

Albany Pine Bush Preserve Commission. 2010. Management Plan and Final Environmental Impact Statement for the Albany Pine Bush Preserve. Albany, New York.

Albany Pine Bush Preserve Commission. 2017. Management Plan Update for the Albany Pine Bush Preserve. Albany, New York.

Albany Pine Bush Preserve Commission. 1999. West overlook pine bush burn: report on the April 27, 1999 incident, recommendations for updated prescribed burn protocol. Albany, NY.

Austin, G. T. 2002. Aspen invasion in the Albany Pine Bush. MS Thesis. State University of New York at Albany, Albany, NY.

Barnes, J. K. 2003. Natural History of the Albany Pine Bush: Albany and Schenectady counties, New York. New York State Museum Bulletin no. 502. Albany, New York.

Barnett, K., and B. Abbuhl. 2007. Ecology and behavior of the eastern hognose snake in upstate NY. Albany Pine Bush Preserve Commission Internal Report.

Beachy, B. 2002. Invading trees and breeding birds in the Albany Pine Bush. MS Thesis. State University of New York at Albany, Albany, NY.

Beachy, B. L., and G. R. Robinson. 2008. Divergence in avian communities following woody plant invasions in a pine barrens ecosystem. *Natural Areas Journal* 28:395-403.

Benjamins, M. 2003. Effects of shade on the oviposition preferences of the endangered Karner blue butterfly, *Lycaeides melissa samuelis* Nabokov. M.S. Thesis. College of Environmental Science and Forestry, State University of New York, Syracuse, NY.

Bidwell, B., S. Gebauer-Gifford, A. Rudich, and N.A. Gifford. 1998. Short term effects of fire on wild blue lupine in the Albany Pine Bush Preserve, Albany, NY. Albany Pine Bush Preserve Commission Internal Report.

Bogan, D. A. 2004. Eastern coyote home range, habitat selection and survival in the Albany Pine Bush landscape. MS Thesis. State University of New York at Albany, Albany, NY.

Breisch, K. 2006. Eastern spadefoot toad (*Scaphiopus holbrookii holbrookii*): Albany Pine Bush Preserve. Albany Pine Bush Preserve Commission Internal Report.

Bried, J.T. 2009. Information costs of reduced-effort habitat monitoring in a butterfly recovery program. *Journal of Insect Conservation* 13:128-136.

Bried, J., and L. Demick. 2009. Chemical alternatives to labor-intensive mechanical control of invasive aspen in the Albany Pine Bush. Albany Pine Bush Preserve Commission Internal Report.

Bried, J.T. and A.M. Dillon. 2011. Bee diversity in scrub oak patches 2 years after mow and herbicide treatment. *Insect Conservation and Diversity* 5(3):237-243.

