

3.0 References Cited

- Aber, J.D., C.L. Goodale, S.V. Ollinger, M.L. Smith, A.H. Magill, M.E. Martin, R.A. Hallett, J.L. Stoddard. 2003. Is nitrogen deposition altering the nitrogen status of Northeastern forests. *Bioscience* 53.
- Albert, D.A. 2001. Natural community abstract for Great Lakes marsh. Michigan Natural Features Inventory, Lansing, MI, 11p. <http://web4.msue.msu.edu/mnfi/abstracts/ecology/Great_lakes_marsh.pdf>.
- APIPP 2007. Terrestrial Invasive Plant Project. Adirondack Park Invasive Plant Program. March 22, 2007 <<http://www.adkinvasives.com/Index.html>>.
- Aubry, K.B., L.L.C. Jones, and P.A. Hall. 1988. Use of woody debris by plethodontid salamanders in Douglas-fir forests in Washington. In Management of amphibians, reptiles and small mammals in North America: proceedings of the symposium. *Technical coordination by Szaro, R.C., Severson, K.E., and Patton, D.R.* USDA Forest Service General Technical Report RM-166. p. 32-37.
- Bader, P., S. Jansson, and B.G. Jonsson. 1995. Wood-inhabiting fungi and substratum decline in selectively logged boreal spruce forests. *Biological Conservation* 72: 355-362.
- Baird, A.R.T and D.G. Wetmore. 2006. Riparian Buffers Modifications and Mitigation Guidance Manual. Virginia Dept. of Conservation and Recreation, Chesapeake Bay Local Assistance. Richmond, VA. <<http://www.cblad.state.va.us/ripbuffstat.cfm>>.
- Bedford, B.L. and K.S. Godwin. 2003. Fens of the United States: distribution, characteristics and scientific connection versus legal isolation. *Wetlands* 23(3):608-629.
- Bierzuchudek, P. 1982. Life histories and demography of shade-tolerant temperate forest herbs: a review. *New Phytologist* 90:757-776.
- Bode, R.W., M.A. Novak and L.E. Abele. 1996. Quality assurance work plan for biological stream monitoring in New York State. NYS DEC Technical Report, 89 pp.
- Bode, R.W., M.A. Novak and L.E. Abele. 1997. Salmon River Biological Assessment. NYS DEC, Bureau of Watershed Assessment and Research, Division of Water, Albany, New York.
- Brocke, R.H. and J.P. Zarnetske. 1974. "Wild animals and fish." *Pages 158-232 In: Resources of the Tug Hill Region*. Prepared for The Temporary Commission on Tug Hill by the State University of New York College of Environmental Science and Forestry, Syracuse, New York.
- Chambers, R.E. 1983. Integrating Timber and Wildlife Management. State University of New York College of Environmental Science and Forestry. Syracuse, New York.
- Churchill, J.C. 1895. Landmarks of Oswego County, New York. Part I. 844. p. Syracuse, New York.
- Conner, P.F. 1966. The Mammals of the Tug Hill Plateau, New York. New York Museum and Science Service, State University of New York, Bulletin No. 406. Albany, New York.
- Cornell Lab of Ornithology. 2007. All About Birds. 11 April 2007. <http://www.birds.cornell.edu/AllAboutBirds/BirdGuide/Pied-billed_Grebe_dtl.html>.

- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of Wetlands and Deepwater Habitats of the United States. Office of Biological Services, Fish and Wildlife Service, U.S. Dept. of Interior, Washington, D.C.
- Coughlin, S.M., Jr. 2004. Atlantic salmon restoration in the southern Lake Ontario watershed: evaluating anthropogenic, bioenergetic and competitive constraints. PhD Dissertation, State University of New York, College of Environmental Science and Forestry, Syracuse, NY, USA.
- DeGraaf, R.M., M. Yamasaki, W.B. Leak and J.W. Lanier. 1992. New England wildlife: management of forested habitats. USDA Forest Service General Technical Report NE-144. Radnor, PA, USA. 271 p.
- Drake, S., J.F. Weltzin and P.D. Parr. 2003. Assessment of non-native invasive plant species on the United State Department of Energy Oak Ridge National Environmental Research Park. *Castanea* 68:15-30.
