

Bibliography



USFWS

Bibliography

- Abrams, M.D. 1996. Distribution, historical development and ecophysiological attributes of oak species in the eastern United States. *Annales des Sciences Forestieres* (Paris) 53: 487-512.
- American Bird Conservancy (ABC). 2009. Cats indoor! The campaign for safer birds and cats. Accessed August 2012 at:
<http://www.abcbirds.org/abcprograms/policy/cats/index.html>.
- Andreasen, D.C. 2007. Optimization of ground-water withdrawals in Anne Arundel County, Maryland, from the Upper Patapsco, Lower Patapsco, and Patuxent Aquifers projected through 2044. Report of Investigation No.77, Maryland Geological Survey, Baltimore, MD.
- Anne Arundel County. 2009. Assessment of the biological health of streams on the Patuxent Research Refuge within Anne Arundel County, Maryland. Department of Public Works, Bureau of Engineering, Watershed, Ecosystem, and Restoration Services Division, Annapolis, MD.
- Askins, R.A. 1997. History of grasslands in the Northeastern United States: implications for bird conservation. In: *Grasslands of Northeastern North America, Ecology and Conservation of Native and Agricultural Landscapes* (Vickery, P.D. and P.W. Dunwiddie, eds.), pp.119-136. Massachusetts Audubon Society, Lincoln, MA.
- Askins, R.A. 2000. *Restoring North America's birds*. Yale University Press, New Haven, CT. 332pp.
- Bakker, K.K., D.E. Naugle, and K.F. Higgins. 2002. Incorporating landscape attributes into models for migratory grassland bird conservation. *Conservation Biology* 6: 1638-1646.
- Banks, P.B. and J.V. Bryant. 2007. Four-legged friend or foe? Dog walking displaces native birds from natural areas. *Biological Letter* 3: 611-613.
- Bélanger, L. and J. Bédard. 1990. Energetic cost of man-induced disturbance to staging snow geese. *Journal of Wildlife Management* 54(1): 36-41.
- Bennett, K.A. and E. Zuelke. 1999. *The effects of recreation on birds: a literature review*. Delaware Natural Heritage Program, Smyrna, DE.
- Best, L.B. and D.F. Stauffer. 1986. Factors confounding evaluation of bird-habitat relationships. In: *Wildlife 2000: Modeling Habitat Relationships of Terrestrial Vertebrates* (J. Verner, M.L. Morrison, and C.J. Ralph, eds.), pp.209-216. University of Wisconsin Press, Madison, WI.
- Blake, J.G. and J.R. Karr. 1987. Breeding birds of isolated woodlots: area and habitat relationships. *Ecology* 68: 1724-1734.

- Bond, R.R. 1957. Ecological distribution of breeding birds in the upland forests of southern Wisconsin. *Ecological Monograph* 27: 351-384.
- Boyle, S.A. and F.B. Samson. 1985. Effects of nonconsumptive recreation on wildlife: a review. *Wildlife Society Bulletin* 13(2): 110-116.
- Bridgham, S.D., J.P. Megonigal, J.K. Keller, N.B. Bliss, and C. Trettin. 2007. Wetlands. In: *The First State of the Carbon Cycle Report (SOCCR): The North American Carbon Budget and Implications for the Global Carbon Cycle. A Report by the U.S. Climate Change Science Program and the Subcommittee on Global Change Research* (King, A.W., L. Dilling, G.P. Zimmerman, D.M. Fairman, R.A. Houghton, G. Marland, A.Z. Rose, and T.J. Wilbanks, eds.), pp.139-148. National Oceanic and Atmospheric Administration, National Climatic Data Center, Asheville, NC.
- Burger, J. 1981. Effect of human activity on birds at a coastal bay. *Biological Conservation* 21: 231-241.
- Burger, J. 1986. The effect of human activity on shorebirds in two coastal bays in northeastern United States. *Environmental Conservation* 13(2): 123-130.
- Burger, J. and M. Gochfeld. 1998. Effects of ecotourists on bird behaviour at Loxahatchee National Wildlife Refuge, Florida. *Environmental Conservation* 25(1): 13-21.
- Burk, A.O. Ph.D. University of Maryland. Personal communication. November 6, 2012.
- California Department of Fish and Game (CDFG). 2009. Cats and wildlife. Accessed August 2012 at:
http://www.dfg.ca.gov/wildlife/nongame/nuis_exo/dom_cat/index.html.
- Christman, S.P. 1984. Breeding bird response to greentree reservoir management. *Journal of Wildlife Management* 48: 1164-1172.
- Comer, P., D. Faber-Langendoen, R. Evans, S. Gawler, C. Josse, G. Kittel, S. Menard, M. Pyne, M. Reid, K. Schulz, K. Snow, and J. Teague. 2003. Ecological systems of the United States: a working classification of U.S. terrestrial Systems. NatureServe, Arlington, VA.
- Council on Environmental Quality (CEQ). 1997. Federal Register, Final DOT 5610.2, Order to Address Environmental Justice in Minority Populations and Low Income Populations, Volume 62, No. 72.15 U.S. Department of Transportation, April 1997.
- Crawford, H.S., R.G. Hooper, and R.W. Titterington. 1981. Songbird population response to silvicultural practices in central Appalachian hardwoods. *Journal of Wildlife Management* 45: 680-692.
- Crouch, W.B.I. and P.W. Paton. 2000. Using egg-mass counts to monitor wood frog populations. *Wildlife Society Bulletin* 28: 895-901.