- Bried, J.T., A.M. Dillon, B.J. Hager, M.A. Patten, B. Luttbeg. 2015. Criteria to infer species residency in standardized adult dragonfly surveys. *Freshwater Science* 34(3):1105-1113.
- Bried, J.T., and G.J. Edinger. 2009. Baseline floristic assessment and classification of pine barrens vernal ponds. *Journal of the Torrey Botanical Society* 136:128-136.
- Bried, J. T., and N.A. Gifford. 2008. Albany Pine Bush Pine Barrens Viability Assessment. Albany Pine Bush Preserve Commission. Albany, NY.
- Bried, J.T., and N.A. Gifford. 2010. Baseline vegetation assessment following mow and herbicide reduction of overabundant scrub oak. *Ecological Restoration* 28:245-248.
- Bried, J. T., N. A. Gifford, and K. M. Robertson. 2015. Predicted crown fire risk adds incentive to restore open-canopy pine barrens at the wildland-urban interface. *Journal of Sustainable Forestry* 34:147-167.
- Bried, J. T., and J. A. Hecht. 2011. Comparison of herbicide treatments to control native aspen encroachment in pine barrens. *Natural Areas Journal* 31:288-293.
- Bried, J. T., B. D. Herman, and G. N. Ervin. 2007. Umbrella potential of plants and dragonflies for wetland conservation: a quantitative case study using the umbrella index. *Journal of Applied Ecology* 44:833-842
- Bried, J. T., P. Hunt, and W.B. Worthen. 2007. How often and how long? Studying temporal survey design for adult odonates. *Argia* 18:8-11.
- Bried, J. T., K. E. Langwig, A. A. Dewan, and N. A. Gifford. 2011. Habitat associations and survey effort for shrubland birds in an urban pine barrens preserve. *Landscape and Urban Planning* 99:218-225.
- Bried, J. T., J.E. Murtaugh and A.M. Dillon. 2012. Local distribution factors and sampling effort guidelines for the rare frosted elfin butterfly. *Northeastern Naturalist* 19(4): 673-684.
- Bried, J. T., W. A. Patterson, III, and N. A. Gifford. 2014. Why pine barrens restoration should favor barrens over pine. *Restoration Ecology* 22:442-446.
- Bried, J. T., and J. Pellet. 2012. Optimal design of butterfly occupancy surveys and testing if occupancy converts to abundance for sparse populations. *Journal of Insect Conservation* 16:489-499.
- Bried, J., T. Tear, R. Shirer, C. Zimmerman, N. Gifford, S. Campbell, and K. O'Brien. 2014. A simple framework to integrate habitat monitoring and restoration with endangered insect recovery. *Environmental Management* 54: 1385-1398.
- Bristol, Litynski, and Wojcik. 1980. The Pine Bush intermunicipal study: technical report. Albany: City of Albany, Guilderland, and Colonie.
- Brown, W. S., A. R. Breisch, and M. M. Stewart. 2005. Margaret McBride Stewart. *Copeia* 3: 701-708.
- Campbell, S. P., A. M. Dillon, and N. A. Gifford. 2016. Population trends of the Karner blue butterfly (*Lycaeides melissa samuelis*) in the Albany Pine Bush Recovery Unit, 2007-2015. A report to the Albany

Pine Bush Preserve Commission, New York State Department of Environmental Conservation and New York Field Office of the United States Fish and Wildlife Service.

Capital District Transportation Committee. 1985. Pine Bush Transportation Study. Albany, New York.

Capital District Transportation Committee. 1993. Regional Transportation Plan. Adopted 12/16/93. Albany, New York.

Christina, N. W. 1989. Host specificity of *Lithophane innominata* (Lepidoptera: Noctuidae) on Cherry (*Prunus* species). Bios 60:87-89.

Coffey, E.R. 2012. Experimental studies of the multitrophic effects of anti-herbivore defense in three pine barrens shrub species. MS Thesis. State University of New York at Albany, Albany, NY.

DeWan, A. A. 2002. The ecological effects of carnivores on small mammals and seed predation in the Albany Pine Bush. MS Thesis. State University of New York at Albany, Albany, NY.

Dineen, R.J. 1975. Geology and Land Uses in the Pine Bush, Albany County, New York. New York State Museum and Science Service Circular 47.

Dineen, R.J. 1982. The Geology of the Pine Bush Aquifer, North-Central Albany County, New York. Bulletin Number 449. The University of the State of New York, State Education Department, New York State Museum.

Dirig, R. 1994. Historical notes on wild lupine and Karner blue butterfly at the Albany Pine Bush, New York. Pages 23-36 in D. A. Andow, R. J. Baker, and C. P. Lane, editors. Karner blue butterfly: a symbol of a vanishing landscape. University of Minnesota, Minnesota Agricultural Experiment Station, miscellaneous publication 84-1994.

Droege, M.F. 1996. The seasonal variation in total available carbohydrates in rhizomes of huckleberry (*Gaylussacia baccata*) and its implications for fire management. M.S. Thesis. University of Massachusetts, Amherst, MA.

