

# BIBLIOGRAPHY



*Volunteer helping to construct trail: USFWS*

- Abel, K.W., S.M. Hagan, and S.A. Brown. 2003. Mechanisms of Marsh Habitat Alteration Due to *Phragmites*: Response of Young-or-the-year Mummichog (*Fundulus heteroclitus*) to Treatment for *Phragmites* Removal. *Estuaries* 26, No. 2B: 484-494.
- Abrams, M.D. and B.A. Black. 2000. Dendroecological analysis of a mature loblolly pine–mixed hardwood forest at the George Washington Birthplace National Monument, eastern Virginia.
- Ake, R. White Stone, VA BBS Route surveyor, personal communication 10/2/2006.
- Alliance for the Chesapeake Bay, 2003. The Rappahannock and the Chesapeake Bay. [www.acb-online.org/pubs/projects/deliverables-151-4-2003.pdf](http://www.acb-online.org/pubs/projects/deliverables-151-4-2003.pdf)
- Allombert, S., A.J. Gaston, and J.-L. Martin. 2005. A natural experiment on the impact of overabundant deer on songbird populations. *Biological Conservation* 126(1):1-13.
- Askins, R.A. 2000. Restoring North America's birds. Yale University Press, New Haven, CT. 332 pp.
- Askins, R.A. 2002. Restoring North America's Birds: Lessons from Landscape Ecology, 2nd Ed. Yale University Press, New Haven and London. 332 pp.
- Atlantic Coast Joint Venture. 2005. Atlantic Coast Joint Venture Waterfowl Implementation Plan Revision.
- Atlantic Coast Joint Venture. 2007. New England/Mid-Atlantic Coast Bird Conservation Region (BCR) 30 Implementation Plan
- Atlantic Sturgeon Status Review Team. 2007. Status Review of Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*). Report to National Marine Fisheries Service, Northeast Regional Office. February 23, 2007. 174 pp.
- Augustine, D.J. and Frelich, L.E. 1998. Effects of white-tailed deer on populations of understory forb in fragmented deciduous forests. *Conservation Biology*. 12(5); 995-1004.
- 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.
- Baldwin, R.F., A.J.K. Calhoun, and P.G. DeMaynadier. 2006. Conservation planning for amphibian species with complex habitat requirements: a case study using movements and habitat selection of the wood frog, *Rana sylvatica*. *Journal of Herpetology*, Vol. 40, No. 4, pp. 442–453.
- Banks, P.B. and J.V. Bryant. 2007. Four-legged friend or foe? Dog-walking displaces native birds from natural areas. *Animal Behavior Biological Letters* (3) 611-613
- Belden, A. Jr., A.C. Chazal, and P.P. Coulling. 2002. A natural heritage inventory of the Rappahannock River Valley NWR potential acquisition area. Natural Heritage Technical Report 02–08. Virginia Department of Conservation and Recreation, Division of Natural Heritage, Richmond, VA 134 pp.

- Birds of the Rappahannock River Valley National Wildlife Refuge. 2006 (unpublished).
- Blossey, B. 1999. Before, during and after: the need for long-term monitoring in invasive species management. *Biological Invasions* 1:301–311.
- Blossey, B. and J.D. Maerz. No date. A Proposal for Developing Standardized Protocols to Assess Potential Impacts of Invasive Plants on Amphibian Habitat Quality. Ecology and Management of Invasive Plants Program, Department of Natural Resources, Cornell University, Ithaca, NY. (unpubl).
- Brown, S., C. Hickey, B. Harrington, and R. Gill, eds. 2001. The U.S. Shorebird Conservation Plan, 2nd ed. Manomet Center for Conservation Sciences, Manomet, MA.
- Buchanan, B.W. 2002. Observed and potential effects of artificial light on the behavior, ecology, and evolution of nocturnal frogs. *In* Proceedings of the Urban Wildlands Group, Ecological consequences of artificial night lighting, February 23-24, 2002. Los Angeles, CA. Catherine Rich & Travis Longcore, Conference Co-Chairs.
- Burton, T.M. and Likens, G.E. 1975. Salamander populations and biomass in the Hubbard Brook Experiment. *Copeia* 1975:541–546.
- Caroline County. 2006. Webpage for Caroline County, Virginia. [www.co.caroline.va.us](http://www.co.caroline.va.us).
- Center for Conservation Biology (CCB). 2002. Habitat Assessment, Pine Plantation. [http://ccb.wm.edu/habitat/hab/hab\\_pine\\_back.htm](http://ccb.wm.edu/habitat/hab/hab_pine_back.htm) (Accessed August 14, 2007).
- Chesapeake Bay Foundation. 2006. CBF Applauds Virginia Proposal to Cap Menhaden Catch. Monday, July 31, 2006. Article by CBF staff at: <http://cbf.org/site/News2?page=NwsArticle&id=19243> (Accessed August 17, 2007).
- Chesapeake Bay Program. 2006. Atlantic Menhaden. [www.chesapeakebay.net/atlantic\\_menhaden.htm](http://www.chesapeakebay.net/atlantic_menhaden.htm) (Accessed April 2006).
- Clark, K.E and L.J Niles, North Atlantic Shorebird Habitat Working Group. 2000. North Atlantic Regional Shorebird Plan. Endangered and Nongame Species Program, NJ Division of Fish and Wildlife, Woodbine, NJ, and Members of the North Atlantic Shorebird Habitat Working Group.
- Cline, K.W. 1985. Bald eagles in the Chesapeake: A management guide for landowners. National Wildlife Federation, Washington, D.C.
- Cline, K.W. 1993. Bald Eagle nest management in Virginia. Virginia Department of Game and Inland Fisheries, Nongame and Endangered Species Program. Planning Document.
- 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, Virginia.