- Curry, D.C. 1978. Archeological Reconnaissance of the Baltimore-Washington Parkway from the Washington, D.C. Line to the Baltimore City Line, Prince George's, Anne Arundel, and Baltimore Counties, Maryland. File Report No. 113, Maryland Geological Survey, Division of Archeology. On file at the Maryland Historical Trust, Crownsville, MD.
- Davis, S.K. 2004. Area sensitivity in grassland passerines: effects of patch size, patch shape, and vegetation structure on bird abundance and occurrence in Southern Saskatchewan. *The Auk* 121(4): 1130-1145.
- DeGraaf, R.M., G.M. Whitman, J.W. Lanier, B.J. Hill, and J.M. Keriston. 1980. Forest habitat for birds of the Northeast. U.S. Department of Agriculture, U.S. Forest Service, Northeast Forest Experiment Station. 598pp.
- DeLuca, T.H., W.A.I Patterson, W.A. Freimund, and D. Cole. 1998. Influence of llamas, horse, and hikers on soil erosion from established recreation trails in Western Montana, USA. *Environmental Management* 22: 255-262.
- Derlet, R.W. MD, K. Ali Ger, J.R. Richards MD, and J.R. Carlson PhD. 2008. Risk factors for coliform bacteria in backcountry lakes and streams in the Sierra Nevada mountains: a 5-year study. *Wilderness and Environmental Medicine* 19: 2, 82-90.
- Droege, S. 1996. USGS. Unpublished memo.
- Droege, S. 2011. USGS. Personal communication.
- Droege, S., C.A. Davis, W.E. Steiner Jr., and J. Mawdsley. 2009. The lost micro-deserts of the Patuxent River: Using landscape history, insect and plant specimens and field work to detect and define a unique community. *Proceedings of the Entomological Society of Washington* 111(1): 132-144.
- Dulaney, C.A. 1948. *The Andersons from the Great Fork of the Patuxent*. Self-published, Odenton, MD.
- Dyrland, R., B. Knudsen, J. Sauer, and J. Weant. 2009. Environmental assessment for the facilities modernization program at Patuxent Research Refuge and Patuxent Wildlife Research Center. U.S. Department of the Interior, U.S. Fish and Wildlife Service, Laurel, MD.
- Ecological Society of America. 2004. Guidelines for describing associations and alliances of the U.S. national vegetation classification. Version 4.
- Edison Electric Institute and the U.S. Fish and Wildlife Service. 2005. Avian protection plan (APP) guidelines. A joint document prepared by: Edison Electric Institute, Avian Powerline Interactive Committee, and the U.S. Fish and Wildlife Service.
- Environmental Protection Agency (EPA). 1998. Fact sheet: the Environmental Protection Agency's (EPA's) interim air quality policy on wildland and prescribed fires. Accessed August 2012 at: http://www.epa.gov/ttn/oarpg/t1/fact_sheets/firefl.pdf.

- Erwin, R.M. 1980. Breeding habitat use by colonially nesting waterbirds in two Mid-Atlantic U. S. regions under different regimes of human disturbance. *Biological Conservation* 18: 39-51.
- Escobedo, F., R. Northrop, and W. Zipperer. 2007. Developing an urban forest management plan for hurricane-prone communities. University of Florida.
- Faanes, C.H. 1983. Breeding birds of wooded draws in western North Dakota. *Prairie Nat.* 15(4): 173-187.
- Fallon, J. 2011. USGS, Patuxent Wildlife Research Center. Personal communication.
- Ferguson, D. 1994. Species of moths collected on the Patuxent Wildlife Research Center, season 1992. Systematic Entomology Laboratory, ARS, USDA.
- Fischer, S.A., L.W. Hall Jr., and W.D. Killen Jr. 1992. Distribution of the endangered glassy darter in Maryland coastal plain streams. *Virginia Journal of Science* 43(1A).
- Fort George G. Meade. 1997. Coastal Hazardous Waste Site Review. Anne Arundel County, Maryland. CERCLIS #MD9210020567.
- Frank, K.D. 1988. Impact of outdoor lighting on moths: an assessment. *Journal of the Lepidopterists' Society* 42(2): 63-93.
- Frank, K.D. 2002. Impact of artificial lighting on moths. In: *Abstracts of Ecological Consequences of Artificial Lighting*. Los Angeles, CA.
- Freeman, M. 1997. Results of a preliminary survey of fishes of the Patuxent River on the Patuxent Wildlife Research Center. Accessed December 2011 at: <http://www.pwrc.usgs.gov/history/fishsurv.htm>.
- Frieswyk, T.S. 2001. Forest statistics for Maryland: 1986 and 1999. Resources Bulletin NE-154. U.S. Department of Agriculture, U.S. Forest Service, Northeastern Research Station, Newtown Square, PA.
- Frost, C.C. 1998. Pre-settlement fire frequency regimes of the United States: a first approximation. In: *Fire in Ecosystem Management: Shifting the Paradigm from Suppression to Prescription* (Teresa, L.P. and L.A. Brennen, eds.), pp.70-81. Tall Timbers Fire Ecology Conference Proceedings, No. 20. Tall Timbers Research Station, Tallahassee, FL.
- George, S. and K. Crooks. 2006. The effects of recreation on large mammals in an urban nature reserve. *Biological Conservation*.
- Gibbs, J.P. and S.M. Melvin. 1992. American bittern, *Botaurus lentiginosus*. In: *Migratory nongame birds of management concern in the Northeast* (K.J. Schneider and D.M. Pence, eds), pp.51-69. U.S. Department of the Interior, U.S. Fish and Wildlife Service, Newton Corner, MA.

