

CONNECTICUT COLLEGE ARBORETUM

Bibliography

The publications listed here are the result of research done in whole or in part in the Connecticut College Arboretum. The bibliography includes all types of publications from class reports to peer reviewed journal papers, books and magazine articles.

Origin of the citations:

1931-1991 from Arboretum Bulletin No. 32 by Richard H. Goodwin

1991- 2016 compiled from Arboretum Annual Reports

The following abbreviations are used: Class Report, CR (listed through 1991); Individual Study Report, IS; Undergraduate Honors Thesis, HT; Undergraduate Thesis, UT; Master of Arts Thesis, MA; Special Report, R.

Abrams, D. 1999. Native wildflowers: photography and web site design. IS.

Altwater, L. 1996. Naturalistic landscaping and the renovation of the Edgerton and Stengel Woodland Wildflower Garden of the Connecticut College Arboretum. IS. pp. 37+.

Askins, R. A. 1988. 51st Breeding bird census: 35. Transition forest and thicket. 36. Oak-hemlock forest. *Am. Birds* 42(1):145-148. Manuscript stored in database management system, Cornell Lab. of Ornithology.

1989. Breeding bird census: 1988. 22. Oak-hemlock forest; 45. Transition forest and thicket. *Jour. Field Ornithology* 60 Suppl.:37-38, 50.

1990a. Breeding bird census: 1989. 30. Oak-hemlock forest; 59. Transition forest and thicket. *Jour. Field Ornithology* 61 Suppl.:47-48, 64.

1990b. Birds of the Connecticut College Arboretum. *Connecticut College Arboretum Bull* 31. pp. 50.

1994. Open corridors in a heavily forested landscape: impact on shrubland and forest-interior birds. *Wildlife Society Bulletin* 22:339-347.

1998. Restoring forest disturbance to sustain populations of shrubland birds. *Restoration and Management Notes* 16(2):166-173.

2000. *Restoring North America's Birds. Lessons from landscape ecology.* Yale University Press, New Haven, CT. pp. 320.

2002. Helping shrubland birds. *Connecticut Woodlands* 66 (3): 12-16.

2006. Birds dependent on specialized habitats are declining. Pages 24–33 in *Connecticut State of the Birds; Conserving Birds and their Habitats*, Connecticut Audubon Society.

- Askins, R.A. 2015. The critical importance of large expanses of contiguous forest for bird conservation. *Connecticut State of the Birds 2015*, Connecticut Audubon Society, Fairfield, Conn.
- Askins, R. A. and W.R. Dreyer. 1997. Breeding bird census: oak-hemlock forest. *Journal of Field Ornithology* (Supp.) 68.
1997. Breeding bird census: transition forest. *Journal of Field Ornithology* (Supp.) 68.
- Askins, R.A., W.R. Dreyer, and M.J. Philbrick. 1993. Breeding bird census: oak-hemlock forest, transition forest, and thicket. *Journal of Field Ornithology* (Supp.) 64: 73-74, 85.
1995. Breeding bird census: oak-hemlock forest. *Journal of Field Ornithology* (Supp.) 66:76.
1995. Breeding bird census: transition forest and thicket. *Journal of Field Ornithology* (Supp.) 66: 92-93.
1996. Breeding bird census: oak-hemlock forest. *Journal of Field Ornithology* (Supp.) 67: 60-61.
1996. Breeding Bird Census: Transition forest and thicket. *Journal of Field Ornithology* (Supp.) 67: 70.
2001. Sustaining biological diversity in early successional communities: the challenge of managing unpopular habitats. *Wildlife Society Bulletin* 20: 407-412.
- Askins, R. A., J. F. Lynch, and R. Greenberg. 1990. Population declines in migratory birds in eastern North America. *Current Ornithology* 7:1-57.
- Askins, R. A., and M. J. Philbrick. 1983. 46th Breeding bird census: 75. Oak-hemlock forest, transition forest and thicket. *Am. Birds* 37(1):73-74.
1984. 47th Breeding bird census: 83. Oak-hemlock forest, transition forest and thicket. *Am. Birds* 38(1):92-93.
- 1987a. 50th Breeding bird census: 9. Oak-hemlock forest; 18. Transition forest and thicket. *Am. Birds* 41(1):154. Manuscript stored in database system, Cornell Lab. of Ornithology.
- 1987b. Effect of changes in regional forest abundance on the decline and recovery of a forest bird community. *Wilson Bull.* 99(1):7-21.
- Askins, R. A., M. J. Philbrick, and D. Sugeno. 1985. 48th Breeding bird census: 59. Oak-hemlock forest, transition forest and thicket. *Am. Birds* 39(1): 112. Manuscript stored in database management system, Cornell Lab. of Ornithology.
1986. 49th Breeding bird census: Oak-hemlock forest, transition forest and thicket. *Am. Birds* 40(1):69-72. Manuscript stored in database management system, Cornell Lab. of Ornithology.
1987. Relationship between the regional abundance of forest and the composition of forest bird communities. *Biol. Conservation* 39(2):129-152.
- Asselin, N. 1999. Vegetation change in the Bolleswood Natural Area: the role of disturbance upon tree succession. CR.