- Commonwealth of Virginia. 1988. Rappahannock Water Supply Plan. Virginia State Water Control Board. Richmond, VA 294 pp.
- Cooper, J., B. Portlock, S. Spencer. 2005. Rappahannock River Winter Bald Eagle Survey, February 7, 2005. Joint VDGIF, CBF, and USFWS unpublished data.
- Dauer, D.M., H.G. Marshall, J.R. Donat, M.F. Lane, P.L. Morton, S.C. Doughten, F.A. Hoffman. 2005. Status and Trends in Water Quality and Living Resources in the Virginia Chesapeake Bay: Rappahannock River (1985–2004). Chesapeake Bay Program, Virginia Department of Environmental Quality (DEQ). March 2005.
- David L.; Conner, Richard N., eds. Wilderness and natural areas in the eastern United States: a management challenge. Nacogdoches, TX: Center for Applied Studies, School of Forestry, Stephen F. Austin State University: 253–258.
- 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.
- Droege, S. and Shapiro. L. 2009. USGS Refuge Native Bee Survey. <http://beerefuge.blogspot.com>
- Easton, W.E. and K. Martin. 2002. Effects of Thinning and Herbicide Treatments on Nest–Site Selection by Songbirds in Young Managed Forests. *The Auk* 119(3):685–694.
- Ecological Society of America. 2004. Guidelines for Describing Associations and Alliances of the U.S. National Vegetation Classification. Version 4.0
- Egloff, Keith and Deborah Woodward. 2006. *First People: The Early Indians of Virginia*, second edition. University of Virginia Press, Charlottesville and London.
- Elliott, Katherine J. and James M. Voss. 2005. Initial Effects of Prescribed Fire on Quality of Soil Solution and Streamwater in the Southern Appalachian Mountains. *Southern Journal of Applied Forestry* 29(1):5-15.
- Essex County. 2006. [www.essex-virginia.org](http://www.essex-virginia.org).
- Fall, Ralph Emmett. 1982. *Hidden Village- PortRyal, Virginia 1744-1981*. McClure Printing Company, Inc., Verona, Virginia.
- Fischer, R. A., and Fischenich, J.C. 2000. Design recommendations for riparian corridors and vegetated buffer strips," EMRRP Technical Notes Collection (ERDC TN–EMRRP–SR–24), U.S. Army Engineer Research and Development Center, Vicksburg, MS.
- Fleming, G.P., P.P. Coulling, D.P. Walton, K.M. McCoy, and M.R. Parrish. 2001. The natural communities of Virginia: classification of ecological community groups. First approximation. Natural Heritage Report 01–1. Virginia Department of Conservation and Recreation, Division of Natural Heritage, Richmond, VA. Unpublished report. January 2001. 76 pp.
- Fleming, G.P., P.P. Coulling, K.D. Patterson, K.M. McCoy. 2004. The natural communities of Virginia: classification of ecological community groups. Second

- approximation. Virginia Department of Conservation and Recreation, Division of Natural Heritage, Richmond, VA. <http://www.dcr.virginia.gov/dnh/ncintro.htm>.
- Fleming, G.P., P.P. Coulling, K.D. Patterson, and K. Taverna. 2006. The natural communities of Virginia: classification of ecological community groups. Second approximation. Version 2.2. Virginia Department of Conservation and Recreation, Division of Natural Heritage, Richmond, VA. [http://www.dcr.virginia.gov/natural\\_heritage/ncintro.html](http://www.dcr.virginia.gov/natural_heritage/ncintro.html) (Accessed 1/23/2006).
- Forsell, D., U.S. Fish and Wildlife Service, Migratory Bird Biologist, Chesapeake Bay Field Office, personal communication, July 11, 2005.
- France, M. 2007. Pers. communications.
- Frank, K. 1988. Impact of outdoor lighting on moths. *Journal of the Lepidopterists' Society*, volume 42, pp. 63-93.
- Frank, K. 2002. Impact of artificial lighting on moths. *In* Proceedings of the Urban Wildlands Group, Ecological consequences of artificial night lighting, February 23-24, 2002. Los Angeles, CA. Catherine Rich & Travis Longcore, Conference Co-Chairs
- Grumet, Robert S. 2000. Bay, Plain, and Piedmont: A Landscape History of the Chesapeake Heartland from 1.3 Billion Years Ago to 2000. The Chesapeake Bay Heritage Context Project, 183 pp. Annapolis, MD: U.S. Department of Interior, National Park Service.
- Guerry AD, Hunter ML, Jr. 2002. Amphibian distributions in a landscape of forests and agriculture: an examination of landscape composition and configuration. *Conservation Biology* 16:745–754
- Hamel, P.B. 1992. The land managers guide to the birds of the South. The Nature Conservancy, Southeastern Region, Chapel Hill, N.C. 437 p.
- Hammet, J.E. 1992. The shapes of adaptation: historical ecology of the anthropogenic landscapes in the Southeastern United States. *Landscape Ecology*. (7)2; 121–135.
- Hammitt, William E. 1986. Resource impacts of recreation on wilderness. In: Kulhavy, David L.; Conner, Richard N., eds. *Wilderness and natural areas in the eastern United States: a management challenge*. Nacogdoches, TX: Center for Applied Studies, School of Forestry, Stephen F. Austin State University: 253-258
- Haramis, G. M., E. L. Derleth, and D. G. McAuley. 1982 Techniques for trapping, aging, and banding wintering canvasbacks. *J. Field Ornithol.* 53:177-183
- Heath, S. 2006. Virginia Avian Records Committee (VARCOM), Virginia Society of Ornithology. Personal communication, August 2006.
- Helzer, C. J. and D. E. Jelinski. 1999. The relative importance of patch area and perimeter–area ratio to grassland breeding birds. *Ecological Applications* 9:1448–1458
- Heyer, W., M. Donnelly, R. McDiarmid, L. Hayek, and M. Foster. 1994. *Measuring and Monitoring Biological Diversity, Standard Methods for Amphibians*. Smithsonian Institution Press. 320.pp.