- Graber, R.R., J.W. Graber, and E.L. Kirk. 1970. Illinois birds: *Mimidae*. Illinois Natural History Survey. Biological Notes 68: 24-35.
- Grant, E.H.C., R.E. Jung, J.D. Nichols, and J.E. Hines. 2005. Double-observer approach to estimating egg mass abundance of pool-breeding amphibians. *Wetlands Ecology and Management* 13: 305-320.
- Grant, E. 2011. USGS. Personal communication.
- Greenberg, R. 1987. Seasonal foraging specialization in the worm-eating warbler. *Condor* 89: 158-168. Accessed August 2012 at: <http://elibrary.unm.edu/sora/Condor/files/issues/v089n01/p0158-p0168.pdf>.
- Grumet, R.S. 2000. Bay, plain, and piedmont: a landscape history of the Chesapeake Heartland from 1.3 billion years ago to 2000. U.S. Dept of Interior, National Park Service, The Chesapeake Bay Heritage Context Project, Annapolis, MD. 183pp.
- Guth, R.W. 1978. Forest and campground bird communities of Peninsula State Park, Wisconsin. *Passenger Pigeon* 40: 489-493.
- Haglen, B. 2010. Habitat management plan. U.S. Department of the Interior, U.S. Fish and Wildlife Service.
- Hall, G.A. 1983. West Virginia birds: distribution and ecology. Carnegie Museum of Natural History Special Publication No. 7.
- Hamel, P.B. 1992. Land manager's guide to the birds of the south. The Nature Conservancy, Southeastern Region, Chapel Hill, NC.
- Hammit, W.E. and D.N. Cole. 1998. Management alternatives. In: *Wildland Recreation: Ecology and Management*, Second Edition, pp.205-347. John Wiley and Sons, Inc.
- Havera, S.P., L.R. Boens, M.M. Georgi, and R.T. Shealy. 1992. Human disturbance of waterfowl on Keokuk Pool, Mississippi River. *Wildlife Society Bulletin* 20: 290-298.
- Heath, L.S. and J.E. Smith. 2004. Criterion 5, indicator 27: contribution of forest ecosystems to the total global carbon budget, including absorption and release of carbon (standing biomass, coarse woody debris, peat and soil carbon). In: *A supplement to the national report on sustainable forests 2003* (Darr, D.R., ed.), pp.1-7. FS-766A. U.S. Department of Agriculture, Washington, DC. Accessed August 2012 at: http://www.fs.fed.us/ne/durham/4104/papers/Heath_Smith_Indicator27_2004.pdf.
- Helzer C.J. and Jelenski, D.E. 1999. The relative importance of patch area and perimeter-area ratio to grassland breeding birds. *Ecological Applications* 9:1448-1458.
- Hileman, C. 1988. Census of cemeteries located on Fort George G. Meade Military Reservation July 1, 1988. On file at the Fort Meade Historical Museum.
- Hotchkiss, N. and R.E. Stewart. 1979. Vegetation and vertebrates of the Patuxent Wildlife Research Center: outline of ecology and annotated lists (reprint with new

supplements of vegetation of the Patuxent Research Refuge, Maryland). U.S. Department of the Interior, U.S. Fish and Wildlife Service, Laurel, MD.

Howard County. 2002. Little Patuxent River watershed restoration action strategy. Prepared for the Maryland Department of Natural Resources, Watershed Restoration Division. Howard County Department of Public Works, Stormwater Management Division, Columbia, MD.

Huston, M. and S. Krest. 2004. Ecological Risk Assessment for Range 17 (Trap and Skeet Range), Patuxent Research Refuge, Laurel, MD. U.S. Fish and Wildlife Service and U.S. Environmental Protection Agency. Accessed August 2012 online at: <http://www.fws.gov/chesapeakebay/pdf/CBFO-C0405.pdf>.

Inkley, D.B., M.G. Anderson, A.R. Blaustein, V.R. Burkett, B. Felzer, B. Griffith, J. Price, and T.L. Root. 2004. Global climate change and wildlife in North America. Wildlife Society Technical Review 04-2. The Wildlife Society, Bethesda, MD. 26pp.

James, F.C. 1971. Ordination of habitat relationships among breeding birds. *Wilson Bulletin* 83(3): 215-236.

