on the birds observed on a trip through the mountains of western North Carolina. Auk 29:368-377. *distribution, North Carolina, summer*
- Brunetti, O. A. 1960. Wildlife investigations laboratory: food habits section. Quart. Prog. Rep. Cal. Dep. Fish and Game Apr:1, 7-10, 14-15. Proj. No.: CAL. W-052-R-04/WK.PL.02 /QU3. *food habits, winter, migration, California*
- Bue, I. G., and B. Fashinghauer. 1955. Waterfowl breeding ground survey in North Dakota. Pages 180-186 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, North Dakota*
- Bull, J. 1974. Birds of New York State. Doubleday Co., New York, NY. *banding data, distribution, New York, Alaska*
- Burger, J., J. R. Trout, W. Wander, and G. S. Ritter. 1984. Jamaica Bay studies. VII: Factors affecting the distribution and abundance of ducks in a New York estuary. Estuarine, Coastal Shelf Sci. 19:673-689. *Aythya spp, affinis; marila; Population; winter; Habitat; weather, estuarine*
- Burgess, G.D. 1957. Occurrence of *Leucocytozoan simondi* M. & L. in wild waterfowl in Saskatchewan and Manitoba. J. Wildl. Manage. 21:99-100. *parasitology*
- Burleigh, T. D. 1958. Georgia birds. Univ. Oklahoma Press, Norman. 746pp. *distribution, Georgia, fauna guide*
- Burtch, V. 1918. A wild duck trap. Bird-Lore 20:410-414. *capture techniques*
- Burnham, K. P., and D. R. Anderson. 1979. The composite dynamic method as evidence for age-specific waterfowl mortality. J. Wildl. Manage. 43:356-366. *Population dynamics; model; mortality, age*
- Bush, A. O. 1980. Faunal similarity and infracommunity structure in the helminths of lesser scaup. Ph.D. diss., Univ. Alberta, Edmonton. 254pp. *parasitology, community structure*
- *Bush, A. O., and J. C. Holmes. 1986a. Intestinal helminths of lesser scaup ducks: an interactive community. Can. J. Zool. 64:142-152. *parasitology, Alberta, ecology*

- Bush, A. O., and J. C. Holmes. 1986b. Intestinal helminths of lesser scaup ducks: patterns of association. *Can. J. Zool.* 64:132-141. *parasitology, Alberta, ecology*
- Burtch, V. 1922. Spring 1917 migration of shorebirds at Branchport, N.Y. *Auk* 39:275. *distribution, chronology, New York, summer*
- Burtch, V. 1918. A wild duck trap. *Bird-Lore* 20: 410-414. *trapping technique*
- Butler, R. W., and R. W. Campbell. 1987. The birds of the Fraser River delta: populations, ecology, and international significance. *Can. Wildl. Serv. Occas. Pap.* 65. 73pp. *marila, affinis, distribution, British Columbia, migration, winter*
- Butterworth, E. W., D. Falk, G. G. Mack, K. Smith, and Z. Wei. 2005. Conservation Planning for Waterbirds and Wetlands in NE British Columbia: A Summary of the Preliminary Results from the Fort Nelson Project, 2003-2004. Prepared by Ducks Unlimited Canada, Western Boreal Office, Edmonton, Alberta, Canada. *Breeding, British Columbia, distribution, population, survey*
- Cadman, M. D., P. F. J. Eagles, and F. M. Helleiner, compilers. 1987. Atlas of the breeding birds of Ontario. Univ. Waterloo Press, Waterloo, ON. 617pp. *faunal guide, Ontario, breeding [p 74-75]*
- Cadman, M. D., D. A. Sutherland, G. G. Beck, D. Lepage, and A. P. Couturier, editors. 2007. Atlas of the breeding birds of Ontario, 2001–2005. Bird Studies Canada, Environment Canada, Ontario Field Ornithologists, Ontario Ministry of Natural Resources, and Ontario Nature, Toronto, ON, Canada. 706pp. *faunal guide, Ontario, breeding distribution*
- Cahn, A. R. 1922. Additions to the summer avifauna of Lake County, Minn. *Auk* 39:120-122. *distribution, summer, Minnesota, boreal forest, fauna list*
- Cain, B. W. 1988. Wintering waterfowl habitat in Texas: shrinking and contaminated. Pages 583-596 *in* M. W. Weller, ed. *Waterfowl In Winter*, Univ. Minnesota Press, Minneapolis. *Population status; Habitat loss; Pollutants; Pesticides, marila/affinis*
- California Bird Records Committee. 2000. Annotated list of the birds of California. *California Game and Fish* 86:186-207. *Fauna list, California, breeding*
- Callin, E.M. 1980. Birds of the Qu'Appelle 1857-1979. *Sask. Nat. Hist. Soc. Spec. Publ. No. 13.* 168pp. *affinis, marila, Saskatchewan, distribution, migration, chronology, historic records [55-56]*
- Campbell, R. A. 1973. Studies on the biology of the life cycle of *Cotylurus flabelliformis* (Trematoda: Strigeidae). *Trans. Am. Microscop. Soc.* 92:629-640. *Parasitology; ; affinis*
- Campbell, R. W., N. K. Dawe, I. MacTaggart-Cowan, J. W. Cooper, G. W. Kaiser, and M. C. E. McNall. 1990. The birds of British Columbia. Vol. 1. Nonpasserines: Loons through waterfowl. Royal British Mus., Victoria, B.C. 514pp. *fauna guide, distribution, breeding, British Columbia*
- Cameron, E. S. 1907. The birds of Custer and Dawson Counties, Montana. *Auk* 24:241-270, 389-406. *distribution, historical, Montana, Central flyway, migration, chronology*
- Carney, S. M., and A. D. Geis. 1962. Waterfowl management research: Key to sex and age of waterfowl by

means of wing characters. N.Y. State Div. Fish and Game. 33pp.

Carney, S. M. 1964. Preliminary keys to waterfowl age and sex identification by means of wing plumage. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 82. 48pp. *aging, sexing, technique, plumage, marila, affinis*

Carney, S.M. 1992. Species, age, and sex identification of ducks using plumage. U.S. Fish Wildl. Serv. 144pp. *plumage, ageing, sexing technique, marila, affinis*

Carson, G. 1974. A Report on the cooperative Central Flyway Project to collect duck gizzards to determine incidence of ingested shot: Kansas Segment. Kans. Forestry, Fish and Game Comm. 10pp. *lead shot, lead poisoning, contaminants, Kansas*

Cartwright, B. W. 1944. Waterfowl brood counts in Manitoba, Saskatchewan, and Alberta, 1935, 1938-42. J. Wildl. Manage. 8:79-80. *brood (size, count), productivity, Manitoba, Saskatchewan, Alberta, prairie potholes*

Cartwright, B. W., and J. T. Law. 1952. Waterfowl banding 1939-1950 by Ducks Unlimited. A progress report covering banding operations by Ducks Unlimited during the period 1939-1950 in Manitoba, Saskatchewan, Alberta and British Columbia and an analysis of recoveries from birds thus banded. Ducks Unlimited, Winnipeg, Canada. 53pp. *banding data, Manitoba, Saskatchewan, Alberta, British Columbia, Ducks Unlimited*

Cassel, J. F., D. W. Kiel, J. J. Knodel, and J. M. Wiehe. 1979. Relation of birds to certain power transmission lines in central North Dakota. North Dakota State University, Fargo and United Power Assoc. 50pp. *mortality, power lines, North Dakota*

Cassone, B. 2002. Molt intensity and chronology of Lesser Scaup during spring and fall migration on the Lower Great Lakes. B.Sc. Honors Thesis. University of Western Ontario. London, Ontario. *Molt, spring migration, fall migration, Great Lakes, Ontario*

Catlett, R. H., and B. L. Johnston. 1974. Cardiac response to diving in wild ducks. Comp. Biochem. Physiol. Comp. Physiol. 47A:925-931. *Heart Rate, diving, locomotion*

Chabreck, R. H. 1964. Scaup scoop. Louisiana Conserv. 14:20-21, 23. *Louisiana, popular article, body weight, winter*

Chabreck, R. H. 1965. Sacrosporidiosis in ducks in Louisiana. Trans. N. Am. Wildl. Conf. 30:174-182. *disease, winter, Louisiana*

Chabreck, R. H. 1975. Waterfowl management and productivity - Gulf Coast habitat. Trans. Int. Waterfowl Symp., St. Louis, Missouri, 1975. 1:64-72. *Aythya spp, Habitat management; Research studies; Food supply; Texas; Louisiana; Mississippi; Alabama; Florida, Gulf Coast*

Chabreck, R. H., R. Joanen, and S. L. Paulus. 1989. Southern coastal marshes and lakes. Pages 249-277 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. Habitat management for migrating and wintering waterfowl in North America. Texas Tech Univ. Press, Lubbock. *habitat use, winter, migration, estuarine, Gulf Coast, review, Mississippi flyway*

Chabreck, R. H., and T. Takagi. 1985. Foods of lesser scaup in crayfish impoundments in Louisiana. Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies 39:465-470. *Food Habits; Winter; Impoundment; Crayfish; Louisiana*

- Chabreck, R. H., R. K. Yancey, and L. McNease. 1974. Duck usage of management units in the Louisiana coastal marsh. Proc. Annu. Conf. Southeast. Assoc. Game and Fish Commiss. 28:507-516. *Habitat; Estuarine; Food supply; Food habits; foraging ecology, habitat management*
- Chamberlain, E. B. 1960. Florida waterfowl populations, habitats and managements. Fla. Game and Fresh Water Fish Comm. Tech. Bull. No. 7. 62pp. *winter, population, habitat use, distribution, Florida, Atlantic flyway*
- Chappell, W. A. 1982. Aspects of the energetics of greater scaup (*Aythya marila*) and lesser scaup (*Aythya affinis*) during migration. M.S. Thesis, McGill Univ., Ste-Anne-de-Bellevue, Que. 84pp. *energetics, nutrient reserves, body weight, migration, marila, affinis*
- Chappell, W. A., and R. D. Titman. 1983. Estimating reserve lipids in greater scaup (*Aythya marila*) and lesser scaup (*Aythya affinis*). Can. J. Zool. 61:35-38. *Body condition; Migration; Lipids, affinis, marila, condition index*
- Charnetski, W. A. 1976. Organochlorine insecticide residues in ducklings and their dilution by growth. Bull. Environ. Contam. Toxicol. 16:138-144. *contaminant, pesticide, duckling, growth, Alberta*
- Chesapeake Bay Executive Council. 1990. Chesapeake Bay Waterfowl Policy and Management Plan. Chesapeake Bay Program Agreement Commitment Report. Chesapeake Bay Executive Council, Annapolis, Maryland, USA.
- Chisholm, G., and L. A. Neel. 2001. Birds of the Lahontan Valley. A guide to Nevada's wetland oasis. University of Nevada Press, Reno, NV. *Distribution, winter, Nevada, marila, affinis*
- Christmas, J. Y. 1960. Greater and lesser scaup feeding on dead gulf menhaden. Auk 77:346-347. *feeding habitats, winter*
- Christopher, M. W., and E. P. Hill. 1988. Diurnal activity budgets of nonbreeding waterfowl and coots using catfish ponds in Mississippi. Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies 42:520-527. *behavior, time budgets, impoundments, winter, Mississippi*
- Christopher, M. W., E. P. Hill, and D. E. Steffen. 1988. Use of catfish ponds by waterfowl wintering in Mississippi. Pages 413-418 *in* M. W. Weller, ed. Waterfowl In Winter. Univ. Minnesota Press, Minneapolis. *Habitat use, winter, interspecific relations, Louisiana, impoundment*
- Clapp, R. B., M. K. Klimkiewicz, and J. H. Kennard. 1982. Longevity records of North American birds: Gaviidae through Alcidae. J. Field Ornithol. 53:81-124. *banding data, age*
- Clar, J. P. 1977. Effects of experimental management schemes on production and nesting ecology of ducks at Malheur National Wildlife Refuge. M.S. thesis, Oregon State Univ., Corvallis. 66pp. *nesting, productivity, Oregon, habitat management, water management*
- Clark, R. C., K. A. Hobson, and L. I. Wassenaar. 2006. Geographic variation in the isotopic (δD , $\delta^{13}C$, $\delta^{15}N$, $\delta^{34}S$) composition of feathers and claws from lesser scaup and northern pintail: implications for studies of migratory connectivity. Canadian Journal of Zoology 84:1395-1401. *distribution, migration, stable isotope, plumage*
- Clark, R. G., D. E. Meger, and J. B. Ignatiuk. 1995. Removing American crows and duck nesting success. Can.

- J. Zool. 73:518-522. *nesting, nest success, Saskatchewan, Corvus brachyrhynchos, parkland, predation*
- Clark, R. G., and D. Shutler. 1999. Avian habitat selection: Pattern from process in nest-site use by ducks? Ecology 80:272-287. *nesting, breeding, habitat use, nest success*
- Clarke, T., J. A. Lorenzo Gutiérrez, and J. King. 1995. The lesser scaup on the Canary Islands: the first female for the western Palearctic. Birding World 8(2):52-55. *distribution, Canary Islands, winter*
- Cogswell, H. L. 1977. Water birds of California. Univ. California Press, Berkeley. 399pp. *Fauna guide; Habitat; Distribution records; Aythya spp, marila, affinis [p. 143-144]*
- Collazo, J., M. Epstein, and G. Popotnik. 2002. Seasonal numbers of shorebirds and waterfowl in impoundments managed under hydrological regimes at Merritt Island NWR. In Proceedings Third Biennial Mosquito Lagoon Conference. US Fish and Wildlife Service and National Park Service. August 6-7, 2002, Titusville, FL. *Habitat use, winter, wetlands, Florida*
- Collias, N. E., and E. C. Collias. 1963. Selective feeding by wild ducklings of different species. Wilson Bull. 75:6-14. *feeding ecology, invertebrate, duckling*
- Collins, J. M. 1974. The relative abundance of ducks breeding in southern Ontario in 1951 and 1971. Pages 32-44 in H. Boyd, ed. Waterfowl studies. Can. Wildl. Serv. Rep. Ser. No. 29. *distribution, breeding, habitat use, Ontario, Atlantic flyway*
- Collins, W. H. 1880. Notes on the breeding habits of some of the water-birds of St. Clair Flats, Michigan. Bull. Nuttall Ornithol. Club 5:61-62. *breeding, Great Lakes, Michigan*
- Colwell, M. A., and O. W. Taft. 2000. Waterbird communities in managed wetlands of varying water depth. Waterbirds 23:45-55. *habitat use, water, California, winter*
- Conant, B., J. G. King, J. L. Trapp, and J. I. Hodges. 1988. Estimating populations of ducks wintering in southeast Alaska. Pages 541-551 in M. W. Weller, ed. Waterfowl In Winter. Univ. Minnesota Press, Minneapolis. *marila/affinis; winter, distribution, population estimates; census technique*
- Conaway, C., F. Black, T. Grieb, S. Roy, and A. Flegal. 2008. Mercury in the San Francisco Estuary. Reviews in Environmental Contaminants and Toxicology 194:29-54. *contaminants, heavy metals, San Francisco Bay, California, winter, review*
- Conger, J. M.M. T. Sorensen, P. Leitman, L. B. Martello, and R. J. Wenning. 2008. Avian ecological risk potential in an urbanized estuary: Lower Hackensack River, New Jersey, U.S.A. Science of the Total Environment 407:1035-1047. *risk assessment, sediment, contaminants, estuarine, New Jersey*
- Cooch, F. G. 1978. Distribution between Canada and the United States of the retrieved waterfowl kill by sport hunters. Pages 78-81 in H. Boyd and G. H. Finney, eds. Migratory game bird hunters and hunting in Canada. Can. Wildl. Serv. Rep. Ser. 43. *harvests (1973-1975), hunting*
- Cooch, F. G. 1988. The impact of the Migratory Birds Convention Act and of seasonal phenology on recreational hunting of waterfowl in northwestern Canada. Can. Wildl. Serv. Prog. Notes No. 173. 13pp. *harvest, chronology, Northwest Territories*
- Cooch, F. G., S. Wendt, G. E. J. Smith, and G. Butler. 1978. The Canadian migratory game bird hunting permit

- and associated surveys. Pages 8-39 *in* H. Boyd and G. H. Finney, eds. Migratory game bird hunters and hunting in Canada. Can. Wildl. Serv. Rep. Ser. No. 43. *harvest, Canada*
- Cooper, T. R. 1996. An evaluation of waterfowl production surveys in eastern South Dakota, 1995. M.S. thesis, South Dakota State Univ., Brookings. 100pp. *survey, late-nesting index, production, brood, South Dakota, prairie potholes, breeding population*
- Cornelius, S. E. 1982. Wetland salinity and salt gland size in the redhead *Aythya americana*. *Auk* 99:774-778. *physiology, morphology, habitat use, winter*
- Corcoran, R. M. 2005. Lesser scaup nesting ecology in relation to water chemistry and macroinvertebrates on the Yukon Flats, Alaska. M.S. thesis, University of Wyoming, Laramie. *Breeding, nesting, Alaska, Yukon Flats NWR, aquatic invertebrates, limnology, chronology, nest success, habitat use*
- Corcoran, R. M., J. R. Lovvorn, M. R. Bertram, and M. T. Vivion. 2007. Lesser scaup nest success and duckling survival on the Yukon Flats, Alaska. *Journal of Wildlife Management* 71:127-134. *nesting, nest initiation date, clutch size, habitat use, nest success, duckling survival, mortality, Alaska, boreal forest, Yukon Flats NWR*
- Corcoran, R. M., J. R. Lovvorn, and P. J. Heglund. 2008. Long-term change in limnology and invertebrates in Alaskan boreal wetlands. *Hydrobiologia* DOI 10.1007/s10750-008-9616-5. *Alaska, breeding, limnology, macroinvertebrate, food resources, Yukon Flats NWR*
- Cornely, J. E. 1982. Waterfowl production at Malheur National Wildlife Refuge, 1942-1980. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 47:559-571. *breeding, productivity, Oregon*
- Cornwell, G., and R. Hartung. 1963. A holding pen for diving ducks. *J. Wildl. Manage.* 27:290-292. *technique, propagation*
- Corrington, J. D. 1922. The winter birds of the Biloxi, Mississippi, region. *Auk* 39:530-556. *fauna list, winter, Mississippi, habitat use*
- Cordts, S. D., G. G. Zenner, and R. R. Koford. 2002. Comparison of helicopter and ground counts for waterfowl in Iowa. *Wildlife Society Bulletin* 30:317-326. *Breeding, aerial survey, ground survey, Iowa, late spring migration, May [p. 322-323]*
- Cottam, C. 1933. Feeding habits of the lesser scaup duck. *Condor* 35:118-119. *Food Habits*
- Cottam, C. 1939. Food habits of North American diving ducks. U.S. Dep. Agric. Tech. Bull. 643. 140pp. *food habits, marila, affinis*
- Coues, E. 1874. Birds of the northwest: a handbook of the ornithology of the region drained by the Missouri River and its tributaries. Misc. Publ. No. 3, U.S. Geol. Surv. of the Territories, Washington, D.C. 791pp. *distribution, historical, Central flyway, breeding, Montana*
- Cowan, I. McT., and J. Hatter. 1952. A trap and technique for the capture of diving waterfowl. *J. Wildl. Manage.* 16:438-441. *capture technique*
- Cram, E.B. 1931. Parasitism in game birds. *Trans. N. Am. Game Conf.* 17:203-206. *parasitology*

- Craves, J. A. 2007. The birds of Dearborn, an annotated checklist. Julie Craves, publisher, Dearborn, MI. *distribution, winter, migration*
- Crook, S. L. 2007. Time-activity budgets, body condition, and lipid prediction models of wintering diving ducks on East Texas reservoirs. M.S. thesis, Stephen F. Austin University, Texas. *Body condition, body mass, lipid, winter, reservoir, Texas, time budget, behavior, feeding ecology*
- Criddle, N. 1922. A calender of bird migration. *Auk* 39:41-49. *migration, chronology, fauna list*
- Crider, E. D., V. D. Stotts, and J. C. McDaniel. 1968. Diazepam and alpha-chloralose mixtures to capture waterfowl. *Proc. Annu. Conf. Southeast. Assoc. Game and Fish Comm.* 22:133-141. *capture method, drug, winter*
- Crissey, W. F. 1975. Determination of appropriate waterfowl hunting regulations. U.S. Dep. Int., Bur. Sport Fish. Wildl. Admin. Rep. - June 21, 1975. *breeding, survey technique, migration*
- Crissey, W. F., and R. H. Bain. 1953. Waterfowl breeding ground survey in Quebec and Labrador. Pages 111-118 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Quebec, Labrador, boreal forest, tundra*
- Cronan, J. J. 1954. Wildlife survey and management study: Study of scaup wintering in Long Island Sound. Conn. State Board Fisheries and Game. 3pp. *winter, survey, Long Island, New York*
- Cronan, J. J. 1954. Wildlife survey and management study: Chart scaup duck movements in Long Island Sound. Conn. State Board of Fisheries and Game. 9pp. *winter, Long Island, New York, movements*
- Cronan, J. J. 1954. Wildlife survey and management study: analysis of scaup stomachs. Conn. State Board Fisheries and Game. 11pp. *food habits, winter, Long Island, New York*
- Cronan, J. M., Jr. 1955. A study of scaup duck wintering in Long Island Sound. M.S. Thesis, Univ. Connecticut, Storrs. 127pp. *winter, marila, affinis, Long Island Sound, New York, food habits, distribution, Atlantic flyway*
- Cronan, J. M., Jr. 1957. Food and feeding habits of the scaups in Connecticut waters. *R.I. Div. Fish and Wildlife* 74(4):459-468. *feeding ecology, food habits, winter, affinis, marila, Atlantic flyway, Connecticut*
- Cronan, J. M., Jr. 1957. Food and feeding habits of the scaups in Connecticut waters. *Auk* 74:459-468. *Feeding Ecology, Winter, affinis, marila, Atlantic flyway, Connecticut*
- Cronan, J. M. 1958. Sex ratios of wintering scaups in Long Island Sound. *Wilson Bull.* 70:191-192. *sex ratios, winter, marila, affinis, Long Island Sound, estuarine, Atlantic flyway, New York*
- Cronan, J. M., and B. F. Halla. 1968. Fall and winter foods of Rhode Island waterfowl: Wildlife Pamphlet No. 7. *R.I. Div. Fish and Game.* 40pp. *winter, food habits, Rhode Island*
- Crosby, M. S. 1923. Supplementary notes on the birds of Dutchess County, N.Y. *Auk* 40:94-105. *fauna list, New York, migration, distribution*
- Croxall, J. 1979. Birds and oil pollution. Pages 174-191 *in* J.E. Cooper and J.T. Eley, eds. First Aid and Care of Wild Birds. David & Charles, Newton Abbot, North Pomfret, VT. *contaminant, oil; medical care, physiology*

- Cruttenden, J. R. 1942. Lesser scaup duck nesting at Churchill, Manitoba. *Auk* 59:304. *nesting, distribution, arctic, Manitoba*
- Csuti, B. A., T. A. O'Neil, E. Gaines, and M. Huso, eds. 1997. Atlas of Oregon Wildlife : Distribution, Habitat, and Natural History. Oregon State University Press, Corvallis, OR. 1997. 492pp. *Oregon, breeding, winter, distribution*
- Custer, C. M., and T. W. Custer. 1996. Food habits of diving ducks in the Great Lakes after the zebra mussel invasion. *J. Field Ornithol.* 67:86-99. *feeding ecology, food supply, Lake Erie, Great Lakes, status, zebra mussel, Dreissena polymorpha*
- Custer, C. M., and T. W. Custer. 2000. Organochlorine and trace element contamination in wintering and migrating diving ducks in the southern Great Lakes, USA, since the zebra mussel invasion. *Environmental Toxicology and Chemistry* 19:2821-2829. *contaminants, heavy metals, winter, migration, Great Lakes, zebra mussel*
- Custer, C. M., T. W. Custer, M. J. Anteau, A. D. Afton, and D. E. Wooten. 2003. Trace elements in lesser scaup (*Aythya affinis*) from the Mississippi flyway. *Ecotoxicology* 12:47-54. *contaminants, selenium, heavy metals, spring migration, Mississippi Flyway*
- Custer, C. M., T. W. Custer, and D. W. Sparks. 1996. Radio telemetry documents 24-hour feeding activity of wintering lesser scaup. *Wilson Bull.* 108:556-566. *behavior, diurnal rhythm, feeding ecology, nocturnal activities, winter, Indiana*
- Custer, C. M., T. W. Custer, D. W. Sparks, R. K. Hines, and C. O. Kochanny. 1996. Movement patterns of wintering lesser scaup in Grand Calumet River--Indiana Harbor Canal, Indiana. *J. Great Lakes Res.* 22:95-99. *winter, movement, behavior, census method, feeding ecology, habitat use, telemetry, Indiana*
- Custer, C. M., and W. L. Hohman. 1994. Trace elements in canvasbacks (*Aythya valisineria*) wintering in Louisiana, USA, 1987-1988. *Environ. Poll.* 84: 253-259. *contaminants, winter, Louisiana, Gulf Coast*
- Custer, C. M., and D. W. Sparks. 1995. Implanted radio transmitters facilitate the study of foraging lesser scaup in Indiana Harbor Canal, Indiana. *Natl. Biol. Serv. Information Bull.* 13. 3pp. *radio telemetry, technique, Indiana, implantation*
- Custer T. W., C. M. Custer, R. K. Hines, and D. W. Sparks. 2000. Trace elements, organochlorines, polycyclic aromatic hydrocarbons, dioxins, and furans in lesser scaup wintering on the Indiana Harbor Canal. *Environ. Pollut.* 110: 469-482. *contaminant, affinis, Great Lakes, pesticides, migration*
- Custer T. W., C. M. Custer, R. K. Hines, D. W. Sparks, M. J. Melancon, D. J. Hoffman, J. W. Bickham, and J. K. Wickliffe. 2000. Mixed-function oxygenases, oxidative stress, and chromosomal damage measured in lesser scaup wintering on the Indiana Harbor Canal. *Arch. Environ. Contam. Toxicol.* 38:522-529. *contaminant, affinis, Great Lakes, pesticides, migration*
- Dall, W. H. 1870. Alaska and its resources. Lee and Shepard, Boston, MA. 628pp. *distribution, historical, Alaska*
- Dancey, H. E. 1987. A snowy owl snatches a scaup. *Indiana Audubon Q.* 65(3):104. *affinis, predation*

- Davies, C. 2002. The European Bird Report: Non-passerines. *British Birds* 95:174-188. *Distribution, Europe, UK*
- Davis, J.W., R.G. Anderson, L. Karstad, and D.O. Trainer. 1971. Infectious and parasitic diseases in wild birds. Iowa State Univ. Press, Ames. 341pp. *parasitology, disease*
- Davis, L. I. 1972. A field guide to the birds of Mexico and Central America. Univ. Texas Press, Austin. 282pp. *distribution, Mexico, Central America, fauna guide*
- Dawson, R. D., and R. G. Clark. 1996. Effects of variation in egg size and hatching date on survival of lesser scaup *Aythya affinis* ducklings. *Ibis* 138:693-699. *body size, egg, duckling, morphology, survival, Saskatchewan, prairie parkland*
- Dawson, R. D., and R. G. Clark. 2000. Effects of hatching date and egg size on growth, recruitment, and adult size of Lesser scaup. *Condor* 102:930-935. *egg size, chronology, recruitment, breeding, body size, Saskatchewan, parkland, prairie pothole*
- Dawson, W. L., and J. H. Bowles. 1909. The birds of Washington, Vol II. Occidental Publ. Co., Seattle, WA. 528pp. *distribution, historic, Pacific flyway, Washington*
- Day, D. M. 1984. Use of diving duck activity patterns to examine seasonal habitat utilization of lower reaches of Pool 19, Mississippi River. M.S. Thesis, Western Illinois Univ., Macomb. 147pp. *habitat use, affinis, Mississippi River, disturbance*
- Day, D. M., R. V. Anderson, and M. A. Romano. 1993. Canvasback and lesser scaup activities and habitat-use on Pool 19, Upper Mississippi River. *Trans. Ill. State Acad. Sci.* 86:33-45. *Mississippi River, habitat use, disturbance*
- Deane, R. 1876. Albinism and melanism among North American birds. *Bull. Nuttall Ornithol. Club* 1:20-24. *plumage*
- Décarie, R., F. Morreau, D. Lambert, S. Carrière, and J-P. L. Savard. 1995. Habitat use by brood rearing waterfowl in subarctic Québec. *Arctic* 48:383-390. *brood, duckling, habitat use, Quebec, marila/affinis*
- Dekker, D. 1987. Peregrine falcon predation on ducks in Alberta and British Columbia. *J. Wildl. Manage.* 51:156-159. *Falco peregrinus; Alberta, British Columbia, predation*
- Delacour, J. 1959. The waterfowl of the world. Vol. 3. Country Life, Ltd., London. 270pp. *fauna guide, plumage, molt [p. 57-58]*
- Delacour, J., and E. Mayr. 1945. The family Anatidae. *Wilson Bull.* 57:3-55. *taxonomy, behavior*
- Delacour, J., and E. Mayr. 1946. Supplementary notes on the family Anatidae. *Wilson Bull.* 58:104-110. *taxonomy*
- Dell, D. A., R. H. Chabreck, P. M. McKenzie, and R. P. Martin. 1987. Wintering waterfowl and their habitats in northeastern Louisiana. *La. Agric. Expt. Stn. Res. Rep.* 12. Baton Rouge. 4pp. *winter, habitat use, Louisiana, Mississippi flyway*
- Demandi, M. 2004. Lead shot incidence in Greater and Lesser Scaup on the lower Great Lakes, one year after

the ban of lead shot in Canada. B.Sc. Honors Thesis. University of Western Ontario. London, Ontario. *Lead shot, steel shot, harvest, Great Lakes, Ontario, fall migration*

Demendi, M., and S. A. Petrie. 2006. Shot ingestion in scaup on the lower Great Lakes after nontoxic shot regulations in Canada. *Wildlife Society Bulletin* 34:1101-1106. *lead shot, harvest, steel shot, lead poisoning, Great Lakes, Ontario, fall migration, harvest*

Dennis, D. G. 1974a. Breeding pair surveys of waterfowl in southern Ontario. Pages 45-52 *in* H. Boyd, ed. *Waterfowl studies*. Can. Wildl. Serv. Rep. Ser. No. 29. *distribution, breeding, habitat use, Ontario, Atlantic flyway*

Dennis, D. G. 1974b. Waterfowl observations during the nesting season in Precambrian and clay belt areas of north-central Ontario. Pages 53-56 *in* H. Boyd, ed. *Waterfowl studies*. Can. Wildl. Serv. Rep. Ser. No. 29. *distribution, breeding, habitat use, Ontario, Atlantic flyway*

Dennis, D. G., and R. E. Chandler. 1974. Waterfowl use of the Ontario shorelines of the southern Great Lakes during migration. Pages 58-65 *in* H. Boyd, ed. *Waterfowl studies*. Can. Wildl. Serv. Rep. Ser. No. 29. *distribution, migration, habitat use, Great Lakes*

Dennis, D. G., G. B. McCullough, N. R. North, and R. K. Ross. 1984. An updated assessment of migrant waterfowl use of the Ontario shorelines of the southern Great Lakes. Pages 37-42 *in* S. G. Curtis, D. G. Dennis, and H. Boyd, eds. *Waterfowl studies in Ontario, 1973-81*. Can. Wildl. Serv. Occas. Pap. No. 54. *distribution, migration, habitat use, Great Lakes, Ontario, Atlantic flyway*

Dennis, D. G., and N. R. North. 1984a. Waterfowl densities in northwestern Ontario during the 1979 breeding season. Pages 6-9 *in* S. G. Curtis, D. G. Dennis, and H. Boyd, eds. *Waterfowl studies in Ontario, 1973-81*. Can. Wildl. Serv. Occas. Pap. No. 54. *distribution, breeding, habitat use, Ontario, Atlantic flyway*

Dennis, D. G., and N. R. North. 1984b. Waterfowl use of the Lake St. Clair marshes during migration in 1968-69, 1976-77, and 1982. Pages 43-52 *in* S. G. Curtis, D. G. Dennis, and H. Boyd, eds. *Waterfowl studies in Ontario, 1973-81*. Can. Wildl. Serv. Occas. Pap. No. 54. *distribution, migration, habitat use, Great Lakes, Ontario, Atlantic flyway*

de Schauensee, R. M. 1970. A guide to the birds of South America. Livingston Publ. Co., Wynnewood, PA. 470pp. *distribution, South America, faunal guide*

de Schauensee, R. M., and W. H. Phelps, Jr. 1978. A guide to the birds of Venezuela. Princeton Univ. Press, Princeton, NY. 424pp. *distribution, Central America, faunal guide*

Devink, Jean-Michel. 2007. Comparative reproductive energetics and selenium ecotoxicology in three boreal-breeding waterfowl species. Dissertation, University of Saskatchewan, Saskatoon, Saskatchewan, Canada. *Reproduction, body mass, body condition, lipid, contaminants, heavy metals, stable isotope, physiology, boreal forest, Northwest Territories, Yellowknife*

Devink, J.-M., R. G. Clark, S. M. Slattery, and T. M. Scheuhammer. 2008. Effects of dietary selenium on reproduction and body mass of captive lesser scaup. *Environmental Toxicology and Chemistry* 27:471-477. *body condition, lipids, body mass, reproduction, nesting, contaminants, heavy metals, physiology*

Devink, J.-M., 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* 152:116-22.

body condition, lipids, body mass, reproduction, nesting, contaminants, heavy metals, physiology, boreal forest, Northwest Territories

Devries, J. H., L. M. Armstrong, R. J. MacFarlane, L. Moats, and P. T. Thoroughgood. 2008. Waterfowl nesting in fall-seeded and spring-seeded cropland in Saskatchewan. *Journal of Wildlife Management* 72:1790–1797. *nesting (2), prairie pothole region, prairie grasslands, cropland, winter wheat, Saskatchewan*

Dewberry, O. 1969. Statewide wildlife investigations: Altamaha Area food habits study. Ga. State Game and Fish Comm. 4pp. *food habits, Georgia, winter*

Dick G. W., J. K. Smith, and R. M. Smart. 2004. Migratory waterfowl habitat selection in relation to aquatic vegetation. U.S. Army Corps of Engineers, Engineering Research and Design Center, Aquatic Plant Control Research Program. ERDC/TN APCRP-EA-09. *habitat use, aquatic macrophytes, invasive species, Texas, fall, winter*

Dickson, K. M. 1989. Trends in sizes of breeding duck populations in western Canada, 1955-89. Can. Wildl. Serv. Prog. Notes No. 186. 9pp. *breeding population, Alberta, British Columbia, Saskatchewan, Northwest Territories, Yukon, Manitoba*

Dickson, K. M. 1989. Migratory game birds killed in Canada during the 1987 hunting season. Can. Wildl. Serv. Prog. Notes No. 179. *harvest, Canada, 1984-87*

Dickinson, D. M., and D. Baresco. 2003. Prairie River: a canoe and wildlife viewing guide to the South Saskatchewan River. Federation of Alberta Naturalists, Nature Books of Alberta, Edmonton?, Alberta. *Faunal guide, Saskatchewan, distribution, NWT*

Diem, K. 1958. A study of the factors influencing waterfowl censuses in the parklands, Alberta, Canada. M.S. thesis, Utah State Univ., Logan. 82pp. *survey technique, parkland, Alberta, breeding*

Di Giulio, R. T., and P. F. Scanlon. 1984. Heavy metals in tissues of waterfowl from the Chesapeake Bay. *Environ. Poll. Series A: Ecol. Biol.* 35:29-48. *Aythya spp, affinis, marila, heavy metals, Food chain; contaminant, estuarine, Maryland*

Dignard, N., R. Lalumière, A. Reed, and M. Julien. 1988. Habitats of the northeastern coast of James Bay. Can. Wildl. Serv. Occas. Pap. 70. *summer, habitat, subarctic, James Bay; Table 2*

DiMatteo, A. 2007. National Parks conservation association natural resource assessment for Fort Pulaski National Monument. M.S. thesis, Duke Univeristy, IL. *Distribution, winter, Georgia*

Dindal, D. L. 1967. Kinetics of Cl³⁶ DDT in wild waterfowl. Ph.D. Thesis, Ohio State Univ., Columbus. 214pp. *contaminant, DDT, affinis, Anas*

Dindal, D. L. 1970. Accumulation and excretion of Cl³⁶ DDT in mallard and lesser scaup ducks. *J. Wildl. Manage.* 34:74-92. *contaminant, pesticide, DDT*

Dindal, D. L., and T. J. Peterle. 1968. Wing and body tissue relationships of DDT and metabolite residues in mallard and lesser scaup ducks. *Bull. Environ. Contam. Toxicol.* 3:37-48. *Contaminants; DDT*

Dindal, D. L., and P. C. Stromberg. 1970. DDT residues associated with cestodes from mallards and lesser scaup ducks. *Bull. Environ. Contam. Toxicol.* 5:13-15. *Contaminant; DDT; Parasitology*

- Dinsmore, J.J., T.H. Kent, D. Koenig, P.C. Petersen, and D.M. Roosa. 1984. Iowa birds. Iowa State Univ. Press, Ames, IA. *distribution, migration, chronology, breeding records [p. 84-85]*
- Dirschl, H. J. 1969. Foods of lesser scaup and blue-winged teal in the Saskatchewan River Delta. J. Wildl. Manage. 33:77-87. *Feeding Ecology; Breeding; Saskatchewan*
- Dixon, J. S. 1938. Birds and mammals of Mt. McKinley National Park, Alaska. Natl. Parks Fauna Ser. No. 3. 236pp. *distribution, Alaska, historical, fauna list*
- Dodson, M. M. 1957. Migratory bird study: banding return analysis / Ducks. Okla. Dep. Wildlife Conservation. 22pp. *banding data, Oklahoma, migration, winter*
- Dodson, M. M. 1955. Migratory bird study: Waterfowl banding. Okla. Dept. Wildlife Conservation. 7pp. *banding data, Oklahoma, migration, winter*
- Donaldson, D. M., and C. Hunter. 1954. Waterfowl management survey. Ark. Game and Fish Commission. 26pp. *winter, survey, distribution, Arkansas*
- Donison, R. 1976. Regina Waterfowl Park nesting survey - 1975. Blue Jay 34:103-116. *nesting, Saskatchewan*
- Donnelly, J. a. 1966. Migratory bird investigations: waterfowl banding. W. Va. Div. Game and Fish. 25pp. *banding data, winter, West Virginia*
- Donnelly, J. A. 1959. Migratory bird investigations.: band waterfowl and tabulate recoveries. W. Va. Div. Game and Fish. 12pp. *banding data, winter, West Virginia*
- Donnelly, J. A. 1960. Migratory bird investigations: Band waterfowl and tabulate recoveries. W. Va. Div. Game and Fish. 16pp. Proj. No.: W.VA. W-037-R-02/ JOB A. *banding data, West Virginia*
- Donnelly, J. A. 1963. Migratory bird investigations: waterfowl banding. W. Va. Div. Game and Fish; 21pp. *banding data, winter, West Virginia*
- Donnelly, J. A. 1967. Migratory bird investigations: waterfowl studies. W. Va. Div. Game and Fish. 21pp. *banding data, winter, West Virginia*
- Donnelly, J. A. 1964. Migratory bird investigations: waterfowl Banding. W. Va. Div. Game and Fish. 25pp. *banding data, winter, West Virginia*
- Dorst, J. 1962. The migrations of birds. Houghton Mifflin Co., Boston, MA. 476pp. *migration, review*
- Downs, J. L., M. A. Simmons, J. A. Stegen, A. L. Bunn, B. L. Tiller, S. L. Thorsten, and R. K. Zufelt. 2004. Ecological characterization data for the 2004 composite analysis. Report Prepared for the U.S. Department of Energy under Contract DE-AC05-76RL01830. Pacific Northwest National Laboratory, Richland, Washington. *distribution, Washington (Hannaford)*
- Drent, R. J., A. D. Fox, and J. Stahl. 2006. Traveling to breed. Journal of Ornithology 147:122-134. *spring migration, breeding strategy, review, body condition, lipid reserves, chronology*
- Drever, M. C. 2006. Spatial synchrony of prairie ducks: roles of wetland abundance, distance, and agricultural

cover. *Oecologia* 147:725-433. *breeding, prairie pothole region, habitat, water conditions, agriculture, chronology, population*

Driver, E. A., and A. J. Derksen. 1980. Mercury levels in waterfowl from Manitoba, Canada, 1971-1972. *Pesticides Monitoring J.* 14:95-101. *marila; affinis; Pesticide; heavy metal, contaminant*

Drouin, T. E., and J. L. Mahrt. 1979. The prevalence of *Sarcosystis* Lankester, 1882, in some bird species in western Canada, with notes on its life cycle. *Can. J. Zool.* 57:1915-1921.

