


# Bibliography

- Adams, L. 2005. Deer exclusion grates for urban deer and white-tailed deer capture methods. *Urban Wildlife Manager* 10(3):3-4. Urban Wildlife Resources, Columbia, MD.
- Adams, L. 2006. Counting suburban deer. *Urban Wildlife Manager* 11(4):2. Urban Wildlife Resources, Columbia, MD.
- Adams, L. 2003. Deer ecology in suburban Chicago. *The Urban Open Space Manager* 8(2):1. Urban Wildlife Resources, Columbia, MD.
- Ahmad, I. and S.J. Wainwright. 1976. Ecotype differences in leaf surface properties of *Agrostis stolonifera* from salt-marsh, spray zone and inland habitats. *New Phytologist* 76(2): 361-366.
- Allen, P.S. and S.E. Meyer 1998. Ecological aspects of seed dormancy loss. *Seed Science Research* 8(2): 183-191.
- Anderson, R.C., J.S. Fralish, and J.M. Baskin (eds). 1999. *Savannas, Barrens and Rock Outcrop Plant Communities of North America*. Cambridge University Press, New York, NY.
- APHIS. 2011. Report: Development of Injectable and Oral Contraceptive Technologies and Their Assessment for Wildlife Population and Disease Management. [http://www.aphis.usda.gov/wildlife\\_damage/nwrc/research/reproductive\\_control/gonacon.shtml](http://www.aphis.usda.gov/wildlife_damage/nwrc/research/reproductive_control/gonacon.shtml)
- Bates, S., D. Dawson, and A. Royle. 2005. *Vegetation Characteristics and Breeding Bird Densities at Catoctin Mountain Park and the Frederick City Watershed*. National Park Service, National Capital Region, Center for Urban Ecology. Washington, DC. 26pp.
- Bewick, T. 2007. White Paper: Implementing Research, Education and Extension for Specialty Crops. USDA-CSREES. 18 pp. [http://www.csrees.usda.gov/about/white\\_papers/pdfs/specialty\\_crops.pdf](http://www.csrees.usda.gov/about/white_papers/pdfs/specialty_crops.pdf)
- Booth, D. T. and T. A. Jones. 2001. Plants for ecological restoration. *Native Plants Journal* 2(1):12-20.
- Borgmann, K.L. and A.D. Rodewald. 2004. Nest predation in an urbanizing landscape: the role of exotic shrubs. *Ecological Applications* 14(6):1757-1765.
- Brown, M.L., J.L. Reveal, C.R. Broome, and G.F. Frick. 1987. Comments on the vegetation of colonial Maryland. *Huntia* 7:247-283.
- Brush, G.S. 1994. History and impact of humans on Chesapeake Bay. Pp 125-145 in R. D. Simpson and N. L. Christensen Jr. (eds.), *Ecosystem Function and Human Activities: Reconciling Economics and Ecology*. Chapman and Hall, New York, NY.
- Brush, G.S. 2001. Forests before and after the colonial encounter. Pp. 40-59 in P.D. Curtin, Brush, G.S., and G.W. Fisher (eds.), *Discovering the Chesapeake: The History of an Ecosystem*. Johns Hopkins University Press, Baltimore, MD.
- Burghardt, K., D. Tallamy, and G. Shriver. 2009. Impact of native plants on bird and butterfly biodiversity in suburban landscapes. *Conservation Biology* 23:219-224.

- Curry, D.C. 1992. Burial of late archaic Coastal Plain sites as a result of Aeolian deposition. *Maryland Archaeology* 28: 17-26.
- deCalestra, D. S. and S.L. Stout. 1997. Relative deer density and sustainability: a conceptual framework for integrating deer management with ecosystem management. *Wildlife Society Bulletin* 25:252-258.
- Decker, D. J. and D.B. Ralk. 2004. *Community-Based Deer Management*. Human Dimensions Research Unit, Cornell University, Ithaca, NY.
- Donohue, K., D.R. Foster, and G. Motzkin. 2000. Effects of the past and the present in species distribution: land-use history and demography of wintergreen. *Journal of Ecology* 88:303-316.
- 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.