- Drexler, J.Z. and B.L. Bedford. 2002. Pathways of nutrient loading and impacts on plant diversity in a New York peatland. *Wetlands* 22(2):263-281.
- Driscoll, C.T., K.M. Driscoll, M.J. Mitchell and D.J. Raynal. 2003. Effects of acidic deposition on forest and aquatic ecosystems in New York State. *Environmental Pollution* 123:327-336.
- Driscoll, D.T., D. Whitall, J. Aber, E. Boyer, M. Castro, C. Cronan, C. L. Goodale, P. Groffman, C. Hopkinson, K. Lambert, G. Lawrence and S. Ollinger. 2003. Nitrogen pollution in the northeastern United States: sources, effects, and management options. *BioScience* 53(4):357-374.
- Driscoll, C.T. Y-J Han, C.Y. Chen, D.C. Evers, K.F. Lambert, T.M. Holsen, N.C. Kamman and R.K. Munson. 2007. Mercury contamination in forest and freshwater ecosystems in the Northeastern United States. *BioScience* 57:17-28.
- Dru Associates, Inc. 2001. Salmon River Greenway Corridor Bio-Inventory: Final Report. Dru Assoc., Glen Cove, New York.
- Edinger, G.J., D.J. Evans, S. Gebauer, T.G. Howard, D.M. Hunt and A.M. Olivero (*Editors*). 2002. Ecological Communities of New York State. 2nd Edition. A revised and expanded edition of Carol Reschke's Ecological Communities of New York State. (Draft for review). New York Natural Heritage Program, New York State Department of Environmental Conservation, Albany, New York. 9 February 2007 <http://www.dec.state.ny.us/website/dfwmr/heritage/draft_ecny2002.htm >.
- Eschner, A., J. Osinski, D. Howe and S. Schupe. 1974. "Water Resources." *Pages 86-119 In: Resources of the Tug Hill Region*. Prepared for The Temporary Commission on Tug Hill by the State University of New York College of Environmental Science and Forestry, Syracuse, New York.
- Evers, D.C. and M. Duron. 2006. Developing an exposure profile for mercury in breeding birds of New York and Pennsylvania, 2005. Report BRI 2006-11 submitted to The Nature Conservancy. BioDiversity Research Institute, Gorham, ME.
- Fenn, M.E., M.A. Poth, J.D. Aber, J.S. Baron, B.T. Bormann, D.W. Johnson, A.D. Lemly, S.G. McNulty, D.F. Ryan and R. Stottlemeyer. 1998. Nitrogen excess in North American ecosystems: predisposing factors, ecosystem responses and management strategies. *Ecological Applications* 8:706-733.
- Flebbe, P. and A. Dolloff. 1995. Trout use of woody debris and habitat in Appalachian Wilderness streams of North Carolina. *North American Journal of Fisheries Management* 15: 579-590
- Fleming, C. 2002. Landscape-level conservation initiatives in the northern forest. The Wilderness Society. 16 March 2007. <<http://www.northernforestalliance.org/newspubs/pdfs/LandscapeCons.pdf>>.

- Forester, D. 2007. Salmon River Watershed Assessment, Workshop I: Natural Resource Targets. Prepared for The New York State Tug Hill Commission, Watertown, New York, 17 pp.
- Frelich, L.E. and C.G. Lorimer. 1991a. Natural disturbance regimes in hemlock-hardwood forests of the Upper Great Lakes Region. *Ecological Monographs* 61:145-164.
- Frelich, L.E. and C.G. Lorimer. 1991b. A simulation of landscape-level stand dynamics in the northern hardwood region. *Journal of Ecology* 79:223-233.
- Geiss, J.W., L.M. Cutler and J.W. Mundy. 1974. "Vegetation and Land Use." Pages 122-155 In: Resources of the Tug Hill Region. Prepared for The Temporary Commission on Tug Hill by the State University of New York College of Environmental Science and Forestry, Syracuse, New York.
- Gibbs, J.P. and W.G. Shriver. 2005. Can road mortality limit populations of pool-breeding amphibians? *Wetland Ecology and Management* 13(3):281-289.