Drouin, T. E., and J. L. Mahrt. 1980. The morphology of cysts of *Sarcosystis* infecting birds in western Canada. *Can. J. Zool.* 58:1477-1482. *parasitology*

Duebbert, H. F., and A. M. Frank. 1984. Value of prairie wetlands to duck broods. *Wildl. Soc. Bull.* 12:27-34. *brood, habitat use, prairie potholes*

DuBois, S. D., and A. W. Palmisano. 1975. An evaluation of traps and baits for capturing waterfowl in coastal Louisiana. *Southeast. Assoc. Game and Fish Commiss.* 28:474-482. *capture technique, equipment, winter*

Dubovsky, J. A., and R. M. Kaminski. 1987a. Estimates and chronology of waterfowl use of Mississippi catfish ponds. *Proc. Southeast. Assoc. Fish and Wildl. Agencies* 41:257-265. *winter, distribution, habitat use, impoundment, chronology, Mississippi, Atlantic flyway*

Dubovsky, J. A., and R. M. Kaminski. 1987b. Wintering waterfowl abundance and habitat associations with catfish ponds in the Alluvial Valley Region of Mississippi. *Miss. Dep. Wildl. Conserv. completion rep.* 111pp. *winter, distribution, population, habitat use, Mississippi, Atlantic flyway*

*Dubovsky, J. A., and R. M. Kaminski. 1992. Waterfowl and American coot habitat associations with Mississippi catfish ponds. *Proc. Southeast. Assoc. Fish and Wildl. Agencies* 46:10-17. *winter, habitat use, impoundment, Mississippi, Atlantic flyway*

*Duke, R. W., and R. H. Chabreck. 1975. Waterfowl habitat in lakes of the Atchafalaya Basin, Louisiana. *Proc. Annu. Conf. Southeast. Assoc. Game and Fish Commis.* 29:501-512. *Food habits, habitat; Louisiana, winter*

Dudley, S. P., M. Gee, C. Kehoe, and T. M. Melling. 2006. The British Ornithologists' Union Records Committee (BOURC). *The British List: A Checklist of Birds of Britain.* 7th edition. *Ibis* 148:526-563. *distribution, UK, marila, affinis*

Duncan, D. C. 1986. Influence of vegetation on composition and density of island-nesting ducks. *Wildl. Soc. Bull.* 14:158-160. *nesting, Habitat, islands; Alberta, grassland, prairie potholes*

Dunning, J. B., Jr. 1984. Body weights of 686 species of North American birds. *West. Bird Banding Assoc. Monogr. No. 1.* 38pp. *Biometrics; body weight*

Dunning, J. B., Jr. 1992. *CRC handbook of avian body mass.* CRC Press, Ann Arbor, MI. 371pp. *body weight [from Palmer 76]*

Dustman, E. H., L. H. Stickle, and J.B. Elder. 1972. Mercury in wild animals, Lake St. Clair, 1970. Pages 46-52 *in* R. Hartung and B. D. Dinman, eds. *Environmental mercury contamination.* Ann Arbor Sci. Publ., Inc., Ann Arbor, MI. *contaminant, mercury, heavy metal, Great Lakes*

- Dwernychuk, L. W., and D. A. Boag. 1972a. Ducks nesting in association with gulls-an ecological trap? *Can. J. Zool.* 50:559-563. *nesting, gulls, predation, island*
- Dwernychuk, L. W., and D. A. Boag. 1972b. How vegetative cover protects duck nests from egg-eating birds. *J. Wildl. Manage.* 36:955-958. *Productivity; Predation; nesting; habitat; Alberta*
- Dwernychuk, L. W., and D. A. Boag. 1973. Effect of herbicide-induced changes in vegetation on nesting ducks. *Can. Field-Nat.* 87:155-165. *herbicide; nesting, habitat use; Alberta*
- Dzubin, A. 1952. Waterfowl production and behavior study in the Minnedosa pothole district of Manitoba. Pages 71-75 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, Manitoba, prairie potholes, brood (count)*
- Dzubin, A. 1955. Waterfowl populations and production on the Roseneath study area, southern Manitoba 1955. Pages 86-88 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, Manitoba, brood, production*
- *Dzubin, A. 1954. An intensive study of waterfowl populations on a small block of agricultural land, Minnedosa, Manitoba. M.A. thesis, Univ. British Columbia, Vancouver. 95pp. *breeding, population, productivity, nesting, Manitoba, parkland, prairie potholes*
- Dzubin, A. 1969. Assessing breeding populations of ducks by ground counts. Pages 178-230 *in* Saskatoon Wetlands Seminar, Can. Wildl. Serv. Rep. Ser. No. 6.
- Eadie, J. M., F. P. Kehoe, and T. D. Nudds. 1988. Pre-hatch and post-hatch brood amalgamation in North American Anatidae: a review of hypotheses. *Can. J. Zool.* 66:1709-1721. *marila; affinis; duckling; behavior, review*
- Eberhardt, L. E., and A. B. Sargeant. 1977. Mink predation on prairie marshes during the waterfowl breeding season. Pages 33-43 *in* Proc. 1975 Predator Symposium, Missoula, Montana. Montana For. Cons. Exp. Sta., Univ. Montana, Missoula. *Predation, North Dakota*
- Eddleman, W. R., C. T. Patterson, and F. L. Knopf. 1985. Interspecific relationships between American coots and waterfowl during fall migration. *Wilson Bull.* 97:463-472. *interactions, migration, fall*
- Edwards, E. P. 1972. A field guide to the birds of Mexico, including all birds occurring from the western border of Mexico to the southern border of Nicaragua. E. P. Edwards, Sweet Briar, VA. 300pp. *distribution, Mexico, South America, fauna guide*
- Einarsson, A., and A. Gardarsson. 2003. Moulting diving ducks and their food supply. *Aquatic Ecology* 38:297-307. *molt, feeding ecology, food resources, Iceland, marila*
- Eiserman, K. 2006. Evaluatin of waterbird populatins and their conservation in Guatemala. Final report. Sociedad Guatemalteca de Ornithologia, Guatemala, Guatemala.
http://www.avesdeguatemala.org/Waterbirds_GUA_final_20march2006.pdf *distribution, winter, population*
- Eisler, R. 1985. Cadmium hazards to fish, wildlife, and invertebrates: a synotic review. U.S. Fish Wildl. Serv. Biol. Rep. 85(1.2). 46pp. *Pollutants; affinis; ; Literature Review*
- Eisler, R. 1986. Polychlorinated biphenyl hazards to fish, wildlife, and invertebrates: a synotic review. U.S. Fish Wildl. Serv. Biol. Rep. 85(1.7). 72pp. *Pesticide, contaminant, invertebrate; Literature Review*

- Eldridge, J. 1990. Aquatic invertebrates important for waterfowl production. U.S. Fish Wildl. Serv. Wildl. Leaflet No. 13.3.3. 7pp. *affinis, marila, invertebrate, production, feeding ecology*
- Ellig, L. J. 1955. Waterfowl relationships to Greenfields Lake, Teton County, Montana. Montana Fish Game Dep. Tech. Bull. 1. 35pp. *migration, sex ratio, Montana*
- 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. Environ. Monit. Assess. 53:337-362. *affinis, contaminants, pesticide, coastal habitat, habitat degradation, DDT, behavior, British Columbia, winter*
- Emery, R. B., D. W. Howerter, L. M. Armstrong, M. G. Anderson, J. H. Devries, and B. L. Joynt. 2005. Seasonal variation in waterfowl nesting success and its relation to cover management in the Canadian prairies. Journal of Wildlife Management 69:1181-1193. *nesting, nest success, prairie parkland, Manitoba, Alberta, Saskatchewan, habitat management*
- Eng, R. L. 1986. Waterfowl. Pages 371-386 *in* A. Y. Cooperrider, R. J. Boyd, and H. R. Stuart, eds. Inventory and monitoring of wildlife habitat. U.S. Bur. Land Manage., Denver, Colo. *marila; affinis; Habitat; Breeding biology; Census Methods*
- Erickson, A. B. 1943. Sex ratios of ducks in Minnesota, 1938-1940. Auk 60:20-34. *sex ratio, migration, Minnesota*
- Erickson, A. B. 1953. Minnesota's game kill. Conserv. Volunteer July-August 1953. *harvest, Minnesota*
- Erickson, R. C. 1959. Diving ducks - their past and future. Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm. 13:277-282. *population changes, marila, affinis*
- Erskine, A. J. 1974. The co-operative breeding bird survey in Canada, 1973. Can. Wildl. Serv. Progr. Notes No. 38. 15pp. *Population status; surveys, prairie potholes*
- Erskine, A. J. 1992. Atlas of breeding birds of the Maritime Provinces. Nimbus Publ. Limited and Nova Scotia Mus., Halifax, NS. *distribution, breeding, Nova Scotia, Prince Edward Island, New Brunswick, St. Lawrence River*
- Erwin, R. M. 1996. Dependence of waterbirds and shorebirds on shallow-water habitats in the mid-Atlantic coastal region: an ecological profile and management recommendations. Estuaries 19:213-219. *distribution, Atlantic flyway, Deleware Bay, Chesapeake Bay, habitat use, winter, migration, disturbance, estuarine, habitat management*
- Erwin, R. M., G. M. Haramis, and D. G. Kremetz. 1993. Resource protection for waterbirds in Chesapeake Bay. Environmental Management 17:613-619. *distribution, disturbance, Chesapeake Bay, Maryland, winter, migration*
- Esler, D. 1994. Dynamics of ovarian follicles in breeding ducks. Wilson Bull. 106:679-688. *breeding, physiology, reproductive organ, nesting*
- Esler, D. 1999. Time of day of ovulation by three duck species in subarctic Alaska. Condor 101:422-425. *breeding, egg laying, Alaska*

- Esler, D., J. B. Grand, and A. D. Afton. 2001. Intraspecific variation in nutrient reserve use during clutch formation by lesser scaup. *Condor* 103:810-820. *Body condition, nutrient reserves, lipid, protein, ash, breeding, clutch, Alaska, prairie pothole region*
- Evans, C. D. 1955. Waterfowl breeding ground survey in southern Manitoba, 1955. Pages 77-85 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, Manitoba*
- Evans, C. D., and K. E. Black. 1956. Duck production studies on the prairie potholes of South Dakota. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 32. 59pp. *brood, movement, South Dakota, prairie potholes, habitat use*
- Evans, C. D., and R. R. Kerbs. 1977. Avian use of livestock watering ponds in western South Dakota. U.S.D.A. For. Serv. Gen. Tech. Rep. RM-35. Rocky Mtn. For. Exp. Sta., Fort Collins, CO. 11pp. *South Dakota, impoundment, habitat use*
- Evans, J. 1962. Florida waterfowl survey: waterfowl development potentials for West Bay, Panama City, Florida. Fla. Game and Fresh Water Fish Comm. 10pp. *winter, survey, Florida, habitat management*
- Evans, J., and F. K. Jones. 1962. Florida waterfowl survey: Controlled hunt on the Guano River Wildlife Management Area, St. Johns County, Florida, 1961-62. Fla. Game and Fresh Water Fish Comm.. 41pp. *winter, survey, hunting, harvest*
- Evans, J. 1962. Guano River Development. Fla. Game and Fresh Water Fish Comm. 42pp. *winter, Florida, habitat management*
- Evans, J. 1960. Guano River development. Fla. Game and Fresh Water Fish Comm. 18pp. *winter, Florida, habitat management*
- Evans, J. 1959. Guano River Development. Fla. Game and Fresh Water Fish Comm. 5pp. *winter, Florida, habitat management*
- Evans, J. 1961. Florida Waterfowl Survey: Analysis of the controlled waterfowl hunt on the Guano River Wildlife Management Area, Florida, 1960-61. Fla. Game and Fresh Water Fish Comm.. 58pp. *winter, Florida, hunting, harvest*
- Evans, J. 1961. Guano River Development. Fla. Game and Fresh Water Fish Comm. 23pp. *winter, Florida, habitat management*
- Evans, J. 1962. Florida waterfowl survey: waterfowl development potentials for Eglin Field Air Force Base, Florida. Fla. Game and Fresh Water Fish Comm. 19pp. *winter, Florida, habitat management*
- Evans, L. 1996. Lesser scaups in Britain. *Birding World* 9:144-145. *distribution, UK, males*
- Evermann, B. W., and H. W. Clark. 1920. Lake Maxinkuckee. A physical and biological survey. Vol. 1. Ind. Dep. Conserv. 660pp. *distribution, Indiana, migration, behavior, food habits*
- Faanes, C. A. 1981. Birds of the St. Croix River Valley: Minnesota and Wisconsin. U.S. Fish Wildl. Serv. N. Am. Fauna, No. 73. 196pp. *fauna guide, Minnesota, Wisconsin, St. Croix River, migration, chronology, nesting, habitat use, winter*

- Faanes, C. A. 1982. Avian use of Sheyenne Lake and associated habitats in central North Dakota. U.S. Fish Wildl. Serv. Resour. Publ. No. 144. 24pp. *Habitat use; Breeding Populations, North Dakota; prairie potholes*
- Farnes, R.E. 1960. Thief Lake waterfowl hunter bag checks. *Flicker* 32:2-24. *harvest, Minnesota*
- Farr, M. M. 1964. Coccidiosis of the lesser scaup, *Aythya affinis* (Eyton 1838) with a description of a new species, *Eimeria aythya*. *Proc. Helminthol. Soc. Wash.* 32(2):236-238 *parasitology*
- Fashingbauer, B. A. 1953. Waterfowl breeding ground survey in North Dakota. Pages 183-189 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, North Dakota, brood (count, size)*
- Fashingbauer, B. A., R. I. Benson, and M. M. Nelson. 1958. Wildlife research restoration and management planning: Migratory Waterfowl Division. Study of the effects of certain sanctuaries on waterfowl distribution and behavior. *Minn. Div. Game and Fish* 17(4):227-250. *migration, refuge, distribution, Minnesota, harvest, habitat management*
- Fast, P. L. F., R. G. Clark, R. W. Brook, and J. E. Hines. 2004. Patterns of wetland use by brood-rearing lesser scaup in northern boreal forest of Canada. *Waterbirds* 27(2):177-182. *habitat use, breeding, brood, boreal forest, Yellowknife Study Area, NWT, amphipod*
- Ferguson, R. S. 1981. Summer birds of the Northwest Angle Provincial Forest and adjacent southeastern Manitoba, Canada. *Syllogus* No. 31. 23 P. *Fauna list, Manitoba, boreal forest*
- Ferguson, W. H. 1966. Will my birds nest this year? *Modern Game Breeding* 2(7):18-20, 34-35. *aviculture, age, breeding*
- Ferrel, C. M. 1969. Wildlife Investigations Laboratory: Food habits investigations. Miscellaneous food habits studies. *Cal. Dep. Fish and Game.* 21pp. *winter, food habits, California*
- Ferrel, C. M. 1961. Wildlife investigations laboratory: food habits investigations. Food habits study of canvasback ducks in the Napa Marsh. *Cal. Dep. Fish and Game.* 5pp. *winter, California, food habits*
- Ferrel, C. M. 1962. Wildlife investigations laboratory: disease investigations. Diagnosis of diseases in mammals and birds. *Cal. Dep. Fish and Game.* 7pp. *winter, California, disease*
- Ferry, J. F. 1910. Birds observed in Saskatchewan during the summer of 1909. *Auk* 27:185-204. *breeding, nest parasitism*
- Fields, R. 1975. Virginian avian cholera outbreak. Smithsonian Institution. Center For Short-Lived Phenomena, Cambridge, Massachusetts. Event 14-75, March 4th. 2 Cards (2101 & 2102) *Disease; affinis; ; Virginia*
- Figuerola, J., and A. J. Green. 2006. A comparative study of egg mass and clutch size in the Anseriformes. *Journal of Ornithology* 147:57-68. *Clutch mass, clutch size, egg size, sexual dimorphism*
- Fix, D. 1985. Notes on scaup identification. *Oreg. Birds* 11(4):146-151. *identification, marila, affinis*
- Fleming, J. H., and H. Lloyd. 1920. Ontario bird notes. *Auk* 37:429-439. *distribution, Ontario, fall migration*

- Fleming, W. B. 1954. Statewide waterfowl management research: Inventory of existing waterfowl habitat and its utilization in Arizona. Ariz. Game and Fish DEP. 23pp. *winter, Arizona, habitat, survey*
- Fleming, W. B. 1954. Statewide waterfowl management research: Inventory of existing waterfowl habitat and its utilization in Arizona. Ariz. Game and Fish Dept. 53pp. *winter, Arizona, survey, habitat*
- Fleming, W. B. 1959. Migratory waterfowl in Arizona - a management study. Arizona Fish Game Wildl. Bull. No. 5. 74pp. *distribution, breeding record, Arizona*
- Fleischli, M. A., J. C. Franson, N. J. Thomas, D. L. Finley, and W. Riley Jr. 2004. Avian Mortality Events in the United States Caused by Anticholinesterase Pesticides: A Retrospective Summary of National Wildlife Health Center Records from 1980 to 2000. Archives of Environmental Contamination and Toxicology 46:542-550. *contaminants, heavy metals, pesticides, mortality*
- Fleming, W. B., and D. R. Berlinski. 1963. Statewide waterfowl management research: Evaluation of developed areas. Ariz. Game and Fish Dep. 10pp. *winter, Arizona, habitat, habitat management*
- Fleskes, J. P., and E. E. Klaas. 1993. Remains of ducks and other prey found near fox and mink dens on an Iowa wildlife refuge. Prairie Nat. 24:43-50. *breeding, predation, Iowa, Vulpes vulpes, Mustela vison*
- Fleskes, J.P., and J. L. Yee. 2007. Waterfowl distribution and abundance during spring migration in southern Oregon and northeastern California. Western North American Naturalist 67:409-428. *spring migration, California, Oregon, habitat use, distribution*
- Flickinger, E. L. 1981. Wildlife mortality at petroleum pits in Texas. J. Wildl. Manage. 45:560-564. *winter, Texas, mortality, oil*
- Flickinger, E. L., and C. M. Bunck. 1987. Number of oil-killed birds and fate of bird carcasses at crude oil pits in Texas. Southwest. Nat. 32:377-381. *winter, Texas, mortality, oil*
- Flickinger, E. L., and K. A. King. 1972. Some effects of aldrin-treated rice on Gulf Coast wildlife. J. Wildl. Manage. 36:706-727. *Pesticide, contaminant; Mortality; agriculture, Gulf Coast; Texas*
- Flipo, D., M. Fournier, C. Beaulieu, and C. Tessier. 1997. Flow cytometric evaluation of immune function of lesser scaup fed a diet of zebra mussels from contaminated water. Developmental and Comparative Immunology 21:129. *feeding ecology, parasite, immune function, physiology, zebra mussel, contaminant*
- Flumm, D. 1996. The Lesser scaup in Cornwall--the first female for Britain. Birding World 9:431-432. *distribution, UK*
- Foley, R. E. 1992. Organochlorine residues in New York waterfowl harvested by hunters in 1983-1984. Environ. Monit. Assess. 21:37-48. *winter, contaminants, pesticides, harvest, New York.*
- Forbes, M. R. L., R. C. Clark, P. J. Weatherhead, and T. Armstrong. 1994. Risk-taking by female ducks: intra- and interspecific tests of nest defense theory. Behav. Ecol. Sociol. 34:79-85. *behavior, nesting, territory*
- Forbush, E. H. 1912. A history of the game birds, wild-fowl and shorebirds of Massachusetts and adjacent states. Mass. State Board Agric., Wright and Potter Printing Co., Boston, MA. 622pp. *fauna guide, Massachusetts, historical, affinis, marila*

- Ford, J. R. 1975. Biological effects of methyl mercury in aquatic systems on mallards and scaup. Ph.D. diss., Mich. State Univ., East Lansing. 81pp. *marila; affinis; contaminant, Pesticide; heavy metal, Michigan*
- Ford, J. R., and H. H. Prince. 1975. Biological effects of methyl mercury in aquatic systems on mallards and scaup. Progr. Compl. Rep. A-052-MICH, Inst. Water Res., Mich. State Univ., East Lansing. 73pp. *marila; affinis; contaminant, Pesticide; heavy metal, Michigan*
- Forrester, D. J., J. M. Gaskin, F. H. White, N. P. Thompson, J. A. Quick, Jr., G. E. Henderson, J. C. Woodard, W. D. Robertson. 1977. An epizootic of waterfowl associated with a red tide episode in Florida. J. Wildl. Dis. 13:160-167. *protozoa; Pollutants; affinis; , diseases; Pisces; Mortality*
- Fournier, B. J., and J. E. Hines. 2005. Geographic distribution and changes in population densities of waterfowl in the Northwest Territories, Canada, 1976-2003. Canadian Wildlife Service Technical Report Series 433. Canadian Wildlife Service, Yellowknife, Northwest Territories, Canada. *Distribution, Aythya, marila, Northwest Territories, boreal, breeding, migration*
- Fournier M A 2000. Incidents of mixed clutches among scaup and ring-billed gulls. Waterbirds 23: 114-116. *nesting, clutch, parasitism, Northwest Territories, affinis, marila*
- Fournier, M. A., and J. E. Hines. 1996. Nest sharing by a lesser scaup and a greater scaup. Wilson Bull. 108:380-381. *marila, affinis, nesting, parasitism*
- Fournier, M. A., and J. E. Hines. 1996. Anomalies in the eggs of diving ducks of the Genus *Aythya*. Can. Field-Nat. 110:700-701. *egg, abnormalities, morphology*
- Fournier, M. A., and J. E. Hines. 2001. Breeding ecology of sympatric greater and lesser scaup (*Aythya marila*) and *Aythya affinis*) in the subarctic northwest territories. Arctic 54:444-456. *Breeding, subarctic, Northwest Territories, Great Slave Lake, island, nest success*
- Fox, G. A., M. C. MacCluskie, And R. W. Brook. 2005. Are current contaminant concentrations in eggs and breeding female lesser scaup of concern? Condor 107:50-61. *contaminants, selenium, heavy metals, breeding, egg*
- Francis, C. V. 2007. Density-dependent effects on female condition and reproductive investments in lesser scaup. M.S. thesis, North Dakota State University, Fargo, ND. *Reproduction, physiology, nesting, North Dakota, prairie pothole region, nest success, clutch size, body condition, population density*
- Francis, C. M. 1994. Population changes of boreal forest ducks: a comment. J. Wildl. Manage. 58:582-586. *boreal forest, population*
- Freeman, W. G., and G. Salinas. 1952. Waterfowl breeding ground survey in Montana. Pages 164-170 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, brood (count, size), Montana*
- Frey, J. W., and E. R. Warren. Bird notes from Salida, Chaffee County, Colorado. Auk 27:142-151. *distribution, spring migration, Colorado*
- Friedmann, H. 1925. Notes on the birds observed in the lower Rio Grande Valley of Texas during May, 1924. Auk 42:537-554. *distribution, Texas, winter, sex ratio*
- Fuller, R. W. 1964. Vermont waterfowl management studies and investigations: Fall populations and hunting.

Vt. Fish and Game Dep. 18pp. *migration, Vermont, hunting, harvest*

Fuller, R.W. 1957. Lower Champlain Valley waterfowl development: Ecological response to impoundment of water. Vt. Fish and Game Dep. 17pp. Proj. No.: VT. W-027-R-01/ JOB 01/A. *migration, Vermont, habitat use, habitat management, impoundment*

Fuller, R. W. 1958. Lower Champlain Valley Waterfowl development: Ecological response to impoundment of water. Vt. Fish and Game Dep. 5pp. Proj. No.: VT. W-027-R-02/ JOB 01/B. *migration, Vermont, habitat use, habitat management, impoundment*

Fuller, R. W. 1959. Lower Champlain Valley waterfowl development: Ecological response to impoundment of water--populations. Vt. Fish and Game Dep. 6pp. Proj. No.: VT. W-027-R-03/ JOB 01/A. *migration, Vermont, habitat use, habitat management, impoundment*

Fuller, R. W. 1959. Lower Champlain Valley Waterfowl development: Waterfowl introductions. Vt. Fish and Game Dep. 6pp. Proj. No.: VT. W-027-R-03/ JOB 03. *migration, Vermont, habitat management*

Fuller, R. W. 1961. Lower Champlain Valley waterfowl development: Ecological response to impoundment of water--populations. Vt. Fish and Game Dep. 5pp. Proj. No.: VT. W-027-R-05/ JOB 01/A. *migration, Vermont, habitat use, habitat management, impoundment*

Fuller, R. W. 1963. Vermont waterfowl management studies and investigations: Ecological response to impoundment of water. Vt. Fish and Game Dep. 8pp. *migration, Vermont, habitat use, habitat management, impoundment*

Funk H.D. 1974. A cooperative lead shot ingestion study on mallards, pintails and scaup in the Central Flyway, 1973-74. Central Flyway Tech. Comm. Prelim. Rep., Ft. Collins. 19pp. *lead poisoning, lead shot, Central Flyway*

Furilla, R. A. and D. R. Jones. 1987. The relationship between dive and pre-dive heart rates in restrained and free dives by diving ducks. J. Exp. Biol. 127:333-348. *Physiology; diving*

Furniss, O. C. 1935. The sex ratios in ducks. Wilson Bull. 47:277-278. *sex ratio*

Furniss, O. C. 1938. The 1937 waterfowl season in the Prince Albert district, central Saskatchewan. Wilson Bull. 50:17-27. *harvest, hunting, Saskatchewan*

Gabrielson, I. N., and S. G. Jewett. 1970. Birds of the Pacific Northwest. Dover Publ., New York, NY. *distribution, historical, Oregon, migration [p. 139-143]*

Gabrielson, I. N., and F. C. Lincoln. 1940. Birds of Oregon. Oregon State Coll. [Dover reprint: Birds of the Pacific Northwest] *fauna guide, Oregon, historical, distribution, winter, nonbreeding, food habits*

Gabrielson, I. N., and F. C. Lincoln. 1959. Birds of Alaska. Stackpole Co., Harrisburg, Pa., and Wildl. Manage. Inst., Washington, D.C. 922pp. *distribution, Alaska, arctic, plumage, molt, breeding, brood, chronology, postbreeding, winter [p. 186-188]*

Gajadhar, A. A., R. J. Cawthorne, G. A. Wobeser, and P. H. G. Stockdale. 1983. Prevalence of renal coccidia in wild waterfowl in Saskatchewan. Can. J. Zool. 61:2631-2633. *Parasitology; Saskatchewan*

- Gale, W. F. 1975. Bottom fauna of a segment of Pool 19, Mississippi River, near Fort Madison, Iowa, 1967-1968. Iowa State J. Res. 49(4, Pt. 1):353-372. *Feeding ecology; Invertebrates; Habitat; food supply; Mississippi River*
- Gale, W. F. 1973. Predation and parasitism as factors affecting *Sphaerium transversum* (Say) populations in Pool 19, Mississippi River. Res. Pop. Ecol. 14:169-187. *Feeding ecology; food supply; Invertebrate; Mississippi River, parasitology*
- 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. Wilson Bull. 102:672-683. *behavior, body condition, lipids, protein, nutrient reserves, food habits, migration, spring, Klamath Basin. California*
- Gammonley, J. H., and L. H. Fredrickson. 1998. Breeding duck populations and productivity on montane wetlands in Arizona. Southwest. Nat. 43:219-227. *breeding, montane wetland, Arizona*
- Gardarsson, A., and A. Einarsson. 2003. Resource limitation of diving ducks at Myvatn: Food limits production. Aquatic Ecology 38:285-295. *feeding ecology, food resources, Iceland, productivity, marila*
- Gardner, K. A. 1981. Birds of Oak Hammock Marsh Wildlife Management Area. Manitoba Dep. Nat. Resour., Winnipeg, MB. 172pp. *distribution, fauna guide, Manitoba, chronology, affinis, marila, migration*
- Garner, G. W., and P. E. Reynolds, eds. 1986. 1985 update report of baseline study of the fish, wildlife and their habitats. U.S. Wildl. Serv., Anchorage, AK. *distribution, breeding, nonbreeding, arctic coastal plain, Alaska*
- Gates, C.E. 1973. Evaluation of the spring breeding duck population survey conducted by the Bureau of Sports Fisheries and Wildlife. In D.C. Bowden. Review and evaluation of the May Waterfowl Breeding Ground Survey. Bur. Sports Fish. Wildl. Unpubl. rep. *breeding survey, survey technique*
- Gauthier, J., and Y. Aubry. 1994? The breeding birds of Quebec: atlas of the breeding birds of southern Quebec. Association québécoise des groupes d'ornithologues, Prov. Québec Soc. Prot. Birds, Can. Wildl. Serv. *distribution, Quebec, breeding*
- Gazda, R. J. 1994. Duck productivity and nest predation in southeastern Idaho. M.S. Thesis, University of Montana, Missoula. *Idaho, nesting, predation*
- Gebauer, M. B., R. Z. Dobos, and D. V. Weseloh. 1993. Historical review of water bird populations and annotated list of water birds associated with Burlington Bay, Lake Ontario, 1857-1990. Can. Wildl. Serv. Occas. Pap. No. 78. 44pp. *distribution, Ontario, Great Lakes, winter, migration*
- Gehrman, K. H. 1951. An ecological study of the lesser scaup duck (*Aythya affinis* Eyton) at West Medical Lake, Spokane County Washington. M.S. Thesis, State Coll. Washington, Pullman. 94pp. *breeding, nesting, behavior, Washington, territory, migration, chronology, sex ratio, courtship, weather, brood, harvest*
- Geis, A. D., and F. G. Cooch. 1972. Distribution of the duck harvest in Canada and the United States. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. 151. 11pp. *harvest, distribution, marila, affinis*
- Gerstenberger, S. L. 2004. Mercury concentrations in migratory waterfowl harvested from Southern Nevada Wildlife Management Areas, USA. Environmental Toxicology 19:35-44. *contaminants, heavy metals, mercury, fall migration, Nevada, marila, affinis*

- Gibson, D. D., T. G. Tobish, Jr., and M. E. Isleib. 1988. Alaska region. *Am. Birds* 42:474-476. *distribution, Alaska, spring migration*
- Gillham, E., and B. Gillham. 1996. Hybrid ducks. A contribution towards an inventory. Hythe Printers, Ltd., Hythe, Kent. *hybridization, affinis x ferina, collaris, fuligula, marila*
- Gillham, E., J. M. Harrison, and J. G. Harrison. 1964. A study of certain *Aythya* hybrids. *Wildfowl* 17:49-65. *hybridization*
- Gillespie, D. I., and S. P. Wetmore. 1974. Waterfowl surveys in Labrador-Ungava, 1970, 1971, 1972. Pages 8-18 *in* H. Boyd, ed. *Waterfowl studies*. Can. Wildl. Serv. Rep. Ser. No. 29. *distribution, breeding, Labrador, Quebec [Lake Plateau/Churchill Falls], Atlantic flyway*
- Giroux, J. F. 1979. A study of waterfowl nesting on artificial islands in southeastern Alberta. M.S. Thesis, Univ. Alberta, Edmonton. 98pp. *nesting; Habitat use, island; Habitat management; Interspecific Relations, Alberta*
- Giroux, J. F. 1981a. Ducks nesting in association with Canada Geese. *J. Wildl. Manage.* 45:778-782. *Interspecific relations; nesting; Alberta, island, impoundment, grassland*
- Giroux, J. F. 1981b. Ducks nesting on artificial islands during drought. *J. Wildl. Manage.* 45:783-786. *Habitat use; nesting; island; Habitat management; Alberta, drought*
- Giroux, J. F. 1981c. Interspecific Nest Parasitism by Redheads on Islands in Southeastern Alberta. *Can. J. Zool.* 59: 2053-2057. *nesting; island; Alberta, nest parasitism*
- Giroux, J. F. 1981d. Use of artificial islands by nesting waterfowl in southeastern Alberta. *J. Wildl. Manage.* 45:669-679. *nesting; island; Habitat management; Interspecific Relations, impoundment, grassland*
- Gjersing, F. M. 1971. A study of waterfowl production on two rest rotation grazing units in northcentral Montana. M.S. thesis, Montana State Univ., Bozeman. 42pp. *nesting, Montana, grassland, grazing*
- Gloutney, M. L., R. G. Clark, A. D. Afton, and G. J. Huff. 1993. Timing of nest searches for upland nesting waterfowl. *J. Wildl. Manage.* 57:597-601. *affinis, nesting, technique*
- Glover, Fred A. 1951. Spring waterfowl migration through Clay and Palo Alto Counties, Iowa. *Iowa State College J. Sci.* 25: 483-492,.
- Glover, F. A., R. C. Hanson, and A. P. Noltemeier. 1955. Waterfowl breeding ground survey in Quebec and Labrador. Pages 118-124 *in* *Waterfowl populations and breeding conditions, summer 1955*. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, Quebec, Labrador, boreal forest*
- Gochfeld, M., and J. Burger. 1987. Heavy metal concentrations in the liver of three duck species: influence of species and sex. *Environ. Pollut.* 45:1-15. *contaminants, heavy metals, New Jersey*
- Godfrey, W. E. 1950. Birds of the Cypress Hills and Flotten Lake regions, Saskatchewan. *Can. Dep. Resour. Dev., Natl. Parks Branch, Natl. Mus. Canada Bull. No. 120. Biol. Ser. No. 40.* 96pp. *distribution, Saskatchewan, grassland*
- Godfrey, W. E. 1966. The birds of Canada. *Natl. Mus. Canada Bull. No. 203, Biol. Ser. No. 73.* 428pp. *fauna*

guide, Canada, distribution

Godfrey, W. E. 1986. The birds of Canada. Rev. ed. Natl. Mus. Nat. Sci., Natl. Mus. Canada, Ottawa. 595pp. *fauna guide, Canada, distribution [p. 106]*

Goedbloed, J., and R. Sponselee. 1996. Lesser scaup in Zeeland in winter and spring 1994/95. [Kleine topper in Zeeland in winter en voorjaar 1994/95]. Dutch Birding 18(2):63-69. *distribution, Europe, Netherlands, species identification, taxonomy*

Gollop, J. B. 1952. Waterfowl breeding ground survey in Saskatchewan: Kindersley-Eston study area. Pages 41-51 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, Saskatchewan, prairie potholes, brood (count)*

Gollop, J. B. 1953. Waterfowl breeding ground survey in Saskatchewan - 1953. Special study area - Kindersley-Eston. Pages 65-73 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Saskatchewan,*

Gollop, J. B., J. J. Lynch, and W. Hyska. 1952. Waterfowl breeding ground survey in Saskatchewan. Pages 33-40 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, Saskatchewan, prairie potholes*

Gollop, M. A. and Davis, R. A. 1974a. Autumn bird migration along the Yukon Arctic coast, July, August, September 1972. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser. 13:83-162. *Yukon, arctic coast, fall migration, Alaska*

Gollop, M. A. and Davis, R. A. 1974b. Studies of bird populations and productivity on lakes on the Yukon North Slope, July, 1972. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser. 12:1-35. *Disturbance; habitat disturbances; Pipeline; Yukon; Breeding*

Gollop, M. A., Davis, R. A., Prevett, J. P. and Felske, B. E. 1974. Disturbance studies of terrestrial breeding bird populations: Firth River, Yukon Territory, June, 1972. Canadian Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser. 14:96-152. *Disturbance; Habitat disturbance; breeding biology; Aythya spp; marila, affinis, ; Yukon*

Gollop, M. A., J. R. Goldsberry, and R. A. Davis. 1974. Aircraft disturbance to moulting sea ducks, Herschel Island, Yukon Territory, August, 1972. Canadian Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser. 14:202-231. *aircraft disturbances; affinis; marila; ; behavior; Stress; Molt; postbreeding, Yukon*

Gollop, M. A., J. R. Goldsberry, and R. A. Davis. 1974. Effects of gas compressor noise simulator disturbance to terrestrial breeding birds, Babbage River, Yukon Territory, June, 1972. Canadian Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser. 14:49-96. *habitat disturbance; disturbance (noise); Breeding; affinis; marila, Yukon*

Goodman, A. S. 1967. Evaluation of the waterfowl production capability in the Saskatchewan River Delta.. Section II *in* H. J. Dirschl, A. S. Goodman, and M. C. Dennington. Land capability for wildlife production and utilization in the western Saskatchewan River Delta.. Report presented to Saskatchewan River Delta Development Committee, May 1967. *breeding, brood, nesting, production, Saskatchewan, habitat*

Goodman, A. S. 1974. The influence of habitat on lesser scaup, ring-necked duck and blue-winged teal populations in the Saskatchewan River Delta. M.S. Thesis, Univ. Saskatchewan, Saskatoon. 233pp. *breeding,*

Saskatchewan River, habitat use

Goodman, D. C. 1954. Functional anatomy of the feeding apparatus in waterfowl (Aves: Anatidae). Ph.D. diss., Univ. Illinois, Urbana. 253pp. *feeding ecology, morphology, skull size*

Goodman, D. C., and H. I. Fisher. 1962. Functional anatomy of the feeding apparatus in waterfowl. Aves: Anatidae. Southern Illinois Univ. Press, Carbondale. 193pp. *feeding ecology, morphology [p. 29-30], skull size*

Goodrich, A. L. 1946. Birds in Kansas. Rep. of the Kansas Board of Agric., June 1945. Vol. 64, No. 267. Topeka, KS. *migration, distribution, Kansas*