- EDDMapS (Early Detection & Distribution Mapping System) 2013  
[http://www.eddmaps.org/tools/statereport.cfm?id=us\\_md](http://www.eddmaps.org/tools/statereport.cfm?id=us_md)
- Engelhardt, K. 2004. *A Vascular Plant Inventory for Three Parks of the National Capitol Network*. Final Report to the National Park Service, National Capitol Region, Washington DC.
- Erickson, B. and N. E. Navarrete-Tindall. 2004. Missouri Native Ecotype Program: increasing local-source native seed. *Natural Areas Journal* 24(1): 15-22.
- Eschtruth, E.C. and J.J. Battles. 2008. Acceleration of exotic plant invasion in a forested ecosystem by a generalist herbivore. *Conservation Biology* 23:388–399.
- Executive Order 13122, Feb. 3, 1999.  
<http://www.invasivespeciesinfo.gov/laws/execorder.shtml#sec1>
- Eyler, B. 2013. *Deer Management in Maryland-Overview*. Maryland Department of Natural Resources. Annapolis, MD. PowerPoint presentation, 36 slides.
- Eyler, B. and G. Timko. 2013. *2012-2013 Maryland Annual Deer Report*. DNR Publication no. 03-7172013-659. Maryland Department of Natural Resources, Wildlife and Heritage Service, Annapolis, MD. 24pp.
- Fahrig, L. 2002. Effect of habitat fragmentation on the extinction threshold: a synthesis. *Ecological Applications* 12:346-353.
- Fahrig, L. 2003. Effects of habitat fragmentation on biodiversity. *Annual Review of Ecology and Systematics* 34:487-515.
- Falk, D. A., E. E. Knapp, and E. O. Guerrant. 2001. *An Introduction to Restoration Genetics*. Society for Ecological Restoration.
- Farragut, P. 2009. Managed hunting as a solution to deer over-abundance in Howard County, Maryland. *Parks & Recreation* 44(11):11-14.
- Feest 1978. See MSA SC 2221-17-1.

- Fernald, M. L. 1950. Gray's Manual of Botany. Ed. 8. American Book Co., New York, NY.
- Frankham, R. 1996. Relationship of genetic variation to population size in wildlife. *Conservation Biology* 10:1500-1508.
- Frost, CC. 1996. Presettlement fire frequency regimes of the United States: A first approximation. *Tall Timbers Fire Ecology Conference Proceedings* 20:70-81.
- Frye, J. A. 2012. The effect of deer browse on sundial lupine: implications for frosted elfins. *Northeastern Naturalist* 19(3):421-430.
- Fulton, C. (ed.). 2013. Wavy-leaf basket grass – How big a threat? *Marilandica* 4(2):2-3.
- Gilgenast et al. 2009. A Study of the Deer Population of Baltimore County, Interim Report.
- Godt, M.J.W., J.L. Hamrick, and S. Bratton. 1995. Genetic diversity in a threatened wetland species, *Helonias bullata* (Liliaceae). *Conservation Biology* 9:596-604.
- Hamrick, J.L. and M.J.W. Godt. 1996. Conservation genetics of endemic plant species. Pp. 281-305 in J.L. Hamrick and J.C. Avise (eds.), *Conservation Genetics: Case Histories from Nature*. Chapman and Hall, New York.
- Hanski, I. and O. Ovaskainen. 2002. Extinction debt at extinction threshold. *Conservation Biology* 16:666-673.
- Hatfield, J. S. and C.C. Krafft. 2009. Analysis of Vegetation Changes in Rock Creek Park, 1991-2007. Natural Resource Report NPS/NCR/NCRO/NRTR-2009/001. U.S. Department of the Interior, National Park Service, National Capital Region Office, Center for Urban Ecology, Washington, D.C. 14pp.
- Horsley, S. B., Stout, S. L., deCalestra, D. S. 2003. White-tailed deer impact on the vegetation dynamics of a northern hardwood forest. *Ecological Applications* 13(1):98-118.
- Houseal, G.A. and D.D. Smith. 2000. Source identified seed: the Iowa roadside experience. *Ecological Restoration* 18(3):173-183.
- Hufford, K. M. and S. J. Mazer. 2003. Plant ecotypes: genetic differentiation in the age of ecological restoration. *Trends in Ecology & Evolution* 18(3): 147-155.
- Jacquemyn, H., C. Van Mechelen, R. Brys, and O. Honnay. 2011. Management effects on the vegetation and soil seed bank of calcareous grasslands: an 11 year experiment. *Biological Conservation* 144:416-422.