- Historic Port Royal, Inc. 2006. Webpage for Port Royal, Virginia.  
[www.historicportroyal.com](http://www.historicportroyal.com).
- Houlahan, J.E. and C. S. Findlay. 2004. Estimating the 'critical' distance at which adjacent land–use degrades wetland water and sediment quality. *Landscape Ecology* 19:677–690.
- Hutto, R.L. 1998. Using landbirds as an indicator species group. In *Avian Conservation: Research and Management*. (J.M. Marzluff and R.Sallabanks, eds.). Island Press, Wash. D.C. pp. 79–92.
- Johnston, S.A. 2003. orientation and migration distances of a pond–breeding salamander (*Notophthalmus perstriatus, salamandridae*). *Alytes*, 2003, 21 (1–2): 3–22.
- Jones, A.L. and P.D. Vickery. 1999. Managing Small Grasslands including Conservation Lands, Corporate Headquarters, Recreation Fields, and Small Landfills for Grassland Birds. Grassland Conservation Program, Center for Biological Conservation, Massachusetts Audubon Society.
- Kale II, H.W. 1965. Ecology and bioenergetics of the long–billed marsh wren (*Telmatodytes palustris griseus*) in Georgia salt marshes. Nuttall Ornithological Club, No. 5. Cambridge, MA.
- Kearney, M. S., A. S. Rogers, J. R. G. Townshend, J. C. Stevenson, E. Rizzo, D. Stutzer, and K. Sundberg. 2002. Landsat imagery shows decline of coastal marshes in Chesapeake and Delaware Bays. *In EOS. Amer. Geophys. Union* 83: 173,177–178.
- King George County. 2006. < Webpage for King George County, Virginia.  
[www.king-george.va.us](http://www.king-george.va.us).
- Kirwan. J.L. and H.H. Shugart. 2000. Vegetation and two indices of fire on the Delmarva Peninsula. *Journal of the Torrey Botanical Society* 127(1), pp.44–50.
- Klapproth, Julia C. and James E. Johnson. 2000. Understanding the Science Behind Riparian Forest Buffers: Effects on Water Quality. Virginia Cooperative Extension, College of Natural Resources, Virginia Tech, Blacksburg, VA. Publication Number 420-151. 16pp.
- Lamie, R. David. 1997. The Economic Impact of Agriculture and Ag-Related Industries on the Commonwealth of Virginia. Department of Agricultural and Applied Economics, Virginia Tech University.
- Lamoureux, V.S, J.C. Maerz, and D.M. Madison. 2002. Pre-migratory autumn foraging forays in the green frog, *Rana clamitans*. *Journal of Herpetology* 36:245–254.
- Lancaster County Chamber of Commerce. 2006. [www.lancasterva.com](http://www.lancasterva.com).
- Langdon, M. and T. Cronin. 2003. A Summary Report of Sediment Process in the Chesapeake Bay and Watershed. US Dept of Interior and US Geological Survey. Water Resources Investigation Report 03–4123.
- Laskowski RA, MacArthur MW, Moss DS and Thornton JM (1993) PROCHECK: a program to check the stereochemical quality of protein structures. *Journal of Applied Crystallography*, 26: 283–291.