Goodwin, A. B. 1956. Wildlife restoration and management planning: Migratory Waterfowl Division. Waterfowl production in forested areas. Pt. 1. A study of ring-necked duck nesting in the pothole region of Mahan County, Minnesota. Minn. Div. Game and Fish 16(3):119-123. *breeding, Minnesota, parkland*

Goodwin, T. M. 1979. Waterfowl management practices employed in Florida and their effectiveness on native and migratory waterfowl populations. Florida Scientist 42(3):123-129. *Habitat management; population change; Florida*

Gordon, D. H., B. T. Gray, R. D. Perry, M. B. Prevost, T. H. Strange, and R. K. Williams. 1989. South Atlantic coastal wetlands. Pages 57-92 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. Habitat management for migrating and wintering waterfowl in North America. Texas Tech Univ. Press, Lubbock. *habitat use, winter, migration, estuarine, review, Atlantic flyway*

Gower, W. C. 1937. Studies on the trematode parasites of ducks in Michigan, with special reference to the mallard. Ph.D. diss., Michigan State Univ., East Lansing. 94pp. *parasite, Michigan, migration*

Gower, W. C. 1938. Studies on the trematode parasites of ducks in Michigan, with special reference to the mallard. Mich. Ag. Exp. Stat., East Lansing. Memoir No. 3. 94pp. *parasite, Michigan, migration*

Graber, R. A., and J. W. Graber. 1963. A comparative study of bird populations in Illinois, 1906-1909 and 1956-1958. Ill. Nat. Hist. Surv. Bull. 28(3):383-528. *summer incidental record; rare, distribution*

Grace, J. W. 1980. Cleptoparasitism by ring-billed gulls of wintering waterfowl. Wilson Bull. 92:246-248. *behavior; Interspecific relations; Texas*

Graham, L. C. 1966. The ecology of helminths in breeding populations of lesser scaup (*Aythya affinis* Eyton) and ruddy ducks (*Oxyura jamaicensis* Gmelin). M.S. Thesis, Univ. Alberta, Edmonton. 90pp. *parasitology*

Grand, J. B. 1995. Nesting success of ducks on the Central Yukon Flats, Alaska. Can. J. Zool. 73:260-265. *nesting (nest success), Alaska*

Grant, C. V. 1986. Wildlife distribution and abundance on the Utah Oil Shale tracts, 1975-1984. Great Basin Nat. 46:469-507. *migration, distribution, Utah*

Green, J. C., and R. B. Janssen. 1975. Minnesota birds: where, when and how many. Univ. Minnesota Press, Minneapolis. 217pp. *distribution, Minnesota, population*

Greenwood, R. J. 1977. Evaluation of a nasal marker for ducks. J. Wildl. Manage. 41:582-585. *Marking technique*

- Gregg, H. R. 1938. Birds of Rocky Mountain National Park. Publ. 4, Rocky Mt. Nature Assoc., Estes Park, CO. 80pp. *distribution, Colorado, historical, migration*
- Grenfall, W. E. 1978. Summary of the foods eaten by canvas-backs, lesser scaup, and ruddy ducks collected at Dune Lakes, San Luis County, California. Unpubl. data with cover letter. Calif. Dep. Fish Game, Sacramento. 9pp. *food habits, California, migration*
- Grice, D. 1952. Massachusetts waterfowl survey. Mass. Div. Fisheries and Game. 24pp. Proj. No.: MASS. W-004-R-10 /FIN. *distribution, survey*
- Grieb, J. R., H. M. Boeker, J. R. Tester, E. L. Boeker, and L. G. Frary. 1953. Waterfowl breeding ground survey in Colorado, 1953. Pages 173-182 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Colorado, brood (count, size)*
- Grieb, J. R., and R. L. Kirkman. 1955. Waterfowl breeding ground survey in Colorado, 1955. Pages 176-179 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, Colorado*
- Grieb, J. R., J. H. Wampole, H. M. Boeker, J. R. Tester, L. G. Frary, and E. L. Boeker. 1952. Waterfowl breeding ground survey in Colorado. Pages 171-184 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding, brood (count, size), Colorado*
- Grinnell, J. 1909. A collection of bird from forty-mile, Yukon Territory, Canada. Condor 11:202-207. *distribution, pair, boreal forest, Yukon*
- Grinnell, J. 1909. Birds and mammals of the 1907 Alexander Expedition to southeastern Alaska. Univ. California Publ. Zool. 5(2):171-264. *distribution, Alaska, historical, breeding, Glacier Bay*
- Grinnell, J., H.C. Bryant, and T.I. Storer. 1918. The game birds of California. Univ. Press, Berkeley, CA. 642pp. *hunting, behavior, distribution, winter*
- Griscom, L. 1920. Notes on the winter birds of San Antonio, Texas. Auk 37:49-55. *fauna list, historical, distribution, Texas, migrant, winter*
- Griscom, L. 1923. Field studies of the Anatidae of the Atlantic Coast. Auk 40:69-79. *fauna list, Atlantic flyway, distribution*
- Griscom, L., and M. S. Crosby. 1925. Birds of the Brownsville Region, southern Texas. Auk 42:432-440; 519-537, ... *distribution, Texas, winter*
- Grubb, M. M. 1973. Seasonal population levels, breeding and hunting of waterfowl on the New River, Virginia. M.S. thesis, Virginia Polytechnic Institute. 63pp. *hunting, harvest, winter, population, Virginia*
- 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. *feeding ecology, St. Lawrence River, fall migration, Quebec*
- Gulka, C. M., T. H. Piela, V. J. Yates, and C. Bagshaw. 1984. Evidence of exposure of waterfowl and other aquatic birds to the hemagglutinating duck adenovirus identical to EDS-76 virus. J. Wildl. Dis. 20:1-5. *disease*

- Gunn, W. W. H., and J. A. Livingston. 1974. Bird distribution and populations ascertained through ground survey techniques, 1972. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., vol. 12. 384pp. *Fauna guide; Yukon; Alberta; Alaska; Habitat; Population; affinis; marila; Population, distribution*
- Gunn, W. W. H. and J. A. Livingston. 1974. Bird migrations on the North Slope and in the Mackenzie Valley regions, 1972. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 13. 169pp. *Fauna guide; Population; Mackenzie territory; affinis; marila; migration*
- Gunn, W. W. H. and J. A. Livingston. 1974. Disturbance to birds by gas compressor noise simulators, aircraft and human activity in the Mackenzie Valley and the North Slope, 1972. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 14. 324pp. *disturbances; Yukon; Mackenzie territory; marila; affinis*
- Gunn, W. W. H., W. J. Richardson, R. E. Schweinsburg, and T. H. Wright. 1974. Ornithological studies in the Mackenzie Valley, 1973. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 28. 327pp. *Disturbances; Mackenzie territory; affinis; marila, Population, distribution*
- Gunn, W. W. H., W. J. Richardson, R. E. Schweinsburg, and T. H. Wright, 1974. Studies on terrestrial bird populations, moulting sea ducks and bird productivity in the western Arctic, 1973. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 29. 352pp. *Fauna guide; Population; Yukon; Alaska; marila; affinis; molt, productivity, breeding*
- Gunn, W. W. H., R. E. Schweinsburg, C. E. Tull, and T. D. Wright. 1975. Ornithological studies conducted in the area of the proposed gas pipeline route: Alberta, Saskatchewan and British Columbia, 1974. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 31. 225pp. *Fauna survey; Disturbances; marila; affinis; Alberta, Saskatchewan, British Columbia*
- Gunn, W. W. H., R. E. Schweinsburg, C. E. Tull, and T. D. Wright. 1975. Ornithological studies conducted in the area of the proposed gas pipeline route: Northwest Territories, Yukon Territory and Alaska, 1974. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 30. 324pp. *Fauna survey; Disturbed; Population; marila; affinis; Yukon, Northwest Territories, Alaska*
- Gunn, W. W. H., C. E. Tull, and T. D. Wright. 1977. Ornithological studies conducted in the area of the proposed gas pipeline route: Northern Alberta, Northwest Territories, Yukon Territory and Alaska, 1975. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 35. 389pp. *disturbances; Fauna guide; Population; affinis; marila*
- Guth, B. D., H. D. Blankespoor, R. L. Reimink, and W. C. Johnson. 1979. Prevalence of dermatitis-producing schistosomes in natural bird populations of Michigan. Proc. Helminthological Soc. Washington. 46:58-63. *Disease; Parasitology, Michigan*
- Hair, J. D. 1975. The structure of the intestinal helminth communities of lesser scaup (*Aythya affinis*). Ph.D. diss., Univ. Alberta, Edmonton. 92pp. *parasitology, community structure*
- Hair, J. D., and J. C. Holmes. 1975. The usefulness of measures of diversity: niche width and niche overlap in the analysis of helminth communities in waterfowl. Acta Parasitologica Polonica 23(12-25):253-269. *Parasitology*
- Halford, D. K., and O. D. Markham. 1984. Iodine-129 in waterfowl muscle from a radioactive leaching pond

- complex in southeastern Idaho. *Health Physics* 46:1259-1264. *radioactivity; Food chain; contaminant*
- Halford, D. K., O. D. Markham, and R. L. Dickson. 1982. Radiation doses to waterfowl using a liquid radioactive waste disposal area. *J. Wildl. Manage.* 46:905-914. *contaminant; Radioactivity; Idaho*
- Halford, D. K., J. B. Millard, and O. D. Markham. 1981. Radionuclide concentrations in waterfowl using a liquid radioactive waste disposal area, and the potential radiation dose to man. *Health Physics* 40:173-182. *contaminant; Radioactivity; Food chain; Disease; Idaho*
- Hall, G. E. 1972. A summary of observations of birds at Oliktok Point--summer 1971. Pages 245-274 *in* P.J. Kinney, et al, eds. Baseline data study of the Alaska arctic aquatic environment. Inst. Marine Sci., Univ. Alaska, Rep. R72-3. *distribution, Alaska, North Slope*
- Hall, S. L., and F. M. Fisher, Jr. 1985. Heavy metal concentrations of duck tissues in relation to ingestion of spent shot. *Bull. Environ. Contam. Toxicol.* 35:163-172. *affinis; Diseases, lead poisoning; Lead shot; Texas*
- Halsey, L. G., T. M. Blackburn, and P. J. Butler. 2006. A comparative analysis of the diving behaviour of birds and mammals. *Functional Ecology* 20:889-899. *diving, locomotion, physiology, review*
- Hamilton, D. J. 1992. The relationship between two predator groups, diving ducks and fish, and a novel prey item, the zebra mussel (*Dreissena polymorpha*), in Lake Erie at Point Pelee, Ontario. M.S. Thesis, Univ. Western Ontario, London. 129pp. *feeding ecology, winter, zebra mussel*
- Hamilton, D. J., and C. D. Ankney. 1994. Consumption of zebra mussels *Dreissena polymorpha* by diving ducks in Lake Erie and St. Clair. *Wildfowl* 45:159-166. *feeding ecology, Great Lakes, zebra mussel*
- Hamilton, D. J., C. D. Ankney, and R. C. Bailey. 1994. Predation of zebra mussels by diving ducks: an enclosure study. *Ecology* 75:521-531. *feeding ecology, zebra mussel, winter*
- Hammell, G. S. 1973. The ecology of the lesser scaup (*Aythya affinis* Eyton) in southwestern Manitoba. M.S. Thesis, Univ. Guelph, Ont. 156pp. *breeding biology, Manitoba, nesting, behavior*
- Hammond, M. L., and G. E. Mann. 1956. Waterfowl nesting islands. *J. Wildl. Manage.* 20:345-352. *nesting, island, Manitoba*
- Hampton, S., R. G. Ford, H. R. Carter, C. Abraham, and D. Humple, 2003. Chronic oiling and seabird mortality from the sunken vessel S.S. Jacob Luckenbach in Central California. *Marine Ornithology* 31:35-41. *pollution, oil, mortality, California*
- Handley, D. E. 1958. Ohio waterfowl investigations.: waterfowl band recoveries for Ohio 1939-1956. Ohio Div. Wildlife. 94pp. Proj. No.: OHIO W-070-R-06/WK.PL.01/JOB 04/FIN. *banding data, Ohio*
- Hansel-Welch, N., M. G. Butler, T. J. Carlson, and M. A. Hanson. 2003. Changes in macrophyte community structure in Lake Christina (Minnesota), a large shallow lake, following biomanipulation. *Aquatic Botany* 75:323-337. *aquatic macrophyte, marila, affinis, migration, habitat management, limnology, habitat use*
- Hansen, H. A. 1955. Waterfowl breeding ground survey in Alaska, 1955. Pages 1-9 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 30. *brood (count, size), survey, breeding population, distribution, Alaska, Pacific Flyway*

- Hansen, H. A. 1956. Alaska Pacific flyway report. *In* J. Chattin, ed. Pacific Waterfowl Flyway rep. 34. *chronology, spring migration [cited in Bellrose 1980]*
- Hanson, H. C., M. Rogers, and E. S. Rogers. 1949. Waterfowl of the forested portions of the Canadian Pre-Cambrian Shield and the Palaeozoic Basin. *Can. Field-Nat.* 63:183-204. *distribution, breeding, boreal forest, [660:p. 198, 200], Ontario*
- Hanson, M. A., and M. G. Butler. 1994. Responses to food web manipulation in a shallow water lake. *Hydrobiologia* 279/280:457-466. *feeding ecology, Minnesota, Lake Christina, migration*
- Harlow, R. C. 1918. Notes on the breeding birds of Pennsylvania and New Jersey. *Auk* 35:18-29. *distribution, summer [NONbreeding]*
- Harlow, R. F. 1960. Ocala deer investigation: population and habitat studies. Fla. Game and Fresh Water Fish Comm. 6pp. Proj. No.: FLA. W-032-R-09/WK.PL.02/JOB A/AP. *winter, distribution, population, Florida*
- Harmon, B. G. 1962. Mollusks as food of lesser scaup along the Louisiana coast. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 27:132-138. *Winter, food Habits; Mollusks; Louisiana, body weight*
- Harrison, C. 1978. A field guide to the nests, eggs, and nestlings of North American birds. Collins, New York, NY. 416pp. *fauna guide, egg, nest, duckling*
- Harrison, C. 1982. An atlas of the birds of the western Palaearctic. Princeton Univ. Press, Princeton, NJ. 322pp. *distribution; Europe; Middle asia; Africa*
- Harrison, H. H. 1979. A field guide to western birds' nests of 520 species found breeding in the United States west of the Mississippi River. Houghton Mifflin Co., Boston, MA. 279pp. *egg, nest, fauna guide*
- Harrison, K., and S. Petch. 1993. Scaup survey in North Canterbury. *Ornithol. Soc. New Zealand News* 69:9-10. *New Zealand, distribution, winter*
- Harrop, A. H. J. 1998. Female *Aythya* hybrid resembling lesser scaup. *Br. Birds* 91:195-196. *identification, hybrid (unkn parentage)*
- Hartman, F. 1982. Atlantic flyway waterfowl banding. *North American Bird Bander* 7:152-153. *banding, affinis, marila, Atlantic Flyway, post-season*
- Harvey-Clark, C. 1991. Creatine kinase elevation in greater and lesser scaups (*Aythya marila*, *Aythya affinis*) during a marine fuel spill. *Wildl. J.* 14(2):3-6. *marila, affinis, contaminants, physiology*
- Haukos, D. A., J. E. Neaville, and J. E. Myers. 2001. Body condition of waterfowl harvested on the Upper Gulf Coast of Texas, 1986-2000. U.S. Fish and Wildlife Service, Lubbock, Texas. 26pp + ill. *Winter, body condition, morphology, body mass, Texas, climate*
- Havens, K. A., and D. E. Gawlik. 2005. Lake Okeechobee conceptual ecological model. *Wetlands* 25:908-925. *shallow lake, littoral zone, wetland, water level, nutrient loading, conceptual model*
- Havera, S.P. 1992. Waterfowl of Illinois: Status and Management. Food Habits. Ill. Nat. Hist. Surv. Proj. No. IL W-110-R-2. Final Report. 183pp. *food habits, winter, Illinois, Illinois River, Mississippi River, Kaskaskia River, Big Muddy River, Sangchris Lake, Mermet Lake*

- Havera, S.P. 1999a. An abbreviated field guide: waterfowl of Illinois. Ill. Nat. Hist. Surv., Champaign, IL. Manual 7. Illinois Natural History Survey, Champaign, IL, USA. *field guide, Illinois, fall migration*
- Havera, S.P. 1999b. Waterfowl of Illinois: Status and Management. Ill. Nat. Hist. Surv. Spec. Publ. 21. Illinois Natural History Survey, Champaign, IL, USA. Champaign, IL. 628pp. *food habits, migration, chronology, population, winter, distribution, breeding, Illinois, Illinois River, Mississippi River, harvest, banding, habitat management*
- Havera, S. D., L. R. Boens, M. M. Georgi, and R. T. Shealy. 1992. Human disturbance of waterfowl on Keokuk Pool, Mississippi River. Wildl. Soc. Bull. 20:290-298. *disturbance, Mississippi River, migration*
- Havera, S. P., R. M. Whitton, and R. T. Shealy. 1992b. Blood lead and ingested and embedded shot in diving ducks during spring. J. Wildl. Manage. 56:539-545. *lead poisoning, spring, migration, Mississippi River*
- Hawkings, J. 1987. Population status of migratory waterbirds on the Yukon coastal plain and adjacent MacKenzie Delta. Can. Wildl. Serv. Tech. Rep. Ser. No. 28. *Yukon, arctic coastal plain, migration*
- Hawkins, A. S., F. C. Bellrose, Jr., and H. G. Anderson. 1939. The waterfowl research program in Illinois. Ill. Nat. Hist. Surv. Biol. Notes 12. 16 pp. *research, Illinois, migration*
- Hawkins, A. S. 1953. Waterfowl breeding ground survey in Manitoba. Pages 74-80 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Manitoba*
- Hawkins, A. S. 1964. Mississippi flyway. Pages 185-207 *in* J. P. Linduska, ed. Waterfowl tomorrow. U.S. Dep. Int. Bur. Sport Fish. Wildl., Washington, D.C. *distribution, Mississippi flyway, winter, Louisiana, population*
- Hawkins, A. S., and F. C. Bellrose. 1939. The duck flight and kill along the Illinois River during the fall of 1938. Am. Wildl., Jul-Aug 1939, pp. 178-186. *Illinois River, harvest, hunting*
- Hawkins, A. S., F. C. Bellrose, Jr., and H. G. Anderson. 1939. The waterfowl research program in Illinois. Ill. Nat. Hist. Surv. Biol. Notes 12. 16pp. *Illinois, Mississippi river, Illinois River, research*
- Hayward, C. L., C. Cottam, A. M. Woodbury, and H. H. Frost. 1976. Birds of Utah. Great Basin Nat. Mem. No. 1. 229pp. *fauna guide, Utah, distribution, migration [p. 56]*
- Heglund, P. J. 1992. Patterns of wetland use among aquatic birds in the interior boreal forest region of Alaska. Ph.D. diss., Univ. Missouri, Columbia. 421pp. *breeding, brood, habitat use, limnology, wetland, Alaska*
- 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 Contaminants and Toxicology DOI 10.1007/s00244-008-9160-3. *contaminant, embryo, reproduction, mortality, physiology*
- Heitmeyer, M. E., D. P. Connelly, and R. L. Pederson. 1989. The Central, Imperial, and Coachella Valleys of California. Pages 475-505 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. Habitat management for migrating and wintering waterfowl in North America. Texas Tech Univ. Press, Lubbock. *habitat use, winter, migration, California, Pacific flyway, review*

- Hennan, E. G. 1969. A comparison of duck nesting habitats at Waterhen Marsh, Saskatchewan. Seminar Dec., 1969, Univ. Guelph, Guelph, Ontario. 26pp. [cited in Hammond 1973:73, 74] *habitat use, nesting*
- Henny, C. J., D. R. Anderson, and R. S. Pospahala. 1972. Aerial surveys of waterfowl production in North America, 1955-71. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 160. 48pp. *Productivity; populations, survey*
- Henshaw, H. W. 1875. Report upon the ornithological collections made in portions of Nevada, Utah, California, Colorado, New Mexico, and Arizona, during the years, 1871, 1872, 1873, and 1874. Chapter 3. Pages 131-508, 977-989 in Vol. 5 (Zoology) *in* Report upon geographical and geological explorations and surveys west of the one-hundredth meridian in charge of the First Lieut. Geo. M. Wheeler, Corps of Engineers, U.S. Army, under the direction of Brig. Gen. A. A. Humphreys, Chief of Engineers, U.S. Army. *distribution, historical, Central flyway, Pacific flyway*
- Herman, C.M. 1951. Blood parasites from California ducks and geese. J. Parasitol. 37:280-282. *parasitology, California*
- Herring, G. 2003. Assessing nutrient reserves and local population dynamics of wintering lesser scaup in east-central Florida. M.S. thesis, North Carolina State University. *Body condition, body mass, nutrient reserves, lipids, winter ecology, survival, habitat use*
- Herring, G., and J. A. Collazo. 2004. Winter survival of lesser scaup in east-central Florida. Journal of Wildlife Management 68:1082-1087. *survival, winter, Florida, mortality, movement*
- Herring, G. J. Collazo, and M. Epstein. 2002. Diel foraging and site fidelity of lesser scaup on the most significant wintering grounds along the Atlantic Flyway; The Indian River Lagoon System. *In* Proceedings Third Biennial Mosquito Lagoon Conference. US Fish and Wildlife Service and National Park Service. August 6th and 7th, 2002, Titusville, FL. *Habitat use, feeding ecology, time budget, winter ecology, Florida*
- Hersey, L. J., and R. B. Rockwell. 1909. An annotated list of the birds of the Barr Lake district, Adams County, Colorado. Condor 11:109-122. *distribution, Colorado, historical*
- Heslith, R., and S. Cooper. 1991. Lesser scaup in Dumfries and Galloway. Birding World 4:???. *distribution, sighting, UK*
- Hickey, J. J. 1943. A guide to bird watching. Oxford Univ. Press, New York, NY. *migration, New York, behavior*
- Higgins, K. F. 1977. Duck nesting in intensively farmed areas of North Dakota. J. Wildl. Manage. 41:232-241. *nesting, agriculture, North Dakota, grassland, prairie potholes*
- Higgins, K. F., L. M. Kirsch, A. T. Klett, and H. W. Miller. 1992. Waterfowl production on the Woodworth Station in south-central North Dakota, 1965-1981. U.S. Fish Wildl. Serv. Resour. Publ. 180. 79pp. *North Dakota, prairie potholes, breeding population, habitat use, nesting chronology, nest site, nest success, production, brood (size, count)*
- Hindman, L. J. 1978a. Survey of waterfowl populations on state wildlife management areas. Maryland Wildl. Admin., Fed. Aid in Fish Wildl. Restor. Prog. Rep., Proj. W-45-R-10, Job No. I-1, Annapolis. 24pp. *distribution, winter, survey, Maryland*

- Hindman, L. J., and V. D. Stotts. 1989. Chesapeake Bay and North Carolina Sounds. Pages 27-55 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. Habitat management for migrating and wintering waterfowl in North America. Texas Tech Univ. Press, Lubbock. *habitat use, winter, migration, chronology, estuarine, Atlantic flyway, review*
- Hine, C. S., S. P. Havera, R. M. Whitton, and J. R. Serie. 1996. Fall and spring body weights and condition indices of ducks in Illinois. Transactions of the Illinois State Academy of Science. 89(3/4):197-213. *body condition, body mass, lipid, fall migration, spring migration, Illinois*
- Hines, J. E. 1977. Nesting and brood ecology of lesser scaup at Waterhen Marsh, Saskatchewan. Can. Field-Nat. 91:248-255. *Habitat; nesting, breeding, Interspecific relations; brood parasitism; broods; behavior; Predators*
- Hines, J., B. Fournier and J. O'Neill. 2004. Spring and fall distribution of waterfowl and other aquatic birds on the mainland of the Inuvialuit Settlement Region, western Canadian Arctic, 1990-1998. Canadian Wildlife Service, Technical Report Series 426. Canadian Wildlife Service, Yellowknife, Northwest Territories, Canada.
- Hines, J. E., and G. J. Mitchell. 1984. Parasitic laying in nests of gadwalls. Can. J. Zool. 62:627-630. *nesting; brood parasitism; Saskatchewan*
- Hinshaw, V. S., R. G. Webster, and B. Turner. 1978. Novel influenza-A viruses isolated from Canadian feral ducks: including strains antigenically related to swine influenza (HSW1N1) viruses. J. Gen. Virolog. 41:115-128. *disease; Alberta*
- Hinshaw, V. S., R. G. Webster, and B. Turner. 1980. The perpetuation of orthomyxoviruses and paramyxoviruses in Canadian waterfowl. Can. J. Microbiol. 26:622-629. *Disease; Alberta*
- Hinz, T. C. 1988. An evaluation of duck nesting at Big Lake, Stillwater County, Montana. Page 110-111 *in* M. A. Johnson, ed. Proc. Mallard Symp., Bismarck, North Dakota, 1985. [abstract & tables] *Breeding population; Productivity; Montana; nesting*
- Hjelle, B. V. 1952. Waterfowl breeding ground survey in North Dakota. Pages 192-196 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, North Dakota, prairie potholes*
- Hobaugh, W. C., and J. G. Teer. 1981. Waterfowl use characteristics of flood-prevention lakes in north-central Texas. J. Wildl. Manage. 45:16-26. *Impoundments; Water levels; habitat; winter, Texas*
- Hochbaum, G. S. 1983. Waterfowl of the prairie provinces and Northwest Territories: populations, habitat, and management. Proc. West. Hemisp. Waterfowl Waterbird Symp. 1:34-36. *Breeding; Habitat; prairie potholes; Northwest territories, population*
- Hochbaum, G. S., and C. J. Walters. 1984. Components of hunting mortality in ducks: a management analysis. Can. Wildl. Serv. Occas. Pap. 52. 29pp. *harvesting, hunting, mortality, regulations, Delta Marsh*
- Hochbaum, H. A. 1944a. The canvasback on a prairie marsh. Stackpole Books, Harrisburg, PA and The Wildlife Management Institute, Washington, D.C. *pair bond, behavior, chronology, breeding, Manitoba, Delta Marsh, duckling, nesting, home range*
- Hochbaum, H. A. 1944b. Strange actions of a migrating flight of lesser scaups. Flicker 16:77-79. *Flight*

Behavior; radar

Hochbaum, H. A. 1955. Travels and traditions of waterfowl. Univ. Minnesota Press, Minneapolis. 301pp. *migration, chronology, weather, age ratio (harvest)*

Hoeve, J., and M. E. Scott. 1988. Ecological studies on *Cyathocotyle bushiensis* (Digenea) and *Sphaeridiotrema globulus* (Digenea), possible pathogens of dabbling ducks in southern Quebec. J. Wildl. Dis. 24:407-421. *parasitology, affinis, , Quebec*

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. *contaminants, heavy metals, mercury, selenium, San Francisco Bay, California, physiology*

Hohman, W. L., C. D. Ankney, and D. H. Gordon. 1992. Ecology and management of postbreeding waterfowl. Pages 128-189 *in* B. D. J. Batt, A. D. Afton, M. G. Anderson, C. D. Ankney, D. H. Johnson, J. A. Kadlec, and G. L. Krapu, eds. Ecology and management of breeding waterfowl. Univ. Minnesota Press, Minneapolis. *postbreeding, molt, habitat use, review*

Holian, J. J., and J. E. Forley. 1992. Lesser scaup: new to the western Palearctic. Br. Birds 85:370-376. *distribution, Europe*

Holland, M. M. 1997. Characteristics of wetlands used by breeding diving ducks in eastern South Dakota. M.S. thesis, South Dakota State Univ., Brookings. 93pp. *spring migration, chronology, breeding, South Dakota, survey, habitat use, prairie potholes*

Hollister, N. 1919. The systematic position of the ring-necked duck. Auk 36:460-463. *taxonomy, systematics, historical*

Hollister, N. 1920. Relative abundance of wild ducks at Delevan, Wisconsin. Auk 37:367-371. *distribution, harvest, Wisconsin, migration*

Holm, J. W. 1984. Nest success and cover relationships of upland-nesting ducks in northcentral Montana. M.S. thesis, Univ. Montana. 35pp. *nesting, habitat*

Holm, E. R., and R. V. Bauer. 1953. Waterfowl production research: Potentialities of certain species of waterfowl for mass productions. N.Y. State Div. Fish and Game. 58pp. Proj. No.: N.Y. W-068-R-01 /FIN. *New York, production*

Hoppe, R. T., L. M. Smith, and D. B. Wester. 1986. Foods of wintering diving ducks in South Carolina. J. Field Ornithol. 57:126-134. *Food Habits, winter, South Carolina*

Hopper, R. M. 1972. Waterfowl use in relation to size and cost of potholes. J. Wildl. Manage. 36:459-468. *Water supply; Habitat management; prairie potholes; economics*

Hooper, D. C. 1951. Waterfowl nesting at Minto Lakes. Proc. Alaskan Sci. Conf. Alas. Dep. Fish and Game 2:318-321. *breeding, nesting, Alaska*

Hopper, R.M. 1936. Waterfowl use in relation to size and cost of potholes. Colo. Div. Wildlife APR 36(2):459-468. *breeding, habitat use, prairie-potholes*

- Hothem, R. L., D. G. Lonzarich, J. E. Takekawa, and H. M. Ohlendorf. 1998. Contaminants in wintering canvasbacks and scaups from San Francisco Bay, California. *Environ. Monit. Assess.* 50:67-84. *contaminants, pesticide, winter, California*
- Houston, C. S., and M. G. Street. 1959. The birds of the Saskatchewan River: Carlton to Cumberland. *Sask. Nat. Hist. Soc. Spec. Publ. No. 2.* 205pp. *distribution, Saskatchewan, affinis, marila, migration, breeding, brood*
- Howard, J., G. Pospichal, and D. Reid. 1953. Waterfowl breeding ground survey on the Elkhorn area in southwestern Manitoba, 1953. Pages 86-93 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Manitoba, brood (count, size)*
- Howell, A. B. 1947. The foot action of swimming ducks. *Auk* 64:135-136. *locomotion, behavior*
- Howell, S. N. G., and S. Webb. 1995. A guide to the birds of Mexico and northern Central America. Oxford Univ. Press, New York, NY. *distribution, winter, Mexico, Central America*
- Hudson, P. J., and A. P. Dobson. 1988. The ecology and control of parasites in gamebird populations. Pages 98-133 *in* P. J. Hudson and M. R. W. Rands, eds. *Ecology and Management of Gamebirds.* Blackwell Sci. Publ., Professional Books, Oxford, England. *Parasitology*
- Hull, E. D. 1914. Notes on the habits of an oldsquaw (*Harelda hyemalis*) and two lesser scaup (*Aythya affinis*). *Auk* 31:244-245. *Illinois, winter, feeding ecology*
- Hull, E. D. 1915. Notes on the feeding of the mallard. *Auk* 32:96-97. *behavior, feeding ecology, Illinois, winter*
- Hunt, E. G., and W. Anderson. 1966. Renesting of ducks at Mountain Meadows, Lassen County, California. *Calif. Fish and Game* 52(1):17-27. *breeding, renesting, California, clutch size*
- Hunt, G. S. 1960. Lead poisoning among ducks wintering on the Lower Detroit River. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 25:162-170. *lead poisoning, mortality, winter, Michigan*
- Hunt, G.S. 1961. Waterfowl losses on the Lower Detroit River due to oil pollution. *Univ. Michigan Inst. Sci. Tech., Great Lakes Res. Div. Publ.* 9:29-49. *mortality, Detroit River, fall migration, oil, contaminant*
- Hunt, G.S., and A.B. Cowan. 1963. Causes of death of certain species of waterfowl for mass production. *New York Fish Game J.* 6:1-45. *mortality, New York*
- Hunt, G.S., and H.F. Ewing. 1953. Industrial pollution and Michigan waterfowl. *Trans. N. Am. Wildl. Conf.* 18:360-368. *contaminants, oil, Michigan*
- Hunt, G. S., and K. J. Dahlka. 1953. Live trapping of diving ducks. *J. Wildl. Manage.* 17:92-95. *capture technique, marila, affinis*
- Hunter, C., and D. M. Donaldson. 1956. Waterfowl management survey: Report on the inventory of refuges, public shooting grounds and private duck clubs. *Mississippi Flyway.* Ark. Game and Fish Commission. 7pp. Proj. No.: ARK. W-029-R-05 /SP2. *winter, Arkansas, hunting, refuge*
- Hurley, J. B. 1921. Annotated list of Yakima County Birds. *Murrelet* 2:14-16. *distribution, migration [rare], Washington*

- Hutchinson, A. E., and R. B. Owen. 1984. Bone marrow fat in waterfowl. *J. Wildl. Manage.* 48:585-591. *marila; affinis; lipids; Physiological Index*
- Hyde, R. K. 1958. Florida waterfowl band recoveries 1920-1957. Fla. Game and Fresh Water Fish Comm. 60pp. *banding data, Florida*
- Illinois Natural History Survey. 1985. Lead poisoning in Illinois waterfowl. Ill. Nat. Hist. Surv. Rep. No. 244. 2pp. *lead poisoning, Illinois*
- Imhof, T. A. 1976. Alabama birds. 2nd ed. Univ. Alabama Press, University. 445pp. *distribution, Alabama, fauna guide*
- Inigo, F. 1958. Puerto Rico waterfowl habitat, Zenaida dove investigations, and experimental bob-white quail introductions: Quarterly Progress Report. Puerto Rico Div. Fisheries and Wildlife JUL. 4pp. Proj. No.: P.R. W-008-R-02 /QU4. *Puerto Rico, introduction*
- Iowa Conservation Comm. 1970. Food and feeding habits of diving ducks: Ecology and harvest of diving ducks of the Keokuk Pool. Iowa State Conserv. Comm. 12pp. Proj. No.: Iowa W-108-R-03 /FIN. *food habits, feeding ecology, Keokuk Pool, Mississippi River, harvest*
- Irving, L. 1960. Birds of Anaktuvuk Pass, Kobuk, and Old Crow: a study in arctic adaptation. U.S. Natl. Mus. Bull. 217. Smithsonian Institute, Washington, D.C. 409pp. *distribution, fall migration, chronology*
- Isleib, M. E. P., and B. Kessel. 1973. Birds of the North Gulf Coast-Prince William Sound Region, Alaska. Univ. Alaska Biol. Pap. No. 14. 149pp. *distribution, Alaska, affinis (migrant), marila*
- Jackson, H. H. T. 1923. Notes on the summer birds of the Mamie Lake region, Wisconsin. *Auk* 40:478-489. *distribution, summer nonbreeding, Wisconsin, boreal forest*
- Jackson, H. H. T. 1942. The summer birds of northwestern Wisconsin. *Passenger Pigeon* 4:9-12, 37-39, 91-95. *distribution, summer, Wisconsin [cited in Faanes 1981]*
- Jahn, L. R. 1952. Wisconsin waterfowl breeding ground and production surveys. Pages 226-235 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, Wisconsin*
- Jahn, L. R., and R. A. Hunt. 1964. Duck and coot ecology and management in Wisconsin. Wisc. Dep. Nat. Resour. Tech. Bull. 33. 212pp. *Wisconsin; affinis: body weight [appendix 1], winter, historic breeding; marila/affinis: migration, chronology, disease, harvest*
- James, D. A., and J. C. Neal. 1986. Arkansas birds. Their distribution and abundance. Univ. Arkansas Press, Fayetteville. *distribution, migration, Arkansas, Mississippi flyway, Arkansas*
- James, R. D., J. A. Dick, S. V. Nash, M. K. Peck, and B. E. Tomlinson. 1983. Avian breeding and occurrence notes from the Sutton Ridges area of northeastern Ontario. *Can. Field-Nat.* 97:187-193. *affinis; Breeding population; Distribution, Ontario*
- James, R. D., P. L. McLaren, and J. C. Barlow. 1977. Annotated checklist of the birds of Ontario. Royal Ontario Mus. Life Sci. Misc. Publ. 75pp. *distribution, affinis, marila, Ontario*

- Janssen, R. B. 1987. Birds in Minnesota. Univ. Minnesota Press, Minneapolis. 352pp. *distribution, fauna guide, Minnesota, migration, breeding, Minnesota [p. 74]*
- Jaworski, E., and C. N. Raphael. 1978. Coastal wetlands value study in Michigan. Phase 1. Fish, wildlife, and recreational values of Michigan's coastal wetlands. Div. Land Resour. Prog., Mich. Dep. Nat. Resour., Lansing. 98pp. *distribution, migration, Great Lakes, Michigan, Mississippi flyway, habitat use [in Bookhout et al. 89]*
- Jeffrey, R. G. 1948. Notes on waterfowl of certain pothole lakes of eastern Washington. M.S. thesis, State Coll. Washington, Pullman. *Washington, Pacific flyway, brood (size, count [1]), chronology*
- Jeffrey, R. G., and W. H. Oliver. 1955. Waterfowl breeding ground survey in Washington, 1955. Pages 132-138 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding, Washington, brood (count, size)*
- Jehl, J. R., Jr., and B.A. Smith. 1970. Birds of the Churchill Region, Manitoba. Manitoba Mus. Man and Nature Spec. Publ. No. 1. 87pp. *affinis, marila, Manitoba, Churchill, arctic, distribution, spring migration, breeding, postbreeding*
- Jensen, A. L. 2002. Analysis of harvest and effort data for wild populations in fluctuating environments. Ecological Modelling 157:43-49. *Harvest, model*
- Jessen, R. L. 1981. Special problems with diving ducks. Proc. Int. Waterfowl Symp. 4:139-148. *habitat use, disturbance, population management, policy*
- Jessen, R. L., D. W. Warner, F. A. Spurrell, J. P. Lindmeier, and B. W. Anderson. 1968. Lead shot in some spring migrant ducks. J. Minn. Acad. Sci. 35:90-94. *lead poisoning, spring migration, Minnesota*
- Jewell, L. L. 1913. Some North American birds in Panama. Auk 30:422-429. *distribution, South America, winter*
- Jewett, S. G. 1914. Bird notes from Netarsts Bay, Oregon. Condor 16:107-115. *distribution, winter, Oregon, coast*
- Joanen, T. 1967. Methods and trap design for lesser scaup trapping in Louisiana. Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm. 18:106-109. *capture techniques; Louisiana, body weight, winter*
- Job, H. K. 1899. The enchanted isles. Osprey 3:37-41. *breeding, nest parasitism, North Dakota, prairie potholes [cited in Weller 1965]*
- Job, H. K. 1899. Some observations on the Anatidae of North Dakota. Auk 16:161-165. *breeding, nest parasitism, North Dakota, prairie potholes [cited in Weller 1965]*
- Job, H. K. 1902. Among the waterfowl. Doubleday, Page and Co., New York. 224pp. *breeding, North Dakota, nest parasitism [cited in Weller 1965]*
- Johnsgard, P. A. 1955. The relation of water level and vegetational change to avian populations, particularly waterfowl. M.S. thesis, State College of Washington, Pullman. 166p. *habitat use, migration, water conditions, Washington*