- Grayson, T.H. et al. 2002. Host responses to *Renibacterium salmoninarum* and specific components of the pathogen reveal the mechanisms of immune suppression and activation. *Immunology* 106: 273-283.
- Great Lakes Information Network. 2006. Invasive species in the Great Lakes Region. <<http://www.great-lakes.net/envt/flora-fauna/invasive/invasive.html>>.
- Hamilton County Soil & Water Conservation District. 2005. The state of Hamilton County lakes: a statistical analysis of water quality trends 1993-2003. Hamilton County Soil and Water Conservation District, Lake Pleasant, New York.
- Hansen, A.J., T.A. Spies, F.J. Swanson, and J.L. Ohmann. 1991. Conserving biodiversity in managed forests: lessons from natural forests. *BioScience* 41:382-392.
- Hanula, J.L. 1996. Relationship of wood-feeding insects and coarse woody debris. In: Biodiversity and coarse woody debris in southern forests. Proceedings of the workshop on coarse woody debris in southern forests: effects on biodiversity. Edited by: McMinn, J.W. and D.A. Crossley, Jr. USDA Forest Service General Technical Report SE-94. Asheville, NC. p. 55-81.
- Hayes, J.P. and S.P. Cross. 1987. Characteristics of logs used by western red-backed voles, Clethrionomys californicus, and deer mice, Peromyscus maniculatus. *Canadian Field Naturalist* 101:543-546.
- Harman, W.N., M.F. Albright, P.H. Lord and D. King. 2000. The nuisance aquatic macrophytes of Oswego County. Management plant facilitation: 1998-9 update on the distributions of plants in 15 selected aquatic environments. SUNY-Oneonta Biological Field Station BFS Technical Report #7. Cooperstown, New York.
- Harmon, M.E., J.F. Franklin, F.J. Swanson, P. Sollins, S.V. Gregory, J.D. Lattin, N.H. Anderson, S.P. Cline, N.J. Aumen, J.R. Sedell, G.W. Lienkaemper, K. Cromack, Jr., and K.W. Cummins. 1986. Ecology of coarse woody debris in temperate ecosystems. In *Advances in Ecological Research*, Vol. 15. Edited by MacFadyen, A. and Ford, E.D. Academic Press. New York, NY, USA. p. 133-276.
- Hels T and Buchwald E. 2001. The effect of road kills on amphibian populations. *Biological Conservation* 99(3): 331-340.
- Hotchkiss, N. 1932. A botanical survey of the Tug Hill Plateau. New York State Museum Bulletin No. 287. The University of the State of New York, Albany, New York.
- Houston, D.R., 1994. Major now tree disease epidemics: beech bark disease. *Annual Review of Phytopathology*. 32:75-87.

- Howard, T.G. 2006. Salmon River Watershed Inventory and Landscape Analysis. Prepared for the New York State Tug Hill Commission. The New York Natural Heritage Program, New York State Department of Environmental Conservation, Albany, New York.
- Hunt, D.M., G.J. Edinger, A. L. Feldmann, J.J. Schmid and C.N. Voight. 2005. Tug Hill: Stream System Inventory & Watershed Integrity Analysis. NY Natural Heritage Program, Albany, New York.
- Hurd, T., K. Gokkaya, B.D. Kiernan and D.J. Raynal. 2005. Nitrogen sources in Adirondack wetlands dominated by nitrogen-fixing shrubs. *Wetlands* 25(1):192-199.
- Illinois Groundwater Consortium. 1995. Artificial wetlands are working to reduce nitrogen pollution. Groundwater Bulletin No. 2. Southern Illinois University.
- ILOSLR Study Board 2006. Options for Managing Lake Ontario and St. Lawrence River Water Levels and Flows. International Lake Ontario – St. Lawrence River Study Board. Final Report to the International Joint Commission.
- Johnson, J.H. 1978. Natural reproduction and juvenile ecology of Pacific salmon and steelhead trout in tributaries of the Salmon River, New York. M.S. Thesis. State University of New York, College of Environmental Science and Forestry, Syracuse, New York.
- Johnson, J.H. and N.H. Ringler. 1981. Natural reproduction and juvenile ecology of Pacific salmon and rainbow trout in tributaries of the Salmon River, New York. *New York Fish and Game Journal*. 28:49-60.