Jones, A.L. and P.D. Vickery. 1999. Managing small grasslands including conservation lands, corporation headquarters, recreation fields, and small landfills for grassland birds. Grassland Conservation Program, Center for Biological Conservation. Massachusetts Audubon Society.

Jones, C., J. McCann, and S. McConville. 2000. A guide to conservation of forest interior dwelling birds in the Chesapeake Bay critical area. Critical Area Commission for the Chesapeake and Atlantic Coastal Bays.

Joseph, J.W., M.B. Reed, and L.E. Abbott. 1991 Cultural resources overview of Fort George G. Meade, Arundel County, Maryland. Dated April 1991. On file at the Maryland Historical Trust, Crownsville, MD.

Kahl, R. 1991. Boating disturbance of canvasbacks during migration at Lake Poygan, Wisconsin. *Wildlife Society Bulletin* 19: 242-248.

Kaiser, M.S. and E.K. Fritzell. 1984. Effects of river recreationists on green-backed heron behavior. *Journal of Wildlife Management* 48(2): 561-567.

Klein, M.L. 1993. Waterbird behavioral responses to turbances. *Wildlife Society Bulletin* 21: 31-39.

Klein, M.L., S.R. Humphrey, and H. F. Percival. 1995. Effects of ecotourism on distribution of waterbirds in a wildlife refuge. *Conservation Biology* 9: 1454-1465.

Knight, R.L., and D.N. Cole. 1991. Effects of recreational activity on wildlife in wildlands. *Transactions of the 56th North American Wildlife and Natural Resources Conference*, pp.238-247.

- Komarek, E.V. 1968. Lightning and lightning fires as ecological forces. In: Proceedings of the Tall Timbers Fire Ecology Conference, no. 8, pp.169-197. Tall Timbers Research Station, Tallahassee, FL.
- Korschen, C.E., L.S. George, and W.L. Green. 1985. Disturbance of diving ducks by boaters on a migrational staging area. *Wildlife Society Bulletin* 13: 290-296.
- Kuss, F. 1986. A review of major factors influencing plant responses to recreation impacts. *Environmental Management* 10: 638-65.
- Ladd, D. 1997. Statement of Doug Ladd, Director of Science and Stewardship, Missouri Chapter of The Nature Conservancy, before the House Committee on Agriculture, July 15, 1997.
- Latham, R.E., J.E. Thompson, S.A. Riley, and A.W. Wibiralske. 1996. The Pocono till barrens: shrub savanna persisting on soils favoring forest. *Bulletin of the Torrey Botanical Club* 123(4): 330-349.
- Lee, D.S., R.E. Jenkins, and C.R. Gilbert. 1980. *Etheostoma citreum* (Cope), glassy darter. In: Atlas of North American Freshwater Fishes (Lee, D.S., C.R. Gilbert, C.H. Hocutt, R.E. Jenkins, D.E. McAllister, and J.R. Stauffer, Jr., eds), 708pp. North Carolina State Museum of Natural History, Raleigh, NC.
- Liddle, M. 1997. Recreation ecology: the ecological impact of outdoor recreation and ecotourism. Chapman and Hall, London, United Kingdom. 639pp.
- LimnoTech. 2008. Upper Patuxent River watershed overall summary recommendation report. Prepared for Anne Arundel County Department of Public Works, Annapolis, MD.
- Lynch, J.M. 1981. Status of the cerulean warbler in the Roanoke River Basin of North Carolina. *Chat* 45: 29-35.
- Lyon, L.J., M.H. Huff, R.G. Hooper, E.S. Telfer, D.S. Schreiner, and J.K. Smith. 2000. Wildland fire in ecosystems. U.S. Department of Agriculture, U.S. Forest Service Gen. Tech. Rep. RMRS-GTR-42. 83pp.
- Martin, W. 1996 and 2001. Checklist of butterflies at Patuxent Wildlife Research Center 2001. Accessed December 2011 at:
http://www.pwrc.usgs.gov/history/nathist/butterflies/butterfly_wmartin.PDF.
- Mattsson, B.J., T.L. Master, R.S. Mulvihill and W.D. Robinson. 2009. Louisiana waterthrush (*Parkesia motacilla*). In: The Birds of North America Online (A. Poole, ed.). Cornell Lab of Ornithology, Ithaca, NY. Accessed August 2012 at:
<http://bna.birds.cornell.edu/bna/species/151>.
- Maryland Department of the Environment (MDE). 2006. Summer 2006 air quality summary. Maryland Department of the Environment, Baltimore, MD.