- Johnsgard, P. A. 1961. The taxonomy of the Anatidae--a behavioural analysis. *Ibis* 103A:71-85. *behavior, taxonomy*
- Johnsgard, P. A. 1965. Handbook of waterfowl behavior. Cornell Univ. Press, Ithaca, NY. *behavior, courtship, affinis, marila*
- Johnsgard, P. A. 1971. Observations on sound production in the Anatidae. *Wildfowl* 22:46-59. *Vocalization; behavior*
- Johnsgard, P. A. 1975. Waterfowl of North America. Indiana Univ. Press, Bloomington, Indiana. 575pp. *Fauna guide; marila; affinis [p. 349-359]; Distribution; Behavior; Life history*
- Johnsgard, P.A. 1978. Ducks, geese, and swans of the World. Univ. Nebraska Press, Lincoln. 404pp. *fauna guide; distribution; taxonomy; behavior*
- Johnsgard, P. A. 1979. Birds of the Great Plains: breeding species and their distribution. Univ. Nebraska Press, Lincoln. 539pp. *Fauna guide; breeding distribution; North Dakota; South Dakota; Nebraska; Kansas; Oklahoma*
- Johnson, D. H., and J. W. Grier. 1988. Determinants of breeding distributions of ducks. *Wildl. Monogr.* No. 100. 37pp. *Breeding distribution; behavior; Habitat; Census methods; Spring migration*
- Johnson, D. H., J. D. Nichols, and M. D. Schwartz. 1992. Population dynamics of breeding waterfowl. Pages 446-485 *in* B. D. J. Batt, A. D. Afton, M. G. Anderson, C. D. Ankney, D. H. Johnson, J. A. Kadlec, and G. L. Krapu, eds. Ecology and management of breeding waterfowl. Univ. Minnesota Press, Minneapolis. *population dynamics, breeding, reproductive success, nesting, egg, review*
- Johnson, F. A., and F. Montalbano III. 1989. Southern reservoirs and lakes. Pages 93-116 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. Habitat management for migrating and wintering waterfowl in North America. Texas Tech Univ. Press, Lubbock. *habitat use, winter, migration, chronology, Atlantic flyway, review*
- Johnson, F. A., and F. Montalbano III. 1984. Selection of plant communities by wintering waterfowl on Lake Okeechobee, Florida. *J. Wildl. Manage.* 48:174-178. *Feeding ecology; Habitat; Food Supply; Florida; aquatic vegetation, winter*
- Johnson, G. D., D. P. Young, Jr., W. P. Erickson, M. D. Strickland, and L. L. McDonald. 1996. Assessing river habitat selection by waterfowl wintering in the South Platte River, Colorado. *Wetlands* 16:542-547. *habitat use, riverine, winter, Colorado*
- Johnson, L. G., R. L. Moore, and R. Bishop. 1971. Pesticide and mercury levels in migrating duck populations. *Bull. Environ. Contam. Toxicol.* 6:513-516. *contaminant, heavy metal, pesticide, mercury*
- Johnson, L. L., N. J. Ordal, and J. P. Lindmeier. 1960. Wildlife research restoration and management Planning: Migratory Waterfowl Division. Study of homing in our local ducks. *Minn. Div. Game and Fish.* 19(4):46-55. *Minnesota, philopatry, banding data*
- Johnson, M. A., T. C. Hinz, and T. L. Kuck. 1987. Duck nest success and predators in North Dakota, South Dakota, and Montana: the Central Flyway Study. *Proc. Great Plains Wildlife Damage Control Workshop* 8:125-133. *Nesting, nesting habitat, prairie potholes, prairie grassland, South Dakota, North Dakota, Montana, predator*

- Johnson, S. R., W. J. Adams, and M. R. Morrell. 1975. The birds of the Beaufort Sea. Part I: A literature review, and Part II: Observations of 1975 spring migration. Can. Dep. Environ., Victoria, BC. *distribution, spring migration, Yukon, Beaufort Sea*
- Johnston, D. W. 1988. A morphological atlas of the avian uropygial gland. Brit. Mus. Nat. Hist. Bull.: Zool. Ser. 54:199-259. *physiology; endocrinology; marila; affinis*
- Jones, J. J., and R. D. Drobney. 1986. Winter feeding ecology of scaup and common goldeneye in Michigan. J. Wildl. Manage. 50:446-452. *marila; affinis; Feeding ecology; winter; Michigan*
- Jordan, J. S. 1968. Influence of diet in lead poisoning in waterfowl. Trans. Northeast Sect. Wildl. Soc. 25:143-170. *lead poisoning, affinis, feeding ecology*
- Jordan, J.S., and F.C. Bellrose. 1951. Lead poisoning in waterfowl. Ill. Nat. Hist. Surv. Biol. Notes No. 26. 27pp. *scaup, lead poisoning, lead shot, Mississippi River*
- Jorde, D. G., J. L. Longcore, and P. W. Brown. 1989. Tidal and nontidal wetlands of northern Atlantic states. Pages 1-26 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. Habitat management for migrating and wintering waterfowl in North America. Texas Tech Univ. Press, Lubbock. *habitat use, winter, migration, chronology, estuarine, riverine, Atlantic flyway, review*
- Kadlec, J. A., and L. M. Smith. 1989. The Great Basin marshes. Pages 451-474 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. Habitat management for migrating and wintering waterfowl in North America. Texas Tech Univ. Press, Lubbock. *habitat use, winter, migration, Great Basin, Pacific flyway, review*
- Kahara, S. N. 2005. Linking lesser scaup population decline to the environment: issues of time, space and scale. American Geophysical Union, Spring Meeting 2005, abstract #NB43D-02. *feeding ecology, habitat use, aquatic invertebrates*
- Kahara, S. N. 2007. Modeling wetland use by spring-migrating lesser scaup (*Aythya affinis*) in eastern South Dakota. Dissertation, University of South Dakota, Brookings, South Dakota, USA. *Feeding ecology, amphipod, South Dakota, spring migration, habitat use, habitat model, limnology*
- Kalmbach, E. R. 1937. Crow-waterfowl relationships: based on preliminary studies on Canadian breeding grounds. U.S. Dep. Agric. Circ. No. 433. 36pp. *nesting, breeding, predation, crows*
- Kaminski, R. M., and M. W. Weller. 1992. Breeding habitats of nearctic waterfowl. Pages 568-589 *in* B. D. J. Batt, A. D. Afton, M. G. Anderson, C. D. Ankney, D. H. Johnson, J. A. Kadlec, and G. L. Krapu, eds. Ecology and management of breeding waterfowl. Univ. Minnesota Press, Minneapolis. *breeding, habitat use, nest site*
- Kannan, K., K. Senthilkumar, J. E. Elliott, L. A. Feyk, and J. P. Giesy. 1998. Occurrence of butyltin compounds in tissues of water birds and seaducks from the United States and Canada. Arch. Environ. Contam. Toxicol. 35:64-69. *contaminant, liver, pesticide, biomagnification*
- Kantrud, H. A., and R. E. Stewart. 1977. Use of natural basin wetlands by breeding waterfowl in North Dakota. J. Wildl. Manage. 41:243-253. *Habitat use; prairie potholes; North Dakota; Weather*
- Kaseloo, P. A., and J. R. Lovvorn. 2005. Effects of surface activity patterns and dive depth on thermal substitution in fasted and fed lesser scaup (*Aythya affinis*) ducks. Canadian Journal of Zoology 83:301-311.

physiology, locomotion, diving, thermoregulation, energetics

Kaselloo, P. A., and J. R. Lovvorn. 2006. Substitution of heat from exercise and digestion by ducks diving for mussels at varying depths and temperatures. *Journal of Comparative Physiology b*:176:265-275. *physiology, locomotion, feeding ecology, bioenergetics, thermal biology*

Kaufman, K. 1995. Ring-necked ducks. *Birders' World* 9:74-75. *identification, plumage, collaris, affinis, americana*

Kear, J. 1970. Studies on the development of young tufted duck. *Wildfowl* 21:123-132. *body weight, duckling*

Kear, J. 1977. Captive propagation of waterfowl. Pages 243-249 *in* S. A. Temple, ed. *Endangered Birds: Management Techniques For Preserving Threatened Species*. Univ. Wisconsin Press, Madison. *affinis; marila; Breeding behavior; Captivity; propagation; England*

Kear, J. 1985. *Wildfowl*. Croom Helm, Ltd., London. 153pp. *general fauna guide; Behavior, feeding ecology; Breeding behavior; Courtship behavior; Nesting; Evolution; Migration*

Kehoe, F. P., and C. D. Ankney. 1985. Variation in digestive organ size among five species of diving ducks (*Aythya* spp.). *Can. J. Zool.* 63:2339-2342. *affinis; marila; Digestive organs; physiology; Ontario*

Keith, L. B. 1961. A study of waterfowl ecology on small impoundments in southeastern Alberta. *Wildl. Monogr.* 6. 88pp. *nesting, chronology, prairie potholes, grassland, Alberta, clutch size, brood (size), habitat use, food habits, grit*

Keith, L. B. 1961. Three further records of parasitic egg laying by ducks. *Auk* 78:93. *nesting, Alberta, nest parasitism*

Kelly, S. T. 1990. Special scaup seasons and bonus scaup limits. U.S. Dep. Int., Fish Wildl. Serv., Offi. Migratory Bird Manage., unpubl. rep. 30pp. *harvest, hunting regulations, population*

Kelsall, J. P., W. J. Pannekoek, and R. Burton. 1975. Variability in the chemical content of waterfowl plumage. *Can. J. Zool.* 53:1379-1386. *Food habits; Biochemistry; plumage*

Kerr, K. D., and S. K. Hennes. 1985. Hemoglobin interference in the direct determination of erythrocyte protoporphyrin concentrations for monitoring lead intoxication of waterfowl. *J. Wildl. Dis.* 21:338-340. *lead poisoning, lead shot, physiology, technique*

Kerwin, J. A., and L. G. Webb. 1971. Foods of ducks wintering in coastal South Carolina, 1956-1967. *Proc. Annu. Conf. Southeast. Assoc. Game and Fish Comm.* 25:223-245. *food habits, winter, South Carolina, Atlantic flyway*

Kessel, B., and G. B. Schaller. 1960. Birds of the Upper Sheenjek Valley, northeastern Alaska. *Univ. Alaska Biol. Pap. No. 4.* 59pp. *faunal guide, distribution, Alaska, affinis, marila*

Kessler, L. G., and J. C. Avise. 1984. Systematic relationships among waterfowl (Anatidae) inferred from restriction endonuclease analysis of mitochondrial DNA. *Syst. Zool.* 33:370-380. *Taxonomy; Phylogeny; Chromosomes*

Kiel, W. H., Jr. 1952. Waterfowl breeding population and production in the Newdale-Erickson district of

Manitoba. Pages 66-70 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, Manitoba, prairie potholes, brood (count)*

Kiel, W. H., Jr. 1953. Waterfowl breeding population and production in the Newdale-Erickson district of Manitoba - 1953. Pages 81-85 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Manitoba, brood (count), nest success*

Kilham, L. 1954. Unusual feeding behavior of the lesser scaup. *Auk* 71:316. *feeding behavior*

King, J. G. 1973. A cosmopolitan duck molting resort, Takslesluk Lake, Alaska. *Wildfowl* 24:103-109. *affinis [few]; marila; Breeding; molt; postbreeding*

King, J. G., and C. J. Lensink. 1971. An evaluation of Alaskan habitat for migratory birds. U.S. Bur. Sport Fish. Wildl. Proc. rep. 46pp. *Alaska, distribution, breeding [cited in Bellrose 1980]*

King, T., L. Hord, T. Gilbert, and F. Montalbano III. 1980. An evaluation of wetland habitat establishment and wildlife utilization in phosphate clay settling areas. *Proc. Annu. Conf. Restor. Creation of Wetlands* 7:35-49. *winter, habitat use, impoundment, Florida, Atlantic flyway*

Kingery, H. E., and W. D. Graul, eds. 1978. Colorado bird distribution latilong study. *Colo. Field Ornithologist*, Colo. Div. Wildl. Nongame Sect., Denver. 61pp. *Distribution; Population; Habitat; marila; affinis*

Kinney, S. D. 2004. Estimating the population of greater and lesser scaup during winter in off-shore Louisiana. M.S. thesis, Louisiana State University, Baton Rouge. *Winter, Louisiana, population, survey method, distribution*

Kirk, J. A. 1981. Lesser scaup captured by snapping turtle. *Bull. Okla. Ornithol. Soc.* 14(2):14-15. *predation*

Kleinert, S. J., and P. E. Degurse. 1972. Mercury levels in Wisconsin fish and wildlife. *Wisc. Dep. Nat. Resour. Tech. Bull.* 52:1-22. *contaminant, heavy metal, mercury, Wisconsin*

Klett, A. T., H. F. Duebbert, C. A. Faanes, and K. F. Higgins. 1986. Techniques for studying nest success of ducks in upland habitats in the prairie pothole region. U.S. Fish Wildl. Serv. Res. Publ. No. 158. 24pp. *Breeding biology; Plumage; Nesting; Mortality; Productivity, prairie potholes*

Klukas, R. W., and L. N. Locke. 1970. An outbreak of fowl cholera in Everglades National Park. *J. Wildl. Dis.* 6:77-79. *disease, Florida, cholera*

Knapton, R. W. 1979. Birds of the Gainsborough-Lyleton Region. *Sask. Nat. Hist. Soc. Spec. Publ.* No. 10. 72pp. *distribution, Saskatchewan, Manitoba, breeding, brood, chronology, migration*

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. *J. Great Lakes Res.* 25:783-798. *food habits, Great Lakes, aquatic macrophytes*

Knapton, R. W., S. A. Petrie, and G. Herring. 2000. Human disturbances of diving ducks on Long Point Bay, Lake Erie. *Wildl. Soc. Bull.* 28:923-930. *affinis, marila, Great Lakes, fall migration, feeding ecology, habitat use, hunting, fishing, body mass, refuge, disturbance*

Knorr, O. A. 1954. The effect of radar on birds. *Wilson Bull.* 66:264. *migration, locomotion (flight), behavior*

- Kolbeinnsson, Y., G. Ráainsson, G., and G. Péétursson. 2001. Sjaldgæfir fuglar áá Islandi 1998. [Rare birds in Iceland in 1998.] *Bliki* 22:21-46. *Distribution, Iceland*
- Kocan, R. M. 1972. Some physiologic blood values of wild diving ducks. *J. Wildl. Dis.* 8:115-118. *Hematology; Maryland*
- Kocan, A. A., and R. M. Kocan. 1972. Immature *Prosthodendrium* sp. in a lesser scaup (*Aythya affinis*). *J. Parasitol.* 58:1014-1015. *parasitology, Chesapeake Bay*
- Kocan, R. M., and S. M. Pitts. 1976. Blood values of the canvasback duck by age, sex, and season. *J. Wildl. Dis.* 12:341-346. *physiology, hematology*
- Kondla, N. G., H. W. Pinel, C. A. Wallis, and C. R. Wershler. 1973. Avifauna of the Drumheller Area, Alberta. *Can. Field-Nat.* 87:377-393. *Fauna guide; Distribution records; Alberta; prairie parkland*
- Koons, D. N. 2000. First record of Brown-headed Cowbird egg in a Lesser Scaup nest. *Wilson Bulletin* 112:554. *nest parasitism, nesting, Manitoba, prairie potholes, parkland*
- Koons, D. N., and J. J. Rotella. 2003. Comparative nest success of sympatric lesser scaup and ring-necked ducks. *Journal of Field Ornithology* 74:222-229. *Nesting, nest success, Manitoba, prairie pothole region, parkland, Aythya collaris*
- Koons, D.N., and J. J. Rotella. 2003. Comparative nesting success of sympatric lesser scaup and ring-necked ducks. *Journal of Field Ornithology* 74:222-229. *nesting, nest success, Manitoba, prairie parkland*
- Koper, N., and F. K. A. Schimiegelow. 2006. A multi-scale analysis of avian responses to habitat amount and fragmentation on the Canadian dry mixed-grass prairie. *Landscape Ecology* 21:1045-1059. *density, habitat use, prairie grassland, Alberta*
- Koper, N., and F. K. A. Schimiegelow. 2006. Effects of habitat management for ducks of target and nontarget species. *Journal of Wildlife Management* 70:823-834. *nesting, habitat management, prairie parkland, Saskatchewan, nest success*
- Kopischke, E. D. 1963. Wildlife research restoration and management planning: Wildlife surveys. Unusual diving duck mortality in SW Minnesota. *Minn. Div. Game and Fish* 23(1):43-46. *Minnesota, mortality*
- Kopischke, E. D. 1964. Unusual mortality for diving ducks. *J. Wildl. Manage.* 28:848-849. *mortality, Minnesota*
- Korschgen, C. E. 1989. Riverine and deepwater habitats for diving ducks. Pages 157-180 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. *Habitat management for migrating and wintering waterfowl in North America*. Texas Tech. Univ. Press, Lubbock. *habitat use, migration, winter, review, Mississippi River, riverine, Mississippi flyway*
- Korschgen, C. E., L. S. George, and W. L. Green. 1985. Disturbance of diving ducks by boaters on a migrational staging area. *Wildl. Soc. Bull.* 13:290-296. *disturbance, upper Mississippi River, migration, chronology*
- Korschgen, L. J. 1947. Wildlife management planning and research: Food habits of waterfowl in Missouri. Mo.

Conservation Commission. 11pp. Proj. No.: MO. W-013-R-01/WK.PL.08/JOB 02. *food habits, Missouri, migration*

Korschgen, L. J. 1952. Wildlife management planning and research: General summary of the food of Missouri predatory and game animals. Mo. Conservation Commission. 64pp. Proj. No.: MO. W-013-R-04/SP2. *food habits, Missouri, migration*

Korschgen, L. J. 1951. Wildlife Management planning and research: Food habits of waterfowl in Missouri. Mo. Conservation Commission. 25pp. Proj. No.: MO. W-013-R-05/WK.PL.08/JOB 02. *food habits, Missouri, migration*

Korschgen, L. J. 1952. Wildlife management planning and research: Food habits of waterfowl in Missouri. Mo. Conservation Commission. 28pp. Proj. No.: MO. W-013-R-06/WK.PL.08/JOB 02. *food habits, Missouri, migration*

Korschgen, L. J. 1953. Wildlife management planning and research: Food habits of waterfowl in Missouri. Mo. Conservation Commission. 45pp. Proj. No.: MO. W-013-R-07/WK.PL.08/JOB 02. *food habits, Missouri, migration*

Korschgen, L. J. 1955. Fall foods of waterfowl in Missouri. Mo. Dep. Conservation. 44pp. Proj. No.: MISSOURI W-013-R. *food habits, Missouri, migration*

Kortright, F.H. 1942. The ducks, geese, and swans of North America. Am. Wildl. Inst., Washington, D.C. 476pp. *life history, distribution, general, historical [p. 374-376]*

Kramer, G. W., and R. Migoya. 1989. The Pacific coast of Mexico. Pages 507-528 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. Habitat management for migrating and wintering waterfowl in North America. Texas Tech Univ. Press, Lubbock. *habitat use, winter, migration, Mexico, Pacific flyway, review*

Krapu, G. L. 1974. Avian mortality from collisions with overhead wires in North Dakota. *Prairie Nat.* 6:1-6. *mortality, North Dakota, power lines*

Krapu, G. L., and K. J. Reinecke. 1992. Foraging ecology and nutrition. Pages 1-29 *in* B. D. J. Batt, A. D. Afton, M. G. Anderson, C. D. Ankney, D. H. Johnson, J. A. Kadlec, and G. L. Krapu, eds. Ecology and management of breeding waterfowl. Univ. Minnesota Press, Minneapolis. *feeding ecology, nutrition, review*

Kroodsma, R. L. 1978. Evaluation of a proposed transmission lines: impacts on waterfowl and eagles. Pages 69-76 *in* M. L. Avery, ed. Impacts of transmission lines on birds in flight. Proceedings of a workshop, Oak Ridge, TN. U.S. Fish Wildl. Serv. Biol. Serv. Publ. 78/48. *Power lines; mortality; Minnesota; marila; affinis; habitat use; disturbance; flight*

Krueger, D.M., and R. J. Whyte. 1978. Lesser scaup collides with fence in south Texas. *Bull. Tex. Ornithol. Soc.* 11(1):19. *mortality*

Krug, C. A. 1979. Greater scaup and lesser scaup. A synopsis of available information. New York Dep. Environ. Conserv., Albany. *review, population, breeding, migration, winter, harvest, age ratio, sex ratio, mortality, disease, population management*

Kruse, A.D., and B. S. Bowen. 1996. Effects of grazing and burning on densities and habitats of breeding ducks in North Dakota. *J. Wildl. Manage.* 60:233-246. *grazing, burning, habitat management, nesting, prairie*

potholes, North Dakota

Kubichek, W. F. 1933. Report on the food of five of our most important game ducks. Iowa State J. Sci. 1:107-126. *Food Habits, Iowa, fall migration*

Kumlien, L., N. Hollister, and A. W. Schorger. 1951. The birds of Wisconsin. Wis. Soc. Ornithol., Inc., Madison, WI. 122pp. *breeding, distribution, historic*

Kuyt, E. 1974. Waterfowl populations in the coastal Beaufort Sea. Part II. *In* T. W. Berry and E. Kuyt, eds. Seabird populations in the coastal Beaufort Sea. Can. Wildl. Serv. Interim Rep. A-3, Can. Dep. Environ., Victoria, BC. *distribution, Beaufort Sea, molt migration, postbreeding*

Laberge, R. J. A., and J. D. McLaughlin. 1991. Susceptibility of blue-winged teal, gadwall, and lesser scaup ducklings to experimental infection with *Streptocara crassicauda*. Can. J. Zool. 69:1512-1515. *parasitology, duckling*

Lacey, H. 1911. The birds of Kerrville, Texas, and vicinity. Auk 28:200-219. *fauna list, Texas, winter, distribution*

Lagerquist, B. A., and C. D. Ankney. 1989. Interspecific differences in bill and tongue morphology among diving ducks (*Aythya* spp., *Oxyura jamaicensis*). Can. J. Zool. 67:2694-2699. *feeding ecology, morphology*

Lake, B. C., J. Walker, and M. S. Lindberg. 2006. Survival of ducks banded in the boreal forest of Alaska. Journal of Wildlife Management 70:443-449. *survival, banding data, boreal forest, Alaska*

Landers, J. L., A. S. Johnson, P. H. Morgan, and W. P. Baldwin. 1976. Duck foods in managed tidal impoundments in South Carolina. J. Wildl. Manage. 40:721-728. *marila; affinis; Feeding ecology; tidal Marshes; impoundment; management; South Carolina*

Lange, K. I. 1999. The Winter season: 1998-99. Passenger Pigeon 61:219-234 [226]. *distribution, winter, Wisconsin, spring migration chronology*

Langley, W., C. Frey, and M. Taylor. Comparison of waterfowl and shorebird use of a man-made wetland, lake and pond. Transactions of the Kansas Academy of Science 101(3-4):114-119. *Kansas, spring migration, habitat use*

Larche, R. 1970. The waterfowl of Manitoba, 1968-1969. Wildl. Branch, Manitoba Dep. Mines Nat. Resour. unpubl. rep. *fall migration, chronology, distribution [cited in Bellrose 1980]*

Layher, W.G., and P. L. Smith. 1994. Analysis of forage use of sportfish production facilities by piscivorous birds. Arkansas Game and Fish Comm., Fayetteville. 164pp. *food habits, Arkansas, winter*

Leach, J. H. 1993. Impacts of the zebra mussel (*Dreissena polymorpha*) on water quality and fish spawning reefs in the western Lake Erie. Pg 381-397 *in* T. F. Nalepa and D. W. Schloesser, eds. Zebra mussels biology, impacts, and control. Lewis Publ., Boca Raton, Florida.

Leach, B. A. 1972. The waterfowl of the Fraser Delta, British Columbia. Wildfowl 23:45-55. *affinis; marila; Habitat; Land use; migration; winter, British Columbia*

Lee, F. W., et al. 1964. Waterfowl in Minnesota. Minn. Dep. Conserv. Tech. Bull. No. 7. 210pp. *distribution,*

breeding, Minnesota, duckling

Lee, F. B. 1952. Waterfowl breeding ground survey in Minnesota. Pages 240-250 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, Minnesota*

Lee, F. B. 1953. Waterfowl breeding ground survey in Minnesota. Pages 204-210 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Minnesota*

Lee, F. B. 1955. Waterfowl breeding ground survey in Minnesota, 1955. Pages 207-216 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 30. *breeding population, Minnesota*

Legris, A. M., and H. Levesque. 1991. Migratory game birds harvested in Canada during the 1989 hunting season. Can. Wildl. Serv. Prog. Notes No. 194. 43pp. *harvest, Canada*

Legris, A. M., and H. Levesque. 1991. Migratory game birds harvested in Canada during the 1990 hunting season. Can. Wildl. Serv. Prog. Notes No. 197. 40pp. *harvest, Canada*

*Leitch, W. G. 1952a. Ecology of nesting waterfowl in the Missouri Coteau of southern Saskatchewan. M.S. thesis, Univ. Manitoba, Winnipeg. 133pp. *breeding, Caron Study Area, Saskatchewan, prairie potholes, nesting, chronology, habitat use, broods*

Leitch, W. G. 1952b. Waterfowl breeding ground surveys of Ducks Unlimited (Canada) in Alberta, Saskatchewan, and Manitoba. Pages 99-109 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, prairie potholes, Saskatchewan, Caron study area*

Leitch, W. G. 1953. Caron pothole study area - 1953. Pages 99-101 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Saskatchewan, Caron study area, brood*

Leitch, W. G. 1955. Caron study area - Saskatchewan. Pages 102-104 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, Saskatchewan, Caron study area, brood*

Leitch, W. G. 1955. Waterfowl breeding ground surveys of Ducks Unlimited (Canada) in Alberta, Saskatchewan, and Manitoba. Pages 93-101 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, Alberta, Saskatchewan, Manitoba*

Leitch, W. G., and R. M. Kaminski. 1985. Long-term wetland-waterfowl trends in Saskatchewan grassland. J. Wildl. Manage. 49:212-222. *Breeding populations; Population dynamics; History (1950-1975); Habitat changes; drought; Productivity*

Lemieux, L. 1953. Waterfowl breeding ground survey in the Province of Quebec, 1953. Pages 119-122 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *population, Quebec, Atlantic Flyway, survey, summer distribution*

Lensink, C. J. 1964. Distribution of recoveries from banding of ducklings. U.S. Fish Wildl. Serv. Spec. Sci.

- Rep. Wildl. 89. 146pp. *banding data, distribution, duckling, affinis*,
- Lensink, C. J. 1967. Arctic loon predation on ducklings. Murrelet 48:41. *predation, duckling, brood, behavior, Gavia arctica*
- Lentz, J. E. 2005. Introduction to Birds of the Southern California Coast. California Natural History Guides 84. University of California Press, Berkeley, CA. *distribution, California, winter*
- Leonard, S. 2006. Birds of Blaine County, riparian point count surveys. Report prepared for Bureau of Land Management, Havre Field Station, Havre, Montana, USA. Montana Natural Heritage Program, Helena, MT, USA. 16pp. *distribution, Montana, riparian, prairie pothole region, prairie grassland*
- Leopold, A. S. 1959. Wildlife of Mexico: the game birds and mammals. Univ. California Press, Berkeley. 568pp. *distribution, winter, Mexico*
- Leschisin, D. A. 1982. Waterfowl use of dug ponds in northwestern Minnesota. M.S. thesis, Univ. Minnesota. 83pp. *habitat use, breeding, impoundment, stock pond, limnology, aquatic vegetation, Minnesota*
- Lett, W. P. 1883. The ducks of this locality. Trans. Ottawa Field Nat. Club 1(4):52-64. *distribution, historical, Ontario [p. 63-64]*
- Levesque, H., and A. M. Legris. 1993. Migratory game birds harvested in Canada during the 1991 hunting season. Can. Wildl. Serv. Prog. Notes No. 204. 42pp. *harvest, Canada*
- Lieffers, V., and D. Hatch. 1977. Qu'Appelle waterfowl resource inventory. Sask. Dep. Tourism and Renewable Resour. Ft. Qu'Appelle: Qu'Appelle Implementation Office. *Saskatchewan, nesting [cited in Callin 1979]*
- Lightbody, J. P. 1982. A comparison of the growth rates and mode of development of the canvasback (*Aythya valisineria*) and the lesser scaup (*Aythya affinis*). M.S. Thesis, Univ. Western Ontario, London. 57pp. *growth, development*
- Lightbody, J. P., and C. D. Ankney. 1984. Seasonal influence on the strategies of growth and development of canvasback and lesser scaup ducklings. Auk 101:121-133. *duckling; Egg; development; Manitoba*
- Lincoln, F. C. 1925. Notes on the bird life of North Dakota with particular reference to the summer waterfowl. Auk 42:50-64. *distribution, North Dakota, prairie potholes, breeding*
- Lincoln, F. C. 1935. The migration of North American birds. U.S.D.A. Circ. 363. 72pp. *migration, flyways, banding data*
- Lincoln, F.C. 1936. The effect of oil pollution on waterfowl. Proc. N. Am. Wildl. Conf. 1:555-559. *contaminants, oil, mortality*
- Lindeman, D. H., and R. G. Clark. 1999. Amphipods, land-use impact, and lesser scaup (*Aythya affinis*) distribution in Saskatchewan wetlands. Wetlands 19:627-639. *affinis, habitat use, prairie potholes, Saskatchewan, amphipods, Gammarus, Hyallela, breeding, land use*
- Lindmeier, J. P. 1965. Job progress report, game research project. Migratory waterfowl: The incidence of lead shot in spring migrating waterfowl. Minn. Dep. Conser., Div. Game and Fish. Quart. Prog. Rep. 24(4)51-59. *spring migration, lead poisoning*

- Lindmeier, J. P., and L. L. Johnson. 1960. Wildlife research restoration and management planning.: Migratory Waterfowl Division. Waterfowl marking studies. Minn. Div. Game and Fish 19(4):31-45. *banding data, marking, Minnesota*
- Linduska, J. P., ed. 1964. Waterfowl tomorrow. U.S. Gov. Printing Off., Washington, D.C. 770pp. *distribution, habitat use, review*
- Link, W. A., and J. R. Sauer. 1999. Controlling for varying effort in count surveys - an analysis of Christmas Bird Count data. J. Agric. Biol. Environ. Stat. 4: 116-125. *survey, methodology, winter, Christmas Bird Count*
- Littlefield, C. D., and A. J. Pakulak. 1969. Arrival dates of birds at Churchill, Manitoba. Can. Field-Nat. 83:397-399. *Manitoba, spring migration, arctic, arrival, marila, affinis*
- Livezey, B. C. 1996. A phylogenetic analysis of modern pochards (Anatidae: Aythyini). Auk 113:74-93. *taxonomy, marila, affinis, morphology*
- Lockwood, M.W. 2001. Birds of the Texas hill country. University of Texas Press, Austin. 228pp. *Distribution, fauna guide, Texas*
- Lokemoen, J. T. 1991. Brood parasitism among waterfowl nesting on islands and peninsulas in North Dakota. Condor 93:340-345. *nesting, islands, prairie potholes*
- Lokemoen, J. T., and R. O. Woodward. 1993. An assessment of predator barriers and predator control to enhance duck nest success on peninsulas. Wildl. Soc. Bull. 21:275-282. *nesting, predator control*
- Long, R. J. 1970. A study of nest-site selection by island nesting anatids in central Alberta. M.S. thesis, Univ. Alberta, Edmonton. 123pp. *nesting, habitat use, prairie potholes, parkland*
- Longcore, J. R. 1963. Consumption of natural foods and effects of starvation on canvasbacks and lesser scaups. M.S. thesis, Univ. Michigan, Ann Arbor. 68pp. *feeding ecology, body condition, mortality*
- Longcore, J. R., and G. W. Cornwell. 1964. The consumption of natural foods by captive canvasbacks and lesser scaups. J. Wildl. Manage. 28:527-531. *Feeding ecology*
- Longley, W. H., and N. J. Ordal. 1958. Wildlife research restoration and management planning: Migratory Waterfowl Division. Study of the relative vulnerability of duck species to hunting pressure. Minn. Div. Game and Fish 17(4):251-270. *Minnesota, hunting, harvest, mortality*
- Longstreet, R. J. 1925. Boreal Limicolae summering in Florida. Auk 42:581-583. *distribution, summer, Florida, Gulf coast*
- Longwell, J. R., and V. Stotts. 1959. Some observations on the recovery of diving ducks banded in the Maryland portion of Chesapeake Bay. Proc. Annu. Conf. Southeast. Assoc. Game and Fish Comm. 12:285-291. *banding data, distribution, Chesapeake Bay, mortality, sex ratio, harvest*
- Loos, E. R., and F. C. Rohwer. 2004. Laying-stage nest attendance and onset of incubation in prairie nesting ducks. Auk 121(2):587-599. *incubation, eggs, behavior, laying, breeding, prairie potholes, parkland, Manitoba, temperature*

- Lougheed, L.W., A. Breault, and D.B. Lank. 1999. Estimating waterfowl statistical power to evaluate ongoing waterfowl population monitoring. *J. Wildl. Manage.* 63:1359-1369. *population, survey technique, British Columbia, aspen parkland*
- Loven, J. S., E. G. Bolen, and B. W. Cain. 1980. Blood parasitemia in a south Texas wintering waterfowl population. *J. Wildl. Dis.* 16:25-28. *disease, parasitology, Texas, winter*
- Lovvorn, J. R. 1991. Mechanics of underwater swimming in foot-propelled diving birds. *Congr. Int. Ornithol.* 20(3):1868-1874. *diving, locomotion, Aythya spp*
- Lovvorn, J. R. 1994. Biomechanics and foraging profitability: an approach to assessing trophic needs and impacts of diving ducks. *Aquatic Birds in the Trophic Web of Lakes. Proceedings of a Symposium held in Sackville, New Brunswick, Canada, in August 1991.* J. J. Kerekes, ed. *Hydrobiologia* 279/280:223-233. *locomotion, diving, feeding ecology*
- Lovvorn, J. R., and D. R. Jones. 1991. Effects of body size, body fat, and change in pressure with depth on buoyancy and costs of diving in ducks (*Aythya* species). *Can. J. Zool.* 69:2879-2887. *diving, locomotion, lipids, energetics, Aythya spp*
- Lovvorn, J. R., and D. R. Jones. 1994. Biomechanical conflicts between adaptations for diving and aerial flight in estuarine birds. *Adaptation to the Estuarine Environment. Symposium Papers From the 31st Annual Conf. of Canadian Society of Zoologists.* W. S. Marshall, organizer. *Estuaries* 17(1A):62-75. *locomotion, diving, flight, energetics*
- Lovvorn, J. R., D. R. Jones, and R. W. Blake. 1991. Mechanics of underwater locomotion in diving ducks: drag, buoyancy and acceleration in a size gradient of species. *J. Exp. Biol.* 159:89-108. *locomotion, diving*
- Low, J. B. 1941. Spring flight of the diving ducks through northwestern Iowa. *Condor* 43:142-151. *migration, spring, Iowa*
- Lowery, G. J., Jr. 1974. Louisiana birds. Louisiana State Univ. Press, Baton Rouge. 651pp. *distribution, winter, Gulf Coast [p. 178-179]*
- Lumsden, H. G. 1951. Breeding diving ducks on Lake St. Clair, Ontario. *Can. Field-Nat.* 65:31-32. *breeding population, affinis, other, Ontario*
- Luther, M. 1966. Market Lake Wildlife Management Area. Ida. Fish and Game Dep. 14pp. Proj. No.:IDA. W-116-D-09. *Idaho, survey, distribution*
- *Lynch, G. M., and J. E. Toepfer. 1975. California gulls attack waterfowl broods in Alberta. *Auk* 92:159-160. *Larus; Predation; ducklings; mortality, Alberta, behavior*
- Lynch, J. J. 1939. Marine algae in food of Rhode Island waterfowl. *Auk* 56:374-380. *food habits, Rhode Island, winter*
- Lynch, J. J. 1955. Waterfowl breeding ground survey - southern Saskatchewan, 1955. Pages 45-53 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, Saskatchewan, brood, production*
- Lynch, J. J., and J. B. Gollop. 1953. Waterfowl breeding ground survey in Saskatchewan. Pages 43-54 *in*

Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Saskatchewan*

MacAulay, A. J., and D. A. Boag. 1974. Waterfowl harvest by Slave Indians in northern Alberta. *Arctic* 27:15-26. *Harvest; Amerinds; Alberta*

MacFarlane, R. R. 1891. Notes on and list of birds and eggs collected in arctic America, 1861-1866. *Proc. U.S. Natl. Mus.* 14:413-446. *egg, nesting, arctic [cited in Bent 1923]*

Mackay, R. H. 1952. Waterfowl breeding ground survey in British Columbia. Pages 19-26 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, British Columbia, Cariboo parkland, brood (count, size)*

Mackay, R. H. 1953. Waterfowl breeding ground survey in British Columbia, 1953. Pages 20-22 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 25. *breeding population, production, British Columbia, Cariboo parkland*

*Mackay, R.H. 1955. Waterfowl breeding ground studies in British Columbia, 1955. Pages 17-25 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 30. *breeding population, survey, British Columbia, Pacific Flyway, Cariboo parklands, brood (count, size), distribution*

Macoun, J. 1900. Catalogue of Canadian birds. Part 1 (water birds, gallinaceous birds, and pigeons). S.E. Dawson, Queen's Printer, Ottawa, Ontario. *breeding, distribution, historic, egg*

Macoun, J., and J. M. Macoun. 1909. Catalogue of Canadian birds. Publ. 973. Can. Dep. Mines, Geol. Surveys Branch, Ottawa, Ontario. 761pp. *nest parasitism [cited in Weller 1965]*

Madge, S., and H. Burn. 1988. Waterfowl: an identification guide to the ducks, geese, and swans of the world. Houghton Mifflin Co., Boston, MA. 298pp. *distribution; plumage; field guide (p. 222-223)*

Madson, C. 2000. Bracing for the future. *Wyoming Wildlife* 64:11-13. *population trend, harvest, Wyoming, hunting*

Maehr, D. S. 1981. Bird use of a north-central Florida phosphate mine. *Fla. Field Nat.* 9:28-32. *habitat use, impoundment, Florida, winter*

Mansueti, R. J. 1961. Waterfowl predation by and records of the great black-backed gull in Chesapeake Bay during winter and spring. *Chesapeake Sci.* 2:102-104. *winter, spring migration, mortality*

March, J. R., and R. A. Hunt. 1968. Statewide wildlife research.: special scaup hunting season in Wisconsin, 1968. *Wis. Conserv. Dep.* 8pp. Proj. No.: WIS. W-141-R-04/WK.PL.06/JOB A /SP1. *hunting, harvest, special season, Wisconsin*

Martell, A. M., D. M. Dickinson, and L. M. Casselman. 1984. Wildlife of the Mackenzie Delta region. Alberta Univ. Boreal Inst. Northern Studies, Edmonton. Occas. Publ. No. 15. 214pp. *marila; affinis; habitat; fauna list, MacKenzie territory*

Martell, A. M. 2008. Trends in bird populations in the Comox Valley, British Columbia, Canada, from 1976 to 2006. *British Columbia Birds* 18:2-14. *distribution, migration, winter, coast, British Columbia, population*