- Liddle, Michael. 1997. Recreation ecology: the ecological impact of outdoor recreation and ecotourism. London, United Kingdom: Chapman and Hall. 639 p.
- Lindzey, D.L. 1998. The Mammals of Virginia. McDonald & Woodward Publishing Company, Blacksburg, VA .
- Lingenfelter, Susan. U.S.Fish and Wildlife Service Ecological Services, Virginia Field Office, personal communication, September 2005.
- Louv, Richard. 2005. Last Child in the Woods: Saving our Children from Nature-Deficit Disorder. Algonquin Books of Chapel Hill.
- Lyon, L.J., Hooper, R.G., Telfer, E.S., Schreiner, D.S. 2000. Fire effects on wildlife foods. *In* USDA Forest Service General Technical Report RMRS-GTR-42-vol.1. 2000. Wildland Fire in Ecosystems
- MANEM Waterbird Working Group. 2006. Waterbird Conservation Plan for the Mid-Atlantic/New England/Maritimes Region: 2006-2010. Waterbird Conservation for the Americas ([www.waterbirdconservation.org](http://www.waterbirdconservation.org)).
- Marquez, M. Ricah, Brad Botwick and David Price. 2008. Phase I Archaeological Survey of the Rappahannock River Valley National Wildlife Refuge, Richmond and Essex Counties, Virginia. New South Technical Report #1492. Submitted to Federal Highway Administration. Stone Mountain, GA.
- Marsh, D.M., G.S. Milam, Gorham, N.P. N.G. Beckman. 2005. Forest roads as partial barriers to terrestrial salamander movement. *Conservation Biology*. 19:6, 2004-2008.
- Maryland Department of Natural Resources (MD DNR). 2000. Shore Erosion Taskforce Final Report. Shore Erosion Control/Coastal Zone Management Division. Annapolis, MD. [www.dnr.state.md.us](http://www.dnr.state.md.us). Accessed August 10, 2006.
- McCullough, D.R., 1982. The theory and management of *Odocoileus* populations. *In* Biology and Management of the Cervidae. Wemmer, C. (ed.) 1987; 535-549. Res. Symposium National Zoological Park.
- McIninch, S.P. and G.C. Garman. 1999. The anadromous clupeid fishes of the Chesapeake Bay. An evaluation of essential habitat and barriers to migration in the Rappahannock River basin. Final Project Report to VA Department of Game and Inland Fisheries, Richmond, VA.
- McNab, W.H. and P.E. Avers, 1994. Ecological Subregions of the United States. Technical Report WO-WSA-5, U.S. Forest Service, Washington D.C.
- Menokin Foundation (ca. 2006). Visitors' Guide - Francis Lightfoot Lee's Menokin c. 1769. Menokin Foundation, Warsaw, Virginia.
- Middle Peninsula Planning District Commission. 2006. [www.mppdc.com](http://www.mppdc.com).
- Middlesex County. 2006. Webpage for Middlesex, Virginia. [www.co.middlesex.va.us](http://www.co.middlesex.va.us).
- Miller, S.G., R.L. Knight, and C.K. Miller. 2001. Wildlife responses to pedestrians and dogs. *Wildlife Society Bulletin* 29 (1): 124-132.
- Miller, M. 2000. Chapter 2: Fire autecology. *In* Wildland fire in ecosystems, effects of fire on flora. USDA Forest Service Gen. Tech. Rep. RMRS-GTR-42.vol.2.

- Mitchell, J.C., A.R. Breisch, and K.A. Buhlmann. 2006. Habitat Management Guidelines for Amphibians and Reptiles of the Northeastern U.S. Partners in Amphibian and Reptile Conservation, Technical Publication HMG-3, Montgomery, Alabama, 108 pp
- Mitsch, W.J. and Gosselink, J.G. 1993. Wetlands. Van Nostrand Reinhold, New York, NY. 721 pp.
- Monarch Larvae Monitoring Project, 2003-2004. King George County, Palmer residence entrance driveway garden, <http://www.mlmp.org/results>.
- Montague. P. 1998. Frogs, alligators and pesticides. Rachel's Environment and Health Weekly, Environmental Research Foundation, March 21, 1998. <http://www.crcwater.org/issues4/frogwater2.html> (Accessed July 2007).
- Morris, George. 1680. Lands in Dispute Between Henry Reeves and Mr. William Daingerfield. Mss. 7:2T1655:1. Copy on file with Essex County Land Trials 1715-1741: p. 136+.
- Mossman, M. Rasmussen, P., Sauer, J., Droege. S. No Date. Wisconsin Frog Survey Analysis: Sample size estimation for amphibian calling surveys and some surprising trends from 11-year analysis of Wisconsin frog and toad survey data. Abstract for NAAMP II Meeting in Toronto, 1996.
- National Wildlife Refuge Association. 2002. The Silent Invasion: A Call to Action. 17pp.
- National Research Council. 2006. Status of Pollinators in North America. National Academies Press, Washington, DC. <http://www.ipm.msu.edu/plants/publications.htm>.
- NatureServe1. 2004. International Ecological Classification Standard: Terrestrial Ecological Classifications. Chesapeake Bay Lowlands (Ecoregion 58). NatureServe Central Databases. Arlington, VA. Data current as of 11 November 2004.
- Neitsch SL, Arnold JG, Kinney JP, and Williams JR. 2001. Soil and water assessment tool documentation. (20 February 2003; [www.brc.tamus.edu/swat/swat2000doc.html](http://www.brc.tamus.edu/swat/swat2000doc.html)).
- Newsome, David; Moore, Susan A.; Dowling, Ross K. 2002. Environmental impacts. In: Newsome, David; Moore, Susan A.; Dowling, Ross K. Natural area tourism: ecology, impacts and management. Clevedon, United Kingdom: Channel View Publications: 79–145.
- Northern Neck Tourism Council. 2006. [www.northernneck.org/](http://www.northernneck.org/)
- Odenkirk, J. VDGIF Fish Passage Biologist. Personal communication. July 27, 2006.
- Office of the Federal Register National Archives and Records Administration. (CFR) 2007. Code of Federal Regulations.
- Orth, R.J., J.R. Nowak, G.F. Anderson, D.J., Wilcox, J.R. Whiting, and L.S. Nagey. 1996. 1995 Distribution of Submerged Aquatic Vegetation in the Chesapeake Bay. College of William and Mary School of Marine Science, Virginia Institute of Marine Science.