- Maryland Department of the Environment (MDE). 2007. Water quality analysis of eutrophication for the Patuxent River Upper Watershed, Anne Arundel, Prince George's, and Howard Counties, Maryland. Maryland Department of the Environment, Baltimore, MD.
- Maryland Department of Environment (MDE). 2009. Water quality analysis of eutrophication for the Little Patuxent River basin in Anne Arundel and Howard Counties, Maryland. Maryland Department of the Environment, Baltimore, MD.
- Maryland Department of Natural Heritage. 2010. Current and historical rare, threatened, and endangered species of Prince Georges County, Maryland. Accessed August 2012 at: http://www.dnr.state.md.us/wildlife/Plants_Wildlife/rte/pdfs/rteprin.pdf.
- Maryland Department of Natural Resources (MD DNR). 1995. Changes in the fish population of Cash Lake during the five years after opening to public fishing.
- Maryland Department of Natural Resources (MD DNR). 1999. Timber harvest plan guidelines. FIDS/Forestry Task Force, Chesapeake Bay Critical Area.
- Maryland Department of Natural Resources (MD DNR). 2001. Little Patuxent River watershed characterization. Chesapeake and Coastal Watershed Service, Watershed Management and Analysis Division.
- Maryland Department of Natural Resources (MD DNR). 2005a. Maryland wildlife diversity conservation plan. Maryland Department of Natural Resources, Annapolis, MD.
- Maryland Department of Natural Resources (MD DNR). 2005b. Maryland biological stream survey 2000-2004 Volumes 4, 7-12, and 14. Maryland Department of Natural Resources, Monitoring and Non-Tidal Assessment Division, Annapolis, MD.
- Maryland Department of Natural Resources (MD DNR). 2005c. New biological indicators to better assess the condition off Maryland streams. Monitoring and Non-Tidal Assessment Division, Annapolis, MD.
- Maryland Department of Natural Resources (MD DNR). 2007. Restoration of American Shad in Maryland's Chesapeake Bay, 2007 final progress report. Fisheries Service, Annapolis, MD.
- Maryland Department of Natural Resources (MD DNR). 2010. Current and Historical Rare, Threatened and Endangered Species of Prince George's County, Maryland. Maryland Department of Natural Resources, Wildlife and Heritage Division.
- Maryland Geological Survey (MGS). 2007. Physiographic provinces of Maryland. Department of Natural Resources, Resource Assessment Service, Annapolis, MD.
- Maryland Partners in Flight (MD PIF). 1997. Habitat Management Guidelines for the benefit of landbirds in Maryland. MD PIF Management Committee.
- Mayre, W.B. 1920. The old Indian road. *Maryland Historical Magazine* 15: 107-395.

- Mayre, W.B. 1955. The great Maryland barrens (Parts I, II, and III). *Maryland Historical Magazine* 50: 11-23, 120-142, 234-252.
- McGilvrey, F. 1997. Characterization of wetland areas included in census.
- Millar, C.I., N.L. Stephenson, and S.L. Stephens. 2007. Climate change and forests of the future: managing in the face of uncertainty. *Ecological Applications* 17(8): 2145-2151.
- Miller, S.G., Knight R.L., and Miller C.K. 1998. Influence of recreational trails on breeding bird communities. *Ecological Applications* 8(1): 162-169.
- Miller, S.G., Knight R.L., and Miller C.K. 2001. Wildlife responses to pedestrians and dogs. *Wildlife Society Bulletin* 29(1): 124-132.
- Mitch, W.J. and J.G. Gosselink. 1993. *Wetlands* 2nd edition. Van Nostrand Reinhold, New York, NY.
- Monarch Larvae Monitoring Project (MLMP). 2012. Accessed August 2012 at: <http://www.mlmp.org/>.
- Morley, L.B. 1948. Early history of Patuxent Wildlife Research Center: a report on the history and development of the Patuxent Research Refuge. Laurel, MD.
- Morton, J.M., A.C. Fowler, and R.L. Kirkpatrick. 1989. Time and energy budgets of American black ducks in winter. *Journal of Wildlife Management* 53(2): 401-410.
- Murray, N. and D. Stauffer. 1995. Nongame bird use of habitat in central Appalachian riparian forests. *Journal of Wildlife Management* 59: 78-88.
- National Oceanic and Atmospheric Administration (NOAA). 2004. *Climatology of the United States No. 20 1971-2000, Station: Baltimore – Washington AP, MD.* Accessed August 2012 at: <http://cdo.ncdc.noaa.gov/climatenormals/clim20//md/180465.pdf>.
- Natural Resources Conservation Service (NRCS). 2010. Climate reports (narratives and tables) for soil survey regions of the U.S. (for Prince George's and Anne Arundel Counties). Accessed August 2012 at: <http://www.wcc.nrcs.usda.gov/cgibin/soil-nar-state.pl?state=md>.
- Nature Conservancy. 2002. Chesapeake Bay Lowland ecoregional plan (draft). Nature Conservancy, Arlington, VA.
- Nedeau, E. 2007. Triangle floater fact sheet. Massachusetts Division of Fisheries and Wildlife, Natural Heritage and Endangered Species Program.
- Newsome, D., S.A. Moore, and R.K. Dowling. 2002. Environmental impacts. In: *Natural Area Tourism: Ecology, Impacts and Management* (Newsome, D., S.A. Moore, R.K. Dowling, eds.), pp.79-145. Channel View Publications, Clevedon, United Kingdom.