- Martin, A. C., and F. M. Uhler. 1939. Food of game ducks in the United States and Canada. U.S. Dep. Agric. Tech. Bull. 634. 157 pp. *food habits*
- Martin, A. C., H. S. Zim, and A. L. Nelson. 1951. American wildlife and plants. McGraw-Hill, New York, NY. 500p. *food habits*
- Martin, K. H. 2007. Breeding Ecology and Fasting Tolerance of Scaup and Other Ducks in the Boreal Forest of Alaska. M.S. thesis, University of Alaska Fairbanks, USA. *Nesting, nest success, boreal forest, body condition, feeding ecology, Alaska, Minto Flats*
- Martin, P. A. Martin, Weseloh, D. V., Bishop, C. A., K. Legierse, B. Braune, and R. J. Norstrom. 1995. Organochlorine contaminants in avian wildlife of Severn Sound. Water Quality Research Journal of Canada, 30:693-711. *contaminants, heavy metals, mercury, selenium, Canada*
- Martinson, R.K., and C.F. Kaczynski. 1967. Factors influencing waterfowl counts on aerial surveys, 1961-66. U.S. Dep. Int., Fish Wildl. Serv. Spec. Sci. Rep.-Wildl. No. 105. 77pp. *survey technique, prairie potholes, visibility*
- Matz, A. C., and D. A Rocque. 2007. Contaminants in lesser scaup eggs and blood from Yukon Flats National Wildlife Refuge, Alaska. Condor 109:852-861. *contaminants, heavy metals, boreal forest, Alaska, Yukon Flats NWR, egg, physiology*
- Maxson, S. J., and R. M. Pace, III. 1989. Summary and evaluation of Minnesota's waterfowl breeding population survey, 1972-1986. Minn. Wildl. Rep. 7. Minn. Dep. Nat. Resourc., St. Paul, MN. 92pp. *scaup, breeding, population, distribution, Minnesota, survey*
- Mazak, E. J., H. J. MacIsaac, M. R. Servos, and R. Hesslein. 1997. Influence of feeding habits on organochlorine contaminant accumulations in waterfowl on the Great Lakes. Ecol. Appl. 7:1133-1143. *contaminants, Great Lakes, feeding habits, zebra mussels, Dreissena polymorpha, pesticide, migration, winter*
- Mayr, E., and L. L. Short. 1970. Species taxa of North American birds. A contribution to comparative systematics. Publ. Nuttall Ornithol. Club No. 9. 127pp. *taxonomy*
- McAtee, W. L. 1923. Local names of migratory game birds. USDA Misc. Bull. No. 13. 96pp. *vernacular names*
- McAtee, W. L. 1926. Notes on North Carolina waterfowl. Auk 43:251-252. *distribution, North Carolina, estuarine*
- McCall, J. D. 1952. Waterfowl breeding ground survey in Indiana. Pages 256-259 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding, brood (count, size), Indiana*
- McCall, J. D. 1953. Waterfowl breeding ground survey in Indiana. Pages 218-221 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding, brood, Indiana*
- McCormick, K.J., and J. Sirois. 1991. Female scaup incubates ring-billed gull eggs. Blue Jay 49(2):85-86. *affinis, incubation, parasitism (host), Manitoba*

- McCreary, O. 1939. Wyoming bird life. Rev. ed. Burgess Publ. Co., Minneapolis, Minn. 124pp. *distribution, breeding [p. 16]*
- McCullough, G. B. 1981. Migrant waterfowl utilization of the Lake Erie shore, Ontario, near the Nanticoke Industrial Development. J. Great Lakes Res. 7:117-122. *distribution, migration, habitat use, Ontario, Great Lakes*
- McCullough, G. B. 1984. Overwintering of waterfowl adjacent to the Nanticoke Generating Station, Lake Erie, Ontario. Pages 32-36 *in* S. G. Curtis, D. G. Dennis, and H. Boyd, eds. Waterfowl studies in Ontario, 1973-81. Can. Wildl. Serv. Occas. Pap. No. 54. *distribution, winter, habitat use, Ontario, Atlantic flyway*
- McEwan, E. H. and A. F. C. Koelink. 1973. The heat production of oiled mallards and scaup. Can. J. Zool. 51:27-31. *marila, affinis; Captivity; Pollutants (oil spills); thermoregulation*
- McIlhenny, E. A. 1940. Sex ratio in wild birds. Auk 57:85-93. *sex ratio, winter*
- McKelvey, R. W., I. Robertson, and P. E. Whitehead. 1980. Effect of non-petroleum oil spills on wintering birds near Vancouver, British Columbia. Marine Poll. Bull. 11:169-171. *Pollutants (oil); Injuries; Mortality; Plumage, winter*
- McKenna, M. G., and G. E. Allard. 1976. Avian mortality from wire collisions. North Dakota Outdoors 39(5):16-18. *mortality, power lines*
- McKinney, F. 1964. Spacing and chasing in breeding ducks. Wildfowl 16:92-106. *territory, behavior, intraspecific aggression*
- McKinney, F., S. R. Derrickson, and P. Mineau. 1983. Forced copulation in waterfowl. Behaviour 86(3/4):250-294. *Breeding behavior; Territoriality; Productivity*
- McKnight, D. E., and I. O. Buss. 1962. Evidence of breeding in yearling female lesser scaup. J. Wildl. Manage. 26:328-329. *age, breeding*
- McLaughlin, J. D., and B. P. McGurk. 1987. An analysis of gizzard worm infections in fall migrant ducks at Delta, Manitoba, Canada. Can. J. Zool. 65:1470-1477. *parasitology, Delta Marsh, migration*
- McMahan, C. A. Food habits of ducks wintering on Laguna Madre, Texas. J. Wildl. Manage. 34:946-949.; 1970 *winter, food habits, Texas*
- McMahan, C. A. 1969. The food habits of ducks wintering on Laguna Madre, Texas. M.S. Thesis, New Mexico State Univ., Las Cruces. 37pp. *winter, food habits, Texas*
- McParland, C. E., and C. A. Paszkowski. 2006. Effects of small-bodied fish on invertebrate prey and foraging patterns of waterbirds in Aspen Parkland wetlands. Hydrobiologia 567:43-55. *feeding ecology, invertebrate, fish, prairie parkland, prairie pothole region*
- McPhail, L. T., and D. R. Jones. 1998. The relationship between power output and heart rate in ducks diving voluntarily. Comp. Biochem. Physiol. A Mol. Integr. Physiol. 120:219-225. *locomotion, diving, physiology*
- McRoy, C. P., and C. Helfferich. 1979. Applied aspects of seagrasses. Pages 297-343 *in* Ronald C. Phillips and C. Peter Mcroy, eds. Handbook of Seagrass Biology: an Ecosystem Perspective. Garland Stpm Press, New

York. *marila; affinis; feeding ecology, winter, habitat*

McWhirter, D. W., and D. L. Beaver. 1977. Birds of the Capital count area of Michigan, with season and historical analyses. Mich. State Univ., East Lansing Mus. Publ. Biol. Ser. 5:353-442. *Fauna guide; marila; affinis; migration, chronology, Michigan*

Melancon, M. J., A. L. Kutay, B. R. Woodin, and J. J. Stegeman. 2006. Evaluating cytochrome p450 in lesser scaup (*Aythya affinis*) and tree swallow (*Tachycineta bicolor*) by monooxygenase activity and immunohistochemistry: possible nonlethal assessment by skin immunohistochemistry. Environmental Toxicology and Chemistry 25:2613-2617. *contaminant, immune function, physiology*

Mengel, R. M. 1965. The birds of Kentucky. Ornithol. Monogr. No. 3. 581pp. *distribution, Kentucky, fauna guide*

Meredith, W. H., and D. E. Saveikis. 1987. Effects of open marsh water management (OMWM) on bird populations with a Delaware tidal marsh, and OMWM's use in waterbird habitat restoration and enhancement. Pages 299-321 *in* Waterfowl and Wetlands Symposium: Proceedings of A Symposium On Waterfowl and Wetlands Management In The Coastal Zone of The Atlantic Flyway, Wilmington, Delaware, 1986. Del. Dept. Nat. Resour. Environ. Control, Div. Fish Wildlife and Dela. Coastal Manage. Progr., Dover, Del. *Habitat management, habitat use, estuarine, winter, Delaware, Atlantic flyway*

Merrifield, K. 1997. Nearshore flights of seabirds past the Yachats River mouth, Oregon, April 1991 to March 1992. Northwest. Nat. 78:93-101. *migration, Oregon, Pacific Northwest, chronology*

Merrill, S. B. 1994. The birds of Camp Ripley. Loon 66(3):117-126. *distribution, breeding, Minnesota*

Meyer, C. B., and W. Thuiller. 2006. Accuracy of resource selection functions across spatial scales. Diversity and Distributions 12:288-297. *distribution, habitat use, habitat selection, spatial scale*

Miller, A. W. 1953. Duck and coot production at Tule Lake and Lower Klamath Wildlife Refuges in 1952 based on a nesting study. Proc. Annu. Conf. Western Ass. State Game and Fish Commissioners. Cal. Dep. Fish and Game 33:182-188. *California, Tule Lake NWR, Lower Klamath NWR, breeding, nesting*

*Miller, A. W., and B. D. Collins. 1954. A nesting study of ducks and coots on Tule Lake and Lower Klamath National Wildlife Refuges. Calif. Fish Game 40:17-37. *breeding biology, Tule Lake NWR, Lower Klamath NWR, California*

Miller, A. W., A. E. Naylor, and F. M. Kozlik. 1953. Waterfowl breeding ground survey in California. Pages 139-147 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, California*

Miller, A. W., A. E. Naylor, and F. M. Kozlik. 1955. Waterfowl breeding ground survey in California, 1955. Pages 143-152 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, California*

Miller, H. 1943. Waterfowl survey, Saginaw Bay-Lake St. Clair-Lake Erie. Mich. Dep. Conserv., Div. Wildl. P-R Proj. 13-R. 132pp. *distribution, migration, Great Lakes, Michigan, Mississippi flyway [in Bookhout et al. 89]*

Miller, H. W. 1955. Waterfowl breeding ground survey in Nebraska, 1955. Pages 197-201 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding*

population, Nebraska

- Mills, H. B., W. C. Starrett, and F. C. Bellrose. 1966. Man's effect on the fish and wildlife of the Illinois River. Ill. Nat. Hist. Surv. Biol. Notes No. 57. 24pp. *Illinois, migration, habitat use*
- Miskimen, M. 1955. Meteorological and social factors in autumnal migration of ducks. Condor 57:179-184. *migration, behavior, weather*
- Mitchell, C. A., and J. Carlson. 1993. Lesser scaup forage on zebra mussels at Cook Nuclear Plant, Michigan. J. Field Ornithol. 64:219-222. *feeding ecology, winter, Great Lakes, Michigan*
- Mitchell, G. J. 1952. A study of the distribution of some members of the Nyrocine wintering on the coastal waters of southern British Columbia. M.A. Thesis, Univ. British Columbia, Vancouver. 93pp. *distribution, winter, British Columbia*
- Mitchell, J. S., R. C. Bailey, and R. W. Knapton. 1999. Sources of bias in the use of shell fragments to estimate the size of zebra and quagga mussels (*Dreissena polymorpha* and *Dreissena bugensis*). Canadian Journal of Zoology 77:910-916. *food resources, feeding ecology, zebra mussels*
- Mockler, R. M. 2004. Lesser scaup use of wetlands in eastern South Dakota. M.S. thesis, South Dakota State University, Brookings. 54pp. *habitat use, South Dakota, wetlands, prairie grassland, spring migration*
- Monda, M. J. 1986. Niche overlap and habitat use by sympatric duck broods in eastern Washington. M.S. Thesis, Eastern Washington Univ., Cheney. 50pp. *interspecific relations; duckling; feeding ecology, Washington*
- Monda, M. J., and J. T. Ratti. 1988. Niche overlap and habitat use by sympatric duck broods in eastern Washington. J. Wildl. Manage. 52:95-103. *interspecific relations; duckling; Feeding ecology, Washington*
- Monroe, B. L., Jr. 1968. A distributional survey of the birds of Honduras. Ornithol. Monogr. No. 7. 458pp. *distribution, Central America*
- Monroe, B. L., Jr. and C. G. Sibley. 1993. A world checklist of birds. Yale Univ. Press, New Haven, CT. 393pp. *taxonomy*
- Moore, J. L., W. H. Hohman, T. M. Stark, and G. A. Weisbrich. 1998. Shot prevalences and diets of diving ducks five years after ban on use of lead shotshells at Catahoula Lake, Louisiana. J. Wildl. Manage. 62:564-569. *lead poisoning, contaminants, food habits, lead shot, nontoxic shot, winter, Gulf Coast, Louisiana*
- Moreland, R. 1952. Waterfowl breeding ground survey in Washington. Pages 127-134 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *distribution, breeding population, brood (count, size), Pacific Flyway, Washington*
- Morgan, P. H., A. S. Johnson, W. P. Baldwin, and J. L. Landers. 1975. Characteristics and management of tidal impoundments for wildlife in a South Carolina estuary. Proc. Annu. Conf. Southeast. Assoc. Game and Fish Comm. 29:526-539. *winter, habitat use, affinis, marila, impoundment, estuarine*
- Morse, M. 1941. Duck foods and hunting takes. Conservation Volunteer (Minnesota Dept. of Conservation, St. Paul) 2(10): 34-36. *Minnesota, harvest, hunting, food habits*

- Morse, W. B. 1952. Waterfowl breeding ground survey in Oregon. Pages 135-140 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding, brood (count), Oregon*
- Moser, J. D. 1983. The incidence of shot ingestion in New York waterfowl: results of a 1977-1982 gizzard collection study. Trans. Northeast Wildl. Soc., Northeast Fish Wildl. Conf. 40:110-117. *New York, lead poisoning*
- Moser, J. D. 1985. Waterfowl management research. Plumbing abatement: collection of waterfowl gizzards and analysis for shot pellets. Final rep. NY W-039-R/JOB X-2/Study No. X. 17pp. *lead poisoning, New York*
- Moulton, D. W., C. D. Frentress, C. D. Stutzenbaker, D. S. Lobpries, and W. C. Brownlee. 1988. Ingestion of shotshell pellets by waterfowl wintering in Texas. Pages 597-607 *in* M. W. Weller, ed. Waterfowl In Winter. Univ. Minnesota Press, Minneapolis. *Pollutants; lead poisoning, Texas*
- Moyle, J. B., ed. 1964. Waterfowl in Minnesota. Minn. Dep. Conserv. Tech. Bull. No. 7. 210pp. *Minnesota, breeding, population, harvest, migration, affinis, marila, migration, sex ratio*
- Mulcahy, D., P. Warpinski, L. Benjamin, and D. Hamilton. 1988. Avian cholera and related topics: an annotated bibliography. U.S. Fish Wildl. Serv. Biol. Rep. 88(40). 190pp. *Disease; marila; affinis; bibliography*
- Mulholland, R. 1985. Habitat suitability index models: Lesser Scaup (wintering). U.S. Fish Wildl. Serv. Biol. Rep. 82(10.91). 15pp. *Habitat Model, habitat use, winter*
- Mullarney, K. 1989. Lesser scaup in Armagh. Birding World 2(2) 69. *distribution, sighting, UK*
- Mumford, R. E. 1954. Waterfowl management in Indiana. Indiana Dep. Conserv. P.R. Bull. No. 2. 99pp. *distribution, breeding, Indiana*
- Mumford, R. E., and C. E. Keller. 1984. The birds of Indiana. Indiana Univ. Press, Bloomington. 376pp. *fauna guide, distribution, Indiana, migration, food habits [p. 50-51]*
- Mundinger, J. G. 1975. The influence of rest-rotation grazing management on waterfowl production on stock-water reservoirs in Phillips County, Montana. M.S. thesis, Montana State Univ., Bozeman. 100pp. *grazing, nesting, Montana, grassland, brood (size), production*
- Mundinger, J. G. 1976. Waterfowl response to rest-rotation grazing. J. Wildl. Manage. 40:60-68. *Habitat; Farmland; nesting; Montana*
- Murkin, H.R., E. J. Murkin, and J. P. Ball. 1997. Avian habitat selection and prairie wetland dynamics: a 10-year experiment. Ecol. Appl. 7:1144-1159. *Delta Marsh, habitat use, wetland ecology, water conditions, drought, prairie potholes*
- Murphy, R. K. 1993. History, nesting biology, and predation ecology of raptors in the Missouri Coteau of northwestern North Dakota. Ph.D. diss., Montana State Univ., Bozeman. 212pp. *Buteo swainsoni, Buteo jamaicensis, Bubo virginianus, predation, duckling, adult, prairie potholes, North Dakota, history, ecology*
- Murphy, S. M., B. Kessel, and L. J. Vining. 1984. Waterfowl populations and limnologic characteristics of taiga ponds. J. Wildl. Manage. 48:1156-1163. *habitat, breeding, brood, Alaska, limology, arctic*

- Murphy-Klassen, H. M., T. J. Underwood, S. G. Sealy, and A. A. Czyrnyj. 2005. Long-term trends in spring arrival dates of migrant birds at Delta Marsh, Manitoba, in relation to climate change. *Auk* 122:1130-1140. *spring migration, chronology, Manitoba, climate change*
- Munro, G. C. 1944. Birds of Hawaii. Tongg Publishing Co., Honolulu, HA. 189pp. *distribution [rare], Hawaii [p. 137-138]*
- Munro, J. A. 1937. Studies of waterfowl in the Cariboo Region, British Columbia. *Condor* 39:163-173. *fauna list, British Columbia, historical, distribution, Pacific flyway*
- Munro, J. A. 1938. Lesser scaup defending nest. *Wilson Bull.* 50:288-289. *behavior, predation, nesting, disturbance*
- Munro, J. A. 1939. The relations of loons, Holboell's grebes and coots to duck populations. *J. Wildl. Manage.* 3:339-344. *interspecific relationships, Washington*
- Munro, J. A. 1941. Studies of waterfowl in British Columbia. Greater scaup duck, lesser scaup duck. *Can. J. Res. Sci.* 19D:113-138. *Breeding Biology; marila, affinis; British Columbia*
- Munro, J. A. 1957. Observations of the winter waterfowl population at Morro Bay, California. *Murrelet* 38:9-25. *California, winter, hunting, mortality, distribution, affinis, marila (1)*
- Murdy, H. W. 1964. Population dynamics and breeding biology of waterfowl on the Yellowknife study area, Northwest Territories. Progress Report 1964. U.S. Fish Wildl. Serv., Northern Prairie Wildlife Research Center, Jamestown, ND. 61pp. *Northwest Territories, breeding, chronology, brood, productivity*
- Murdy, R., and M. Anderson. 1952. Waterfowl breeding ground surveys in South Dakota. Pages 197-202 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, South Dakota, prairie potholes*
- Murdy, R., and M. Anderson. 1953. Waterfowl breeding ground survey in South Dakota. Pages 190-194 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, South Dakota*
- Murdy, R., and M. E. Anderson. 1955. Waterfowl breeding ground survey in South Dakota. Pages 187-196 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, South Dakota*
- *Murdy, H. W., D. L. Trauger, and H. K. Nelson. 1970. Waterfowl research on the Yellowknife study area, 1961-70. *Proc. Federal-Provincial Wildl. Conf.* 34:26-29. *boreal forest, Northwest Territories, population, chronology, breeding, review*
- Murkin, H. R., and J. A. Kadlec. 1986. Relationships between waterfowl and macroinvertebrate densities in a northern prairie marsh. *J. Wildl. Manage.* 50:212-217. *invertebrate, food supply, feeding ecology, prairie wetland*
- Murphy, Robert K., D. J. Schindler, and R. D. Crawford. 2004. Duck nesting on rotational and continuous grazed pastures in North Dakota. *Prairie Naturalist* 362:83-94 *nesting, nest success, grazing, habitat management, North Dakota, prairie grasslands*

- Murphy, S. M., B. Kessel, and L. J. Vining. 1984. Waterfowl populations and limnologic characteristics of taiga ponds. *J. Wildl. Manage.* 48:1156-1163. *Habitat use; arctic, limnology; Alaska*
- Murton, R. K., and J. Kear. 1973. The influence of daylight in the breeding of diving ducks. *Int. Zoo Yearbk.* 13:19-23. *Biorhythm; affinis; Aythya, breeding*
- Murton, R. K., and J. Kear. 1978. Photoperiodism in waterfowl: phasing of breeding cycles and zoogeograph. *J. Zool.* 186:243-283. *Biogeography; Breeding, biorhythm; Molt; Latitude; Phylogeny*
- *Nassar, J. R., R. H. Chabreck, and D. C. Hayden. 1988. Experimental plantings for management of crayfish and waterfowl. Pages 427-439 *in* M. W. Weller, ed. *Waterfowl In Winter*. Univ. Minnesota Press, Minneapolis. *crustacea; impoundment; winter, Habitat management; Economic value; Feeding ecology; Louisiana*
- Nation, P. N. and G. A. Wobeser. 1977. Renal coccidiosis in wild ducks in Saskatchewan. *J. Wildl. Dis.* 13:370-375. *parasitology, Saskatchewan*
- 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. *South Dakota, prairie potholes, affinis, temporal distribution, survey, habitat, population dynamics, spring migration, aerial survey*
- Naugle, D. E., R. R. Johnson, M. E. Easy, and K. F. Higgins. 2001. Temporal distribution of waterfowl in eastern South Dakota: Implications for aerial surveys. *Wetlands* 21:1-17. *South Dakota, prairie potholes, affinis, habitat use, easement, conservation, landscape ecology, wetland complex, wetland protection, habitat fragmentation*
- Naumburg, E. M. B. 1926. The bird flora of North America in relation to its distribution in South America. *Auk* 43:485-492. *distribution, South America [Ecuador - Natl. Mus. Nat. Hist. collection]*
- Nelson, A. D., and A. C. Martin. 1953. Gamebird weights. *J. Wildl. Manage.* 17:36-42. *body weight, size*
- Nelson, C. A. M. 1983. Patterns of pothole usage by foraging diving ducks in parkland habitat, southwestern Manitoba. M.S. Thesis, Univ. Manitoba, Winnipeg. 96pp. *habitat use, prairie potholes, feeding behavior, feeding ecology, affinis, Manitoba*
- Nelson, C. H. 1993. The downy waterfowl of North America. Delta Station Press, Delta Waterfowl Foundation, Deerfield, Illinois. 302pp. *duckling, plumage, affinis, marila, morphology*
- Nelson, C. H. 1996. Identification of greater scaup, *Aythya marila*, and lesser scaup, *A. affinis*, ducklings. *Can. Field-Nat.* 110:288-293. *affinis, marila, identification, morphology, duckling*
- Nelson, C. H. 1997. Eye-colour changes in flightless ducklings of lesser and greater scaup *Aythya affinis* and *Aythya marila*. *Wildfowl* 47:194-197. *identification, morphology, duckling, affinis, marila*
- Nelson, E. C., and J. S. Gashwiler. 1941. Blood parasites of some Maine waterfowl. *Me. Dep. Inland Fisheries and Game* 5(2):199-205. *parasitology, Maine, winter*
- Nelson, G. 1911. Notes on Pelican Island. *Auk* 28:393-397. *distribution, winter, Florida*
- Nelson, H. K., and R. B. Oetting. 1988. A perspective on waterfowl management on North America with

- emphasis on the mallard. Pages 71-81 *in* M. A. Johnson, ed. Proc. Mallard Symp., Bismarck, North Dakota, 1985. N. D. Game and Fish Dep. *affinis; marila; Breeding population; Population status (1955-1986); History; Habitat management*
- Nelson, N.F. 1966. Waterfowl hunting in Utah. Utah State Depart. Fish and Game, Publ. 66-10. *harvest, Utah*
- Nelson, N. F., and A. T. Klett. 1952. Waterfowl breeding ground survey in Utah. Pages 159-163 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, brood (count, size), Utah*
- Nelson, U. C. 1951. Wildlife investigations of Alaska: Minto Lakes waterfowl studies. Alas. Dep. Fish and Game 6(2):21-39. *Alaska, breeding, nesting*
- Nelson, U. C. 1953. Waterfowl breeding ground survey, 1953 in Alaska. Pages 1-6 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Alaska*
- Nelson, U. C. 1963. Wildlife investigations of Alaska.: Migratory waterfowl studies. Yukon Flats Breeding Ground Survey--summer 1953. Alas. Dep. Fish and Game; 8(1):7-38, 76-91. *Alaska, breeding population, Yukon Flats*
- Nero, R. W. 1961. The birds of northeastern Saskatchewan. Sask. Nat. Hist. Soc. Spec. Publ. No. 6. 96pp. *distribution, affinis, chronology, migration, brood*
- Nero, R. W. 1963. Birds of the Lake Athabasca Region, Saskatchewan. Sask. Nat. Hist. Soc. Spec. Publ. No. 5. 143pp. *distribution, Saskatchewan, chronology, breeding, affinis*
- Newton, A. 1867. On some new or rare birds' eggs. Proc. Zool. Soc. London, pp. 161-168. *distribution, Alaska, Yukon, eggs, breeding, historical*
- Newton, I. 2006. Can conditions experienced during migration limit the population levels of birds? Journal of Ornithology 137:146-166. *body condition, mortality, population dynamics, migration, review*
- Nichols, J. T. 1937. Numbers of certain Long Island water-fowl from Bird-Lore's Christmas census. Bird-Lore 39:431-433. *Long Island, winter*
- Nicholson, W. R. 1955. Waterfowl investigations: Waterfowl studies. Md. Dep. Game and Inland Fish, Pp. 28-51. Proj. No.: MD. W-030-R-03/ JOB 03. *Maryland, winter*
- Nightingale, B., and A. McGeehan, compilers. 1997. Recent reports. Br. Birds 90:78. *distribution*
- Norton, R. L., J. A. Yntema, and F. W. Sladen. 1986. Abundance, distribution and habitat use by Anatids in the Virgin Islands. Caribb. J. Sci. 22:99-106. *affinis; ; distribution; Population status; Behavior; Caribbean Islands; habitat use*
- Noseworthy, S. M. 1981. Distribution, sex ratios, and behavior of diving ducks on the Detroit River. M.S. thesis, Univ. Michigan. 82pp. *migration, winter, Michigan, Detroit River, sex ratio, distribution, behavior*
- Nudds, T. D. 1981. Effects of coots on duck densities in Saskatchewan parkland. Wildfowl 32:19-22. *competition, coots, prairie potholes, Saskatchewan*

- Nudds, T. D. 1983. Variation of richness, evenness, and diversity in diving and dabbling duck guilds in prairie pothole habitats. *Can. J. Zool.* 61:1547-1550. *guild; Breeding grounds; prairie potholes; Alberta; Saskatchewan*
- Nudds, T. D. 1994. Population changes in boreal forest ducks: a reply. *J. Wildl. Manage.* 58:586-587. *population, breeding, boreal forest, Northwest Territories*
- Nudds, T. D., and R. W. Cole. 1991. Changes in populations and breeding success of boreal forest ducks. *J. Wildl. Manage.* 55:569-573. *population, breeding, boreal forest, affinis, Northwest Territories*
- Nysegwander, D. R., and J. R. Evenson. 1998. Status and trends for selecting diving ducks species examined by the Marine Bird Component, Puget Sound Ambient Monitoring Program, Washington Department of Fish and Wildlife. *Proc. Puget Sound Research Conf.* 1998, 2:847-867. Puget Sound Water Quality Action Team, Olympia, WA. *Winter, distribution, Washington, California, Puget Sound, San Francisco Bay, population trend, marila, affinis (combined)*
- Nysegwander, D. R., J. R. Evenson, B. L. Murphie, and T. A. Cyra. 2001. Status and trends for a suite of marine bird species characteristic of Greater Puget Sound, as examined by the Marine Bird Component, Puget Sound Ambient Monitoring Program (PSAMP). Puget Sound Ambient Monitoring Program (PSAMP). Poster presentation for Puget Sound Research Conference, February 12-14, 2001, Bellevue, Washington. *Winter, distribution, Washington, California, Puget Sound, San Francisco Bay, population trend, marila, affinis (combined)*
- Oakleaf, B., B. Luce, S. Ritter, and A. Cerovski, eds. 1992. Wyoming bird and mammal atlas. Wyoming Game Fish Dep., Lander. *distribution, breeding, winter, Wyoming*
- Oates, E. W. 1902. Catalog of birds' eggs. II. *Brit. Mus., London.* 379pp. *eggs, breeding distribution, Alaska, fauna list*
- Oberholser, H. C. 1919. The status of the subfamily name Fuligulinae. *Proc. Biol. Soc. Wash.* 32:48. *taxonomy*
- Oberholser, H. C. 1920. Fifth annual list of proposed changes in the A.O.U. check-list of North American birds. *Auk* 37:274-285. *"Marila affinis" to "Marila marila affinis"*
- Oberholser, H. C. 1922. Seventh annual list of proposed changes in the A.O.U. check-list of North American birds. *Auk* 39:243-249. *"Marila affinis" to "Fulix affinis"*
- Oberholser, H. C. 1974. The bird life of Texas. Vol 1. Univ. Texas Press, Austin. 530pp. *distribution, winter, breeding records, migration [p. 148-150]*
- Oscarsson, U. R. Holm, and M. Svensson. 2005. Mindre bergand: ny art for Skane! [Lesser scaup: a new species for Scania!] *Anser* 44:199-200. *distribution, Scandanavia*
- Ohlendorf, H. M. and W. J. Fleming. 1988. Birds and environmental contaminants in San Francisco and Chesapeake Bays. *Marine Poll. Bull.* 19:487-495, Sept. *marila; affinis; contaminants; Pesticides; Maryland; California; Chesapeake Bay, estuarine, heavy metals*
- Ohlendorf, H. M. and M. R. Miller. 1984. Organochlorine contaminants in California waterfowl. *J. Wildl. Manage.* 48:867-877. *Pesticide; Productivity, California, winter, contaminant*

- Oldenburg, L. E. 1972. Mercury residue in Idaho wildlife. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 52:343-356. *contaminant, heavy metal, mercury, Idaho*
- Olson, G. 1998. Denali National Park and Preserve, Alaska. Arctic-subarctic biome. Pages 51-70 *in* Inventory and monitoring program annual report. Natl. Park Serv., Nat. Resour. Information Div., Fort Collins, CO. *affinis, marila, breeding (BBS), arctic, subarctic, Alaska*
- Oring, L. W. 1964. Behavior and ecology of certain ducks during the postbreeding period. J. Wildl. Manage. 28:223-233. *postbreeding, molt, behavior, habitat use*
- Oring, L. W., and R. D. Sayler. 1992. The mating systems of waterfowl. Pages 190-213 *in* B. D. J. Batt, A. D. Afton, M. G. Anderson, C. D. Ankney, D. H. Johnson, J. A. Kadlec, and G. L. Krapu, eds. Ecology and management of breeding waterfowl. Univ. Minnesota Press, Minneapolis. *breeding, courtship, pair bond, behavior, review*
- Ortiz Crespo, F. I. 1983. Ecuadorean wetlands: past, present, and future, with special mention of waterfowl. Pages 127-132 *in* Proc. First West. Hemis. Waterfowl and Waterbird Symp., Edmonton, Alberta, 1982. *Habitat; Ecuador*
- Osborne, C. 1976. Diary of the pintails. Calgary Field Naturalist 8:151-153. *injury, winter, Alberta*
- Osgood, W. H. 1909. Biological investigations in Alaska and Yukon Territory. N. Am. Fauna No. 30. 96pp. *distribution, Alaska, Yukon, eggs, historical, fauna list*
- Over, W. H., and C. S. Thoms. 1921. Birds of South Dakota. S.D. Geol. Nat. Hist. Surv. Bull. 21(9). 142pp. *distribution, historical, South Dakota, affinis, marila, nesting, prairie potholes*
- Pace, R. M., III, and A.D. Afton. 1999. Direct recovery rates of lesser scaup banded in northwest Minnesota: sources of heterogeneity. J. Wildl. Manage. 63:389-395. *banding data, Minnesota, harvest*
- Pagano, A. M. 2007. Examining detection probabilities in waterfowl pair and brood surveys in northeastern North Dakota. M.S. thesis, University of Minnesota, Minneapolis, Minnesota, USA. *Surveys, technique, detectability, brood, pair*
- Page, R. D. and J. F. Cassel. 1971. Waterfowl nesting on a railroad right-of-way in North Dakota. J. Wildl. Manage. 35:544-549. *nesting (n=1); Habitat; Rights-of-way*
- Palmer, R. S., ed. 1976. Handbook of North American birds. Vol. II. Waterfowl. Part 1. Yale Univ. Press, New Haven, CT. 521pp. *life history, distribution, plumage, molt, breeding, etc (p. 437-460)*
- Pangburn, C. H. 1919. A three-months' list of the birds of Pinellas County, Florida. Auk 36:393-405. *distribution, fauna list, historical, winter, Florida*
- Parker, L. A. 1941. Wildlife Restoration and management planning: Migratory Game Bird Division. Minn. Div. Game and Fish Oct.:47-78. Proj. No.: MINN. W-011-R-01/WK.PL.04. *Minnesota*
- Parker, L. A. 1942. Wildlife restoration and management planning: Parasitology Division. Minn. Div. Game and Fish Jul:30, 32-37. Proj. No.: MINN. W-011-R-01/WK.PL.05 /QU4. *Minnesota, parasitology*

- Parker, L. A. 1942. Wildlife Restoration and management planning: Migratory Game Bird Division. Canvasback migration study on Lake Christina. Minn. Div. Game and Fish Jul :14, 16-20. Proj. No.: MINN. W-011-R-01/WK.PL.04/JOB B /QU4. *Minnesota, Lake Christina, migration*
- Paszkowski, C. A., and W. M. Tonn. 2000. Community concordance between the fish and aquatic birds of lakes in northern Alberta, Canada: the relative importance of environmental and biotic factors. *Freshwater Biology* 43:421-437. *boreal forest, habita use, limnology, fish, feeding ecology, trophic web*
- 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. *feeding ecology, limnology, boreal, Alberta, bird community*
- Paterson, A. 1972. Birds of the Bahamas. Stephen Greene Press, Brattleboro, VT. 180pp. *distribution, Caribbean, fauna guide*
- Patterson, J. H. 1979. Can ducks be managed by regulation? Experiences in Canada. Trans. N. Am. Wildl. Nat. Res. Conf. 44:130-140. *affinis; marila; Harvest regulation; Harvest; Population*
- Patterson, L. A. and A. N. Wiseley. 1975. Aerial surveys of water bird populations along the Fort Simpson realignment of the proposed arctic gas pipeline route, Alberta and Northwest Territories, May-September, 1975. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 35. 42pp. *Disturbances, habitat; Pipeline; Canada; Population; marila; affinis; Alberta, Northwest Territories, survey*
- Patton, J. C., and J. C. Avise. 1986. Evolutionary genetics of birds. IV: Rates of protein divergence in waterfowl (Anatidae). *Genetica* 68:129-143. *marila; affinis; ; Phylogeny, evolution*
- Pauls, K., and R. W. Knapton. 1993. Submerged macrophytes of Long Point's Inner Bay: their distribution and value for waterfowl. Long Point Environmental Folio Publication Series, Technical Paper 1. J. G. Nelson and P. L. Lawrence, editors. Heritage Resource Centre, University of Waterloo, Waterloo, Ontario.
- Paulus, S. L. 1988. Time-activity budgets of nonbreeding Anatidae: a review. Pages 135-152 *in* M. W. Weller, ed. *Waterfowl In Winter*, Univ. Minnesota Press, Minneapolis. *affinis; marila; time-activity budget; behavior; weather; postbreeding, winter, review*
- Pearce, P. A., I. M. Price, and L. M. Reynolds. 1976. Mercury in waterfowl from eastern Canada. *J. Wildl. Manage.* 40:694-703. *contaminant, heavy metal; marila; affinis; Ontario; Quebec; New Brunswick; Nova Scotia; Newfoundland*
- Peck, G. K., and R. D. James. 1983. Breeding birds of Ontario: nidiology and distribution. Vol. 1: Nonpasserines. Royal Ont. Mus. Life Sci. Misc. Publ., Toronto. 321pp. *distribution, nesting, eggs, Ontario, breeding*
- Peden, D. G. 1977. Waterfowl use of exotic wild rice habitat in northern Saskatchewan. *Can. Field-Nat.* 91:286-287. *Population change; Food supply; Zizania aquatica; depredation; habitat use*
- Pederson, R. L., D. G. Jorde, and S. G. Simpson. 1989. Northern Great Plains. Pages 281-310 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. *Habitat management for migrating and wintering waterfowl in North America*. Texas Tech Univ. Press, Lubbock. *winter, Great Plains, Montana, Nebraska, distribution, riverine, Central flyway, review*

- Pelzl, H. W. 1971. Nest parasitism by red-breasted mergansers in Wisconsin. *Auk* 88:184-185. *nesting, nest parasitism, Wisconsin*
- Perez-Arteaga, A., and K. J. Gaston. 2004. Wildfowl population trends in Mexico, 1961-2000: a basis for conservation planning. *Biological Conservation* 115:343-355. *Population, survey, winter, Mexico, distribution*
- Pérez-Arteaga, A., S. F. Jackson, E. Carrera, and K. J. Gaston. 2005. Priority sites for wildfowl conservation in Mexico. *Animal Conservation* 8:41-50. *distribution, population, winter, Mexico, habitat conservation*
- Perkins, G. A. and J. S. Lawrence. 1985. Bird use of wetlands created by surface mining. *Trans. Ill. State Acad. Sci.* 78(1/2):87-95. *habitat disturbance; Habitat changes; Water levels; affinis; ; Breeding behavior; Illinois*
- Perrins, C. 1961. The "lesser scaup" problem. *Br. Birds* 54:49-54. *identification, hybridization, Eurasian Pochards x fuligula*
- Perry, M. C. 1987. Waterfowl of Chesapeake Bay. Pages 94-114 *in* S.K. Majumdar, L.W. Hall, Jr., and H.M. Austin, eds. *Contaminant Problems and Management of Living Chesapeake Bay Resources*. Penna. Acad. Sci., Easton, Penna. *affinis; marila; winter; contaminants; heavy metals; Population status (1948-1986); History; Chesapeake Bay; Habitat Change*
- Perry, M. C., R. E. Munro, and G. M. Haramis. 1981. Twenty-five year trends in diving duck populations in Chesapeake Bay. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 46:299-310. *population changes, winter, marila, affinis, Chesapeake Bay*
- Perry, M. C., and F. M. Uhler. 1982. Food habits of diving ducks in the Carolinas. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 36:492-504. *food habits, winter, Aythya spp, marila, affinis, North Carolina, South Carolina*
- Peterjohn, B. G., R. L. Hannikman, J. M. Hoffman, and E. J. Tramer. 1987. Abundance and distribution of the birds of Ohio. *Ohio Biol. Surv. Biol. Notes No.* 19. 52pp. *distribution, fauna list, marila, affinis, Ohio*
- Peterson, S. R. 1969. Statewide waterfowl management study.: ecology of waterfowl in the Uinta Mountains. Utah State Dept. Fish and Game. 57pp. Proj. No.: Utah W-029-R-22/WK.PL. C/JOB 01/FIN. *Utah, habitat use, Uinta Mountains*
- Petrides, G. A. 1944. Sex ratios in ducks. *Auk* 61:564-571. *sex ratio, winter, breeding*
- Petrides, G. A., and C. R. Bryant. 1951. An analysis of the 1949-50 fowl cholera epizootic in Texas Panhandle waterfowl. *Trans. N. Am. Wildl. Conf.* 16:193-216. *disease, cholera, Texas, winter*
- Petrie, S. 1999. What's up (or down) with scaup? *Long Point Bird Obs. Newsl.* (Port Rowan, Ontario, Canada) 31(1):9. *popular literature, affinis, marila, population status, migration, winter, review*
- Petrie, S. A. 1998. Waterfowl and wetlands of Long Point Bay and old Norfolk County: present conditions and future options for conservation. Unpublished Norfolk Land Stewardship Council Report. Long Point Waterfowl and Wetlands Research Fund, Port Rowan, Ontario. 182pp. *spring migration, fall migration, habitat use, food resources, feeding ecology, zebra mussels, Great Lakes, Lake Ontario*
- Petrie, S.A. 2003. Selenium in scaup: a disturbing trend in the Great Lakes. *BirdWatch Canada: Summer 2003*, 28:9-13. *contaminants, selenium, Great Lakes*