- Orwig, D.A. and M.D. Abrams. 1994. Land–use history (1720–1992), composition, and dynamics of oak–pine forests within the Piedmont and Coastal Plain of northern Virginia. *Canadian Journal of Forestry Research*, Vol. 24
- Pease, M.L., R.K. Rose, and M.J. Butler. 2005. Effects of human disturbances on the behavior of wintering ducks. *The Wildlife Society Bulletin*. 33(1): 103–112.
- Peterjohn, W.T. and D.L. Correll. 1984. Nutrient dynamics in an agricultural watershed: observations on the role of a riparian forest. *Ecology* 65:1466-1475.
- Picman, J., M.L. Leonard, and A. Horn. 1988. Antipredation role of clumped nesting by marsh–nesting red–winged blackbirds. *Behavioral Ecology and Sociobiology* 22:9–15.
- Pope SE, Fahrig L, Merriam HG (2000) Landscape complementation and metapopulation effects on leopard frog populations. *Ecology* 81:2498–2508
- Portlock, W. Sharps, VA BBS Route surveyor, personal communication, 9/21/2006.
- Ramankutty, N. and J.A. Foley. 1999. Estimating Historical Changes in Land Cover: North American Croplands from 1850 to 1992. *Global Ecology and Biogeography*, Vol.8, No.5. pp. 381–396.
- Relyea, R.A., N.M. Schoeppner, and J.T. Hoverman. 2005. Pesticides and amphibians: the importance of community context. *Ecological Applications*, 15(4)1125–1134.
- Relyea, R.A. 2005a. The lethal impacts of roundup and predatory stress on six species of North American tadpoles. *Archives of Environmental Contamination and Toxicology*. 48, 351–357.
- Relyea, R.A. 2005b. The lethal impact of roundup on aquatic and terrestrial amphibians. *Ecological Applications*, 15(4) 1118–1124.
- Rich, T.D., C.J. Beardmore, H. Berlanga, P.J. Blancher, M.S. W. Bradstreet, G.S. Butcher, D.W. Demarest, E.H. Dunn, W.C. Hunter, E.E. Inigo–Elias, J.A. Kennedy, A.M. Martell, A.O. Panjabi, D.N. Pashley, K.V. Rosenberg, C.M. Rustay, J.S. Wendt, T.C. Will. 2004. *Partners in Flight North American Landbird Conservation Plan*. Cornell Lab of Ornithology. Ithaca. NY.
- Richmond County. 2006. Webpage for Richmond County, Virginia. [www.co.richmond.va.us](http://www.co.richmond.va.us)
- Robinette, C.E. and A.S. Hoppe. 1982. *Soil Survey of Richmond County, VA US Dept of Agriculture. Soil Conservation Service*. 126 pp.
- Rodenhouse, N.L., L.B. Best, R.J. O’Connor, and E.K. Bollinger. 1993. Effects of temperate agriculture on neotropical migrant landbirds. In *Status and management of neotropical migratory birds*. D.M Finch and P.W. Stangel, eds. GenTechRep RM–229, USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, Ft. Collins. pp 280–295.
- Rosenberg, K.V., B.D. Watts, R. Dettmers. 2004. *Atlantic Cost Joint Venture and Partners in Flight: Southern New England/Mid-Atlantic Coastal Plain Bird Conservation Assessment (for Bird Conservation Area 30) November*.

- Rosenberg, K.V., R.W. Rohrbaugh, Jr., S.E. Barker, J.D. Lowe, R.S. Hames, and A.A. Dondt. 1999. A land manager's guide to improving habitat for scarlet tanagers and other forest interior birds. The Cornell Lab of Ornithology.
- Rosenberg, K.V., R.S. Hames, R.W. Rohraugh, Jr., S. Barker Swarthout, J.D. Lowe, and A.A. Dondt. 2003. A land manager's guide to improving habitat for forest thrushes. The Cornell Lab of Ornithology.
- Rottenborn, S.C. and Brinkley, E.S. 2007. Virginia's Birdlife—An Annotated Checklist, Fourth Edition, Virginia Society of Ornithology, Virginia Avifauna, No. 7.
- Saltonstall, K., P.M. Peterson, and R.J. Soreng. 2004. Recognition of *Phragmites australis* subsp. *Americanus* (Poaceae: Arundinoideae) in North America: evidence from morphological and genetic analyses. *SIDA* 21(2): 683–692.
- 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. <http://www.mbr-pwrc.usgs.gov/bbs/grass/grass.htm>.
- Schmidt, Kenneth A. and Christopher J. Whelan. 1999. Effects of Exotic *Lonicera* and *Rhamnus* on Songbird Nest Predation. *Conservation Biology*, Volume 13, Number 6, pp. 1502-1506.
- Schroeder, R.L. and Askerooth, K. 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.
- Schwab, D. 2004. Unpublished VDGIF Report.
- Secor, David H. et. al. Dispersal and growth of yearling Atlantic sturgeon, *Acipenser oxyrinchus*, released into Chesapeake Bay. Fishery Bulletin 98(4) 2000 pp 800-810.
- Semlitsch, R. D. (1998). "Biological delineation of terrestrial buffer zones for pond breeding salamanders," *Conservation Biology* 12, 113–119, in Fischer, R. A., and Fischenich, J.C.(2000). "Design recommendations for riparian corridors and vegetated buffer strips," EMRRP Technical Notes Collection (ERDC TN–EMRRP–SR–24), U.S. Army Engineer Research and Development Center, Vicksburg, MS. [www.wes.army.mil/el/emrrp](http://www.wes.army.mil/el/emrrp).
- Semlitsch, R.D. 1998. Biological delineation of terrestrial buffer zones for pond-breeding salamanders. *Conservation Biology*, Vol. 12, No. 5. (Oct. 1998), pp. 1113–1119.
- Shepherd, M., S.L. Buchmann, M. Vaughan, S.H. Black. 2003. Pollinator Conservation Handbook. The Xerces Society. Portland, Oregon. 145 pp.
- Smart, M., G.O. Dick, and R.D. Doyle. 1998. Techniques for Establishing Native Aquatic Plants. *Journal of Aquatic Plant Management*. 36:44–49.
- Solensky, M.J. 2004. Overview of monarch migration. In Oberhauser, K.S., and Solensky, M.J. 2004. *The monarch butterfly: biology and conservation*. Cornell University Press. Ithaca and London. 248 pp.
- Spells, A. 1993. Report on fisheries value in the Rappahannock River, Va. LAPS project. USFWS R5 Realty document, June 18, 1993.