- Attai, L., and W. Ferguson. 1987. Relationship between small mammal populations and the size of isolated forest tracts. Nat. Sci. Found. Res. Experience for Undergraduates Program. pp. 9.
- Avery, G. S., Jr., H. B. Creighton, and C.W. Hock. 1940. Annual rings in hemlocks and their relation to environmental factors. Am. Jour. Botany 27:825-831.
- Bachelder, K. 1983. A vegetation analysis of seven sites in the Connecticut Arboretum. CR, pp. 35.
- Ballek, R. W. 1973. The migration, orientation and homing of *Ambistoma maculatum* to a Connecticut Arboretum breeding pond. IS, pp. 29.
- Barrett, N. 1977. The ecologic forest community. CR, pp. 7 and appendix.
- Barry, W. J. 1980. 32nd winter bird-population study. 2. Hemlock-mixed hardwood forest. Am. Birds 34(1):27.
1981. Small mammal population data, Matthies Tract, 1975-1980. R.
- Bazer, L. 1984. Social behavior and communication in Hairy and Downy Woodpeckers. IS.
- Bazer, L., and P. E. Fell. 1986. Gemmules of *Anheteromeyenia ryderi* and *Heteromeyenia tubisperma* (Porifera: Spongillidae) from southern New England undergo diapause. Freshwater Biology 16:479-484.
- Beetham, N. 1956. The vegetation history of the Connecticut Arboretum Natural Area. HT, pp. 26+.
- Beetham, N., and W. A. Niering. 1961. A pollen diagram from southeastern Connecticut. Am. Jour. Science 259:69-75.
- Benoit, L. K. and R. A. Askins. 2002. Relationship between habitat area and the distribution of tidal-marsh birds. Wilson Bulletin 114: 314-323.
- Bilodeau, K. 1993. The Connecticut College Arboretum: environmental education for the community. IS
- Bowman, K. 1999. Substrate influence on germination and survival of four woody species in the natural areas of the Connecticut College Arboretum. HT.
- Brauner, D. M. 1993. Territorial behavior and oviposition site competition in five species of dragonflies. HT.
- Brawley, A. Hunter. 1993. An Analysis of the Stopover Ecology of Neotropical Migrant Landbirds. CR.
- Brzozowski, E., J. Goode, L. Hartzell, K. Mitsch and H. Nasin. 2001. River hydrology and hydraulics: channel restoration proposal. CR.
- Brown, B. 1974. A study on the vegetation changes within the Connecticut Arboretum bog. IS, pp. 37.
- Buchanan, M.L., R.A. Askins, and C.C Jones. In press 2016. Response of bird populations to long-term changes in local vegetation and regional forest cover. *Wilson Journal of Ornithology*
- Butcher, G. S. 1977a. The effects of vegetation changes and urbanization on breeding birds of the Connecticut Arboretum, 1953-1976. R, pp. 21 and appendices.
- 1977b. Breeding bird studies: The "suburbanization" of a bird population. Connecticut. College Alumni Magazine. 54(3):12.