- Niven, D.K., G.S. Butcher, and G.T. Bancroft. 2009. Christmas bird counts and climate change: northward shifts in early winter abundance. *American Birds*: 10-15.
http://web4.audubon.org/bird/cbc/pdf/AB_109_CBC_and_Climate_Change.pdf.
- Obrecht, H. 2005. Unpublished memo. USFWS.
- Orr, R. 1996. The dragonflies and damselflies of Patuxent Wildlife Research Center and vicinity. U.S. Department of Agriculture, Animal Plant Health Inspection Service.
- Owen, M. 1973. The management of grassland areas for wintering geese. *Wildfowl* 24: 123-130.
- Perry, M.C. 2004. The evolution of Patuxent. Friends of Patuxent, Laurel, MD.
- Perry, M.C. and C.S. Bond 2011. Herbaceous and woody plants of Patuxent Research Refuge. Laurel, MD. 47pp.
- Patterson, W.A. III and K.E. Sassman. 1988. Indian fires in the prehistory of New England. In: *Holocene human ecology in northeastern North America* (G.P. Nichols, ed.), pp.107-135. Plenum, NY.
- Pousson, J.F. 1987. Archaeological overview and assessment Patuxent Wildlife Research Center, Laurel, Maryland. U.S. Department of Interior, National Park Service, Denver Service Center, Applied Archaeology Center.
- Purdy, K.G., G.R. Goff, D.J. Decker, G.A. Pomerantz, N.A. Connelly. 1987. A guide to managing human activity on national wildlife refuges. U.S. Department of the Interior, U.S. Fish and Wildlife Service, Office of Information Transfer, Fort Collins, CO. 57pp.
- Rawinsky, T.J. 2008. Impacts of white-tailed deer overabundance in forest ecosystems: an overview. U.S. Department of Agriculture, U.S. Forest Service, Northeastern Area State and Private Forestry. Newton Square, PA. 8pp.
- Rayburn, E. 2001. Personal communication with Ed Rayburn, West Virginia University, Agricultural Extension Office. December 10, 2001.
- Rayburn, E. 2009. Personal communication with Ed Rayburn, West Virginia University, Agricultural Extension Office. December 7, 2009.
- Reed, P. 2002. Historic architectural identification and evaluation, Patuxent Wildlife Research Refuge, Laurel, MD. On file at the U.S. Fish and Wildlife Service Region 5 Office, Hadley, MA.
- Rich, C. and T. Longcore (editors). 2006. Ecological consequences of artificial night lighting. Island Press, Washington, DC. 458pp.
- Richard Grubb and Associates, Inc. 2011. Archaeological overview and assessment of the Patuxent Research Refuge Prince George's and Anne Arundel Counties, Maryland. Cultural Resources Review.

- Richards, K. May 10, 1994. Blueback herring return. Baltimore Sun, Baltimore, MD. Accessed August 2012 at: http://articles.baltimoresun.com/1994-05-10/news/1994130039_1_blueback-herring-herring-runs-patuxent-river.
- Riordan, R. 2006. Rare forest habitat discovered near Anacostia River in suburban Maryland. NatureServe article June 15, 2006. www.natureserve.org.
- Robbins, C.S., D.K. Dawson, and B.A. Dowell. 1989. Habitat area requirements of breeding forest birds of the middle Atlantic states. *Wildlife Monographs* 103: 1-34.
- Robbins, C.S. and E. Blom. 1996. Atlas of the breeding birds of Maryland and the District of Columbia. University of Pittsburgh Press, Pittsburgh, PA.
- Robbins, C.S., J. Fitzpatrick, and P.B. Hamel. 1992. A warbler in trouble: *Dendroica cerulea*. In: Ecology and Conservation of Neotropical Migrant Landbirds (Hagan, J.M., III and D.W. Johnston, eds.), pp.549-562. Smithsonian Institution Press, Washington, DC.
- Rodgers, J.A., Jr. and H.T. Smith. 1995. Set-back distances to protect nesting bird colonies from human disturbance in Florida. *Conservation Biology* 9(1): 89-99.
- Rodgers, J.A., Jr. and H.T. Smith. 1997. Buffer zone distances to protect foraging and loafing waterbirds from human disturbance in Florida. *Wildlife Society Bulletin* 25(1): 139-145.
- Rogers, C.E. and J.P. McCarty. No date. Climate change and ecosystems of the Mid-Atlantic region. National Center for Environmental Assessment, US Environmental Protection Agency, Washington, DC, and University of Maryland, College Park, MD.
- Rosenberg, K.V., R.W. Rohrbaugh, Jr., S.E. Barker, J.D. Lowe, R.S. Hames, and A.A. Dhondt. 1999. A land managers guide to Improving habitat for scarlet tanagers and other forest interior birds. The Cornell Lab of Ornithology, Ithaca, NY.
- Russo, J., T. Bonetti, S. Perchetti, and A. VanBeuchisem. January 2009. Patuxent Research Refuge visitor services review. U.S. Department of the Interior, U.S. Fish and Wildlife Service, Laurel, MD.
- Sauer, J.R., B.G. Peterjohn, S. Schwartz, and J.E. Hines. 1995. The grassland bird homepage. Version 95.0. Patuxent Wildlife Research Center, Laurel, MD. Accessed March 2013 at: <http://www.mbr-pwrc.usgs.gov/bbs/grass/grass.htm>.
- Scherer, G. 2001. Backcountry visitor impacts: we have met the enemy, and he is us. *American Hiker*.
- Schroeder, R.L. and K. Askerooth. 1999. A habitat-based approach to management of tallgrass prairies at the Tewaukon National Wildlife Refuge. Information and Technology Report USGS/BRD/ITR—2000-0001.
- Shugart, H.H., Jr. and D. James. 1973. Ecological succession of breeding bird populations in northwestern Arkansas. *Auk* 90: 62-77.