- Johnston, C.A. 2006. Implications of land-use change on food resource availability for birds. Paper for Hampshire College, Amherst, MA.
- Kalisz, S., T. Knight, T., and L. Smith. 2003. Recipe of invasive spread: Venison with garlic mustard. *Invasive Plants in Natural and Managed Systems: Linking Science and Management*. 7th International Conference on the Ecology and Management of Alien Plant Invasions; 3-7 November 2003. Ft. Lauderdale, FL. <http://abstracts.co.allenpress.com/pweb/esawssa2003/document/?ID=29496>.
- Karfft, C. C. and J.S. Hatfield. 2001. Impacts of Deer Herbivory on Vegetation in Rock Creek Park, 2001-2009. Natural Resource Report NPS/NCR/NCRO/NRTR-2011/001. U. S. Department of the Interior, National Park Service, National Capital Region Office, Center for Urban Ecology, Washington, D. C. 31pp.

- Kays, J. 2008. Landowner Liability and Recreational Access. Maryland Cooperative Extension Bulletin 357.
- Kays, J. and G. Timko. 2011. Lethal and Non-lethal Deer Management Options. Suburban Deer Management: Options and Choices for Decision-Makers. Suburban Deer Conference. Gambrills, MD. PowerPoint, 57 pp.
- Kays, J., L. Bittenbender, and D. Johnson. (Editors). 2004. Is Natural Regeneration of Forests Threatened? Branching Out Vol. 12 no. 1. Maryland Cooperative Extension, Keedysville, MD. 2pp.
- Kays, J., V.M. Shultz, and D. Johnson, D (Editors). 2001. Seeing the Forest Through the Deer. Branching Out Vol. 9 no. 2. Maryland Cooperative Extension. Keedysville, MD. 2 pp.
- Keener, C.S. 1983. Distribution and biohistory of the endemic flora of the mid-Appalachian shale barrens. *Botanical Review* 49(1): 65-115.
- Knapp, W.M., R.F.C. Naczi, W.D. Longbottom, C.A. Davis, W.A. McAvoy, C.T. Frye, J.W. Harrison, and P. Stango III. 2011. Floristic discoveries in Delaware, Maryland, and Virginia. *Phytoneuron* 2011-64:1-26.
- Kramer, A.T., B. Zorn-Arnold, and K. Havens. 2010. Assessing botanical capacity to address grand challenges in the United States. 64 pp. plus appendices. Available at [www.bgci.org/usa/bcap](http://www.bgci.org/usa/bcap)
- Lande, R. 1987. Extinction thresholds in demographic models of territorial populations. *American Naturalist* 130:624-635.
- Lande, R. 1988. Genetics and demography in biological conservation. *Science* 241:1455-1460.
- Levins, R. 1969. Some demographic and genetic consequences of environmental heterogeneity for biological control. *Bulletin Entomological Society of America* 15:237-240.
- Lubchenco, J. and L. A. Real. 1992. Experimental manipulations in lab and field systems. P. 905 in L. A. Real and J. H. Brown (eds.), *Foundations of Ecology*. The University of Chicago Press, Chicago, IL.
- Marye, W. B. 1955. The great Maryland barrens. *Maryland Historical Magazine* 50: 11-23.
- Maryland Department of the Environment. 2000 and 2009. 2000 Maryland Stormwater Design Manual Volumes I and II. Maryland Department of the Environment, Baltimore, MD.
- Maryland Department of the Environment. 2011. 2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control. Maryland Department of the Environment, Baltimore, MD.
- Maryland Department of Natural Resources. 2005. Maryland Wildlife Diversity Conservation Plan. Maryland Department of Natural Resources Wildlife and Heritage Service, Annapolis, MD.
- Maryland Department of Planning. 2011. PlanMaryland: A sustainable growth plan for the 21st Century. Maryland Department of Planning, Baltimore, Maryland.
- Maryland State Highway Administration. 2008. Landscape Design Guide. Maryland State Highway Administration, Baltimore, MD.

- McAvoy, W.A. and P. Bowman. 2002. The flora of coastal plain pond herbaceous communities on the Delmarva Peninsula. *Bartonia* 61: 81-91.