- Jones, P. Annals and recollections of Oneida County. 894 p. Rome, New York.
- Keller, J.K., M.E. Richmond and C.R. Smith. An explanation of patterns of breeding bird species richness and density following clearcutting in northeastern USA forests. *Forest Ecology and Management* 174:541-544.
- Kennen, J.G., S.J. Wisniewski, N. H. Ringler and H.M. Hawkinds. 1994. Application and modification of an auger trap to quantify emigrating fishes in Lake Ontario tributaries. *North American Journal of Fisheries Management* 14:828-836.
- Klapproth, J.C. and J.E. Johnson. 2000. Understanding the science behind riparian forest buffers: effects on water quality. Virginia Cooperative Extension, Virginia Polytechnic Institute. Publication No. 420-151. <<http://www.ext.vt.edu/pubs/forestry/420-151/420-151.html>>.
- Leaf, A.L. and R.F. Wittwer. 1974. "Soils and Geology." *Pages 8-35 In: Resources of the Tug Hill Region*. Prepared for The Temporary Commission on Tug Hill by the State University of New York College of Environmental Science and Forestry, Syracuse, New York.
- Loeb, S.C. 1996. The role of coarse woody debris in the ecology of southeastern mammals. *In: Biodiversity and coarse woody debris in southern forests. Proceedings of the workshop on coarse woody debris in southern forests: effects on biodiversity. Edited by: McMinn, J.W. and D.A. Crossley, Jr. USDA Forest Service General Technical Report SE-94. Asheville, NC. p. 108-118.*
- Lovett, G.M., K.C. Weathers and W.V. Sobczak. 2000. Nitrogen saturation and retention in forested watersheds of the Catskill Mountains, New York. *Ecological Applications* 10:73-84.
- Magill, A.H., J.D. Aber, J.J. Hendricks, R.D. Bowden, J.M. Melillo and P.A. Steudler. 1997. Biogeochemical response of forest ecosystems to simulated chronic nitrogen deposition. *Ecological Applications* 7:402-415.
- McKenny, H.C., W.S. Keeton and T.M. Donovan. 2006. Effects of structural complexity enhancement on eastern red-backed salamander (*Plethodon cinereus*) populations in northern hardwood forests. *Forest Ecology and Management* 230:186-196.

- McGee, G.G. 2000. The contribution of beech bark disease-induced mortality to coarse woody debris loads in northern hardwood stands of Adirondack Park, New York, USA. *Canadian Journal of Forest Research* 30:1453-1462.
- McGee, G.G., D.J. Leopold, and R.D. Nyland. 1999. Structural characteristics of old-growth, maturing, and partially-cut northern hardwood stands. *Ecological Applications* 9:1316-1329.
- McGee, G.G. and R.W. Kimmerer. 2002. Forest age and management effects on epiphytic bryophyte communities in Adirondack northern hardwood forests, New York, USA. *Canadian Journal of Forest Research*.32:1562-1576.
- McKenna, J.E., Jr. and J.H. Johnson. 2005. Juvenile rainbow trout production in New York tributaries of Lake Ontario: implications for Atlantic salmon restoration. *North American Journal of Fisheries Management* 25:391-403.
- McKenna, J.E., Jr., J.P. McDonald, C. Castiglione, S.S. Morrison, K.P. Kowalski and D.R. Passino-Reader. 2006. A broadscale fish habitat model development process: Genesee Basin, New York. *American Fisheries Society Symposium* 48:533-554.
- McNab, W.H. and P.E. Avers. 1994. Ecological subregions of the United States. US Forest Service. WO-WSA-5. <<http://www.fs.fed.us/land/pubs/ecoregions/index.html>>.
- McNamara, R. 1999. Tug Hill: A Four Season Guide to the Natural Side. North Country Books, Utica, New York.
- McNab, W.H., Cleland, D.T., Freeouf, J.A., Keys, Jr., J.E., Nowacki, G.J., Carpenter, C.A. (Compilers). 2005. Description of Ecological Subregions: Sections of the Conterminous United States. [CD-ROM]. Washington, DC: U.S. Department of Agriculture, Forest Service. 80 p.