- Petrie, S. A., S. S. Badzinski, and K. G. Drouillard. 2007. Contaminants in lesser and greater scaup staging on the lower Great Lakes. *Archives for Environmental Contaminants and Toxicology* 52:580–589. *contaminants, heavy metals, Lake Erie, Great Lakes, winter, migration, marila, affinis*
- 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. *affinis + marila combined, food habits, Great Lakes, zebra mussel*
- Petrie, S. A. and M. L. Schummer. 2002. Waterfowl response to zebra mussels on the lower Great Lakes. *Birding*. Aug *zebra mussels, spring migration, population, food resources, feeding ecology*
- Philipp, M. C., and M. D. Hoy. 1997. Lesser scaup depredation and economic impact at baitfish facilities in Arkansas. Pages 156-161 in C. D. Lee and S. E. Hygnstrom, editors. Thirteenth Great Plains Wildlife Damage Control Workshop Proceedings. Kansas State University Press, Manhattan, Kansas.
- Phillips, A. R., J. Marshall, and G. Monson. 1964. The birds of Arizona. Univ. Arizona Press, Tuscon. 212pp. *fauna guide, Arizona, migration, winter*
- Phillips, J. C. 1911a. A year's collecting in the state of Tamaulipas, Mexico. *Auk* 28:67-89. *winter, Mexico, distribution*
- Phillips, J. C. 1911b. Ten years of observations on the migration of *Anatidae* at Wenham, Massachusetts. *Auk* 28:188-200. *migration, chronology, Massachusetts, Atlantic flyway, harvest, food habits*
- Phillips, J. C. 1923. A natural history of the ducks. Vol. II. Houghton Mifflin Co. (The Riverside Press, Cambridge), Boston, MA. 409pp. [Dover reprint] *life history, historical, plumage, distribution, hybrids [p. 306-329]*
- Phillips, J.D., and F.C. Lincoln. 1930. American waterfowl, their present situation and the outlook for their future. Houghton-Mifflin Co., Boston, MA. 312pp. *habitat loss, historic*
- Pierre, J. P. 2001. Effects of forest harvesting disturbance on aquatic birds in the boreal forest of Alberta. Dissertation, University of Alberta, Edmonton, Canada.
- Piest, L. A. 1981. Evaluation of waterfowl habitat improvements on the Apache-Sitgreaves National Forest, Arizona. Final report. USDA For. Serv., Southwestern Region, Albuquerque, NM. 119pp. *habitat use, breeding record, migration, winter, Arizona*
- Pillatzki, A. E. 2007. Hepatic element concentrations and gross and histological examinations of spring migrating lesser scaup (*Aythya Affinis*) in the Upper Midwest. M.S. thesis, South Dakota State University, Brookings, South Dakota, USA. *Contaminants, physiology, spring migration, South Dakota, prairie potholes*
- Pirnie, M. D. 1928. The plumage changes of certain water fowl. Ph.D. diss., Cornell Univ., Ithaca, N.Y. 174pp. *plumage, molt*
- Pirnie, M. D. 1935. Michigan waterfowl management. Mich. Dep. Conserv., Game Div., Lansing. 328pp. *food habits, Michigan, migration*
- Pitelka, F. A. 1948. Notes on the distribution and taxonomy of Mexican game birds. *Condor* 50:113-123.

taxonomy, Mexico, distribution, winter

Pitelka, F. A. 1974. An avifaunal review for the Barrow region and North Slope of arctic Alaska. *Arctic and Alpine Res.* 6:161-184. *distribution, arctic coastal plain, nonbreeding, scaup*

Platte, R. M. 2003. Waterbird abundance and distribution on the Tanana/Kuskokwim lowlands, Alaska, 2001–2003. Unpublished report, U.S. Fish and Wildlife Service, Anchorage, AK, USA. 12 pp. *Alaska, breeding, distribution, boreal, Yukon Flats NWR, Minto Lake, Yukon Delta NWR, arctic coastal plain, Bristol Bay, Innoko NWR, Selawik NWR, Kannuti NWR, <http://alaska.fws.gov/mbsp/mbm/waterfowl/surveys/tankusx/taku0102.pdf>*

Porsild, A. E. 1943. Birds of the MacKenzie Delta. *Can. Field-Nat.* 57:(2-3):19-35. *distribution, Northwest Territories, breeding [p. 23-24]*

Pollock, B., and K. L. Machen. 2008. Effects of cadmium, mercury, and selenium on reproductive indices in male lesser scaup (*Aythya affinis*) in the western boreal forest. *Archives Environmental Contaminants and Toxicology* 54:730–739. *contaminants, heavy metals, reproduction, boreal forest*

Pollock, B., and K. L. Machen. 2008. Corticosterone in relation to tissue cadmium, mercury and selenium concentrations and social status of male lesser scaup (*Aythya affinis*). *Ecotoxicology* DOI 10:1007/s10646-008-0250-9.

Poulton, V. K. 2002. Behavior of scaup ducks relative to seasonal abundance and dispersion of their benthic prey in San Pablo Bay, California. M.S. thesis, University of Wyoming, Laramie. 56pp.

Poulton, V. K., J. R. Lovvorn, and J. Y. Takekawa. 2002. Clam density and scaup feeding behavior in San Pablo Bay, California. *Condor* 104:518-527. *Winter, feeding ecology, behavior, affinis, marila, population, California, mollusc*

Praeger, W. E. 1925. The birds of the Des Moines Rapids. *Auk* 42:563-577. *distribution, brood, Iowa, breeding, migration, chronology*

Pratt, H. D., P. L. Bruner, and D. G. Berrett. 1987. A field guide to the birds of Hawaii and the tropical Pacific. Princeton Univ. Press, Princeton, NJ. 409pp. *fauna guide, Hawaii, Pacific islands, distribution, winter [casual]*

Preble, E. A. 1902. A biological investigation of the Hudson Bay region. N. Am. Fauna No. 22. 140pp. *distribution [p. 85], fauna list*

Preble, E. A. 1908. A biological investigation of the Athabaska-MacKenzie Region. N. Am. Fauna No. 27. 574pp. *distribution, breeding, Northwest Territories [p.285-6]*

Preston, M.I. 1998. The Birds of Bow Valley Provincial Park: Ecology and Status. Calgary Field Naturalists' Society, Calgary, Alberta. *ecology, distribution, habitat, nesting, occurrence, Alberta*

Prevost, M. B. 1986. Management of plant communities for waterfowl in coastal South Carolina. Pages 168-183 *in* Waterfowl and Wetlands Symposium: Proceedings of A Symposium On Waterfowl and Wetlands Management in the Coastal Zone of The Atlantic Flyway. Del. Dep. Nat. Resour. Environ. Control, Div. Fish Wildlife and Dela. Coastal Manage. Progr., Dover, Del. *feeding ecology; Habitat Management, estuarine*

Price, E. W. 1934. Loss among wild ducks due to infestation with *Sphaeridiotrema globulus* (Rudolphi) (Trematoda; Psilostomidae). *Proc. Helminthol. Soc. Wash.* 1:31-34. *parasitology, Washington, mortality*

- Price, E. W. 1942. A new trematode of the family Psilostomatidae from the lesser scaup duck, *Marila affinis*. Proc. Helminthol. Soc. Wash. 9:30-31. *parasitology*
- Price, E. W. 1942. A new trematode of the family Psilostomatidae from the lesser scaup duck, *Marila affinis*. Proc. Helminthological Soc. Washington 9:30-31. *parasitology*
- Price, R. D. 1971. A review of the genus *Holomenopon* (Mallophaga: Menoponidae) from the Anseriformes. Entomol. Soc. America. Annals 64(3):633-646. *Parasitology; marila; affinis*
- Pyle, R. L. 2002. Checklist of the birds of Hawai'i – 2002. `Elepaio 62:137-148. *distribution, winter (visitor), Hawaii*
- Quay, T. L., and T. S. Critcher. 1962. Food habits of waterfowl in Currituck Sound, North Carolina. Proc. Annu. Conf. Southeast. Assoc. Game and Fish Comm. 16:200-209. *food habits, winter, North Carolina*
- Quick, J. A., Jr., and G. E. Henderson. 1975. Effects of *Gymnodinium breve* red tide on fishes and birds: a preliminary report on behavior, anatomy, hematology, and histopathology. Pages 85-113 *in* Proc. Gulf Coast Regional Symp. On Dis. Aquatic Animals, Baton Rouge, 1974. *affinis; Pollutants (natural); toxicity; Florida, pathology; disease*
- Quortrup, E.R., and J.W. Shillinger. 1941. 3,000 wild bird autopsies on western lake area. J. Am. Vet.Med. Assoc. 99(776):382-387. *mortality*
- Rabunal, J. L. 1993. [Lesser scaup (*Aythya affinis*)]. Garcilla 88:20-21. [in spanish] *distribution, Europe*
- Raffaele, H. A. 1983. A guide to the birds of Puerto Rico and the Virgin Islands. Fondo Educativo Interamericano, San Juan, PR. 253pp. *distribution, Caribbean, fauna guide*
- Raikow, R. J. 1973. Locomotor mechanisms in North American ducks. Wilson Bull. 85:295-307. *morphology, locomotion, diving*
- Rand, A. L. 1948. Birds of southern Alberta. Can. Dep. Mines Resour., Mines, Forests, and Sci. Serv. Branch. Natl. Mus. Can. Bull. No. 111. Biol. Ser. No. 37. 105pp. *distribution, Alberta, grassland, historical, affinis, breeding, clutch size*
- Randler, C. 2000. Die bestimmung von tauchentenhybriden der gattung Aythya. [Identification of diving duck *Aythya* hybrids.] Limicola 14:1-35. *hybridization, affinis, marila*
- Randler, C. 2004. Frequency of bird hybrids: does detectability make all the difference? Journal of Ornithology 145:123–128. *hybridization, affinis, marila*
- Randler, C. 2008. Hybrid wildfowl in central Europe – an overview. Waterbirds 31:143–146. *hybridization, affinis, marila, Europe*
- Rankin, J. S., Jr. 1939. Studies on the trematode family Microphallidae, Travassos, 1921. III. The genus *Maritrema* Nicoll 1907, with description of a new species and a new genus, *Maritremoides*. Am. Midl. Nat. 22: 438-451. *parasitology*
- Rasmussen, L., and P.Wright. 1990. Wildlife impact assessment: Bonneville, McNary, The Dalles, and John

Day Projects. Annual report 1989. DOE/BP/92430-1. Tech. Information Center, Oak Ridge, TN. 195pp. *habitat change, habitat survey, hydroelectric development, Oregon, Washington.*

Rathbun, S. F. 1915. List of water and shore birds of the Puget Sound region in the vicinity of Seattle. Auk 32:459-465. *fauna list, distribution, Washington, winter, historical*

Rawls, C. K., Jr. 1953. Reelfoot Lake waterfowl research: Food habit study. Tenn. Game and Fish Comm. Oct:1-9. Proj. No.: TENN. W-022-R-03/WK.PL. H /QU1. *Tennessee, food habits*

Rawls, C.K. 1956. Reelfoot Lake waterfowl research : A three year waterfowl kill on Reelfoot Lake, Tennessee. Food habits Study of waterfowl. Tenn. Game and Fish Commission. 126pp. Proj. No.: TENN. W-022-R-06 /FIN *Tennessee, mortality, food habits*

Ray, James D., B. D. Sullivan, and H. W. Miller. 2003. Breeding ducks and their habitats in the High Plains of Texas. Southwestern Naturalist 48:241-248. *distribution, Texas, breeding (season; no nest)*

Ray, M. S. 1916. More summer birds for San Francisco County. Condor 18:222-227. *distribution, California, breeding, brood, Stow Lake*

Reed, A., R. Benoit, R. Lalumière, and M. Julien. 1996. Duck use of the coastal habitats of northeastern James Bay. Can. Wildl. Serv. Occas. Pap. No. 90. 47pp. *habitat use, arctic, James Bay, distribution, nonbreeding, molting, marila, affinis*

Reed, B. 1996. Lesser scaup at Tyttenhanger ■ new to the London area. Lond. Bird Rep. No. 61:181-182. *United Kingdom, distribution*

Rees, J. R. 1982. Potential uses of cattle grazing to manage waterfowl nesting cover on Turnbull National Wildlife Refuge. Pages 86-93 *in* Proc. Wildlife-Livestock Relationships Symp., Coeur D'alene, Idaho, 1981. Idaho Univ. For. Wildl. Range Exp. Sta., Moscow, Idaho, *Breeding biology; Interspecific relations; grazing; Habitat management; Livestock; Habitat changes; Washington*

Reeves, D. A. 1980. Use of three southern Michigan lakes by waterbirds during spring migration. M.S. thesis, Michigan State Univ. 42pp. *habitat use, distribution, Michigan, migration, interspecific relations, chronology*

Reeves, H., M. Lundy, and F. Kreller. 1955. Waterfowl breeding ground survey - success study area - Saskatchewan, 1955. Pages 54-62 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, Saskatchewan, brood (count, size), production*

Reid, F. A., J. R. Kelley, Jr., T. S. Taylor, and L. H. Fredrickson. 1989. Upper Mississippi Valley wetlands--refuges and moist-soil impoundments. Pages 181-202 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. Habitat management for migrating and wintering waterfowl in North America. Texas Tech. Univ. Press, Lubbock. *habitat management, migration, winter, review, Mississippi River, moist-soil, impoundment, Mississippi flyway*

Reilly, J. R. 1954. Research in wildlife pathology and physiology: Evaluation of the incidence of ingested lead shot and of shot wounds in migratory waterfowl. N.Y. State Div. Fish and Game. 3pp. Proj. No.: N.Y. W-035-R-08/WK.PL.02/JOB F. *lead poisoning, lead shot, contaminant, injury, hunting*

Reimchen, T. E., and S. Douglas. 1984. Seasonal and diurnal abundance of aquatic birds on the Drizzle Lake Reserve, Queen Charlotte Islands, British Columbia. Can. Field-Nat. 98:22-28. *marila; affinis; Feeding*

behavior; Movements; distribution; migration, winter

Reinecke, K. J., R. M. Kaminski, D. J. Moorhead, J. D. Hodges, and J. R. Nassar. 1989. Mississippi Alluvial Valley. Pages 203-247 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. Habitat management for migrating and wintering waterfowl in North America. Texas Tech. Univ. Press, Lubbock. *habitat use, migration, winter, review, Mississippi River, Mississippi flyway*

Renaud, W. E., and D. H. Renaud. 1975. Birds of the Rosetown-Biggar district, Saskatchewan. Sask. Nat. Hist. Soc. Spec. Publ. No. 9. 121pp. *distribution, chronology, marila, affinis, Saskatchewan*

Richardson, W. J., and S. R. Johnson. 1981. Waterbird migration near the Yukon and Alaskan coast of the Beaufort Sea: I. Timing, routes and numbers in spring. Arctic 34:108-121. *marila, affinis; Alaska; Yukon territory; Arctic; migration; spring*

Richman, S. E., and J. R. Lovvorn. 2004. Relative foraging value to lesser scaup ducks of native and exotic clams from San Francisco Bay. Ecological Applications 14:1217-1231. *feeding ecology, nutrition, winter ecology, invasives, San Francisco Bay, California, Pacific Flyway*

Ridgway, R. 1883. Geographical variation in size among certain Anatidae and Gruidae. Bull. Nuttall Ornithol. Club. 8:62. *distribution, body size, taxonomy*

Rieffenberger, J. C. 1968. Migratory bird investigations: waterfowl studies. Waterfowl banding. W. Va. Div. Game and Fish. 17pp. Proj. No.: W.VA. W-037-R-11/WK.PL.01/JOB 01. *banding data, West Virginia*

Rienecker, W. C., and W. Anderson. 1960. A waterfowl nesting study on Tule Lake and Lower Klamath National Wildlife Refuges, 1957. Calif. Fish Game 46:481-506. *nesting, brood, eggs, clutch, productivity, California*

*Ringelman, J. K., W. R. Eddleman, and H. W. Miller. 1989. High Plains reservoirs and sloughs. Pages 311-340 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. Habitat management of migrating and wintering waterfowl in North America. Texas Tech Univ. Press, Lubbock. *winter, distribution, Central flyway, review*

Robbins, C. T. 1983. Wildlife feeding and nutrition. Academic Press, New York. 343pp. *Feeding ecology; Food habits; nutrition; Metabolism; Energy*

Robbins, S. D. 1991. Wisconsin birdlife. Univ. Wisconsin Press, Madison. 702pp. *fauna guide, distribution, breeding, migration, winter, Wisconsin*

Roberson, J. A. 1977. Variables associated with breeding waterfowl on South Dakota stock ponds. M.S. thesis, South Dakota State Univ., Brookings. 103pp. *habitat use, stock pond, South Dakota, breeding*

Roberts, T. S. 1932. The birds of Minnesota. Vol. 1. Mus. Nat. Hist. Univ. Minnesota Press, Minneapolis. 691pp. *fauna guide, distribution, migration, breeding, chronology, historical, Minnesota [p. 263-265]*

Rodway, M. S. 2007. Timing of pairing in waterfowl 1. Reviewing the data and extending the theory. Waterbirds 30:488-505. *pairing, behavior, chronology, review*

Rogers, J. P. 1959. Low water and lesser scaup reproduction near Erickson, Manitoba. Trans. N. Am. Wildl. Conf. 24:216-224. *breeding biology, nesting, reproduction, drought, affinis, prairie potoholes, Manitoba*

- Rogers, J. P. 1962. The ecological effects of drought on reproduction of the lesser scaup, *Aythya affinis* (Eyton). Ph.D. diss., Univ. Missouri, Columbia. 99pp. *nesting, reproduction, drought, Manitoba, prairie potholes, parkland*
- Rogers, J. P. 1964. A decoy trap for male lesser scaups. J. Wildl. Manage. 28:408-410. *capture technique; Decoy Trap*
- Rogers, J. P. 1964. Effect of drought on reproduction of the lesser scaup. J. Wildl. Manage. 28:213-222. *Breeding Biology; nesting; Recruitment; Drought, Manitoba, prairie potholes, parkland*
- Rogers, J. P., and L. J. Korschgen. 1966. Foods of lesser scaups on breeding, migration, and wintering areas. J. Wildl. Manage. 30:258-264. *Food Habits, Annual Cycle; migration, winter, breeding biology*
- Rohwer, F. C. 1988. Inter- and intraspecific relationships between egg size and clutch size in waterfowl. Auk 105:161-176. *egg mass, clutch size*
- Rohwer, F. C. 1992. The evolution of reproductive patterns in waterfowl. Pages 486-539 *in* B. D. J. Batt, A. D. Afton, M. G. Anderson, C. D. Ankney, D. H. Johnson, J. A. Kadlec, and G. L. Krapu, eds. Ecology and management of breeding waterfowl. Univ. Minnesota Press, Minneapolis. *breeding, nesting, clutch size (519-Fig f)*
- Rohwer, F. C., and M. G. Anderson. 1988. Female-based philopatry, monogamy, and the timing of pair formation in migratory waterfowl. Current Ornithol. 5:187-221. Plenum Press, New York, NY. *Breeding behavior; courtship behavior; endocrinology; Biorhythm*
- Root, T. 1988. Atlas of wintering North American birds. An analysis of Christmas bird count data. Univ. Chicago Press, Chicago, IL. 312pp. *distribution, wintering*
- Roscoe, D. E., F. Ferrigno, and L. Widjeskog. 1981. Steel shot program: lead poisoning. N.J. Dep. Environ. Prot. NJ W-058-R-03/Job IV-B/Study No. IV. 13pp. *lead poisoning, New Jersey, winter*
- Roscoe, D. E., F. Ferrigno, and L. Widjeskog. 1983. Wetlands ecology: lead poisoning. U.S. Fish Wildl. Serv. Perf. Rep. NJ W-058-R-06/Job IV-B/Study No. IV. 10pp. *lead poisoning, New Jersey, winter*
- Rosen, M. N. 1964. Aspergillosis in wild and domestic fowl. Avian Dis. 8:1-6. *disease*
- Ross, C. C. 1963. Albinism among North American birds. Cassinia 47:1-21. *plumage*
- Ross, R. K. 1982. Duck distribution along the James and Hudson Bay coasts of Ontario. Nat. Can. 109:927-932. (in english, french summary) *scaup, Habitat; distribution; Population; Migration; James Bay; Hudson Bay; Ontario*
- Ross, R. K. 1984a. Migrant waterfowl use of the major shorelines of eastern Ontario. Pages 53-62 *in* S. G. Curtis, D. G. Dennis, and H. Boyd, eds. Waterfowl studies in Ontario, 1973-81. Can. Wildl. Serv. Occas. Pap. No. 54. *distribution, migration, habitat use, Great Lakes, Ontario, Atlantic flyway*
- 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. 2002. *Distribution, Ontario, breeding, boreal forest*

- Ross, R. K., S. A. Petri, 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. *feeding ecology, Great Lakes, Ontario, zebra mussel*
- Rotella, J. J., R. G. Clark, and A. D. Afton. 2003. Survival of female lesser scaup: effects of body size, age, and reproductive effort. *Condor* 105:336-347. *Breeding, survival, morphology, survival, reproduction, nesting, Manitoba, Saskatchewan, prairie pothole region, parkland*
- 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* 35:277-283. *contaminants, heavy metals, marila, affinis, Alaska, breeding*
- Roletto, J., J. Mortenson, I. Harrald, J. Hall, and L. Grella. 2003. Beached bird surveys and chronic oil pollution in Central California. *Marine Ornithology* 31:21-28. *pollution, oil, mortality, California, weather, El Niño-Southern Oscillation (ENSO)*
- Rowan, W. 1922. Some bird notes from Indian Bay, Man. *Auk* 39:224-232. *distribution, Manitoba (Shoal Lake), boreal forest, summery*
- Rowinski, L. J. 1958. A review of waterfowl investigations and a comparison of aerial and ground censusing of waterfowl at Minto Flats. Mimeogr. rep. 112pp. *nesting [nest success], Alaska, boreal forest [cited in Bellrose 1980]*
- Roy, J. F. 1964. An introduction to the birds of the Elbow. *Sask. Nat. Hist. Soc., Regina, SK.* 33pp. *distribution, affinis, Saskatchewan*
- Roznik, F., J. Raber, D. Olson, L. Lintereur, L. Kernen, J. Korotev, and R. Cook. 1979. Green Bay Shores master plan concept element. *Wis. Dep. Nat. Resour., Madison.* 54pp. *distribution, migration, Great Lakes, Wisconsin, Mississippi flyway [in Bookhout et al. 89]*
- Rundquist, V. M. 1973. Avian ecology on stock ponds in two vegetational types in north-central Montana. Ph.D. diss., Montana State Univ., Bozeman. 116pp. *nesting, stock pond, impoundment, grassland, Montana*
- Rutherford, W. H. 1966. Chronology of waterfowl migration in Colorado. *Colo. Div. Wildl., Game Inf. Leaflet.* No. 40pp. *migration, chronology, Colorado*
- Rutherford, W. H., and C. R. Hayes. 1976. Stratification as a means for improving waterfowl surveys. *Wildl. Soc. Bull.* 4:74-78. *Population; Census methods*
- Ruthrauff, D. R., T. L. Tibbitts, R. E. Gill, Jr., and C. M. Handel. 2007. Inventory of montane-nesting birds in Katmai and Lake Clark National Parks and Preserves. Unpublished final report for National Park Service. U. S. Geological Survey, Alaska Science Center, Anchorage, AK. *Distribution, breeding, National Park, Alaska, marila, affinis*
- Ruthven, J. A., and W. H. Zimmerman. 1976. Top flight speed index to waterfowl of North America. 7th ed. Moebius Printing Co., Milwaukee, Wisc. 112pp. *fauna guide*
- Ryan, R. A. 1972. Body weight and weight changes of wintering diving ducks. *J. Wildl. Manage.* 36:759-765. *body weight, winter, marila, affinis*

- Sadler, T.S., and M.T. Myres, compilers. 1976. Alberta birds, 1961-1970, with particular reference to migration. Prov. Mus. Alberta Nat. Hist. Occas. Pap. No. 1. 314pp. *affinis*, *Alberta*, *migration*, *chronology*, *distribution*, *winter* [p. 71-72]
- Safe Energy Council. 2001. Chapter 3: Dying for a dollar. Pages 53-60 *in* License to Kill. How the nuclear power industry destroys marine wildlife and ocean habitat to save money. Report released by Safe Energy Council, Washington, D.C., February 2001. <http://www.safeenergy.org/chapter%203.pdf>. *mortality*, *drowning*, *winter*, *Great Lakes*, *power plant*, *marila/affinis*
- Salt, W.R., and J.R. Salt. 1976. The birds of Alberta, with their ranges in Saskatchewan and Manitoba. Hurtig Publ., Edmonton, Alberta. 498pp. *affinis* [p. 59], *marila* [p. 58], *distribution*, *Alberta*
- Salt, W. R., and A. L. Wilk. 1958. The birds of Alberta. Gov. Alberta Dep. Econ. Affairs, Edmonton. 511pp. *affinis* [p. 70], *marila* [p. 69], *distribution*, *Alberta*, *prairie potholes*
- Salter, R. L. 1952. Waterfowl breeding ground survey in Idaho. Pages 156-158 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding*, *brood* (*count*, *size*), *Idaho*
- Salter, R. L. 1953. Waterfowl breeding ground survey in Idaho. Pages 152-154 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population*, *Idaho*
- Salter, R. L. 1955. Statewide game bird survey and investigation: harvest information. Ida. Fish and Game Dep. 69pp. Proj. No.: IDA. W-096-R-05/WK.PL.01/JOB D. *Idaho*, *survey*, *harvest*
- Salter, R. L. 1955. Waterfowl breeding ground survey in Idaho, 1955. Pages 157-163 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population*, *Idaho*, *brood* (*count*, *size*)
- Salter, R. 1974. Aerial surveys of bird populations along the proposed gas pipeline route and along the adjacent Norman Wells to Richards Island and In-And-Out Lake to Fort McPherson areas, Northwest Territories, June 1-August 2, 1973. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 28. 127pp. *habitat disturbance*; *Pipeline*; *Mackenzie territory*; *marila*; *affinis*; *Population*; *Fauna Guide*; *surveys*
- Salter, R. 1974. Autumn migration of birds through the central and upper Mackenzie Valley region, 1972. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 13. 32-82pp. *marila*; *affinis*; *fall migration*; *Mackenzie Territory*
- Salter, R. 1974b. Spring migration of birds in the Upper Mackenzie Valley, May, 1972. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 13. 31pp. *marila*; *affinis*; *spring migration*; *Mackenzie Territory*
- Salter, R. and R. A. Davis. 1974. Surveys of terrestrial bird populations in Alaska, Yukon Territory, Northwest Territories and northern Alberta, May, June, July, 1972. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 12. 384pp. *Pipeline*; *habitat disturbance*; *Fauna guide*; *affinis*; *marila*; *Population*
- 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. Can. Field-Nat.

94:219-238. *Fauna guide; marila; affinis; migration; distribution; Yukon, Northwest Territories*

Salter, R., W. J. Richardson, and C. Holdsworth. 1974. Spring migration of birds through the Mackenzie Valley, N.W.T., April-May, 1973. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 28. 168p. *habitat disturbance; Pipeline; Mackenzie territory; affinis; marila; ; Population; spring migration*

Sanderson, G. C., and F. C. Bellrose. 1986. A review of the problem of lead poisoning in waterfowl. III. Nat. Hist. Surv. Spec. Publ. 4. 34pp. *affinis; marila; Disease; lead poisoning; contaminant*

San Francisco Field Ornithologists. 2003. San Francisco Breeding Bird Atlas.

<http://www.sffo.org/Breeding%20Ecology/San%20Francisco%20Breeding%20Bird%20Atlas.pdf>

Distribution, historic breeding, California, San Francisco Bay

Sandilands, A. 2005. Birds of Ontario: Habitat requirements, limiting factors, and status. Volume 1: Nonpasserines, Loons through Cranes. University of British Columbia Press, Vancouver, BC. *Habitat use, population, distribution, British Columbia*

Sands, J. L. 1981. Game bird studies: waterfowl poisoning and disease investigations. New Mexico Game and Fish Dep. Performance Rep. NM W-104-R-21/Wk Pl. 10/Job 08. 5pp. *lead poisoning, disease, New Mexico*

Sangster, M. E. 1977. Spring waterfowl migration in the Uinta Basin of northeastern Utah. Great Basin Nat. 37:274-278. *spring migration, Utah*

Sankowski, T. P., and B. L. Joynt. 1992. Completed project evaluation in the Peace River Region of northwestern Alberta, 1989-1991. Unpubl. rep., Inst. Wetland and Waterfowl Res., Ducks Unlimited-Canada, Winnipeg, Manitoba. 51pp. *population, Peace River, Alberta, breeding, habitat use, brood, productivity, nest success*

Sankowski, T. P., and K. A. Thompson. 1992. Evaluation of wetland habitat and duck populations on the Bezanson landscape in the Peace River Parklands. Unpubl. rep., Inst. Wetland and Waterfowl Res., Ducks Unlimited-Canada, Winnipeg, Manitoba. 24pp. *population, Peace River, Alberta, breeding, brood*

Sargeant, A. B. 1981. Road casualties of prairie nesting ducks. Wildl. Soc. Bull. 9:65-69. *nesting, mortality, right-of-way, prairie potholes*

Sargeant, A. B., S. H. Allen, and R. T. Eberhardt. 1984. Red fox predation on breeding ducks in midcontinent North America. Wildl. Monogr. 89. 41pp. *predation, adult, breeding, Vulpes vulpes*

Sargeant, A. B., and L. E. Eberhardt. 1975. Death feigning by ducks in response to predation by red foxes (*Vulpes fulva*). Am. Midland Nat. 94:108-119. *behavior; North Dakota; Vulpes vulpes, predation*

*Sargeant, A. B., and D. G. Raveling. 1992. Mortality during the breeding season. Pages 396-422 *in* B. D. J. Batt, A. D. Afton, M. G. Anderson, C. D. Ankney, D. H. Johnson, J. A. Kadlec, and G. L. Krapu, eds. Ecology and management of breeding waterfowl. Univ. Minnesota Press, Minneapolis. *breeding, predation, mortality, review*

Sauer, J.S., R.A. Cole, and J.M. Nissen. 2007. Finding the exotic faucet snail (*Bithynia tentaculata*): investigation of waterbird die-offs on the Upper Mississippi River National Wildlife and Fish Refuge. USGS Open-File Report 2007-1065. *disease, mortality, Mississippi River, invasive species, faucet snail, trematode,*

affinis, marila

- Saunders, A. A. 1914. The birds of Teton and northern Lewis and Clark Counties, Montana. Condor 16:124-144. *distribution, historical, Montana, breeding "common" on alkaline lakes*[p. 128]
- Saunders, A. A. 1921. A distributional list of the birds of Montana. Pacific Coast Avifauna No. 14. Cooper Ornithol. Club, Berkeley, CA. 194pp. *distribution, Montana, breeding, migration, chronology, Montana* [p. 37]
- Saunders, G. B., A. D. Holloway, and C. O. Handley, Jr. 1950. A fish and wildlife survey of Guatemala. U.S. Fish Wildl. Spec. Sci. Rep. Wildl. 5. 162pp. *distribution, Central America, winter*
- Saunders, G. B., and D. C. Saunders. 1981. Waterfowl and their wintering grounds in Mexico, 1937-64. U.S. Fish Wildl. Serv. Resour. Publ. No. 138. 151pp. *affinis; ; winter; Habitat; Census methods; History, Mexico*
- 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. *habitat use, wetland, limnology, water quality, prairie parkland, British Columbia*
- Sayler, R. D. 1992. Ecology and evolution of brood parasitism in waterfowl. Pages 290-322 *in* B. D. J. Batt, A. D. Afton, M. G. Anderson, C. D. Ankney, D. H. Johnson, J. A. Kadlec, and G. L. Krapu, eds. Ecology and management of breeding waterfowl. Univ. Minnesota Press, Minneapolis. *breeding, brood parasitism, review*
- Scanlon, P. F., V. D. Stotts, R. G. Oderwald, T. J. Dietrick, and R. J. Kendall. 1980. Lead concentrations in livers of Maryland waterfowl with and without ingested lead shot present in gizzards. Bull. Environ. Contam. Toxicol. 25:855-860. *marila; affinis; Lead poisoning; Disease; contaminant; Chesapeake Bay*
- Schierbaum, D., and E. Talmage. 1954. A successful diving duck trap. N.Y. Fish Game J. 1:116-117. *capture technique*
- Schiller, E.L. 1957. Studies of the helminth fauna of Alaska. XXXII. *Hymenolepis enchinorostrae* n. sp., a cestode from the lesser scaup *Aythya affinis* (Eyton). J. Parasitol. 43:233-235. *parasitology, Aleutian Islands, Alaska*
- Schiller, E.L., and C.C. Cottam. 1937. The importance of lead poisoning in waterfowl. Trans. N. Am. Wildl. Conf. 2:398-403. *lead poisoning, lead shot, mortality, contaminants*
- Schlaack, N. F. 1961. Wildlife investigations of Central and Southern Florida Flood Control Project: Waterfowl management in the Everglades Wildlife Management Area. Fla. Game and Fresh Water Fish Comm. 9pp. Proj. No.: FLA. W-039-R-08/WK.PL.03/JOB B/SP. *Florida, winter, habitat management, Everglades*
- Schlaack, N. F. 1960. Wildlife investigations of Central and Southern Florida Flood Control Project: waterfowl of the Everglades Wildlife Management Area. Fla. Game and Fresh Water Fish Comm. 95pp. Proj. No.: FLA. W-039-R-07/WK.PL.03/JOB B/SP. *Florida, distribution, Everglades*
- Schladweiler, P. and J. P. Weigand. 1983. Relationships of endrin and other chlorinated hydrocarbon compounds to wildlife in Montana, 1981-1982. Mont. Dept. Fish Wildl. Parks, Helena. 230pp. *Pesticides; agriculture; Endangered species; marila; affinis; Harvests; Montana; Economic Value*
- Schloesser, D.W., and B. A. Manny. 1990. Decline of wildcelery buds in the lower Detroit River, 1950-85. J. Wildl. Manage. 54:72-76. *food source, American wildcelery, Detroit River, Michigan, Great Lakes*

- Schmidt, G. D. 1965. *Polymorphis swartzi* sp. n., and other acanthocephala of Alaskan ducks. J. Parasitol. 51:809-813. *parasitology, marila, affinis, Alaska*
- Schmidt, G. D. 1965. *Corynosoma bipapillum* sp. n. from Bonaparte's Gull *Larus philadelphia* in Alaska with a note on *C. constructum* van Cleave, 1918. J. Parasitol. 51:814-816. *parasitology*
- Schmidt, G. D. 1975. *Andracantha*, a new genus of Acanthocephala (Polymorphidae) from fish-eating birds, with descriptions of three species. J. Parasitol. 61:615-620. *parasitology*
- Schneider, K. B. 1965. Growth and plumage development of ducklings in interior Alaska. M.S. Thesis, Univ. Alaska, Fairbanks. 67pp. *molt, plumage, growth, duckling, Alaska*
- Schoffman, R. J. 1947. Food of game ducks at Reelfoot Lake, Tennessee. Report of the Reelfoot Lake Biological Station (Tennessee Acad. Sci., Nashville) 11:4-8. *Tennessee, food habits*
- Schreiber, R. W., F. M. Dunstan, and J. J. Dinsmore. 1975. Lesser scaup mortality in Tampa Bay, Florida, 1974. Fla. Field Nat. 3:13-15. *disease; Winter; Mortality; affinis; Tampa Bay; Florida*
- Schroeder, C. H. 1959. Waterfowl and furbearer investigations: four-year summary of duck production studies in North Dakota for 1955-58. N.D. State Game and Fish Dep. 4pp. Proj. No.: N.D. W-038-R-06/ JOB 02 *North Dakota, breeding, nesting*
- Schroeder, C. H. 1961. Summary of direct band recoveries for waterfowl banded in North Dakota during 1954-1958. N.D. Game and Fish Dep., Pittman-Robertson Proj. W-67, 16pp. *North Dakota, banding data*
- Schweinsburg, R. E. 1974. Disturbance effects of aircraft on waterfowl on North Slope Lakes, June, 1972. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 14. 48pp. *Habitat disturbance (airplanes); Breeding; Yukon; marila, affinis*
- Schweinsburg, R. E. 1974. An ornithological study of proposed gas pipeline routes in Alaska, Yukon Territory and the Northwest Territories, 1971. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 10. 215pp. *Fauna guide; habitat disturbance; Pipeline; affinis; marila; Population status; Habitat, Yukon, Northwest Territories*
- Schweinsburg, R. E., M. A. Gollop, and R. A. Davis. 1974. Preliminary waterfowl disturbance studies, Mackenzie Valley, August, 1972. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 14. 257pp. *marila, affinis; Habitat disturbance (airplanes); Breeding behavior; Stress; Mackenzie Territory*
- Scotter, G. W. 1961. Summer observations of birds in northern Saskatchewan. Blue Jay 19:70-74. *Saskatchewan, distribution [scarce], boreal forest*
- Sedinger, J. S. 1992. Ecology of pre fledging waterfowl. Pages 109-127 *in* B. D. J. Batt, A. D. Afton, M. G. Anderson, C. D. Ankney, D. H. Johnson, J. A. Kadlec, and G. L. Krapu, eds. Ecology and management of breeding waterfowl. Univ. Minnesota Press, Minneapolis. *breeding, duckling, brood, growth, review*
- Sedinger, J. S. 1997. Waterfowl and wetland ecology in Alaska. Pages 155-178 *in* A. M. Milner and M. W. Oswood, editors. Freshwaters of Alaska: Ecological Syntheses. Ecological Studies 119. Springer Press. Springer Press, New York, New York. *Distribution, density, Alaska, habitat use, review*