Drummond, C. 2004. The ecological impacts of habitat fragmentation on black-legged ticks (*Ixodes scapularis*) and Lyme disease. MS Thesis. State University of New York at Albany, Albany, NY.

Fuller, S.G. 2008. Population dynamics of the endangered Karner Blue Butterfly (*Lycaeides melissa samuelis* Nabokov). Ph.D. thesis. State University of New York College of Environmental Science and Forestry, Syracuse, NY.

Gebauer, S., W.A. Patterson, M.F. Droege, and M. M. Santos. 1996. Vegetation and soil studies within the Albany Pine Bush Preserve: a landscape level approach. Report prepared by the Albany Pine Bush Preserve Commission, Albany, NY and the Department of Forestry and Wildlife Management, University of Massachusetts, Amherst, MA.

Gifford, N. and M. Batcher. 2001. Albany Pine Bush Preserve research, inventory and monitoring plan. Albany Pine Bush Preserve Commission, Latham, NY.

Gifford, N. and J. Bernstock. 1999. Albany Pine Bush Preserve inland barrens buckmoth (*Hemileuca maia* ssp. 3) monitoring summary report, 1991-1999. Report prepared by the Albany Pine Bush Preserve Commission, Latham, NY.

Gifford, N. A., J. T. Bried, C. Kostrzewski, and G. T. Dooley. 2006. Effects of single season mechanical and prescribed fire treatments in restoring inland pitch pine-scrub oak barrens of the Albany (NY) Pine Bush Preserve. Proceedings of the 3rd International Fire Ecology and Management Conference, 13-17 November, San Diego, California.

Gifford, N.A., J.M. Deppen, and J.T. Bried. 2010. Importance of an urban pine barrens for the conservation of early successional shrubland birds. *Landscape and Urban Planning* 94:54-62.

Gill, R. 1997. The influences of habitat fragmentation on edge effects in the Albany Pine Bush, MS Thesis. State University of New York at Albany, Albany, NY.

Givnish, T.J. 1995. Letter to the Albany Pine Bush Preserve Commission clarifying 2,000 fire manageable acre issue. August 21.

Givnish, T.J., E.S. Menges and D.S. Schweitzer. 1988. Minimum area requirements for long-term conservation of the Albany Pine Bush and Karner blue butterfly: an assessment. Report for Malcolm Pirnie, P.C. and the City of Albany. Albany, New York.

Gompper, M. E., R. W. Kays, J. C. Ray, D. L. Scott, A. B. Daniel, and R. C. Jason. 2006. A Comparison of Noninvasive Techniques to Survey Carnivore Communities in Northeastern North America. *Wildlife Society Bulletin* 34:1142-1151.

Hartgen Archeological Associates. 1991. Report for archeological potential, SEQR, parts 1A and 3, The Albany Pine Bush Preserve located in the towns of Guilderland and Colonie and the City of Albany, Albany County, New York. Hartgen Archeological Associates, Inc., Troy, NY.

Hartgen Archeological Associates. 2006. Phase 1B Archeological Field Reconnaissance, Albany Pine Bush Preserve Restoration – Iarossi Property. Town of Guilderland and City of Albany, Albany County, NY. Hartgen Archeological Associates, Inc., Troy, NY.

Hartgen Archeological Associates. 2007. Phase 1B Archeological Field Reconnaissance, Albany Pine Bush Preserve Restoration, City of Albany, Towns of Guilderland and Colonie, Albany County, NY. Hartgen Archeological Associates, Inc., Troy, NY.

Hartgen Archeological Associates. 2008. Phase 1A Literature Review and Archeological Sensitivity Assessment – Phase 1B Archeological Field Reconnaissance, Albany Pine Bush Preserve Habitat Restoration, Muncie and Blueberry Hill, Washington Avenue Extension, NY 155, and Pitch Pine Road, City of Albany, Albany County, NY. Hartgen Archeological Associates, Inc., Troy, NY.