- Michigan DNR. 2007. Fish Identification. Michigan Department of Natural Resources. <http://www.michigan.gov/dnr/0,1607,7-153-10364_18958---,00.html>.
- Mueller, D.K. and D.R. Helsel. 1996. Nutrients in the nation's waters – too much of a good thing? US Geological Survey Circular 1136. <<http://water.usgs.gov/nawqa/circ-1136/h6.html#PHOS>>.
- Nature Conservancy. 2003. The Five-S framework for site conservation: a practitioners handbook for site conservation planning and measuring conservation success. 3rd Edition. <<http://conserveonline.org/docs/2000/11/5-SVOL1.pdf>>.
- NCSS. 1981. Soil Survey of Oswego County, New York. USDA Soil Conservation Service, National Cooperative Soil Survey. Washington, DC.
- New York Conservation Department. 1939. A Biological Survey of the Lake Ontario Watershed. Supplemental to 29th Annual Report, 1939. J.B. Lyon Company, Albany, New York.
- New York State Department of Environmental Conservation (NYSDEC). 2006. New York State Comprehensive Wildlife Conservation Strategy. New York State Department of Environmental Conservation, Albany, New York. <<http://www.dec.state.ny.us/website/dfwmr/swg/cwscmainpg.html>>.
- New York Natural Heritage Program. 2007. Bog Turtle Fact Sheet. <http://www.dec.state.ny.us/website/dfwmr/wildlife/endspec/botufs.html>.
- NC DENR. 2003. Riparian buffers in forest management: establishment, effectiveness and recommendations. NC Forest Management and Development Section – Forest NPS Unit, Dept. of Environment and Natural Resources. Raleigh, NC. <http://www.dfr.state.nc.us/water_quality/pdf/htripbufferforestry.PDF>.

- Novak, M.A. and R. W. Bode. 1992. Percent model affinity: a new measure of macroinvertebrate community composition. *Journal of the North American Benthological Society* 11(1):80-85.
- NRCS. 2007. Wetland functions and values fact sheet. USDA Natural Resources Conservation Service. <<http://www.nrcs.usda.gov/programs/farmland/1996/FuncFact.html>>.
- Nyland, R.D. 1996. Silviculture Concepts and Applications. McGraw-Hill, Boston, MA, USA.
- NYSDEC. 2006. DEC Newsletter, November, 2006. <<http://www.dec.state.ny.us/website/environmentdec/2006b/lakeontariobirds102406.html>>.
- NYSDEC. 2006. Section 303(d) List of Impaired Waters Requiring a TMDL. New York State Department of Environmental Conservation, Division of Water, Albany, New York. 13 March 2007. <<http://www.dec.state.ny.us/website/dow/303d2006.pdf>>.
- NYSDEC. 2007. Freshwater Wetlands Program. New York State Department of Environmental Conservation, Division of Fish, Wildlife and Marine Resources. 5 April 2007. <<http://www.dec.state.ny.us/website/dfwmr/habitat/fwwprog.htm#wet>>.
- NYSDEC. 2007b. LIP Grassland Protection Program. New York State Department of Environmental Conservation, Bureau of Wildlife. 5 April 2007. <<http://www.dec.state.ny.us/website/dfwmr/wildlife/lip/lipgrasslands.html>>.
- NYSDOH. 2006. Chemicals in sportfish and game: 2006-07 health advisories. New York State Department of Health, Albany, NY. <<http://www.health.state.ny.us/environmental/outdoors/fish/docs/fish.pdf>>.
- NYSISTF. 2005. Final Report of the New York State Invasive Species Task Force, Public Review Draft. Albany, New York. <http://www.dec.state.ny.us/website/dfwmr/habitat/istf/istfdraft.pdf>.
- Osmond, D.L., D.E. Line, J.A. Gale, R.W. Gannon, C.B. Knott, K.A. Bartenhagen, M.H. Turner, S.W. Coffey, J. Spooner, J. Wells, J.C. Walker, L.L. Hargrove, M.A. Foster, P.D. Robillard, and D.W. Lehning. 1995. *WATERSHEDSS: Water, Soil and Hydro-Environmental Decision Support System*, <<http://h2osparc.wq.ncsu.edu>>.