- Spencer, S.C. 1999. Breeding requirements and habitat selection in a remnant population of marsh wren (*Cistothorus palustris*) at Dyke Marsh National Wildlife Preserve. Proceedings of the XXth Symposium for Conservation Biology, Beltsville, MD June X, 1999. (Note—check actual reference)
- Spencer, Sandy. U.S. Fish and Wildlife Service. Wildlife Biologist. Eastern Virginia Rivers National Wildlife Refuge Complex.
- Stafford, K.C. 2004. An integrated guide for homeowners, pest control operators, and public health officials for the prevention of tick-associated disease. Connecticut Agricultural Experiment Station, New Haven, CT.
- Steinkamp M. 2007. Bird Conservation Region 30 plan. Conservation priority categories for bird species in BCR 30. Atlantic Coast Joint Venture ([www.acjv.org](http://www.acjv.org)).
- Stevenson, J. C., J. Rooth, M. S. Kearney and K. Sundberg. 2000. The health and long term stability of natural and restored marshes in Chesapeake Bay. Pages 709–735, in *Concepts and Controversies in Marsh Ecology*, M. Weinstein and D. Kreeger, eds. Dordrecht, Netherlands: Kluwer Press.
- Stevenson, J. C., M.S. Kearney and E. C. Pendleton. 1985. Sedimentation and erosion in a Chesapeake Bay brackish marsh system. *Marine Geology* 67: 212–235.
- Stevenson, J. C., M. S. Kearney and E. W. Koch. 2002. Impacts of sea-level rise on tidal wetlands and shallow water habitats: a case study from Chesapeake Bay. In *Fisheries in a Changing Environment*, N. McGinn, ed. Bethesda, Md.: American Fisheries Society.
- Tallamy, D. 2007. *Bringing Nature Home: How native plants sustain wildlife in our gardens*. Timber Press. Portland, London. 288 pp.
- The Nature Conservancy. 2001. *The Chesapeake Rivers Site Conservation Plan*.
- The Nature Conservancy. 2001. *Tools and Techniques for Use in Natural Areas. Weed Control Methods Handbook*, pp 7j.1 – 7j.5.
- Tiner, R.W., J.Q. Swords, and H.C. Bergquist. 2005. *Recent Wetland Trends in Southeastern Virginia: 1994-2000*. U.S. Fish and Wildlife Service, Northeast Region, Hadley, MA. NWI Wetland Trends Report. 17pp.
- U.S. Army Corps of Engineers. 2002. *Environmental Assessment for Removal of Embrey Dam*.  
<http://www.nao.usace.army.mil/projects/completed/embrey/Docs.htm>.
- U.S. Census Bureau. 2006. *Census 2000 Summary File, American FactFinder*  
<http://factfinder.census.gov>.
- U.S. Climate Change Science Program. 2009: *Coastal Sensitivity to Sea-Level Rise: A Focus on the Mid-Atlantic Region*. A report by the U.S. Climate Change Science Program and the Subcommittee on Global Change Research. [James G. Titus (Coordinating Lead Author), K. Eric Anderson, Donald R. Cahoon, Dean B. Gesch, Stephen K. Gill, Benjamin T. Gutierrez, E. Robert Thieler, and S. Jeffress Williams (Lead Authors)], U.S. Environmental Protection Agency, Washington D.C., USA.