- McAvoy, W. A. and J. W. Harrison. 2012. Plant community classification and the flora of Native American shell-middens on the Delmarva Peninsula. *The Maryland Naturalist* 52(1): 1-34.
- McShea, W., N. Bourg, D. Rowan, and S. Serchan. 2010. The Assessment of Impacts of White-tailed Deer Foraging on Woodlots in the Manassas National Battlefield Park. Smithsonian Conservation Biology Institute at the National Zoo, Front Royal, VA. 13pp.
- Morse, D., J. Borden, and C. Williams. As Deer Encroach on Washington Suburbs, Attitudes about Kills Shift. *Washington Post*, November 13, 2013.
- MSA SC 2221-17-1 - Map of *Land the Settlers Found, Early 17th Century* from David Hawke, *The Colonial Experience*, 1966, with a "Key to Tribal Territories," a map of Tribes and villages, 1608, based upon Captain John Smith's map, with additions from the John White map of 1585/6, tribes and villages, 1620-1837, and population estimates for Chesapeake Bay tribes in the 17th Century taken from "Nanticoke and Neighboring Tribes" by Christian F. Feest in the *Handbook of North American Indians*, Volume 15, *Northeast*, 1978, pp. ix, 241.
- MSA SC 2221-17-5 - "A Brief Relation of the Voyage unto Maryland" by Father Andrew White, 1634 in C.C. Hall (ed.), *Narratives of Early Maryland 1633-1684* (1910). Charles Scribner & Sons, New York, NY.
- Myers, J., M. Vellend, S. Gardescu, and P.L. Marks. 2004. Seed dispersal by white-tailed deer: implications for long-distance dispersal, invasion, and migration of plants in eastern North America. *Oecologia* 139(1):35-44.
- NatureServe. 2013. NatureServe Explorer: An online encyclopedia of life [web application]. Version 7.1. NatureServe, Arlington, Virginia. Available <http://www.natureserve.org/explorer>. (Accessed:  November 5, 2013).
- Norman, P. C. 2013. Howard County Department of Recreation and Parks Deer Management Program, Executive Summary 2012-2013. Howard County Department of Recreation and Parks, Ellicott City, MD. 8pp.
- Northeast Deer Technical Committee (multiple contributing authors). 2009. An Evaluation of Deer Management Options. CT Department of Environmental Protection, Wildlife Bureau, Harford, CT. 27pp.
- Oregon Department of Forestry.  
<http://www.oregon.gov/ODF/privateforests/pages/seedzonemaps.aspx>
- Pennsylvania Natural Heritage Program, Plant Species of Special Concern.  
<http://www.naturalheritage.state.pa.us/Species.aspx>
- Pettingill, J.B. and M.C. Neel. 2008. Phylogenetic patterns and conservation among North American members of the genus *Agalinis* (Orobanchaceae). *BMC Evolutionary Biology* 8: 264 doi:10.1186/1471-2148-8-264.
- Pimentel, D., R. Zuniga, and D. Morrison. 2005. Update on the environmental and economic costs associated with alien-invasive species in the United States. *Ecological Economics* 52:273-288.

- Porter III, F. W. 1975. From backcountry to county: the delayed settlement of western Maryland. *Maryland Historical Magazine* 70: 329-349.
- Porter III, F. W.. 1979. The Maryland frontier, 1722-1732: prelude to settlement in western Maryland. Pp. 90-107 in R.D. Mitchell and E.K. Muller (eds.), *Geographical Perspectives on Maryland's Past*. University of Maryland-College Park, Department of Geography, occasional paper no. 4. College Park, MD.
- Purcell, A., T. Weldy, and M. White. 2013. Deer Over-abundance and Ecosystem degradation: A Call to Action. *Science Chronicles*, August 2013. The Nature Conservancy, Arlington, VA. 7pp.
- Rawinski, T. J. 2008. Impacts of White-tailed Deer Overabundance in Forest Ecosystems: An Overview. United States Forest Service, Newtown Square, PA. 8 pp. [http://www.na.fs.fed.us/fhp/special\\_interests/white\\_tailed\\_deer.pdf](http://www.na.fs.fed.us/fhp/special_interests/white_tailed_deer.pdf)
- Roberts, D.J. and R.C. Anderson. 2001. Effect of garlic mustard [*Alliaria petiolata* (Beib. Cavara & Grande)] extracts on plants and arbuscular mycorrhizal (AM) fungi. *American Midland Naturalist* 146(1):146-152.