- PADCNR. 2007. Early successional forest. Pennsylvania Department of Conservation and Natural Resources. 5 April 2007. <http://www.dcnr.state.pa.us/wlhabitat/forest/earlyforest.htm>
- Pagano, J.J., P.A. Rosenbaum, R.N. Roberts, G.M. Sumner and L.V. Williamson. 1999. Assessment of maternal contaminant burden by analysis of snapping turtle eggs. *Journal of Great Lakes Research* 25(4):950-961.
- PAN Database – Chemicals 2007. 14 April 2007. http://www.pesticideinfo.org/Detail_Chemical.jsp?Rec_Id=PC32789
- Petreszyn, J.M. 1990. Oswego County aquatic vegetation management program, 1990 County-wide assessment. Report No. 1:1-50.
- Rickey, M.A. and R.C. Anderson. 2004. Effects of nitrogen addition on the invasive grass *Phragmites australis* and a native competitor *Spartina pectinata*. *Journal of Applied Ecology* 41:888-896.
- Roberts and Gilliam 2003. *In Roberts & Gilliam (eds.) Herbaceous Layer in Forests of Eastern North America*.
- Root, H.T., G.G. McGee and R.D. Nyland. 2007a. Effects of two silvicultural management regimes with large tree retention on epiphytic lichen communities in Adirondack northern hardwoods, New York, USA. *Canadian Journal of Forest Research* (in press).

- Root, H.T., G.G. McGee and R.A. Norton. 2007b. Arboreal mite communities on epiphytic lichens of the Adirondack Mountains of New York, USA. *The Northeastern Naturalist* (in press).
- Rosenberg, K.V., R.W. Rohrbaugh, Jr., S.E. Barker, J.D. Lowe, R.S. Hames, and A.A. Dhondt. 1999. A Land Manager's Guide to Improving Habitat for Scarlet Tanagers and Other Forest-Dwelling Interior Birds. The Cornell Lab of Ornithology, Ithaca, New York.
- Runkle, J.R. 1982. Patterns of disturbance in some old-growth mesic forests of eastern North America. *Ecology* 63:1533-1546.
- Saunders, D.L. and J. Kalf. 2001. Nitrogen retention in wetlands, lakes and rivers. *Hydrobiologia* 443:205-212.
- Saunders, D. A. 1988. Adirondack Mammals. State University of New York, College of Environmental Science and Forestry. 216pp.
- Sawchuck, D.J. 2006. Salmon River Falls Unique Area Unit Management Plan. NY State Department of Environmental Conservation, Division of Lands and Forests, Altmar, New York.
<<http://www.dec.state.ny.us/website/df/publands/ump/reg7/salmonrivertext.pdf>>
- Schreiber, R.K. 2007. Acid deposition. US National Biological Service. Kearneysville, WV. 14 April 2007.
<<http://biology.usgs.gov/s+t/frame/u204.htm>>.
- Semlitsch, R. D. 1998. Biological delineation of terrestrial buffer zones for pond-breeding salamanders. *Conservation Biology* 12(5):1113-1119.
- Serfass, T.L. and D. Mitcheltree. 2004. Wildlife Notes: Fishers. Pennsylvania Game Commission.
<<http://www.pgc.state.pa.us/pgc/cwp/view.asp?a=458&q=150804>>.
- Shigo, A.L. 1972. The beech bark disease today in the northeastern United States. *Journal of Forestry* 70:286-289.
- Singleton, R., S. Gardescu, P.L. Marks and M.A. Geber. 2001. Forest herb colonization of postagricultural forests in central New York State, USA. *Journal of Ecology* 89:325-338.
- Steen, D. 2007. The effects of road mortality on aquatic turtle populations. Roosevelt Wild Life Station report. SUNY-College of Environmental Science and Forestry, Syracuse, New York. 5 April 2007.
<<http://www.esf.edu/resorg/rooseveltwildlife/Research/turtle%20mort/turtleMort.htm>>.
- Stephenson, S.L. 1989. Distribution and ecology of myxomycetes in temperate forests. II. Patterns of occurrence on bark surface of living trees, leaf litter and dung. *Mycologia* 81:608-621.