- 1977c. 40th Breeding bird census. 74. Oak-hemlock forest, transition forest and thicket. *Am. Birds* 31(1):57-58.
- Butcher, G. S., W. A. Niering, W. J. Barry, and R. H. Goodwin. 1981. Equilibrium biogeography and the size of nature preserves: An avian case study. *Oecologia* 49:29-37.
- Cammack, W., G. Hann and M. Lizarralde. In Manuscript 2016. Foraging in the Footsteps of the Southeastern Connecticut Native American: An Edible Tour of the Connecticut College Arboretum. 25 Plants.
- Capizzano, M. and G. D. Dreyer. 1985. Collecting live plants for the Connecticut Arboretum. *Connecticut Botanical Society Newsletter* 13(3):10-12.
- Carey, J. C., K. B. Raposa, C. Wigand and R S. Warren. 2015. Contrasting decadal-scale changes in elevation and vegetation in two Long Island Sound salt marshes. *Estuaries and Coasts*. DOI 10.1007/s12237-015-0059-8
- Carr, C. 1958. Secondary successional trends in the Connecticut Arboretum. CR, pp. 18 and appendix.
- Carson, L. 1999. The college storm water drainage system: the problem of urbanization. IS.
- Chapman, Kelly. 1998. The Ethnobotanical Uses of the Compositae/Asteraceae family plants found in the Arboretum. CR
- Christman, P. 1970. The effects of burning on the soil microorganisms on an *Andropogon* field and an oak-hardwoods forest. CR, pp. 14.
- Clement, C. 1991. A comparative ecophysiological study of the photosynthesis and water relations of an introduced and a native woody vine, *Celastrus orbiculatus* and *Celastrus scandens*. HT.
- Coleman, W. 1977. A study of rock dynamics in the Bolleswood Natural Area of the Connecticut Arboretum, spring and summer 1975. IS.
- Cooke, J. C. 1984. Common Mushrooms of New England. *Connecticut Arboretum Bull.* 29:1-47.
- Courreges, V. C., and P. E. Fell. 1989. Sexual and asexual reproduction by the freshwater sponge *Anheteromeyenia ryderi* (Potts), with emphasis on spermatogenic activity. *Trans. Am. Microscopical Soc.* 108(2):127-138.
- Creighton, H. B. and P. Pasco. 1940. A plant handbook: Lists of plants for specific landscape uses. *Connecticut Arboretum Bulletin* No. 3.
- Crispe, H. T. 1971. The effect of burning on the microorganisms in the soil of an *Andropogon* field and an oak-hardwoods forest. IS. pp. 21.
- Cutler, P. 1973. Plant succession: a study of the vegetation around a small pond in the Arboretum. CR, pp. 8.
- DeGange, T., and S. Syz. 1973. 37th Breeding bird census. 58. Oak-hemlock forest, and semi-open fields and shrubland. *Am. Birds* 27(6):985.
- Delaney, R. 1978. A palynological study of North Arboretum Bolles Road Bog. CR, pp. 11.
- Devito, Jill. 1994. Ecological Survey of reptiles and amphibians of the Connecticut College Arboretum. IS.