- USDA Forest Service. 1989. Environmental Effects of Prescribed Burning. Technical Publication R8-TP-11. 5pp.
- USDA Forest Service. 2007. Effects of Soil Properties: Review of Proposed Herbicides. Final Environmental Impact Statement, Mt. Hood National Forest, Integrated Weed Management Program, Appendix U. 8pp.
- USDA Forest Service. 2007. Gypsy moth in North America. [www.fs.fed.us/ne/morgantown/4557/gmoth/natenem/virus.html](http://www.fs.fed.us/ne/morgantown/4557/gmoth/natenem/virus.html) (Accessed June 26, 2007).
- U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System. 2002, <http://www.bea.gov/bea/regional/reis/>
- U.S. Department of the Interior. National Park Service. May 2003. Assessment of Air Quality and Related Values in Shenandoah National Park. Technical Report NPS/NERCHAL/NRTR-03/090. Sullivan et al contributors. 1 page.
- U.S. Environmental Protection Agency Office of Policy. 1998. Climate Change and Virginia. (2111) EPA 236-F-98-007bb. September. xxx pp.
- U.S. Fish and Wildlife Service. 1987. Habitat management guidelines for the bald eagle in the southeast region. Third revision. Atlanta, GA.
- U.S. Fish and Wildlife Service, Region 4. 1995. Endangered and Threatened Species of the Southeastern United States (The Red Book). 1/95.
- U.S. Fish and Wildlife Service. 1995. Final Environmental Assessment: Proposal to Establish The Rappahannock River Valley National Wildlife Refuge, Virginia. Hadley, Massachusetts. 90 pp.
- U.S. Fish and Wildlife Service. 1995. Sensitive Joint-Vetch (*Aeschynomene virginica*) Recovery Plan. Hadley Massachusetts. 55 pp.
- U.S. Fish and Wildlife Service. 2002. Birds of conservation concern 2002. Division of Migratory Bird Management, Arlington, Virginia. 99 pp. [Online version available at <http://migratorybirds.fws.gov/reports/bcc2002.pdf>]
- U.S. Fish and Wildlife Service. 2003. The National Strategy for Management of Invasive Species – National Wildlife Refuge System. 69pp.
- U.S. Fish and Wildlife Service. 2003. Final Environmental Assessment, Public Fishing on the Rappahannock River Valley National Wildlife Refuge
- U.S. Fish and Wildlife Service. 2006. Global Warming: Background Information and Talking Points, May 1, 2006. 3 pp.
- U.S. Geological Survey (USGS). 2003. A Summary Report of Sediment Processes in Chesapeake Bay and Watershed. Water-Resources Investigations Report 03-4123. xxx pp.
- U.S. Geological Survey. 2007. Breeding Bird Survey, Patuxent Wildlife Research Center. Website: [www.mbr-pwrc.usgs.gov/cgi-bin/atlas99](http://www.mbr-pwrc.usgs.gov/cgi-bin/atlas99). Accessed August 3, 2006.
- U.S. Geological Survey. Fort Collins Science Center, Policy Analysis and Science Assistance Branch. 2007. Regional Economic Analysis of Current and Proposed

- Management Alternatives for the Rappahannock River Valley National Wildlife Refuge. Report #. Xx pp.
- U.S. North American Bird Conservation Initiative Committee (NABCI). 2000a. North American Bird Conservation Initiative: Bringing it all together. U.S. Fish and Wildlife Service, Arlington, Virginia. <http://www.nabci-us.org/aboutnabci/fwsbroch.pdf>.
- Vickery, P.D. 1996. Grasshopper sparrow (*Ammodramus savannarum*) In The birds of North America, No. 239 Poole and F. Gill, ed. The Academy of Natural Sciences. Philadelphia, PA and the American Ornithological Union, Washington, D.C.
- Vickery, P.D. 1996. Grasshopper sparrow (*Ammodramus savannarum*) In The birds of North America, No. 239, Poole and F. Gill, ed. The Academy of Natural Sciences. Philadelphia, PA. and the American Ornithological Union, Washington, D.C.
- 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 R. Bonney, D.N. Pashley, R. Cooper, and L. Niles, editors. Strategies for bird conservation: The Partners in Flight Planning Process. Cornell Lab of Ornithology. <http://birds.cornell.edu/pifcapemay>.
- Vinson, M. 1998. Effects of recreational activities on declining anuran species in the John Muir Wilderness, CA. Missoula, MT: University of Montana (Thesis). 83 p.
- Virginia Comprehensive Wildlife Conservation Strategy. 2005. [www.vawildlifestrategies.org](http://www.vawildlifestrategies.org) (accessed April 2006).
- Virginia Department of Agriculture and Consumer Services, 2003. Crop Status Report, Volume 11, Issue 1, May 2003.
- Virginia Department of Agriculture and Consumer Services, 2006. 2003-2004 Virginia Agriculture Facts and Figures. <http://vdacs.virginia.gov/agfacts>.
- Virginia Department of Conservation and Recreation (VDCR). 2004. Better Land Use Planning for Coastal Virginia. VDCR, Division of Chesapeake Bay Local Assistance.
- Virginia Department of Conservation and Recreation. 2007. Draft Virginia Outdoors Plan. [http://www.dcr.virginia.gov/recreational\\_planning/vop.html](http://www.dcr.virginia.gov/recreational_planning/vop.html)
- Virginia Department of Education, Prince William Network, and Virginia Council on Indians. 2005. Virginia Indians Today: Rappahannock. Electronic document, [http://virginiaindians.pwnet.org/today/chiefs\\_rappahannock.php](http://virginiaindians.pwnet.org/today/chiefs_rappahannock.php) (accessed July 1, 2008).
- Virginia Department of Environmental Quality (DEQ). 2004. Final Water Quality Assessment Integrated Report 305(b)/303(d). [www.deq.virginia.gov/wqa](http://www.deq.virginia.gov/wqa) (accessed April 2006).
- Virginia Department of Environmental Quality 2005. "Status and Trends in Water Quality and Living Resources in the Virginia Chesapeake Bay: Rappahannock River (1985–2004)" by D.M. Dauer, H.G. Marshall, J.R. Donat, M.F. Lane, P.L.