- Stoddard, J.L., J.S. Kahl, f.A. Deviney, D.R. DeWalle, C.T. Driscoll, A.T. Herlihy, J.H. Kellogg, P.S. Murdoch, J.r. Webb and K.E. Webster. 2003. Response of Surface Water Chemistry to the Clean Air Act Amendments of 1990. US Environmental Protection Agency. EPA 620/R-03/001. Washington, DC.
<<http://www.epa.gov/ord/htm/CAA-2002-report-2col-rev-4.pdf>>.
- Stout, N.J. 1958. Atlas of Forestry in New York. State University of New York College of Forestry at Syracuse. Bulletin 41. Syracuse, New York.
- Street, J.S. 1966. Glacial geology of eastern and southern portions of the Tug Hill Plateau. PhD. Thesis, Syracuse University, Syracuse, New York.
- Stoddard, J.C. 1994. Long term changes in watershed retention of N: its causes and aquatic consequences *Pages* 223-284 *In*: Baker, L.A. (ed.) Environmental Chemistry of Lakes and Reservoirs. Advances in Chemistry Series 237.

- Sylte, T.L. and J.C. Fischenich. 2002. Techniques for measuring substrate embeddedness. EMRPP Technical Notes Collectin (ERDC TN-EMRRP-SR-36). US Army Engineer Research and Development Center, Vicksburg, MS. <<http://el.ercd.usace.army.mil/elpubs/pdf/sr36.pdf>>.
- TNC. 2007. Determining the Size of Eastern Forest Reserves.
http://www.nature.org/wherewework/northamerica/states/massachusetts/files/eastern_forests_brochure_final.pdf
- USDA Forest Service. 2004 Bailey's Ecoregions and Subregions of the United States, Puerto Rico, and the U.S. Virgin Islands: National Atlas of the United States, Reston, VA.
- USEPA. 2007. Carlson's Trophic State Index. 27 March 2007.
<<http://www.epa.gov/bioindicators/aquatic/carlson.html>>.
- USEPA. 2007. Effects of Acid Rain - Surface Waters and Aquatic Animals. 4 April 2007
<http://www.epa.gov/acidrain/effects/surface_water.html>.
- US Fish and Wildlife Service. 2007. Black tern fact sheet. 16 March 2007. <<http://mountain-prairie.fws.gov/blacktern/sacp.htm>>.
- USFS. 2002. A summary of technical considerations to minimize the blockage of fish at culverts on the National Forests of Alaska. US Forest Service, Alaska Region. <http://www.fs.fed.us/r10/ro/policy-reports/wfew/fish_blockage_at_culverts.pdf>.
- Vitousek, P.M., J.Aber, R.W. Howarth, G.E. Likens, P.A. Matson, D.W. Schindler, W.H. Schlesinger and G.D. Tilman. 1997. Human alteration of the global nitrogen cycle: causes and consequences. *Issues in Ecology*. Ecological Society of America, Washington, DC.
- Wildridge, P.J. 1990. Natural reproduction of Pacific salmon and steelhead trout in Lake Ontario tributaries, New York. Masters Thesis, State University of New York, College of Environmental Science and Forestry. Syracuse, New York.
- Wink, R. A. 2002. The combined effects of defoliation by the forest tent caterpillar and partial cutting on Tug Hill hardwoods. PhD Dissertation, State University of New York, College of Environmental Science and Forestry, Syracuse, NY, USA.
- Wink, R.A. and D.C. Allen. 2007. The combined effects of defoliation and modified timber stand improvement on hardwoods in the Tug Hill region of New York. *Northern Journal of Applied Forestry* 24(1):43-51.
- Woodrow, D.L., C.E. McClennen and W.F. Ahrnsbrak. 2002. Eastern Lake Ontario Sand Transport Study (ELOSTS): Final Report on Sediment Transport Patterns and Management Implications for Eastern Lake Ontario. A report and technical appendix submitted to The Nature Conservancy.
- Wright, J.P., C.G. Jones and A.S. Flecker. 2002. An ecosystem engineer, the beaver, increases species richness at the landscape scale. *Oecologia* 132:96-101.
- Zankel, M. 2001. Implementing Biodiversity Conservation. *Pages 6-8 In: Habitats*. University of New Hampshire Cooperative Extension.