- Defito, J. and j. Markow. 1998. Amphibians and Reptiles of the Connecticut College Arboretum. Connecticut Arboretum Bulletin No. 36. pp.52.
- Dewire, R. 1967. 31st Breeding bird census. 91. Oak-hemlock forest and semi-open fields and shrubland. Audubon Field Notes 21:670-672.
1968. 32nd Breeding bird census. 65. Oak-hemlock forest and semi-open fields and shrubland. Audubon Field
1969. 33rd Breeding bird census. 68. Oak-hemlock forest and semi-open fields and shrubland. Audubon Field Notes 23:748-748.
- Dorazio, R. M., E. F. Connor and R. A. Askins. 2015. Estimating the effects of habitat and biological interactions in an avian community. *PLoS One* 10(8): e0135987
- Dreyer, G. D. 1983a. Selective right-of-way management in Connecticut. Proc. Tree Wardens and Utilities Conf., March 15-17, 1983, Chicopee, MA. Coop. Ext. Serv., Amherst, MA. pp. 35-43.
- 1983b. Selective vegetation management on electric transmission rights-of-way in Connecticut. MA, pp. 131.
- 1984a. Spontaneous naturalization of woody plants in the Connecticut Arboretum. I. Connecticut Botanical Society Newsletter 12(2): 1-2.
- 1984b. Spontaneous naturalization of woody plants in the Connecticut Arboretum. II. Connecticut Botanical Society Newsletter 12(3):2.
- 1984c. Additions to the checklist of woody plants in the Connecticut Arboretum. pp. 4.
1985. Spontaneous naturalization of woody plants in the Connecticut Arboretum. III. Connecticut Botanical Society Newsletter 13(2):3-6.
1987. Select native shrubs for southern New England. Wild Flower Notes 2(2):14-19.
- 1988a. Control of sassafras rootsuckering using summer and winter applications of triclopyr alone and in combination with picloram. Proc. Northeastern Weed Science Society 42:112-113.
- 1988b. Efficacy of triclopyr in root killing oriental bittersweet and certain other woody weeds. Proc. Northeastern Weed Science Society 42:120-121.
- 1988c. Oriental bittersweet--the next Kudzu vine? Restoration & Management Notes 6(1):49.
1989. Connecticut's Notable Trees. Connecticut Bot. Soc. Memoir 2. pp 93.
1992. *Celastrus orbiculatus* - Asiatic Bittersweet. Element Stewardship Abstract, The Nature Conservancy. 10 pgs. R.
- 1993 Native Shrubs: A growing Market. Yankee Nursery Quarterly. Summer 1993 15-20.
1994. A Nudge for Natives. American Nurseryman. 179(8): 38-43.
1995. Maintaining your woodland harden: understanding and managing vegetation change. pgs. 33-41 in: Woodland Gardens. Brooklyn Botanic Garden Handbook No. 145.

1996. *Rosa multiflora*, *Taxus cuspidata*, *Celastrus orbiculatus*. pp. 66, 70, 92 in: Randall, J.M. and J. Marinelli, eds. Invasive Plants: Weeds of the Global Garden. Brooklyn Botanic Garden Handbook No. 149.
2003. Profile of the Connecticut College Arboretum. Public Garden 2003, issue 4.
2014. Evaluation of Research-Based Grassland Restoration by Seed in Southeastern Connecticut. Pgs. 33-36 in: Connecticut State of the Birds 2014, Connecticut's Diverse Landscape: Managing our Habitats for Wildlife. Connecticut Audubon Society, Fairfield, CT.
- 2014 Dreyer, G.D. Notable Trees Project. Connecticut Gardener 20(1): 3-5.
- Dreyer, G. D., R. A. Askins and S. Peterson. 2016. The Mamacoke Conservation Area. *Connecticut College Arboretum Bulletin* 42.
- Dreyer, G., L. Baird, and C. Fickler. 1987. *Celastrus scandens* and *Celastrus orbiculatus*: comparisons of reproductive potential between a native and an introduced woody vine. Bull. Torrey Botanical Club 114(3):260-264.
- Dreyer, G. D., and W. A. Niering. 1986. Evaluation of two commercial herbicide techniques on transmission rights-of-way: development of relatively stable shrublands. *Environmental Management* 10(1):113-118.
- (eds.) 1995. Tidal Marshes of Long Island Sound: Ecology, History and Restoration. Connecticut College Arboretum Bulletin No. 34.
- Elsbree, M. 1959. Soil-vegetation analysis of transects I and II, Connecticut Arboretum Natural Area. (UT), pp. 39 and appendices. Information incorporated into the transect database.
- Emery, J. L. 1967. A guided tour of the Connecticut Arboretum. Connecticut Arboretum Bull. 16..
- Evans, T. A. 1987. Wetlands of the Connecticut Arboretum: Vegetation and soils analysis. IS. pp. 17+.
- ES 410. 2008. A study and proposal for the restoration of "Mamacoke Brook". Group CR
- Fayerweather, Lily. 2013. Factors influencing the current and historical invasion trends in the Connecticut College Arboretum. HT Botany Department.
- Fell, P. E., and L. J. Bazer. 1990. Survival of the gemmules of *Anheteromeyenia ryderi* (Potts) following aerial exposure during winter in New England. *Hydrobiologia* 190:241-246.
- Fell, P. E., S. L. Taylor, M. Villalard-Bohnsack and N. C. Olmstead. 1978. Plants and Animals of the Estuary. Connecticut Arboretum Bulletin No. 23. pp. 44.
- Ferm, J. N. 1976. Post burn soil temperatures in a deciduous forest: a study in microclimates. CR, pp. 5 and graphs.
- Fike, J.A. and W. A. Niering. 1999. Four decades of old field vegetation development and the role of *Celastrus orbiculatus* in the northeastern US. *Journal of Vegetation Science* 10:483-492.
- Flynn, A. 1992. Greenhouse Management and the Development of an IPM program for the Connecticut College Greenhouse. IS.