- Morton, S.C., Doughten, F.A., Hoffman. Chesapeake Bay Program, Virginia Department of Environmental Quality. March 2005.
- Virginia Department of Forestry, 2006. [www.dof.virginia.gov/resinfo/forest-facts.shtml](http://www.dof.virginia.gov/resinfo/forest-facts.shtml)
- Virginia Department of Game and Inland Fisheries. 2008. Northern Bobwhite Quail Action Plan for Virginia. Draft Plan, July 2008. <http://www.dgif.virginia.gov/wildlife/quail/action-plan/draft-quail-action-plan.pdf>
- Virginia Department of Game and Inland Fisheries. 2005. Virginia's Comprehensive Wildlife Conservation Strategy. Virginia Department of Game and Inland Fisheries, Richmond, Virginia.
- Virginia Farm Bureau Federation, 2006. Richmond, Essex, Westmoreland, King George, Caroline County pages. [www.vafb.com](http://www.vafb.com)
- Virginia Institute of Marine Science. 1970. Completion Report Embodying Annual Progress Report, Anadromous Fish Project. Project No: Virginia AFC-1; 3 March 1967-30 September 1970.
- Virginia Institute of Marine Science. 2005. Annual Submerged Aquatic Vegetation Survey. [www.vims.edu/bio/sav/2005obs.html](http://www.vims.edu/bio/sav/2005obs.html) (accessed April 2006).
- Virginia's Middle Peninsula. 2006. [www.middlepeninsula.com](http://www.middlepeninsula.com)
- Virginia Tourism Corporation, 2005. Press Release: Governor Warner Announces Tourism Increase Results In 35.9 Million Visits And \$15.3 Billion For Virginia's Economy. <http://www.vatc.org/pr/prnews/04econmicimpact.htm>
- Ware, J. 2007. Virginia Commonwealth University. Unpublished data and personal communications. August 2007. Discussion on snake lesion study.
- Warner, C. W. H. 1971. The Establishment of Tappahannock in Essex County Historical Bulletin No. 1, November 1971. Tappahannock, Virginia.
- Warsaw and Richmond County Chamber of Commerce, 2006. [www.warsaw-rcchamber.com](http://www.warsaw-rcchamber.com)
- Watts, B.D., Bradshaw, D.S. and Bradshaw, J.G. 1992. The influence of marsh size on marsh value for bird communities of the lower Chesapeake Bay. Virginia Department of Game and Inland Fisheries, Nongame and Endangered Wildlife Program, Technical Report No. 1.
- 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. 62 pp.
- Watts, B.D. 1999. Partners in Flight Mid-Atlantic Coastal Plain Bird Conservation Plan (Physiographic Area #44). Center for Conservation Biology. College of William and Mary. Williamsburg, VA 81 pp.
- 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. 23 pp.

- Watts, B. D. and M. A. Byrd. 2003. Virginia bald eagle nest and productivity survey: Year 2003 report. Center for Conservation Biology Technical Report Series, CCBTR-03-03. College of William and Mary, Williamsburg, VA. 26 pp.
- Watts, B. D. and M. A. Byrd. 2005. Virginia bald eagle nest and productivity survey: Year 2005 report. Center for Conservation Biology Technical Report Series, CCBTR-05-05. College of William and Mary, Williamsburg, VA. 27 pp.
- Watts, B.D. and Parsons Transportation Group Inc. of Virginia. 2006. Biological Assessment for bald eagle, Route 624 bridge replacement, Cat Point Creek. Virginia Department of Transportation, Richmond, VA. 35 pp.
- Watts, B.D., xx Mitchell. 2007.
- Watts, B.D., G. D. Therres, and M. A. Byrd. In press. Status, distribution, and the future bald eagles in the Chesapeake Bay Area. Center for Conservation Biology, College of William and Mary, Williamsburg, and Maryland Department of Natural Resources, Wildlife and Heritage Service, Annapolis, MD.
- Weaver, Alan. 2003. Va Department of Game and Inland Fisheries Fish Passage Coordinator. in Historic Shad Stocking in the Rappahannock River. People, Land, and Water, Department of the Interior
- Westmoreland County, 2006. Webpage for Westmoreland County, Virginia. <http://co.westmoreland.va.us>.
- White, C.P. 1989. Chesapeake Bay Field Guide: Nature of the Estuary. Tidewater Publishers. Centreville, MD. 224 pp.
- Williams, B.K., R.C. Szaro, C.D. Shapiro. 2007 Adaptive Management: The U.S. Department of the Interior Technical Guide. Adaptive Management Working Group. U.S. Department of the Interior. Washington DC.
- Williams, J.P., Jr. 1993. Chesapeake Almanac. Tidewater Publishers. Centerville, Md. 236 pp.
- Wilson, E.O. 1992. The Diversity of Life. Harvard University Press. New York. 424 pp.
- Wilson, I. T. and T. Tuberville. 2003. Virginia's Precious Heritage: A Report on the Status of Virginia's Natural Communities, Plants, and Animals, and a Plan for Preserving Virginia's Natural Heritage Resources. Natural Heritage Technical Report 03-15. Virginia Department of Conservation and Recreation, Division of Natural Heritage, 217 Governor Street, 3rd Floor, Richmond, VA. 82 pp plus appendices.
- Wise, S. and B.W. Buchanan. 2002. The influence of artificial illumination on the noc Impact of artificial lighting on moths. *In* Proceedings of the Urban Wildlands Group, Ecological consequences of artificial night lighting, February 23-24, 2002. Los Angeles, CA. Catherine Rich & Travis Longcore, Conference Co-Chairs.
- Essex County, 2006. [www.essex-virginia.org](http://www.essex-virginia.org).
- WSSA. 1994. Herbicide handbook. Weed Society of America. Champaign, Illinois. 352 pp.