Hartgen Archeological Associates. 2009. Phase 1A Literature Review and Archeological Context, Albany Pine Bush Preserve Habitat Restoration Project, Albany County, NY. Hartgen Archeological Associates, Inc., Troy, NY.

Hawver, C. 1996. Characterization of fire management and smoke emissions in the Albany Pine Bush Preserve, Albany Pine Bush Preserve Commission, Latham, NY.

Hawver, C., and M. Batcher. 2002. Fire management plan for the Albany Pine Bush Preserve. Albany Pine Bush Preserve Commission, Albany, NY.

Hawver, C., S.B. Gifford, and J. Hecht. 2000. Comparison of methods to control invasive plant species in the Albany Pine Bush Preserve. Report prepared for the Albany Pine Bush Preserve Commission, Latham, NY.

Hoven, B. 2009. The effect of restoration and maintenance treatments on host plant quality and natural enemies of the endemic Barrens Buck Moth (*Hemileuca maia* Drury) in a scrub oak – pitch pine ecosystem. M.S. Thesis. State University of New York College of Environmental Science and Forestry, Syracuse, NY.

Hunsinger, K.C. 1999. A survey of amphibians and reptiles of the Albany Pine Bush Preserve, Albany County, New York, MS Thesis. Department of Biological Sciences, State University of New York at Albany.

Hunt, D.M. 1996. New York Flora Association (NYFA) base list: flora of Albany Pine Bush. Final report submitted to the New York Natural Heritage Program and The Nature Conservancy. 3 pages

Keene, G. R. 2014. Influence of topography on egg and larval phenology and a comparison of monitoring approaches for barrens buck moth, *Hemileuca maia* (Drury). M.S. Thesis. State University of New York College of Environmental Science and Forestry, Syracuse, NY.

Kays, R.W., and A.A. DeWan. 2004. Ecological impacts of inside/outside house cats around a suburban nature preserve. *Animal Conservation* 7:1-11.

Kerlinger, P., and C. Doremus. 1981. Habitat disturbance and the decline of dominant avian species in pine barrens of the Northeastern United States. *American Birds* 35:16-20.

Kirchman, J. J., J. Ralston, and N. A. Gifford. 2011. Stable isotope analysis of fall migration stopover by six passerine species in an inland pitch pine scrub oak barren. *The Wilson Journal of Ornithology* 123: 548-556.

Lawler, Matusky and Skelly Engineers. 2000. Threatened and endangered species along county route 155 through the Albany Pine Bush. Report to the New York State Department of Transportation, prepared by Lawler, Matusky and Skelly Engineers LLP, Pearl River, NY.

Malcolm, G.M., D.S. Bush, and S.K. Rice. Soil nitrogen conditions approach preinvasion levels following restoration of nitrogen-fixing black locust (*Robinia pseudoacacia*) stands in a pine-oak ecosystem. *Restoration Ecology* 16:70-78.

Martin, K. L. 1977. Spatial distribution of the scrub oaks, *Quercus ilicifolia* and *Quercus prinoides*, in the Pine Bush of eastern New York. MS Thesis. State University of New York at Albany, Albany, NY.

Mattox, J.E. 1994. Wetland vascular flora of the Pine Bush, Albany and Schenectady counties, New York State, in the 19th and 20th centuries. MS Thesis. Bard College, Poughkeepsie, NY.

McCabe, T., A. Meyer, C. Weber, and L. Higgins. 1993. Albany Pine Bush Project: 1991-1992 Entomological Report. New York State Museum Biological Survey, Albany, New York.

McLaughlin, C.M. 2015. Landowner knowledge and opinions of invasive species and their management surrounding a suburban nature preserve. MS Thesis. State University of New York at Albany, Albany, NY.

Meyer, A.M., and T.L. McCabe. 1993. Albany Pine Bush Project Karner Blue Butterfly Report. New York State Museum Biological Survey, Albany, New York. Prepared for the Albany Pine Bush Preserve Commission, Albany, New York.