- Foster, D. 1977. Twenty years vegetation development on three areas in the Connecticut Arboretum. IS.
- Gans, H. 1986. Effects of fire on invertebrates in old fields maintained by controlled burning. CR, pp. 10.
- Gerber, F. J. 1969. Vegetation development on abandoned fields in the Connecticut Arboretum. MA.
- Goodwin, C. 1989. Foraging behavior of bumblebees on jewelweed. CR, pp. 17.
- Goodwin, R. H. 1955. Mamacoke Island: the latest addition to the Connecticut Arboretum. Connecticut Arboretum Bull. 8:2-5.
1974. The stability of shrub communities. Connecticut Botanical Society Newsletter 2(1).
1961. Connecticut's coastal marshes, a vanishing resource (ed.). Connecticut Arboretum Bulletin No. 12. pp. 36.
1991. The Connecticut College Arboretum. Its sixth decade and a detailed history of the land. Connecticut College Arboretum Bulletin No. 32.
2002. A botanist's window on the Twentieth Century. Harvard Forest, Harvard University.
- Goodwin, R. H., and R. Dewire. 1964. 28th Breeding bird census. 40. Oak-hemlock forest and semi-open fields and shrubland. Audubon Field Notes 18:569.
- Goodwin, R. H., and F. Grandjouan. 1958. A field list of birds for Connecticut College. Connecticut Arboretum Bull. 10: 313.
- Goodwin, R. H., K. H. Heinig, and K. P. Jansson. 1950. Checklist of woody plants growing in the Connecticut Arboretum and guide to the Arboretum. Connecticut Arboretum Bulletin 6: 1-32.
- Goodwin, R. H. and W. A. Niering. 1959. A roadside crisis: the use and abuse of herbicides. Connecticut Arboretum Bulletin No. 11.
- Goslee, S., W. A. Niering, D. L. Urban and N. L. Christensen. 2005. Influence of environment, history and vegetative interactions on stand dynamics in a Connecticut forest. Journal Torrey Botanical Society 132(3): 471-483.
- Graves, C.B. 1935. The nucleus of the Arboretum. Connecticut Arboretum Bulletin 2: 11-16.
- Greene, Meridith. 2003. Migration and dispersal of the white-footed mouse, *Peromyscus leucopus*, across Mamacoke salt marsh and on Mamacoke Island in the Connecticut College Arboretum. HT.
- Groce, J. 2001. Comparison of foraging behavior of different species of waterfowl at Mamacoke Island and Smith Cove, Thames River. IS.
- Groce, J. 2002. Feeding ecology of a winter waterfowl community. *Connecticut Warbler* 22: 13-24.
- Haines, E. 1962. An ecological study of the vegetation and animals in the Mamacoke Island Natural Area. HT.
- Haines, E., S. Rayfield, and W. A. Niering. 1961. 25th Breeding bird census. 30. Oak forest, thicket and tidal marsh. Audubon Field Notes 15: 518-519.