- Simmons, R. and M. Strong. 2001. Araby bog flora surveys. Maryland Native Plant Society, SAMMS.
- Solensky, M.J. 2004. The effect of behavior and ecology on male mating success in overwintering monarch butterflies (*Danaus plexippus*). *Journal of Insect Behavior* 17: 723-743.
- Stauffer, D.F. and L.B. Best. 1980. Habitat selection by birds of riparian communities: evaluating effects of habitat alterations. *Journal of Wildlife Management* 44(1): 1-15.
- Steponaitis, L.C. 1980. A survey of artifact collections from the Patuxent River drainage. Maryland Historical Trust Monograph Series No. 1, Annapolis. Maryland Historical Trust, Crownsville, MD.
- Swanston, C. 2010. Interactions between forests, carbon, and climate change. Presentation at “Adapting to Climate Change in the Mid-Atlantic” conference, March 23-25, 2010, Cambridge, MD. USDA Forest Service Northern Research Station.
- Sweka, J. and J. Mohler. 2010. Fish species richness on the John Heinz National Wildlife Refuge at Tinicum. U.S. Department of the Interior, U.S. Fish and Wildlife Service, Northeast Fishery Center.
- Temple, S.A., M.J. Mossman, and B. Ambuel. 1979. The ecology and management of avian communities in mixed hardwood-coniferous forests. In: *Management of North Central and Northeastern Forests for Nongame Birds* (DeGraaf, R.M. and K.E. Evans, compilers) pp.132-153. U.S. Department of Agriculture, For. Servo Gen. Tech. Rep. NC-51.
- Trails and Wildlife Task Force, Colorado State Parks, and Hellmund Associates. 1998. *Planning trails with wildlife in mind: a handbook for trail planners*. Colorado State Parks, Denver, CO. 51pp.
- Trapp, H. and M.A. Horn. 1997. *Groundwater atlas of the United States: Delaware, Maryland, New Jersey, North Carolina, Pennsylvania, Virginia, West Virginia*. HA 730-L. U.S. Geological Survey. Accessed August 2012 at: http://pubs.usgs.gov/ha/ha730/ch_1/index.html.
- Tyndall, R.W. 1992. Historical considerations of conifer expansion in Maryland serpentine barrens. *Castanea* 57(2): 123-131.
- University of Maryland, Baltimore County (UMBC). 2003. *Maryland growing season*. Accessed August 2012 at: http://www.umbc.edu/ges/student_projects/Ag_Atlas/pages/09.htm.
- URS Group, Inc. 2010. Amended site management plan, Fort George G. Meade, MD. Project no. 15301086. Contract Number W912DR-09-D-0017. (Fort George G. Meade Site Mgmt Plan 2010, 1-3).
- United States Census Bureau (USCB). 2000. 2000 United States Census data.

- United States Census Bureau (USCB). 2010. 2010 United States Census data.
- United States Department of Agriculture (USDA) Forest Service. 1989. A guide for prescribed fire in southern forests. Technical publication R8-TP11. U.S. Department of Agriculture, U.S. Forest Service.
- United States Department of Agriculture (USDA) Forest Service. 2009. Gypcheck – bioinsecticide for the gypsy moth. U.S. Department of Agriculture, U.S. Forest Service, Forest Health Technology Enterprise Team. Accessed August 2012 at: <http://www.fs.fed.us/foresthealth/technology/pdfs/gypchek.pdf>.
- United States Fish and Wildlife Service (USFWS). 1989. Fishery survey report Patuxent Wildlife Research Center Laurel, Maryland. U.S. Department of the Interior, U.S. Fish and Wildlife Service, Office of Fishery Assistance.
- United States Fish and Wildlife Service (USFWS). 2003. National strategy for invasive species management. U.S. Department of the Interior, U.S. Fish and Wildlife Service, National Wildlife Refuge System. Accessed August 2012 at: <http://www.fws.gov/invasives/pdfs/NationalStrategyFinalRevised05-04.pdf>.
- United States Fish and Wildlife Service (USFWS). 2004. Writing refuge management goals and objectives: a handbook. U.S. Department of the Interior, U.S. Fish and Wildlife Service, National Wildlife Refuge System. Accessed August 2012 at: http://library.fws.gov/Refuges/WritingRefugeGoals_022504.pdf.
- United States Fish and Wildlife Service (USFWS). 2007. Banking on nature 2006: the economic benefit to local communities of National Wildlife Refuge visitation. U.S. Department of the Interior, U.S. Fish and Wildlife, Division of Economics, Washington, DC.
- United States Fish and Wildlife Service (USFWS). 2008. Birds of conservation concern. U.S. Department of the Interior, U.S. Fish and Wildlife Service, Division of Migratory Bird Management, Arlington, VA.
- United States Fish and Wildlife Service (USFWS). 2009. Rising to the urgent challenge: strategic plan for responding to accelerating climate change. U.S. Department of the Interior, U.S. Fish and Wildlife Service.
- United States Fish and Wildlife Service (USFWS). 2010. Service manual. U.S. Department of the Interior, U.S. Fish and Wildlife Service. Accessed August 2012 at: <http://www.fws.gov/policy/direct.html>.
- United States Fish and Wildlife Service (USFWS). 2011. Strategic Decision Making Plan (draft). U.S. Department of the Interior, U.S. Fish and Wildlife Service.
- Vanasse Hangen Brustlin, Inc., March 2010. Patuxent Research Refuge transportation plan. Laurel, MD.