- Sedwitz, W. 1977. A waterbird study of a limited area: Jerome Park Reservoir. Proc. Linnaean Soc. N. Y. 73:65-79. *marila; affinis; migration; impoundment; urban, New York*
- Seel, K. E. 1969. An annotated checklist of the avi-fauna of Waterton National Park, Alberta. Natl. Parks Branch, Waterton Natl. Park, AB. 281pp. *breeding, banding data, Alberta*
- Semenchuk, G. P., ed. 1992. The atlas of breeding birds of Alberta. Fed. Alberta Naturalists, Edmonton. 390pp. *distribution, Alberta, breeding*
- Septon, G. 1989. Lesser scaup choke on puffer fish. J. Field Ornithol. 60:209-210. *Mortality, affinis, Texas*
- Seviour, E. M., F. R. Sykes, and R. G. Board. 1972. A microbiological survey of the incubated eggs of chickens and waterfowl. Brit. Poult Sci. 13:549-556. *affinis, disease, poultry, captivity, UK*
- Sewell, R. W., and K. F. Higgins. 1991. Floral and faunal colonization of restored wetlands in west-central Minnesota and southeastern South Dakota. Pages 108-133 *in* J. F. Webb, Jr., ed. Proc. of the Eighteenth Annu. Conf. on Wetlands Restoration and Creation. May 16-17, 1991. Hillsborough Community College, Tampa, FL. *breeding, wetland restoration, South Dakota, Minnesota*
- Shaffer, G. P., J. G. Gosselink, and S. . Hoepfner. 2005. The Mississippi River alluvial plain. Pages 272–315 *In* L. H. Fraser and P. A. Keddy, editors. The World's Largest Wetlands: Ecology and Conservation. Cambridge University Press, Oxford, UK. *Distribution, habitat, migration, breeding, winter, review*
- Shaffer, T. L., A. L. Dahl, R. E. Reynolds, K. L. Baer, M. A. Johnson, and G. A. Sargeant. 2006. Determinants of mallard and gadwall nesting on constructed islands in North Dakota. Journal of Wildlife Management 70:129–137. *nesting, nest success, North Dakota, constructed island*
- Sharp, P. L., P. S. Taylor, W. J. Richardson, and J. Ward. 1974. Continuing studies of bird populations and productivity on lakes of the Yukon coastal plain, 1973. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 29. 51pp. *marila; affinis; breeding populations; productivity; Yukon Territory*
- Shave, H. J. 1978. Clinical pathology. Pages 206-209 *in* M. E. Fowler, ed. Zoo and Wild animal Medicine. W.B. Saunders Co., Philadelphia, PA. *Hematology; marila; affinis; pathology*
- Shave, H. J. 1986. Clinical pathology. Pages 357-363 *in* M. E. Fowler, ed. Zoo and Wild animal Medicine, 2nd. ed. W.B. Saunders Co., Philadelphia, PA. *Hematology; pathology; affinis; marila; age; Seasons*
- Shave, H. J., and V. Howard. 1976. A hematologic survey of captive waterfowl. J. Wildl. Dis. 12:195-201. *Hematology; marila; affinis; captivity*
- Shearer, L. A. 1960. Use of dugouts by breeding ducks. J. Wildl. Manage. 24:213-215. *habitat use, South Dakota, prairie potholes, impoundment*
- Sheehan, P. J., A. Baril, P. Mineau, D. K. Smith, A. Harfenist, and W. K. Marshall. 1987. The impact of pesticides on the ecology of prairie nesting ducks. Can. Wildl. Serv. Tech. Rep. Ser. No. 19. 613pp. *contaminants, pesticides, nesting, prairie potholes*
- Shisler, J. K., and F. Ferrigno. 1986. The impacts of water management for mosquito control on waterfowl populations in New Jersey. Pages 269-282 *in* Waterfowl and Wetlands Symposium: Proceedings of a

Symposium On Waterfowl and Wetlands Management In The Coastal Zone of Atlantic Flyway, Wilmington, Delaware, 1986. Del. Dept. Nat. Resour. Environ. Control, Div. Fish Wildl. and Delaware Coastal Manage. Progr., Dover, Del. *affinis; marila; Habitat use, habitat management, New Jersey, Atlantic flyway, winter, insect control; water level*

Shoemaker, F. H. 1896. Seabirds that visit Iowa. Iowa Ornithol. 2:31-34. *distribution, breeding, Iowa*

Shufeldt, R. W. 1913. Contributions to avian paleontology. Auk 30:29-39. *fossil [possible affinis], Oregon*

Shuford, W. D., N. Warnock, K. C. Molina, and K. K. Sturm. 2002. The Salton Sea as critical habitat to migratory and resident waterbirds. Hydrobiologia 473:255-274. *distribution, winter, marila, affinis*

Shular, A. M. 1994. Comparative study of the diets of greater scaup (*Aythya marila*) and lesser scaup (*Aythya affinis*) at Long Point, Ontario. B.S. thesis, Univ. Waterloo, Ontario. *Great Lakes, marila, affinis, food habits, migration*

Sibley, C. G. and J. E. Ahlquist. 1972. A comparative study of the egg white proteins of non-passerine birds. Yale Univ. Peabody Mus. Nat. Hist. Bull. 39:1-267. *Taxonomy; marila; affinis; ; eggs; biochemistry*

Sibley, C. G., and B. L. Monroe, Jr. 1990. Distribution and taxonomy of birds of the world. Yale Univ. Press, New Haven, CT. 1111pp. *taxonomy, distribution, affinis, marila*

Siegfried, W. R. 1972. Ring-billed gulls robbing lesser scaup of food. Can. Field-Nat. 86:86. *Competition; food; gulls*

Siegfried, W. R. 1973. Post-embryonic development of the ruddy duck *Oxyura jamaicensis* and some other diving ducks. Int. Zoo Yearbk. 13:77-87. *growth, duckling*

Siegfried, W. R. 1974. Time budget of behavior among lesser scaups on Delta Marsh. J. Wildl. Manage. 38:708-713. *time budget, behavior, breeding, courtship, feeding ecology, Delta Marsh, Manitoba*

Siegfried, W. R. 1976. Segregation in feeding behavior of four diving ducks in southern Manitoba. Can. J. Zool. 54:730-736. *Habitat; feeding ecology, Manitoba, prairie potholes, parkland*

Sieh, J. G. 1952. Waterfowl breeding ground survey in Iowa. Pages 217-223 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, Iowa, prairie potholes*

Silloway, P. M. 1903. Birds of Fergus County, Montana. Bull. No. 1, Fergus County Free High School, Lewiston, Montana. 77pp. *distribution, Montana, historical, migration [p. 14]*

Simpson, S. G. 1988. Duck nest success on South Dakota Game Production Areas. Pages 140-145 *in* D. W. Uresk, G. L. Schenbeck, and R. Cefkin, tech. coords. Proc. 8th Great Plains wildlife damage control workshop. USDA For. Serv. Gen. Tech. Rep. RM-154. 231pp. *nesting (n=1), South Dakota*

Simpson, S. G., J. Barzen, L. Hawkins, and T. Pogson. 1982. Waterbird studies on the Colville River delta, Alaska, 1982 summary report. Unpubl. prog. rep., U.S. Fish Wildl. Serv., Spec. Studies, Anchorage, AK. *nonbreeding distribution, arctic*

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. *contaminant, New York, fish, water quality, marila, affinis*

Sinclair P.H., W.A. Nixon, C.D. Eckert and N.L. Hughes, editors. 2003. Birds of the Yukon Territory. UBC Press, Vancouver, British Columbia, Canada. 596pp.. *distribution, Yukon, breeding*

Sincock, J. L. 1956. Florida waterfowl survey: Banding studies. Fla. Game and Fresh Water Fish Comm. Pp. 5-9, 18-22. Proj. No.: FLA. W-019-R-08/WK.PL.03. *Florida, banding data*

Sincock, J.L. 1957. Florida waterfowl survey: Study of the vegetation on the northwest shore of Lake Okeechobee: its frequency, distribution, ecology, wildlife values, and predicted distribution by elevation with proposed water control Measures. Fla. Game and Fresh Water Fish Comm. 52pp. Proj. No.: FLA. W-019-R-09 /SP1. *Florida, winter, habitat loss, water management, habitat use*

Sincock, J. L. 1958. Florida waterfowl survey: general waterfowl investigation. Waterfowl ecology in the St. Johns River valley as related to the proposed conservation areas and changes in the hydrology from Lake Harney to Ft. Pierce, Florida. Fla. Game and Fresh Water Fish Comm. 122pp. Proj. No.: FLA. W-019-R-10/WK.PL.01 /SP. *Florida, habitat loss, habitat use, water management, winter*

Sincock, J. L., J. A. Kerwin, J. L. Coggin, A. W. Dickson, K. H. Johnston, and R. E. Wollitz. 1966. Back Bay-Currituck Sound report: waterfowl studies. U.S. Bur. Sport Fish. Wildl. Washington, D.C. 63pp. *distribution, Chesapeake Bay, winter, habitat use*

Sirois, J. 1993. Spring migration of water birds in the North Arm of Great Slave Lake, Northwest Territories, 1990. Can. Wildl. Serv. Prog. Notes No. 205. 8pp. *spring migration, chronology, Northwest Territories*

Sirois, J. 1987. Spring migration of water birds in the Yellowknife-Thor area, NWT: 1987. Can. Wildl. Serv. Tech. Rep. Ser. No. 32. 39pp. *spring migration, chronology, Northwest Territories*

Sirois, J., and G. B. Cameron. 1989. Spring migration of water birds in the Yellowknife-Thor area, NWT: 1988. Can. Wildl. Serv. Tech. Rep. Ser. No. 58. 39pp. *spring migration, chronology, Northwest Territories*

Sirois, J., and K. J. McCormick. 1987. Spring migration of water birds in the Yellowknife-Thor area, NWT: 1986. Can. Wildl. Serv. Tech. Rep. Ser. No. 24. 36pp. *spring migration, chronology, Northwest Territories*

Sirois, J., and S. E. Westover. 1990. Spring migration of water birds in the North Arm of Great Slave Lake, 1989. Can. Wildl. Serv. Tech. Rep. Ser. No. 111. 25pp. *spring migration, chronology, Northwest Territories*

Siwarski, T. M. 2005. Reliability of determining adults from juvenile ducks by presence or absence of notched tail feathers in various species of North American ducks. M.S. thesis, University of Wisconsin, Stevens Point. *Aging, plumage, chronology*

Skaar, P. D. 1969. Birds of the Bozeman latilong. Bozeman, MT. 131pp. *distribution, Montana, Central Flyway [p. 35]*

Skaar, P.D. 1975. Montana bird distribution. Preliminary distribution by latilong. P.D. Skaar, Bozeman, MT. 56pp. *distribution, breeding, winter, Montana, Central Flyway*

Skadsen, D. 1986. Lesser scaup nesting in Marshall County. S.D. Bird Notes 38(4):98. *breeding, distribution, South Dakota*

- Slaney and Co. Limited. 1974. 1972-1974 environmental program, natural gas production, Mackenzie Delta, N.W.T. Part 4, Birds. Unpubl. rep. for Imperial Oil Limited, Gulf Oil Limited, and Shell Canada Limited, Calgary, AB. *distribution, fall migration*
- Slemons, R. D., and B. C. Easterday. 1975. The natural history of Type-A influenza viruses and wild waterfowl. Pages 215-224 *in* L. A. Page, ed. Wildlife Diseases: Third Int. Wildl. Dis. Conf., Munich, 1975. *Wildlife Diseases; marila; affinis*
- Smail, J., D. G. Ainley, and H. Strong. 1972. Notes on birds killed in the 1971 San Francisco oil spill. Calif. Birds 3:25-32. *marila; affinis; Mortality; contaminant, oil spill; California, winter*
- Small, A. 1974. The birds of California. Winchester Press, New York, NY. 310pp. *distribution, New York*
- Smith, A. G. 1952. Waterfowl breeding ground surveys of special study areas in Alberta. Pages 110-118 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding, prairie potholes, Alberta, nesting, clutch, nest success*
- Smith, A. G. 1953. Waterfowl breeding ground surveys in special study areas in Alberta - 1953. Pages 30-42 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Alberta, brood, nest success, clutch, production*
- Smith, A. G. 1955. Waterfowl breeding ground surveys of special study areas in Alberta - 1955. Pages 33-44 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, Alberta, clutch, nesting, nest success, brood*
- Smith, A. G., and G. H. Jensen. 1953. Waterfowl breeding ground survey in Alberta - 1953. Pages 23-29 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Alberta*
- Smith, A. G., and G. H. Jensen. 1955. Waterfowl breeding ground survey - Alberta, 1955. Pages 26-32 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, Alberta*
- Smith, A. G. 1971. Ecological factors affecting waterfowl production in the Alberta parklands. U.S. Fish Wildl. Serv. Resour. Publ. 98. 49pp. *breeding, nesting, parkland, prairie pothole, habitat use*
- Smith, B.M., and E. P. Hill. 1979. Waterfowl Use of Strip Mine Ponds in Alabama. Southeast. Assoc. Fish Wildl. Agencies 33:1-10. *Alabama, habitat use, winter*
- Smith, C. M. 1979. Lead Shot Ingestion of Ducks Collected in Louisiana During the 1978-79 Hunting Season. 39pp. Proj. No.: LA W-029-26. *lead shot, lead poisoning, contaminant, Louisiana*
- Smith, D. W. 1979. Ecological isolation between Aythya species at Long Point Bay, Ontario. M.S. Thesis, Univ. Western Ontario, London. 63pp. *ecological isolation, feeding ecology, migration, Aythya spp, affinis, marila, body weight, linear measurement, Ontario*
- Smith, G.E.D. 1973. Observation and discussion of the prairie waterfowl breeding surveys. *In* D.C. Bowden. Review and evaluation of the May Waterfowl Breeding Ground Survey. Bur. Sports Fish. Wildl. Unpubl. rep. *survey technique, breeding survey*

- Smith, G. W. 1995. A critical review of the aerial and ground surveys of breeding waterfowl in North America. Natl. Biol. Serv. Rep. 5. 252pp. *breeding population, survey, survey technique*
- Smith, L. M., L. D. Vangilder, R. T. Hoppe, S. J. Morreale, and I. L. Brisbin, Jr. 1986. Effect of diving ducks on benthic food resources during winter in South Carolina. *Wildfowl* 37:136-141. *Food supply; Feeding ecology, winter, South Carolina*
- Smith, R. H. 1953. A study of waterfowl production on artificial reservoirs in eastern Montana. *J. Wildl. Manage.* 17:276-291. *nesting, brood, production, grassland, Montana, impoundment*
- Smith, R.H., F. Dufresne, and H.A. Hansen. 1964. Northern watersheds and deltas. In J.P. Linduska, ed. *Waterfowl tomorrow*. U.S. Government Printing Office, Washington, DC.770pp. *habitat loss, habitat use*
- Smith, R. H., and E. L. Sutton. 1953. Waterfowl breeding ground survey in northern Alberta, the Northwest Territories, and the Yukon. Pages 7-13 *in* *Waterfowl populations and breeding conditions, summer 1953*. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, arctic, distribution, Northwest Territories, Yukon, Alberta, survey*
- Smith, R. H., and E. L. Sutton. 1955. Waterfowl breeding ground survey in northern Alberta, northeastern British Columbia, the Northwest Territories, and the Yukon - 1955. Pages 10-16 *in* *Waterfowl populations and breeding conditions, summer 1955*. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 30. *breeding population, arctic, distribution, Northwest Territories, Yukon, Alberta, survey, British Columbia, subarctic, boreal forest, arctic, distribution*
- Smith, R. I. 1963. Lesser scaup and ring-necked duck shooting pressure and mortality rates. U.S. Bur. Sport Fish. Wildl. Admin. Rep. No. 20. 18pp. *mortality, harvest, banding data, hunting regulations*
- Smith, R. V. Evaluation of waterfowl habitat and spring food selection by mallard and lesser scaup on the Swan Lake, Illinois habitat rehabilitation and enhancement project. M.S. thesis, Southern Illinois University, Carbondale, IL. *Spring migration, feeding ecology, food habits, Illinois, habitat management, moist soil management*
- Smith, V. E., J. M. Spurr, J. C. Filkins, and J. D. Jones. 1985. Organochlorine contaminants of wintering ducks foraging on Detroit River sediments. *Great Lakes Res.* 11(3):231. *affinis; marila; Pesticide; food chain; Michigan, contaminant, migration*
- Smyth, E. A., Jr. 1912. Birds observed in Montgomery County, Virginia. *Auk* 29:508-530. *fauna list, Virginia, migration, winter, historical, chronology*
- Spence, J. R., and B. R. Bobowski. 2003. 1994-1997 water bird surveys of Lake Powell, a large oligotrophic reservoir on the Colorado River, Utah and Arizona. *Western Birds* 34:133-148. *distribution, winter, migration, marila, affinis, Utah, Arizona, Lake Powell*
- Sprunt, A., Jr., and E. B. Chamberlain. 1970. *South Carolina bird life*. Univ. South Carolina Press, Columbia. 655pp. *distribution, South Carolina*
- Sperduto1, 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. *habitat, restoration, oil spill, pollution, mortality, Rhode Island*

- Solman, V. E. F. 1945. The ecological relations of pike, *Esox lucius* L., and waterfowl. *Ecology* 26:157-170. *mortality, fish*
- Soper, J. D. 1923. The birds of Wellington and Waterloo Counties, Ontario. *Auk* 40:489-513. *distribution, Ontario, historical, migration*
- Soper, J. D. 1957. Notes on wildfowl of Slave River delta and vicinity, Northwest Territories. *Can. Field-Nat.* 71:74-81. *distribution, fall migration, chronology, Northwest Territories*
- Sorenson, M. F., S. M. Carney, and E. M. Martin. 1986. Age and sex composition of ducks and geese harvested in the 1985 hunting season in comparison with prior years. U.S. Fish Wildl. Serv. 40pp. *harvest, age ratio, sex ratio*
- Soulliere, G. J., and S. B. Chadwick. 2003. Using helicopter sampling to estimate visibility bias on the Michigan spring waterfowl survey. Michigan Department of Natural Resources Wildlife Report 3408. *survey, breeding, visibility bias, Michigan*
- South Dakota's Ornithologists' Union. 1991. The birds of South Dakota. 2nd ed. Northern State Univ. Press, Aberdeen, SD. 411pp. *breeding, distribution, prairie potholes, South Dakota [p. 71-72]*
- Sowls, L. K. 1949. A preliminary report on reneating in waterfowl. *Trans. N. Am. Wildl. Conf.* 14:260-275. *nesting, Manitoba, Delta Marsh*
- Spiewak, E. K., and A. J. Leach. 2006. Moulting and staging waterbird use of the Turner Lake wetlands in the Yukon Territory: 2005 aerial results. Mining and Petroleum Environment Research Group MPERG Report 2006-5. www.geology.gov.yk.ca/publications/mperg
- Stabler, R. M., N. J. Kitzmiller, and O. W. Olsen. 1975. Hematozoa from Colorado birds. V: Anseriformes. *J. Parasitol.* 61:148-149. *Disease; Parasitology; Colorado*
- Stansell, S. S. S. 1909. Birds of central Alberta. *Auk* 26:390-400. *distribution, Alberta, prairie pothole region [n Edmonton], spring migration, fall migration [not breeding]*
- Stapanian, M. A., T. A. Waite, G. Krzys, J. J. Mack, and M. Micacchion. 2004. Rapid assessment indicator of wetland integrity as an unintended predictor of avian diversity. *Hydrobiologia* 520:119-126. *habitat use, habitat assessment, species diversity, Ohio*
- Stelfox, H. A. 1977. Waterfowl food ecology and habitat use in northeastern Saskatchewan. M.S. thesis, Univ. Saskatchewan, Saskatoon. 133p. *feeding ecology, habitat use, population, boreal forest, Saskatchewan*
- Steel, P. E. 1952. Factors affecting waterfowl production at Gray's Lake, Idaho. M.S. thesis, Univ. Idaho. 157pp. *nesting, Idaho, nest parasitism*
- Steel, P. E., P. D. Dalke, and E. G. Bizeau. 1956. Duck production at Gray's Lake, Idaho, 1949-1951. *Ida. Fish and Game Dep.* 20(3):279-285. *Idaho, Grays Lake, production, breeding*
- Steiner, A. J. 1984. Mid-winter waterfowl inventory, Atlantic Flyway, 1954-1984 trend analysis. U.S. Fish Wildl. Serv., Newton Corner, MA. 284pp. *distribution, winter, Atlantic flyway*

- Stendell, R. C., R. I. Smith, K. P. Burnham, and R. E. Christensen. 1979. Exposure of waterfowl to lead: a nationwide survey of residues in wing bones of seven species, 1972-73. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 223. 12pp. *affinis*; ; *Lead-poisoning*; *contaminants*
- Stephanie D. 1991. Aboriginal utilization of birds in the western Great Basin. In J. R. Purdue, W. E. Klippel, and B. W. Styles, eds. *Beamers, Bobwhites, and Blue-Points: Tributes to the Career of Paul W. Parmalee*. Ill. State Mus. Sci. Pap. Vol. 23, Springfield [also: Univ. Tennessee Dep. Anthropol. Rep. of Investigations No. 52, Knoxville] *historical, aboriginal, hunting*
- Stephenson, R. 1993. The contributions of body tissues, respiratory system, and plumage to the buoyancy in waterfowl. *Can. J. Zool.* 71:1521-1529. *diving, physiology, plumage*
- Stephenson, R. 1994. Diving energetics in lesser scaup (*Aythya affinis* Eyton). *J. Exp. Biol.* 190:155-178. *energetics, diving, locomotion, affinis*
- Stephenson, R. 1997. Effects of oil and other surface-active organic pollutants on aquatic birds. *Environ. Conserv.* 24:121-129. *contaminants, oil, plumage*
- Stephenson, R., and C. A. Andrews. 1997. The effect of water surface tension on feather wettability in aquatic birds. *Can. J. Zool.* 75:288-294. *behavior, body size, feathers, morphology, plumage, swimming, hydrostatic pressure*
- Stephenson, R., J. R. Lovvorn, M. R. A. Heieis, D. R. Jones, and R. W. Blake. 1989. A hydromechanical estimate of the power requirements of diving and surface swimming in lesser scaup (*Aythya affinis*). *J. Exp. Biol.* 147:507-518. *energetics, diving, locomotion, affinis*
- Sterling, R. T. 1953. Southey study area - 1953. Pages 101-102 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Saskatchewan, Southey study area, brood*
- Sterling, R. T. 1955. Southey area - Saskatchewan. Pages 104-105 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, Saskatchewan, Southey study area*
- Stewart, A. C. 2001. Spring water bird migration at Alkali Lake. *British Columbia Birds* 11:5-10, *distribution, spring migration, British Columbia, Cariboo region*
- Stewart, R. E. 1962. Waterfowl populations in the upper Chesapeake region. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 65. 208pp. *distribution, winter, habitat use, estuarine, migration, food habits*
- Stewart, R. E. 1972. Waterfowl of the Chesapeake Bay. *Chesapeake Sci.* 13:S134-S137. *Distribution; population; Maryland; winter; marila; affinis*
- Stewart, R.E. 1975. Breeding birds of North Dakota. Tri-College Center for Environmental Studies, Fargo, ND. 295pp. *affinis, marila, distribution, breeding, North Dakota, prairie potholes, chronology [p. 81-82]*
- Stewart, R. E., and H. A. Kantrud. 1972. Population estimates of breeding birds in North Dakota. *Auk* 89:766-788. *population; breeding, North Dakota, prairie potholes, grassland*
- Stewart, R. E., and H. A. Kantrud. 1973. Ecological distribution of breeding waterfowl populations in North

- Dakota. J. Wildl. Manage. 37:39-50. *distribution; breeding, habitat use, North Dakota, prairie potholes, grassland*
- Stewart, R. E., and H. A. Kantrud. 1974. Breeding waterfowl populations in the prairie pothole regions of North Dakota. Condor 76:70-79. *distribution, breeding, population status; habitat, North Dakota, prairie potholes, grassland*
- Stiles, F. G., and A. F. Skutch. 1989. A guide to the birds of Costa Rica. Cornell Univ. Press, Ithaca, NY. 511pp. *distribution, Central America*
- Stirret, G. M. 1952. Waterfowl breeding ground survey in southern Ontario. Pages 96-98 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding, distribution, Ontario, Atlantic flyway*
- Stralberg, D., N. Warnock, N. Nur, H. Spautz, and G. W. Page. 2005. Building a habitat conversion model for San Francisco Bay wetlands: a multi-species approach for integrating GIS and field data. U.S. Department of Agriculture, Forest Service General Technical Report PSW-GTR-191. *winter, San Francisco Bay, salt pond restoration, GIS, model*
- Strand, K. A. 2005. Diet and body composition of migrating lesser scaup (*Aythya affinis*) in eastern South Dakota. M.S. Thesis, South Dakota State University, Brookings, South Dakota, USA. *Spring migration, South Dakota, prairie pothole region, feeding ecology, body composition, energetics, lipid, protein*
- Strand, K. A., S. R. Chipps, S. N. Kahara, K. F. Higgins, and S. Vaa. 2008. Patterns of prey use by lesser scaup *Aythya affinis* (Aves) and diet overlap with fishes during spring migration. Hydrobiologia 598:389-398. *feeding ecology, fish, South Dakota, spring migration*
- Strohmeier, D. L. 1983. Evaluation of ingested shot levels in waterfowl harvested in Wisconsin in 1980. Trans. Wisc. Acad. Sci. Arts and Letters. 70:36-41. *marila; affinis; Lead poisoning; Disease, Wisconsin*
- Stollberg, B. P. 1947. Wisconsin food habits research. Wis. Conservation Dep. 16pp. Proj. No.: WIS. W-008-R-06/WK.PL.01/JOB 01/PT1. *food habits, Wisconsin*
- Stotts, V. D. 1957. Waterfowl investigations: post-hunting season and pre-hunting season banding. Md. Dep. Game and Inland Fish. 16pp. Proj. No.: MD. W-030-R-05/ JOB 03; MD. W-030-R-05/ JOB 05. *Maryland, banding data*
- Stotts, V. D. 1960. Waterfowl investigations.: preliminary studies of estuarine benthic zones. Md. Dep. Game and Inland Fish. 41pp. Proj. No.: MD. W-030-R-08/ JOB 04. *Maryland, banding data*
- Stotts, V. D. 1973. Non-consumptive waterfowl surveys (lead poisoning supplement). Md. Wildl. Admin., Fed. Aid in Fish Wildl. Restor. Prog., Proj. W-54-R-4, Job No. 4, Annapolis. 17pp. *lead poisoning, winter, Maryland, Chesapeake Bay*
- Stotts, V. D. 1980. Incidence of ingested shot pellets in harvested waterfowl. Md. Wildl. Admin., Fed. Aid in Fish Wildl. Restor. Prog., Proj. W-54-R-12, Job No. III-5, Annapolis. 22pp. *lead poisoning, winter, Maryland, Chesapeake Bay*
- Stoudt, J. H. 1952a. Waterfowl breeding ground surveys in the Dakota. Pages 203-211 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding*

population, brood (count, size), South Dakota, North Dakota, prairie potholes

Stoudt, J. H. 1952b. Waterfowl breeding ground survey of Redvers area, Saskatchewan. Pages 52-60 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, Saskatchewan, prairie potholes, brood (count), nesting success*

Stoudt, J. H. 1953. Waterfowl breeding ground survey in the Dakotas. Pages 195-200 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, South Dakota, North Dakota, brood (count, size)*

Stoudt, J. H. 1969. Relationships between waterfowl and water areas on the Redvers Waterfowl Study Area. Saskatoon Wetlands Seminar. Can. Wildl. Serv. Wildl. Rep. Ser. No. 6:123-131. *breeding, population, Saskatchewan, grassland, prairie pothole*

Stoudt, J. H. 1971. Ecological factors affecting waterfowl production in the Saskatchewan parklands. U.S. Fish Wildl. Serv. Resour. Publ. 99. 58pp. *nesting, breeding, parkland, prairie potholes, Saskatchewan, brood*

Stoudt, J. H., and R. J. Buller. 1953. Waterfowl breeding ground survey of Redvers area, Saskatchewan. Pages 55-64 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Saskatchewan, brood (count), nest success*

Stoudt, J. H., and B. A. Yeager. 1955. Waterfowl breeding ground survey of Redvers area, Saskatchewan, 1952-1955. Pages 63-72 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. No. 30. *breeding population, Saskatchewan, brood, nest success*

Struthers, P. H. 1923. Observations of bird life of Porto Rico. Auk 40:469-478. *distribution, Carribean, winter, lagoons*

Stutzenbaker, C. D., and M. W. Weller. 1989. The Texas Coast. Pages 385-405 *in* L. M. Smith, R. L. Pederson, and R. M. Kaminski, eds. Habitat management for migrating and wintering waterfowl in North America. Texas Tech. Univ. Press, Lubbock. *winter, review, Texas, Gulf Coast, habitat use, Central flyway*

Sugden, L. G. 1960. An observation of interspecific strife between Barrow's goldeneye and lesser scaup. Can. Field-Nat. 74:163. *behavior, affinis, breeding*

Sugden, L. G. 1969. Foods, food selection, and energy requirements of wild ducklings in southern Alberta. Ph.D. Thesis, Utah State Univ., Logan. 171pp. *feeding ecology, food selection, duckling, Alberta*

Sugden, L. G. 1971a. Feeding activity of captive lesser scaup. Can. Wildl. Serv. Prog. Notes No. 24. *feeding ecology, behavior, captivity*

Sugden, L. G. 1971b. Rate of loafing raft use by ducks. Can. Field-Nat. 85:324-325. *Habitat use; Behavior; Alberta*

Sugden, L. G. 1973. Feeding ecology of pintail, gadwall, American widgeon and lesser scaup ducklings in southern Alberta. Can. Wildl. Serv. Rep. Ser. No. 24. 45pp. *Feeding ecology; Food habits; duckling*

Sugden, L. G., and L. E. Harris. 1972. Energy requirements and growth of captive lesser scaup. Poult. Sci. 51:625-633. *Energetics; growth, captivity*

- Swanson, G. A. 1977. Diel food selection by Anatinae on a waste-stabilization system. *J. Wildl. Manage.* 41:226-231. *feeding ecology, sewage treatment impoundments, invertebrate, North Dakota*
- Swanson, G. A. 1984. Dissemination of amphipods by waterfowl. *J. Wildl. Manage.* 48:988-991. *Crustacea; amphipods; dispersal*
- Swanson, G. A., and H. A. Duebbert. 1989. Wetland habitats of waterfowl in the prairie pothole region. Pages 228-267 *in* A. van der Valk, ed. Northern prairie wetlands. Iowa State Univ. Press, Ames. *habitat use, prairie potholes, review*
- Szaro, R. C. 1977. Effects of petroleum on birds. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 42:374-381. *contaminant (oil); Productivity; Mortality*
- Szymczak, M. R. 1986. Characteristics of duck populations in the Intermountain parks of Colorado. *Colo. Div. Wildl. Tech. Publ. No. 35.* 88pp. *Marking studies; Migration; Harvests; Age ratio; Population Estimates, Colorado*
- Taber, R.D. 1946. The winter birds of Adak, Alaska. *Condor* 48:272-277. *distribution, winter, Alaska, Aleutian Islands*
- Taft, O.W. M. A. Colwell, C. R. Isola, CR, and R. J. Safran. 2002. Waterbird responses to experimental drawdown: implications for the multispecies management of wetland mosaics. *Journal of Applied Ecology* 39:987-1001. *water conditions, drawdown, moist soil management, wetland management*
- Tsai, J.-S. 2007. Local and landscape factor influences on avian community composition in playas of the Southern High Plains. Dissertation, Texas Tech University, Lubbock, TX. *Distribution, winter, playa lakes, Texas*
- Takagi, T. 1983. Winter food habits of lesser scaups at Indigo Island, Iberville Parish, Louisiana. M.S. Thesis, Louisiana State Univ., Baton Rouge. 58pp. *Food Habits; Winter, Louisiana*
- Takekawa, J. Y. 1987. Energetics of canvasbacks staging on an Upper Mississippi River pool during fall migration. Ph.D. diss., Iowa State Univ., Ames. 189pp. *migration, upper Mississippi River, energetics, time-activity budget, weather*
- Takekawa, J. Y., S. E. Wainwright-De La Cruz, R. L. Hothem, and J. Yee. 2002. Relating body condition to inorganic contaminant concentrations of diving ducks in coastal California. *Arch. Environ. Contam. Toxicol.* 42:60-70. *contaminant, heavy metal, body condition, marila, affinis, Aythya valisineria, California, San Francisco Bay*
- Takekawa, J. Y., A. K. Miles, D. H. Schoellhamer, N. D. Athearn, M. K. Saiki, W. D. Duffy, S. Kleinschmidt, G. G. Shellenbarger, and C. A. Jannusch. 2006. Trophic structure and avian communities across a salinity gradient in evaporation ponds of the San Francisco Bay estuary. *Hydrobiologia* 567:307-327. *bird community, community structure, feeding ecology, California, winter, habitat use, impoundment*
- Tallman, D. 1992. Banding recoveries of South Dakota birds, Part 8 - waterfowl (continued). *S.D. Bird Notes* 44(1):8-12. *banding data, South Dakota, prairie potholes, distribution [p. 10]*
- Tavener, P. A. 1919. The birds of the Red Deer River, Alberta. *Auk* 36:1-21. *distribution, summer, Alberta, historical*

- Tavener, P. A. 1922. Birds of eastern Canada. Can. Dep. Mines Geol Surv. Mem. 104 No. 3, Biol. Ser. Ottawa, ON. 290pp. *distribution, affinis, marila, Canada, historical*
- Tavener, P. A. 1926. Birds of western Canada. Can. Dep. Mines Victoria Mem. Mus. Bull. No. 41. Biol. Ser. No. 10. 380pp. *affinis, marila, distribution, Canada, historical*
- Tavener, P. A. 1974. Tavener's birds of western Canada. Coles Publ. Co., Ltd., Toronto. 380pp. [reprint] *fauna guide, Canada*
- Tavener, P. A., and G. M. Sutton. 1934. The birds of Churchill, Manitoba. Annals Carnegie Mus. 23:1-83. *distribution, breeding, Manitoba*
- Tener, J. S., and L. Lemieux. 1952. Waterfowl breeding ground survey in the province of Quebec. Pages 92-95 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, boreal forest, Quebec*
- Tessier, C. 1996. Ecotoxicological impacts of zebra mussels, *Dreissena polymorpha*, a new food source for lesser scaup, *Aythya affinis*. Dissertation, McGill University, Montreal, Quebec, Canada. *Contaminants, organochlorines, captive study, zebra mussel, Great Lakes, feeding ecology, winter, migration*
- Thomas, G. J. 1975. Ingested lead pellets in waterfowl at the Ouse Washes, England, 1968-73. Wildfowl 26:43-48. *contaminant; lead poisoning, UK*
- Thompson, B. C., J. E. Tabor, and C. L. Turner. 1988. Diurnal behavior patterns of waterfowl wintering on the Columbia River, Oregon and Washington. Pages 153-167 *in* M. W. Weller, ed. Waterfowl In Winter. Univ. Minnesota Press, Minneapolis. *feeding ecology; diving; Impoundment; riverine, behavior, winter, Oregon, Columbia*
- Thompson, C. M., and R. E. Sparks. 1977. Improbability of dispersal of adult Asiatic clam, *Corbicula manilensis*, via the intestinal tract of migratory waterfowl. Am. Midland Nat. 98:219-223. *dispersal; Feeding experiment, crustacea*
- Thompson, D. 1973. Feeding ecology of diving ducks on Keokuk Pool, Mississippi River. J. Wildl. Manage. 37:367-381. *Feeding ecology; behavior; Iowa, fall migration*
- Thompson, J. D. 1969. Feeding behavior of diving ducks on Keokuk Pool, Mississippi River. M.S. Thesis, Iowa State Univ., Ames. 79pp. *feeding ecology, Mississippi River, fall migration*
- Thompson, J. D., B. J. Sheffer, and G. A. Baldassarre. 1989. Incidence of ingested shot in waterfowl harvested in Yucatan, Mexico. Wildl. Soc. Bull. 17:189-191. *lead poisoning; contaminant; Harvest, Mexico*
- Thompson, I. D. 1975. The waterfowl of Chick Lake, Northwest Territories. Can. Field-Nat. 89:262-267. *Fauna list; affinis; marila; Northwest Territories*
- Thompson, L. S. 1978. Transmission line wire strikes: mitigation through engineering design and habitat modification. Pages 27-52 *in* M. L. Avery, ed. Impacts of transmission lines on birds in flight. Proc. of a workshop, Oak Ridge, TN. U.S. Fish Wildl. Serv. Off. Biol. Serv. Publ. 78/48, 52pp. *Right-of-way; Mortality; habitat, power lines, review*

- Thompson, M.C., and C. Ely. 1992. Birds in Kansas. Vol. 1. Univ. Kansas Mus. Nat. Hist. Public Educ. Ser. No. 11. 404pp. *fauna guide, distribution, winter, migration, Kansas, grasslands*
- Thornburg, D. D. 1970. Flock behavior of diving ducks on Keokuk Pool, Mississippi River. M.S. Thesis, Iowa State Univ., Ames. 64pp. *staging, flock behavior, Mississippi River, fall migration, disturbance, Iowa*
- Thornburg, D. D. 1973. Diving duck movements on Keokuk Pool, Mississippi River. J. Wildl. Manage. 37:382-389. *Mississippi River; Iowa; distribution; movement; fall migration; disturbance*
- Thorne, P. M. 1895. List of birds observed in the vicinity of Fort Keogh, Montana, from July, 1888, to September, 1892. Auk 12:211-219. *migration, chronology, distribution, Montana, historical, [p. 212]*
- Todd, W. E. C. 1904. The birds of Erie and Presque Isle, Erie County, Pennsylvania. Annals Carnegie Mus. 2:481-596. *behavior, mortality [cited in Bent 1923]*
- Toft, C. A., D. L. Trauger, and H. W. Murdy. 1982a. Seasonal decline in brood sizes of sympatric waterfowl (*Anas* and *Aythya*, Anatidae) and a proposed evolutionary explanation. Am. Nat. 120:586-613. *community structure, competition, subarctic, breeding, phenology*
- Toft, C. A., D. L. Trauger, and H. W. Murdy. 1982b. Tests for species interactions: breeding phenology and habitat use in subarctic ducks. Am. Nat. 120:586-613. *community structure, competition, subarctic, affinis, breeding, phenology*
- Tome, M. W., and D. A. Wrubleski. 1988. Underwater foraging behavior of canvasbacks, lesser scaups, and ruddy ducks. Condor 90:168-172. *Foraging Behavior; feeding ecology; Captivity*
- Toner, G. C. 1940. Duck mortality in the Cataraqui Marshes. Can. Field-Nat. 54:104-105. *mortality, marila, affinis, Ontario*
- Torrence, S. M., and M. G. Butler. 2006. Spatial structure of a diving duck (*Aythya, Oxyura*) guild: how does habitat structure and competition influence diving duck habitat use within northern prairie wetlands? Canadian Journal of Zoology 84:1358-1367.
- Townsend, C. W. 1909. The use of the wings and feet by diving birds. Auk 26:234-248. *behavior, locomotion, courtship, Florida, winter*
- Townsend, G. H. 1923. Field identification of ducks. Auk 40:17-18. *identification, plumage [GS vs LS]*
- Townsend, G. H. 1927. Notes on the courtship of the lesser scaup, Everglade kite, crow, and boat-tailed and great-tailed grackle. Auk 44:349-554. *behavior, courtship, Florida, feeding ecology, Gulf coast*
- Townsend, G. H. 1966. A study of waterfowl nesting on the Saskatchewan River delta. Can. Field-Nat. 80:74-88. *nesting, Saskatchewan, habitat use, clutch size*
- Trail, P. W. 2006. Avian mortality at oil pits in the United States: a review of the problem and efforts at its solution. Environmental Management 38:532-544. *review, mortality, oil spill, contaminant, oil pit, marila, affinis*
- Tramer, E. J., and E. J. Durbin. 1982. Breeding birds of Ohio Lake Erie marshes. Kirtlandia 37:55-88. *Fauna guide; Breeding populations; Habitat; Lake Erie*