- Sambatti, J. B. M. and K. J. Rice. 2006. Local adaptation, patterns of selection, and gene flow in the Californian serpentine sunflower (*Helianthus exilis*). *Evolution* 60(4): 696-710.
- Schemske, D.W., D.H. Husband, M.H. Ruckelshaus, C. Goodwillie, I.M. Parker, and J.G. Bishop. 1994. Evaluating approaches to the conservation of rare and endangered plants. *Ecology* 75(3): 584-606.
- Schrader, J.A. and W.R. Graves. 2004. Systematics of *Alnus maritima* (Seaside Alder) resolved by ISSR polymorphisms and morphological characters. *Journal of the American Society of Horticultural Sciences* 129(2): 231-236.
- Society for Ecological Restoration International Science and Policy Working Group. 2004. The SER international primer on ecological restoration. Society for Ecological Restoration International, Tuscon, AZ.
- Stein, B.A. and K. Gravuer. 2008. Hidden in Plain Sight: The Role of Plants in State Wildlife Action Plans. NatureServe, Arlington, VA.
- Sterba, J. 2013. If only hunters could sell venison (essay). *Wall Street Journal*, October 18, 2013. Dow Jones & Company. 3pp.
- Suarez, A.V. and N.D. Tsutsui. 2004. The value of museum collections for research and society. *Bioscience* 54(1): 66-74.
- Tallamy, D. W. 2009. *Bringing Nature Home*, 2d Ed. Timber Press,, Portland, OR.
- Tilman, D., R.M. May, C.L. Lehman, and M.A. Nowak. 1994. Habitat destruction and the extinction debt. *Nature* 371:65-66.
- Tyndall, R. W. 2005. Twelve years of herbaceous vegetation change in oak savanna habitat on a Maryland serpentine barren after Virginia pine removal. *Castanea* 70(4):287-297.
- United States Census Bureau. Census 2010. <http://www.census.gov/2010census/>.

- United States Department of Agriculture and United States Department of the Interior 2002. Interagency program to supply and manage native plant materials for restoration and rehabilitation on Federal lands.
- Virginia Department of Conservation and Recreation, Natural Heritage Resources of Virginia: Plants. [http://www.dcr.virginia.gov/natural\\_heritage/infoservices.shtml#lists](http://www.dcr.virginia.gov/natural_heritage/infoservices.shtml#lists)
- Waller, D. M. and W.S. Alverson. 1997. The white-tailed deer: a keystone herbivore. *Wildlife Society Bulletin* 25(2):217-226.
- Warren, R. J. (ed.). 1997. The challenge of deer over-abundance in the 21<sup>st</sup> century. *Wildlife Society Bulletin* 25(2):213-214.
- Weakley, A.S. 2010. Flora of the Southern and Mid-Atlantic States. Working Draft: 19 February.
- Weber, T. 2003. Maryland's Green Infrastructure Assessment: A Comprehensive Strategy for Land Conservation and Restoration. Maryland Department of Natural Resources, Watershed Services Unit, Annapolis, Maryland.
- Weber, T. 2004. Risk of Forest Loss in Maryland's Green Infrastructure, Based on 1997-2000 Patterns of Development. Maryland Department of Natural Resources, Watershed Services Unit, Annapolis, Maryland.
- Wildlife and Heritage Service. 2009. Maryland White-tailed Deer Plan 2009-2018. DNR Publication no. 03-852009-407. Maryland Department of Natural Resources, Annapolis, MD. 79pp.
- Williams, S. C. and J.S. Ward. 2006. Exotic seed dispersal by white-tailed deer in southern Connecticut. *Natural Areas Journal* 26 (4):383-390.
- Williams, S.C., J.S. Ward, T.E. Worthley, and K.C. Stafford. 2009. Managing Japanese barberry (Ranunculales: Berberidaceae) infestations reduces blacklegged tick (Acari: Ixodidae) abundance and infection prevalence with *Borrelia burgdorferi* (Spriochaetales: Spriochaetaceae). *Environmental Entomologist* 38(4):977-984.
- Zohrabian, A., E.B. Hayes, and L.R. Petersen. 2006. Cost-effectiveness of West Nile Virus vaccination. *Emerging Infectious Diseases* 12(3):375-380.