- Vickery, P.D. 1996. Grasshopper sparrow (*Ammodramus savannarum*). In: The Birds of North America, No. 239 (Poole and F. Gill, eds.). The Academy of Natural Sciences, Philadelphia, PA and the American Ornithological Union, Washington, DC.
- Vickery, P.D, J.R. Herkert, F.L. Knopf, J. Ruth, and C.E. Keller. 1999. Grassland birds: an overview of threats and recommended management strategies. In: Strategies for Bird Conservation: The Partners in Flight Planning Process (R. Bonney, D.N. Pashely, R. Cooper, and L. Niles, eds.). Cornell Lab of Ornithology.
- Victoria, C.J. 2009. Assessment of the biological health of streams on the Patuxent Research Refuge within Anne Arundel County, Maryland. Department of Public Works, Bureau of Engineering, Watershed, Ecosystem, and Restoration Services, Anne Arundel County, MD.
- Victoria, C. and J. Markusic. 2009. Assessment of the biological health of streams on the Patuxent Research Refuge within Anne Arundel County, Maryland. Anne Arundel County Department of Public Works, Bureau of Engineering, Watershed, Ecosystem and Restoration Services, Annapolis, MD. 31pp. Accessed August 2012 at: http://www.aacounty.org/DPW/Watershed/PRR%20Biological%20Conditions%20Summary_final.pdf.
- Vilchek, L. 2011, 2012. USFWS. Personal communication.
- Virginia Department of Game and Inland Fisheries (VDGIF). 2005. Virginia's comprehensive wildlife conservation strategy 2005. Virginia Department of Game and Inland Fisheries, Richmond, VA
- Vogl, R.J. 1974. Effects of fire on grasslands. In: Fire and Ecosystems (T.T. Kozlowski and C.E. Ahlgren, eds.) pp.139-193. Academic Press, New York, NY.
- Ward, D.H., and R.A. Stehn. 1989. Response of brant and other geese to aircraft disturbance at Izembek Lagoon, Alaska. Final report to the Minerals Management Service. U.S. Department of the Interior, U.S. Fish and Wildlife Service, Alaska Fish and Wildlife Research Center, Anchorage, AK. 193pp.
- Watts, B.D., M.D. Wilson, and D.S. Bradshaw. 1997. Habitat requirements of early successional bird communities: management implications for Mid-Atlantic region. Center for Conservation Biology Technical Report, CCBTR-97-03. College of William and Mary, Williamsburg, VA. 62pp.
- Watts, B.D. 1999. Partners in Flight Bird conservation plan for the Mid-Atlantic Coastal Plain (Physiographic Area 44), Version 1.0. American Bird Conservancy, College of William and Mary, Williamsburg, VA. 81pp.
- Watts, B.D. 2000. Management of park fields to enhance natural resource value and biodiversity of Colonial National Historic Park. Center for Conservation Biology, College of William and Mary, Williamsburg, VA. 23pp.

- Watts, B.D., M.D. Wilson, and D. Bradshaw. 1997. Habitat requirements of early successional bird communities: management implications for mid-Atlantic region. Center for Conservation Biology Technical Report, CCBTR-97-03. College of William and Mary, Williamsburg, VA. 62pp.
- Weaver, T. and D. Dale. 1978. Trampling effects of hikers, motorcycles and horses in meadows and forests. *Journal of Applied Ecology* 15: 451-457.
- Whittaker, D. and Knight, R. L. 1998. Understanding wildlife responses to humans. *Wildlife Society Bulletin* 26(2): 312–317.
- Wildland Fire Associates LLC. 2008. Patuxent Research Refuge fire management plan.
- Williams, G.J. and E. Forbes. 1980. The habitat and dietary preferences of dark-bellied brant geese and widgeon in relation to agricultural management. *Wildfowl* 31: 151-157.
- Williams, B.K., R.C. Szaro, and C.D. Shapiro. 2007. Adaptive management: the U.S. Department of Interior technical guide. U.S. Department of Interior, Adaptive Management Working Group, Washington, DC.
- Wilson, M.D. and B.D. Watts. 2008. Landscape configuration effects on distribution and abundance of whip-poor-wills. *The Wilson Journal of Ornithology* 120: 778-783.
- Wurster, F. November 2010. Patuxent Research Refuge water resources inventory and assessment. Laurel, MD.