- Trauger, D. L. 1971. Population ecology of lesser scaup (*Aythya affinis*) in subarctic taiga. Ph.D. diss., Iowa State Univ., Ames. 118pp. *population dynamics, breeding biology, age, boreal forest, Northwest Territories*
- Trauger, D. L. 1974. Eye color of female lesser scaup in relation to age. *Auk* 91:243-254. *age; aging technique; Northwest territories*
- Trauger, D. L. 1975. Management problems and needs of individual species. Pages 127-131 *in* Proc. First Int. Waterfowl Symp., St. Louis, Missouri, 1975. *Habitat; Breeding behavior; Productivity; Migration; Marking studies; Northwest territories, Manitoba, management*
- Trauger, D. L., and R. G. Bromley. 1976. Additional bird observations on the West Mirage Islands, Great Slave Lake, Northwest Territories. *Can. Field-Nat.* 90:114-122. *Sight records; marila; affinis; Fauna list; Mackenzie territory*
- Trautman, M. B. 1978. Autumn migrations of selected species of ducks at Buckeye Lake, Ohio. *Ohio Biol. Surv. Biol. Notes* No. 11. 10pp. *history; Population changes; Land use; agriculture; fall migration, Ohio*
- Trautman, M.B., W.E. Bills, and E.D. Wickliff. 1939. Winter losses from starvation and exposure of waterfowl and upland game birds in Ohio and other northern states. *Wilson Bull.* 51:86-104. *winter, mortality, Ohio*
- Trautman, M. B. 1977. The Ohio country from 1750 to 1977 - a naturalist's view. *Ohio Biol. Surv.. Biol. Notes* No. 10. 25pp. *History; Habitat changes; affinis; marila; Population change, Ohio*
- Trost, R. E. 1980. Ingested shot in waterfowl harvested on the upper Mississippi National Wildlife Refuge. *Wildl. Soc. Bull.* 8:71-74. *Harvest; Lead-poisoning; Pollutant; contaminant, Mississippi River*
- Tuck, L. M. 1952. Waterfowl breeding survey in Newfoundland. Pages 119-122 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, Newfoundland*
- Tuck, L. M. 1953. Waterfowl breeding ground survey in Newfoundland. Pages 132-135 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *breeding population, Newfoundland, brood (count, size)*
- Tuggle, B. N. 1987. Nasal leeches. U.S. Fish Wildl. Serv. Resour. Publ. 167:164-171. *Parasitology, review*
- Tull, C. E., I. D. Thompson, and P. E. Taylor. 1974. Continuing surveys of terrestrial bird populations in Northwest Territories, Yukon Territory, and Alaska: June and July, 1973. *Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 29.* 217pp. *habitat disturbance; Pipeline; Fauna guide; marila; affinis; ; populations, Northwest Territories, Yukon, Alaska*
- Tull, C. E.. 1975. Ground surveys of terrestrial breeding bird populations along the proposed gas pipeline route in Alberta, Saskatchewan, and British Columbia, May and June, 1974. *Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 31.* 116pp. *Fauna survey; habitat disturbance; Pipeline; affinis; breeding population, Alberta, Saskatchewan, British Columbia, survey*
- Turnbull, R. E., D. H. Brakhage, and F. A. Johnson. 1986. Lesser scaup mortality from commercial trotlines on Lake Okeechobee, Florida. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 40:465-469. *Winter; Mortality; affinis; Lake Okeechobee, Florida*

- Tyler, J. G. 1916. Some birds of the Fresno District, California: Supplementary notes. *Condor* 18:194–198. *distribution, California, winter, marila, affinis*
- Tyler, J. D. 1979. Birds of southwestern Oklahoma. Contrib. No. 2 from Stovall Mus. Sci. Hist., Univ. Oklahoma, Norman. *distribution, migration, winter, Oklahoma*
- Uhlig, H. G. 1963. Use of Minnesota ponds and pits by waterfowl. *Wilson Bull.* 75:78-82. *habitat use, Minnesota, impoundment, prairie potholes*
- Untergasser, G., and J. S. Hayward. 1972. Development of thermoregulation in ducklings. *Can. J. Zool.* 50:1243-1250. *thermoregulation, energetics, development, duckling*
- U.S. Bureau of Land Management. 1989. Waterfowl habitat management on public lands: a strategy for the future. U.S. Bur. Land Manage., Washington, D.C. 43pp. *Administration; habitat management; Land ownership*
- U. S. Environmental Protection Agency. 1993. Wildlife exposure factors handbook. Appendix: Literature review database. Vol. II of II. EPA/600/R-93/187b. *review: duckling body weight, growth rate, metabolic rate, nesting, brood survival*
- U.S. Fish and Wildlife Service, Missouri River Basin Studies. 1957. Distribution and status of waterfowl in the Missouri River basin. U.S. Fish Wildl. Serv., Billings, MT. 136pp. *distribution, Missouri River, migration, winter, Great Plains, chronology [p. 87]*
- U.S. Fish and Wildlife Service. Region One. 1979. Concept plan for waterfowl wintering habitat preservation: Washington and Oregon coasts, priority categories 14 and 15. U.S. Govt. Printing Off., Washington, D.C. 157 & 207pp. *affinis; marila; Migration route; winter; habitat, Washington, Oregon, estuarine*
- U.S. Fish and Wildlife Service. Region One. 1979. Concept plan for waterfowl wintering habitat preservation: California coast, priority category 6. U.S. Govt. Printing Off., Washington, D.C. 122 & 102pp. *marila; affinis; habitat; winter, California, estuarine*
- U.S. Fish and Wildlife Service and Canadian Wildlife Service. 1986. North American Waterfowl Management Plan: a strategy for cooperation. U.S. Fish Wildl. Serv., Washington, D.C. 19pp. *Administration; Habitat; Migration; Population estimates, policy, NAWMP*
- Uresk, D. W., and K. Severson. 1988. Waterfowl and shorebird use of surface-mined and livestock water impoundments on the Northern Plains. *Great Basin Nat.* 48:353-357. *Water levels; habitat disturbance; impoundments; mining reclamation, limnology, South Dakota; North Dakota; Wyoming*
- Vaa, S. 1982. Waterfowl succumb to ice and snow. *S.D. Bird Notes* 34(3):64. *Mortality; Weather; Winter; South Dakota*
- Vande Vusse, F. J. 1979. Host-parasite relations of *Dendritobilharzia pulverulenta* (Trematoda: Schistosomatidae) and anatids. *J. Parasitol.* 65:894-897. *Parasitology*
- Van Den Akker, J. B., and V. T. Wilson. 1949. Twenty years of bird banding at Bear River Migratory Bird Refuge, Utah. *J. Wildl. Manage.* 13:359-376. *banding data, Utah, migration, distribution*

- Van Hemert, C., C. M. Handel, M. N. Cady, and J. Terenzi. 2006. Summer Inventory of Landbirds in Kenai Fjords National Park. Unpublished final report for National Park Service. U. S. Geological Survey, Alaska Science Center, Anchorage, Alaska.
http://science.nature.nps.gov/im/units/swan/Libraries/Reports/Inventories/VanHemertC_2006_KEFJ_Landbird2005InventoryFinalReport_620339.pdf *distribution, breeding, national park, Alaska, occurrence, marila, affinis*
- van Horn, K. 1991. Habitat use and activity patterns of interior Alaskan waterbirds. M.S. thesis, Univ. Missouri, Columbia. 248pp. *affinis, breeding, habitat use, behavior, time budgets, chronology, Alaska*
- van Rossem, A. 1911. Winter birds of the Salton Sea region. *Condor* 17:129-137. *distribution, spring migration, California*
- Vermeer, K. 1968. Ecological aspects of ducks nesting in high densities among larids. *Wilson Bull.* 80:78-83. *nesting, predation, larids, island, Alberta, parkland*
- Vermeer, K. 1970a. Breeding biology of California and ring-billed gulls: a study of ecological adaptation to inland habitat. *Can. Wildl. Serv. Rep. Ser. No. 12.* 52pp. *predation (egg, duckling), Alberta*
- Vermeer, K. 1970b. Some aspects of the nesting of ducks on islands in Lake Newell, Alberta. *J. Wildl. Manage.* 34:126-129. *nesting, island, Alberta*
- Vermeer, K. 1971. A survey of mercury residues in aquatic bird eggs in the Canadian prairie provinces. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 36:138-152. *heavy metal, mercury, contaminant, breeding, prairie potholes*
- Vermeer, K. 1972. Variation in density of breeding ducks across the aspen parklands and grasslands of Canada. *Blue Jay* 30:154-158. *affinis; Alberta; Manitoba; Saskatchewan; breeding population, prairie potholes, parkland, grassland, boreal forest, distribution*
- Vermeer, K., and G. G. Anweiler. 1975. Oil threat to aquatic birds along the Yukon coast. *Wilson Bull.* 87:467-480. *oiling, contamination, Yukon, arctic coast, scaup*
- Vermeer, K., and F. A. J. Armstrong. 1972. Mercury in Canadian prairie ducks. *J. Wildl. Manage.* 36:179-182. *heavy metals, contaminants; marila [?] affinis; pesticides*
- Vermeer, K., and L. M. Reynolds. 1970. Organochlorine residues in aquatic birds in the Canadian prairie provinces. *Can. Field-Nat.* 84:117-130. *contaminants, pesticides, prairie potholes, breeding*
- Vermeer, K., and R. Vermeer. 1975. Oil threat to birds on the Canadian west coast. *Can. Field-Nat.* 89:278-298. *Pollutants (oil spills); scaup; habitat*
- Vest, J. L. 2002. Body mass and gastrointestinal parasites of lesser scaup (*Aythya affinis*) in the Mississippi Flyway. M.S. thesis, Mississippi State University, Mississippi State, Mississippi.
- Vest, J. L., R. M. Kaminski, A. D. Afton, and F. J. Viella. 2006. Body Mass of Lesser Scaup during Fall and Winter in the Mississippi Flyway. *Journal of Wildlife Management* 70:1789–1895. *body mass, body condition, migration, winter, Mississippi Flyway, Manitoba, Ontario, Great Lakes, Lake Erie, Lake St. Clair, Lake Michigan, Michigan, Wisconsin, Keokuk Pool /Pool 19, Mississippi River, Iowa, Mississippi, catfish pond, Louisiana, Sabine NWR, Rockefeller NWR*
- Vickery, W. L., and T. D. Nudds. 1984. Detection of density-dependent effects in annual duck census. *Ecology*

- 65:96-104. *affinis; Census methods; Population density; prairie potholes; Alberta; Saskatchewan*
- Visher, S. S. 1909. A list of the birds of western South Dakota. Auk 26:144-153. *distribution, South Dakota [Rapid City area]*
- Visher, S. S. 1911. Annotated list of the birds of Harding County, northwestern South Dakota. Auk 28:5-16. *distribution, historical, South Dakota, migration, fauna list*
- Visher, S. S. 1913. An annotated list of the birds of Sanborn County, southeast-central South Dakota. Auk 30:561-573. *fauna list, distribution, historical, South Dakota, migration*
- Voorhees, L. D., and J. F. Cassel. 1980. Highway right-of-way: mowing versus succession as related to duck nesting. J. Wildl. Manage. 44:155-163. *Nesting; Habitat use; Right-of-way; Habitat disturbance (mowing); North Dakota*
- Wahle, L. C. 1990. Food habits of greater scaup, *Aythya marila*, and lesser scaup, *Aythya affinis*, in Connecticut coastal waters. M.S. Thesis, Univ. Connecticut, Storrs. 82pp. *winter, migration, food habits, marila, affinis, Connecticut*
- Waldrup, K. A., and A. A. Kocan. 1985. Screening of free-ranging waterfowl in Oklahoma for Salmonella. J. Wildl. Dis. 21:435-437. *disease, salmonella, Oklahoma, winter*
- Walker, J. A., 2004. Nest and duckling survival of scaup at Minto Flats, Alaska. M.S.thesis, University of Alaska, Fairbanks. *Nesting, nest success, duckling, brood, duckling survival, Alaska, boreal forest*
- Walker, J., and M. S Lindberg. 2005. Survival of scaup ducklings in the boreal forest of Alaska. Journal of Wildlife Management 69:592-600. *duckling survival, brood, Alaska, boreal forest, predation, clutch size*
- Walker, J., M. S. Lindberg, M. C. MacCluskie, M. J. Petrula, and J. S. Sedinger. 2005. Nest survival of scaup and other ducks in the boreal forests of Alaska. Journal of Wildlife Management 69:582-591. *nest success, population dynamics, Alaska, boreal forest, marila, affinis*
- Walsh, K. A., D. R. Halliwell, J. E. Hines, M. A. Fournier, A. Czarnecki, and M. F. Dahl. 2006. Effects of water quality on habitat use by lesser scaup (*Aythya affinis*) broods in the boreal Northwest Territories, Canada. *Water quality, habitat use, brood, boreal, Northwest Territories, limnology*
- Wampole, J. H. 1951. North Park: sageland and waterfowl. Colo. Conserv. Oct:7-9. *distribution, spring migration, Colorado*
- Ward, J. G. 1975. Continuing surveys of terrestrial bird populations in the Mackenzie Valley, June, 1974. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 30. 93pp. *Fauna survey; habitat disturbance; Pipeline; marila; affinis; ; population, survey, MacKenzie territories*
- Ward, J. G., and D. Mossop. 1986. The birds of Herschel Island relative to its use as a territorial park. Unpubl. rep., Yukon Dep. Renew. Resour., Whitehorse, YT. *distribution, breeding, Yukon Territory*
- Ward, J. G., and P. L. Sharp. 1974. Effects of airplane disturbance on moulting sea ducks at Herschel Island, Yukon Territory, August 1973. Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 29. 54pp. *scaup, distribution, postbreeding*

- Ward, P. 1983. Prairie waterfowl and wetland management: a historical perspective. Pages 4-7 *in* Proc. First West. Hemis. Waterfowl Waterbird Symp., Edmonton, Alberta, 1982. *Personnal narrative; Population change; Habitat changes; History; Manitoba; prairie pothole; habitat management*
- Warren, E. R. 1910. Some central Colorado bird notes. Condor 12:23-39. *distribution, Colorado, spring migration, historical*
- Warren, E. R. 1919. Bird notes of a stormy May in Colorado Springs. Condor 21:62-65. *distribution, historical, Colorado*
- Wassenaar, L. I., and K. A. Hobson. 2006. Stable-hydrogen isotope heterogeneity in keratinous materials: mass spectrometry and migratory wildlife tissue subsampling strategies. Rapid Communications in Mass Spectrometry 20:2505-2510. *stable isotope, technique, distribution, physiology, study design*
- Weathers, W. W. 1983. Birds of southern California's Deep Canyon. Univ. Calif. Press, Berkeley, Los Angeles. 266pp. *Thermoregulation; Desert; Migration; Altitude; Weather; Behavior; winter*
- Weeden, R. B. 1968. Small game and furbearer investigations: waterfowl Report. Alaska Dep. Fish and Game 9/42pp. Proj. No.: ALAS. W-013-R-03/WK.PL. C; ALAS. W-013-R-02/WK.PL. C. *Alaska, survey*
- Weegman, M. D., and M. M. Weegman. 2007. Chromium and selenium in invertebrate prey of lesser scaup. Journal of Wildlife Management 71:778-782. *contaminants, heavy metals, aquatic invertebrates, food habits, migration, zebra mussel, mollusk, Iowa, Mississippi River, Minnesota, North Dakota, South Dakota, Wisconsin*
- Wellein, E. G. 1955. Cooperative waterfowl breeding ground survey in Ontario, northern Manitoba, and northern Saskatchewan. Pages 106-117 *in* Waterfowl populations and breeding conditions, summer 1955. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 30. *population, aerial survey, boreal forest, subarctic, distribution*
- Wellein, E. G. 1958. Comparative value of small water areas to breeding ducks in South Dakota. U.S. Bur. Sport Fish. Wildl., Wildl. Res. Lab., Denver, CO. unpubl. rep. 22pp. *breeding, habitat use, South Dakota, prairie potholes, grassland*
- Wellein, E. G., D. G. Colls, and R. D. Harris. 1952. Aerial surveys in western Ontario, northern Manitoba, northern Saskatchewan, and the District of MacKenzie and Keewatin. Pages 76-80 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *population, aerial survey, subarctic, distribution*
- Wellein, E. G., and W. Newcomb. 1953. Aerial waterfowl breeding ground surveys in northern Saskatchewan and western Ontario - 1953. Pages 103-107 *in* Waterfowl populations and breeding conditions, summer 1953. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 25. *population, aerial survey, boreal forest, distribution*
- Weller, M. W. 1959. Parasitic egg laying in the redhead (*Aythya americana*) and other North American Anatidae. Ecol. Monogr. 29:333-365. *nesting, parasitism, affinis*
- Weller, M. W. 1965. Chronology of pair formation in some Nearctic *Aythya* (Anatidae). Auk 82:227-235. *behavior, pairing, chronology*
- Weller, M. W. 1967. Food and feeding habits of diving ducks: Effects of dredging and siltation on diving duck foods and feeding habits on the Mississippi River. Iowa State Conserv. Comm. 31pp. Proj. No.:IOWA W-108-R-01/ JOB 01. *feeding ecology, Mississippi River, sedimentation, habitat alteration*

- Weller, M. W., and D. L. Weller. 1995. Observations on feeding of wintering Lesser Scaup in relation to physical structures in Corpus Christi Bay, Texas. *Bull. Texas Ornithol. Soc.* 28:56-59. *winter, foraging ecology, habitat, Texas*
- Weller, M. W., D. L. Trauger, and G. L. Krapu. 1969. Breeding birds of the West Mirage Islands, Great Slave Lake, N.W.T. *Can. Field-Nat.* 83:344-360. *distribution, breeding, boreal, Northwest Territories*
- Wells, R. K. 1982. Periodic waterfowl inventories, 1978-82. Miss. Dep. Wildl. Conserv., Fed. Aid in Wildl. Restor. Proj. W-48, Job 1, Jackson, MS. 23pp. *distribution, winter, Mississippi, Atlantic flyway [in Reinecke et al. 89]*
- Wetmore, A. 1916a. Birds of Puerto Rico. U.S.D.A. Dep. Bull. No. 326. 140pp. *distribution, Caribbean, winter [cited in Palmer 1976]*
- Wetmore, A. 1916b. The birds of Vieques Island, Porto Rico. *Auk* 33:403-419. *Caribbean, winter, distribution, fauna list*
- Wetmore, A. 1917. The birds of Culebra Island, Porto Rico. *Auk* 34:51-62. *distribution, fauna list, winter, Caribbean*
- Wetmore, A. 1917. On the fauna of Great Salt Lake. *American Naturalist* 51:753-755. *feeding ecology, fall migration, Great Salt Lake, Utah, aquatic invertebrate, brine shrimp*
- Wetmore, A. 1920. Observations of the habits of birds at Lake Burford, New Mexico. *Auk* 37:221-247. *winter, New Mexico, summer resident, habitat use, courtship*
- Wetmore, A. 1935. Pre-Columbian bird remains from Venezuela. *Auk* 52:328-329. *fossil history, Central America*
- Wetmore, A. 1938. Bird remains from the West Indies. *Auk* 55:51-55. *fossil history*
- Wetmore, A. 1965. The birds of the Republic of Panama. Pt. 1. Tinamidae (tinamos) to Rhynchopidae (skimmers). *Smithsonian Misc. Collections* Vol. 150. 483pp. *distribution, winter, Panama, Central America*
- Wetmore, P.W. 1941. Blood parasites of the District of Columbia and Patuxent Research Refuge vicinity. *J. Parasitol.* 27:379-393. *parasitology*
- Weydemeyer, W. 1975. Half-century record of the breeding birds of the Fortine Area, Montana: nesting data and population status. *Condor* 77:281-287. *Population dynamics; History; breeding population; nesting, Montana*
- Wheeler, W. E., R. C. Gatti, and G. A. Bartelt. 1984. Duck breeding ecology and harvest characteristics on Grand River Marsh Wildlife Area. *Wisc. Dep. Nat. Resour. Tech. Bull.* No. 145. 49pp. *Wisconsin, harvest*
- Whisson, D., and J. Takekawa. 1997. Field trials to determine effectiveness of an aquatic hazing device on waterbirds in San Francisco Bay, California. *Proc. Int. Conf. Eff. Oil Wildl.* No. 5:51. ("Fifth International Conference Effects of Oil on Wildlife, November 3-6, 1997"; N. D. Ottum, ed.). abstract only. *behavior, birds, deterrent, flight, ocean, oil pollution; pesticide, contaminant*

- 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. *behavior, habitat use, contaminants, oil pollution, California, San Francisco Bay, winter, affinis, marila*
- White, D. H., and D. James. 1978. Differential use of freshwater environments by wintering waterfowl of coastal Texas. *Wilson Bull.* 90:99-111. *Habitat; Feeding ecology, estuarine, Texas, winter*
- White, D. H., and L. F. Stickel. 1975. Impacts of chemicals on waterfowl reproduction and survival. Pages 132-142 *in* *Trans. First Int. Waterfowl Symp., St. Louis, Missouri, 1975. Mortality; reproduction; Pesticide; Pollutant (oil spills); Toxicity; Food Chain, contaminant*
- Whiting, Jr., R. M., and S. V. Rockwood. 192. Waterfowl hunting and harvest on Sam Rayburn Reservoir, 1986-1987. *Proc. Southeast. Assoc. Fish and Wildl. Agencies* 46:287-297. *harvest, Texas, fall, hunting regulation*
- Whitlock, S.C., and H.J. Miller. 1947. Gunshot wounds in ducks. *J. Wildl. Manage.* 11:279-281. *mortality, hunting*
- Whitton, R. M. 1988. Blood lead, ingested shot and migrational energetics in canvasbacks, lesser scaup, and ring-necked ducks on Pool 19, Mississippi River. M.S. Thesis, Western Illinois Univ., Macomb. 118pp. *contaminant, lead poisoning, hematology, energetics, migration, affinis, Aythya spp*
- Wilcox, K. L. 1994. Planning for waterfowl in Long Point Inner Bay. M.S. thesis, University of Waterloo, Waterloo, Ontario. *Habitat management, habitat use, Lake Ontario, Great Lakes*
- Wilcox, K. L., and R. W. Knapton. 1994. An ecosystem approach to management of an internationally significant waterfowl staging area: Long Point's Inner Bay. Long Point Environmental Folio Publication Series, Technical Paper 5, J. G. Nelson and P. L. Lawrence, editors. Heritage Resource Centre, University of Waterloo, Waterloo, Ontario.
- Wilds, S. D. 1972. Waterfowl harvest on Keokuk Pool, Mississippi River, 1969 and 1970. *Proc. Iowa Acad. Sci.* 79: 79-84. *harvest; Mississippi River; Iowa*
- Willers, W. B., and O. W. Olsen. 1969. Incidence of infection by *Gastrotaenia cygni* (Cestoda: Aporidea) of waterfowl in eastern Colorado. *Avian Dis.* 13:415-416. *parasitology, Colorado*
- Willett, G. 1928. Notes on some birds of southeastern Alaska. *Auk* 45:455-449. *winter, distribution, Alaska, marila [not affinis as in Bailey]*
- Willett, G. 1913. Bird notes from the coast of northern lower California. *Condor* 15:19-24. *distribution, spring migration, California*
- Willett, G. 1919. Bird notes from southeastern Oregon and northeastern California. *Condor* 21:194-207. *distribution, spring migration, fall migration, Oregon, Malheur, marila, affinis*
- Williams, G., Jr. 1971. The winter birds of Wheeler National Refuge 1970-1971. *Alabama Acad. Sci. J.* 42:149-150. *winter; Alabama; marila; affinis; population*
- Williams, O. L. 1937. *Rusguniella kofoidi* sp. nov., a nematode (Acuariidae) from the lesser scaup duck. *J. Parasitol.* 23:306-308. *parasitology, California*

- Williams, R. W. 1919. Winter birds of East Goose Creek, Florida. *Auk* 36:45-56. *distribution, winter, Florida, historical, habitat use*
- Wilson, D. M., T. J. Naimo, J. G. Weiner, R. V. Anderson, M.B. Sandheinrich, and R. E. Sparks. 1995. Declining populations of the fingernail clam *Musculium transversum* in the upper Mississippi River. *Hydrobiologia* 304:209-220. *food resources, habitat use, Mississippi River*
- Wilson, S. F., and C. D. Ankney. 1988. Variation in structural size and wing stripe of lesser and greater scaup. *Can. J. Zool.* 66:2045-2048. *Morphology; Plumage; marila; affinis*
- Windingstad, R. M., M. E. McDonald, L. N. Locke, S. M. Kerr, and J. A. Sinn. 1980. Epizootic of coccidiosis in free-flying lesser scaup. *Avian Dis.* 24:1044-1049. *Diseases; Parasitology; Nebraska*
- Winter, B. D., and P. Crain. 2008. Making the case for ecosystem restoration by dam removal in the Elwha River, Washington. *Northwest Science* 82:13-28. *Washington, habitat restoration, potential distribution*
- Wiseley, A. N., and C. E. Tull. 1975. Aerial surveys of bird populations along the proposed gas pipeline route in Alberta, Saskatchewan and British Columbia, May and September, 1974. *Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 31.* 78pp. *fauna survey; habitat disturbance; Pipeline; marila; affinis; populations, survey, Alberta, Saskatchewan, British Columbia*
- Wiseley, A. N., and C. E. Tull. 1977. Ground surveys of terrestrial breeding bird populations along the Fort Simpson Realignment of the proposed arctic gas pipeline route, Alberta and Northwest Territories, June, 1975. *Can. Arctic Gas Study, Ltd. / Alaskan Arctic Gas Study, Inc. Biol. Rep. Ser., Vol. 35.* 59pp. *habitat disturbance; Pipeline; breeding populations; affinis; populations, Alberta, Northwest Territories, survey*
- Wishart, R. A., P. W. Herzog, P. J. Caldwell, and A. J. Macaulay. 1983. Waterfowl use of Ducks Unlimited projects across Canada. *Proc. West. Hemis. Waterfowl and Waterbird Symp.* 1:24-32. *breeding, habitat; productivity, Ducks Unlimited, habitat use, habitat management, distribution*
- Witt, D. W., J. R. Grieb, H. D. Funk, G. F. Wrakestraw, and L. Serdiuk. 1966. Wildlife investigations. Districts One through Seven: Waterfowl band analysis. A proposed Mallard Management Unit for the Central Flyway. *Mont. Fish and Game Dep.* 33pp. Proj. No.: MONT. W-071-R-11/WK.PL. C/JOB 01/C; MONT. W-077-R-11/WK.PL. C/JOB 01/C. *banding data, Central Flyway, Montana*
- Wobeser, G. A., and R. J. Cawthorn. 1982. Granulomatous myositis in association with *Sarcosystis* infection in wild ducks. *Avian Dis.* 26:412-418. *Diseases; Saskatchewan*
- Wobeser, G. A., D. J. Rainnie, T. B. Smith-Windsor, and G. Bogdan. 1983. Avian botulism during late autumn and early spring in Saskatchewan. *J. Wildl. Dis.* 19:90-94. *Disease; Weather; migration, fall, spring, Saskatchewan*
- Wood, D. S., and G. D. Schnell. 1984. Distribution of Oklahoma birds. Univ. Oklahoma Press, Norman. 209pp. *distribution, Oklahoma, affinis, marila*
- Wood, M. 1973. Birds of Pennsylvania. Pennsylvania State Univ., University Park, PA. 109pp. *distribution, affinis [p. 18]*
- Wood, N. A. 1923. A preliminary survey of the bird life of North Dakota. Univ. Michigan Mus. Zool. Misc.

Publ. No. 97pp. *distribution, affinis, marila, breeding*

Wood, N.A. 1951. The birds of Michigan. Univ. Mich. Mus. Zool. Misc. Publ. No. 75. Univ. Michigan Press, Ann Arbor, MI. 559pp. *distribution, winter, migration chronology, breeding records*

Wooten, D. E., and S. J. Werner. 2004. Food habits of lesser scaup *Aythya affinis* occupying baitfish aquaculture facilities in Arkansas. *Journal of World Aquaculture Society Journal* 35:70-77. *feeding ecology, Arkansas, winter, aquaculture, fish*

Woodin, M. C., M. K. Skoruppa, and G. C. Hickman. 2000. Bird use of stock ponds along the Rio Grand northwest of Laredo, Webb County, Texas, U.S.A. Pages 21-30 *in* F. A. Comin, J. A. herrere-Silveira, and J. Ramirez-Ramirez, editors. *Limnology and aquatic birds: monitoring, modeling and management*. Universidad Autonoma del Yucatan.

Wormington, A., and J. H. Leach. 1992. Concentrations of migrant diving ducks at Point Pelee National Park, Ontario, in response to invasion of zebra mussels, *Dreissena polymorpha*. *Can. Field-Nat.* 106:376-380. *migration, affinis, marila (?), zebra mussel, Great Lakes*

Wright, F.E. 1951. Waterfowl breeding ground survey in Nevada, 1951. Pages 115-122 *in* Waterfowl populations and breeding conditions, summer 1951. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 13. *breeding population, survey, brood (count, size), Nevada, Central Flyway*

Wright, F.E. 1952. Waterfowl breeding ground survey in Nevada. Pages 150-155 *in* Waterfowl populations and breeding conditions, summer 1952. U.S. Fish Wildl. Serv. Spec. Sci. Rep. Wildl. No. 21. *breeding population, survey, distribution, brood (count), clutch size, nesting, Nevada, Central Flyway*

Wright, H. W. 1914. European widgeon (*Marcea penelope*) at Boston, Mass. *Auk* 31:397-398. *winter, distribution, Massachusetts*

Wright-Myers, S.M., and R. J. Bogiatto. 2007. The ecology of over-water nesting ducks in Northeastern California. *California Fish and Game* 93:23-39. *nesting, California, nest success*

Yaremych, S.A., R. E. Warner, P. C. Mankin, J. D. Brawn, A. Raim, and R. Novak. 2005. West Nile virus and high death rate in American crows. Pages 200-204 *in* S. K. Majumdar, J. E. Huffman, F. J. Brenner, and A. I. Panah, editors. *Wildlife Diseases: Landscape Epidemiology, Spatial Distribution and Utilization of Remote Sensing Technology*. Pennsylvania Academy of Science, Easton, Pennsylvania. *Disease, mortality, distribution, Pennsylvania*

Yeager, L. E., and H. G. Anderson. 1944. Some effects of flooding and waterfowl concentrations on mammals of a refuge area in central Illinois. *Am. Midl. Nat.* 31:159-178. *refuge, flood, Illinois, migration, habitat use*

Yocum, C. F. 1951. Breeding status of the ring-necked duck in Washington. *Condor* 53: 47-49. *Washington, breeding*

Yocom, C. F. 1951. Waterfowl and their food plants in Washington. Univ. Washington Press, Seattle. 272pp. *food habits, Washington*

Yocum, C. F. 1970. Weights of ten species of ducks captured at Ohtig Lake, Alaska--August 1962. *Murrelet* 51:20-21. *body weight, postbreeding, molt, Alaska*

- Yocum, C. F., and M. Keller. 1961. Correlation of food habits and abundance of waterfowl, Humboldt Bay, California. *Calif. Fish Game* 47:41-53. *feeding ecology, California, winter*
- Zárate-ovando, B., E. Palacios, H. Reyes-Bonilla, E. Amador, and G. Saad. 2006. Waterbirds of the lagoon complex Magdalena Bay-Almejas, Baja California Sur, Mexico. *Waterbirds* 29:350-364. *distribution, winter, habitat use, Mexico*
- Zammuto, R. M. 1986. Life history of birds: clutch size, longevity, and body mass among North American game birds. *Can. J. Zool.* 64:2739-2749. *marila; affinis; Productivity; Mortality, body weight, clutch size, review*
- Zárate-ovando, B., E. Palacios, H. Reyes-Bonilla, E. Amador, and G Saad. 2005. Waterbirds of the Lagoon Complex Magdalena Bay-Almejas, Baja California Sur, Mexico. *Waterbirds* 29:350-364. *distribution, winter, Mexico, Baja California*
- Zimmerman, A. L., M. A. Sovada, T. K. Kessler, and R. K. Murphy. 2003. Nest parasitism on constructed islands in northwestern North Dakota. *The Prairie Naturalist* 35:65-80. *nesting, nest parasitism, nest success, island, North Dakota, prairie grassland*
- Zimmerman, F. R. 1947. The 1947 spring flight of waterfowl through Wisconsin. *Wisc. Conserv. Bull.* 12(8):18-20. *spring migration, Wisconsin*
- Zimmerman, F. R. 1953. Wisconsin Waterfowl management research: Waterfowl habitat surveys and food habit studies. Wis. Conservation Dep. 178pp. Proj. No.: WIS. W-006-R-15 /FIN. *Wisconsin, food habits, survey*
- Zimmerman, D. A., and J. Van Tyne. 1959. A distributional check-list of the birds of Michigan. *Univ. Michigan Mus. Zool. Occas. Pap. No. 608.* 63pp. *distribution, breeding, Michigan*
- Zinkl, J. G., and K. L. Heddleston. 1977. An epornitic of avian cholera in waterfowl and common crows in Phelps County, Nebraska, in the spring, 1975. *J. Wildl. Dis.* 13:194-198. *disease, spring migration, Nebraska*
- Zwank, P. J., V. L. Wright, P. M. Shealy, and J. D. Newsom. 1986. Lead toxicosis in waterfowl on two major wintering areas in Louisiana. Pages 64-72 *in* J. S. Feierabend and A. B. Russell, eds. Lead poisoning in wild waterfowl - a workshop. Proc. of a symposium, 3-4 March 1984, Wichita, KS. Cooperative Lead Poisoning Control Information Program, National Wildlife Federation, Washington, D.C. *lead poisoning, mortality, winter, Louisiana*

incomplete Citations from Palmer 1976:

Sage 1963b. Bull. Brit. Orn. Club 83:75-77.

Meyer de Schauensee 1966. The species of birds of South America with their distribution. Livingston Publ. Co., Narbarth, PA)

Cleaves 1947. Field and Stream 51(10):42-43.

Kutz et al. 1948. N.Y. Conserv. Dep. Proj. 20-R.

Foley and Taber 1951. N.Y. Conserv. Dep. Proj. 47-R.

Judd 1902. USDA Yearbook for 1900. (p. 411-436)

Baker 1890. Proc. Acad. Nat. Sci. Phil. 4:266-270.

other possible affinis distribution lit:

Accurso, L.M. 1992. DISTRIBUTION AND ABUNDANCE OF WINTERING WATERFOWL ON SAN FRANCISCO BAY, 1988-90. M.S. thesis, Humboldt State Univ., Arcata, CA. *winter, California, distribution*

Anderson, R., and R. Righter. 1992. COLORADO BIRDS: A REFERENCE TO THEIR DISTRIBUTION AND HABITAT. Denver Mus. Nat. Hist., Denver, CO. 442pp. *distribution, breeding, winter, migration, Colorado*

Anderson, R.M. 1937. MAMMALS AND BIRDS OF THE WESTERN ARCTIC DISTRICT, NORTHWEST TERRITORIES, CANADA. Canada's Western Northlands, Parks, and Forest Branch. King's Printer, Ottawa, ON. *distribution, Northwest Territories, arctic, breeding*

Andersson, M. 1973. BIRDS OF NUVAGAPAK POINT, NORTHEASTERN ALASKA. Arctic 26(3):186-197. *waterfowl spp, distribution, Arctic Coast, breeding, arctic tundra*

Campbell, R.W., M.G. Shepard, and R.H. Drent. 1972. STATUS OF BIRDS IN THE VANCOUVER AREA IN 1970. Syesis 5:137-167. *distribution, records, population, waterfowl general, British Columbia*

Fairfield, G. 1972. TORONTO'S 47TH CHRISTMAS BIRD COUNT, 1971. Ontario Field Biol. 26:46-49. *distribution, records; Ontario*

Gaston, A.J., R. Decker, F.G. Cooch, and A. Reed. 1986. THE DISTRIBUTION OF LARGER SPECIES OF BIRDS BREEDING ON THE COASTS OF FOXE BASIN AND NORTHERN HUDSON BAY, CANADA. Arctic 39(4):285-296. *breeding population; Arctic, Hudson Bay*

Grinnell, G.B. 1900. BIRDS OF KOTZEBUE SOUND REGION, ALASKA. Pacific Coast Avifauna 1:1-80. *fauna list, distribution, Alaska*

Peterjohn, B.G., R.L. Hannikman, J.M. Hoffman, and E.J. Tramer. 1987. ABUNDANCE AND DISTRIBUTION OF THE BIRDS OF OHIO. Ohio Biol. Surv. Biol. Notes No. 19. 52pp. *fauna guide, population status*

Pulich, W.C. 1988. THE BIRDS OF NORTH CENTRAL TEXAS. Texas A & M Univ. Press, College

Station, TX. 439pp. *distribution, breeding, winter, Texas*

Rapp, W.F., J.L.C. Rapp, H.E. Baumgarten, and R.A. Moser. 1958. REVISED CHECK-LIST OF NEBRASKA BIRDS. Occas. Pap. Nebr. Ornithol. Union No. 5. 35pp. *breeding records, Nebraska, distribution*

Ross, R.K. 1982. DUCK DISTRIBUTION ALONG THE JAMES AND HUDSON BAY COASTS OF ONTARIO. Nat. Canadien 109(4):927-932. (in english, french summary) *distribution, habitat; population status; Migration; Ontario, James Bay, Hudson Bay, subarctic*

Swarth, H.S. 1922. BIRDS AND MAMMALS OF THE STIKINE RIVER REGION OF NORTHERN BRITISH COLUMBIA AND SOUTHWESTERN ALASKA. Univ. Calif. Publ. Zool. 24:194-314. *distribution, Alaska, British Columbia*

Walters, R.E., ed. 1983. UTAH BIRD DISTRIBUTION: LATILONG STUDY 1983. Utah Div. Wildl. Res., Salt Lake City. *breeding, winter, distribution, Utah*