Milne, B. T. 1981. Vegetational gradients and succession in the tree and shrub strata of the Albany Pine Bush, Albany, New York. MS Thesis. State University of New York at Albany, Albany, NY.

Milne, B.T. 1985. Upland vegetational gradients and post-fire succession in the Albany Pine Bush, New York. Bulletin of the Torrey Botanical Club 112:21-34.

Morlando, S. , S. J. Schmidt, and K. LoGiudice. 2012. Reduction in Lyme disease risk as an economic benefit of habitat restoration. Restoration Ecology 20:498-504.

People for the Pine Bush and State University of New York at Albany. 1975. Pine Bush alternate master plan: discussion draft, May 31, 1975. Albany, N.Y.: People for the Pine Bush.

Pipino, L.M. 2014. Environmental associations of herpetofaunal communities in the pitch pine-scrub oak barrens of Albany County, NY. MS Thesis. State University of New York at Albany, Albany, NY.

Rice, S. K., B. Westerman, and R. Federicic. 2004. Impacts of the exotic, nitrogen-fixing black locust (*Robinia pseudoacacia*) on nitrogen cycling in a pine-oak ecosystem. Plant Ecology 174:97-107.

Rittner, D. (ed.) 1976. Pine Bush: Albany's Last Frontier. Pine Bush Historic Preservation Project, Albany, New York.

Sarjeant, M. S. 1998. Demographic variation in blue lupine (*Lupinus perennis*) in the Albany Pine Bush : projection matrix analysis. MS Thesis. State University of New York at Albany, Albany, NY.

Schneider, K., C. Reschke and S. Young. 1991. Inventory of the rare plants, animals and ecological communities of the Albany Pine Bush Preserve. Report to the Albany Pine Bush Commission, prepared by the New York Natural Heritage Program, Latham, NY.

Schweitzer, D.F. 1988. Findings on the status of the Karner blue butterfly in the Albany, New York Pine Bush in 1988. Report to the City of Albany.

Seischab, F. K., and J. M. Bernard. 1996. Pitch Pine (*Pinus rigida* Mill.) Communities in the Hudson Valley Region of New York. American Midland Naturalist 136:42-56.

Smallidge, P.J., D.J. Leopold, and C.M. Allen. 1996. Community characteristics and vegetation management of Karner blue butterfly (*Lycaeides melissa samuelis*) habitats on rights-of-way in east-central New York, USA. Journal of Applied Ecology 33:1405-419.

Snively, D. S., City of Albany, and U.S. Geological Survey. 1983. Ground-water appraisal of the Pine Bush area, Albany County, New York. Albany, N.Y.

Stewart, M.M., and J. Rossi. 1981. The Albany Pine Bush: a northern outpost for southern species of amphibians and reptiles in New York. *American Midland Naturalist* 106:282-292.

Wheeler, A. G. (1991). Plant bugs of *Quercus ilicifolia*: myriads of mirids (Heteroptera) in Pitch Pine-Scrub Oak Barrens. *Journal of the New York Entomological Society* 99:405-440.

Zantopp, K.A. 2000. History of land use and protection in the Albany Pine Bush. MS Thesis. State University of New York at Albany, Albany, NY.

Zaremba, R.E., D. Hunt and A. Lester. 1991. Albany Pine Bush Fire Management Plan, Report to the Albany Pine Bush Preserve Commission. The Nature Conservancy, New York Field Office, Albany, New York.

Zaremba, R.E., and M. Pickering. 1994. Lupine ecology and management in New York State. Pages 87-93 in D.A. Andow, R.J. Baker, and C.P. Lane (editors) *Karner Blue Butterfly: A Symbol of a Vanishing Landscape*. University of Minnesota, Minnesota Agricultural Experiment Station, Miscellaneous Publication 84-1994.