- Hartvigsen, G. 1987. The impact of browsing by whitetailed deer (*Odocoileus virginicus*) on forest structure in southeastern Connecticut. MA.
- Harvey, M.P. 1994. Inventory of the Native Woody Plant Collection and stewardship of the Connecticut College Arboretum's plant collections and plant records. HT.
- Harvey, M.P. and G. D. Dreyer. 1996. Native Woody Plant Collection Checklist. Connecticut College Arboretum Bulletin No. 35.
- Heller, S. 1965. An ecological study of the Arboretum Pond. HT.
- Hemond, H. F. 1974. Vegetation dynamics on the uplands of the Bolleswood Natural Area of the Connecticut Arboretum at Connecticut College. MA.
1977. Vegetation changes: Nature reclaims abandoned farmland. Connecticut College Alumni Mag. 54(3): 13-14.
- Hemond, H. F., W. A. Niering, and R. H. Goodwin. 1983. Two decades of vegetation change in the Connecticut Arboretum Natural Area. Bull Torrey Botanical Club 110: 184-194.
- Hine, P. 1981. The pollination of jewelweed. CR.
1983. Mamacoke tidal marsh: quantitative comparison of vegetative composition, in 1957 and 1975. R.
1984. Foraging specialization in honeybees. Implication for pollination of apple blossoms. MA.
- Hitchcock, D. A. 1975. Orientation of *Ambystoma maculatum* to and from a breeding pond. CR.
- Hogeland, A. 1976. Microscopic life of a pond. CR.
- Hokkanen, Joel. 1993. The biological control of whiteflies (*Trialeurodes vaporariorum*) with *Encarsia formosa* and *Delphastus pusillus*. IS.
- Howell, P. 1975. A study of *Microtus pennsylvanicus* populations native to the tidal marshes on Mamacoke Island. CR.
- Hunter, B. 1977. Spotted Salamander: able but mysterious nocturnal navigator. Connecticut College Alumni Mag. 54(3): 15-17.
- Hunter, J. M. 1981. Seasonal changes in the soil microbe community of a young forest and an old field in the Connecticut Arboretum, Connecticut College. HT.
- Johnson, H. 2000. Tidal influences on groundwater geology. IS.
- Johnson, L. 1979. Old field biotic development and forest dynamics in the Connecticut Arboretum. CR.
- Jones, C. 2013. Challenges in predicting the future distributions of invasive plant species. Forest Ecology and Management 284: 69-77.
- Jones, C., Dreyer, G. and Barrett, N. 2013. Evaluating the success of seed sowing in a New England grassland restoration. Natural Areas Journal 33(2): 214-221.
- Jones, G. S. 1977. Hemlock reproduction in the Bolleswood Natural Area. IS.

- Joyce, W. C. 1999. Historical and current condition analysis of the Connecticut College North Dormitory Complex Landscape. IS.
2000. Landscape Design for the Renovated North Dormitory Complex, Connecticut College. IS.
- Juli, H. D. 1977. Looking at the past: Indian villages and colonial homesteads. Connecticut College Alumni Mag. 54(3):1820.
1992. Archaeology in the Connecticut College Arboretum. Connecticut College Arboretum Bulletin No. 33.
- Kashanski, B. R., and W. A. Niering. 1955. 19th Breeding bird census: 34. oak-hemlock forest and semi-open fields and shrubland. Audubon Field Notes 9(6): 429-430.
- Kessel, L. and M. Lizarralde. 2006. Ethnobotany of the Common Native Trees and Shrubs in the Connecticut College Arboretum. Arboretum brochure rom IS.
- Kluza, D. 1989. The breeding success of Red-eyed Vireos (*Vireo olivaceus*) in the Connecticut College Arboretum. IS.
- Kubick, D. C and T. P. Owen. 2003. The hidden world of plants. A scanning electron Microscope Survey of the Native Plant Collection, Connecticut College Arboretum. Connecticut College Bulletin No. 38.
- Largay, Erin. 1999. The impact of the Hemlock Woolly Adelgid on the Bolleswood Natural Area forest of the Connecticut College Arboretum, 1989-1999. IS.
- Lepore, S. 1974. Algae in the Arboretum pond. CR.
- Lewis, Carl. 1995. Development of an interactive herbarium database and its integration into global information systems. HT.
- Loutrel, E. D. 1967. Determination of the age and life history of mountain laurel in the Connecticut Arboretum Natural Area. UT.
- Logan, R. F. 1958. Notes on the nesting of some Connecticut quail. Connecticut Arboretum Bulletin No. 10: 23-24.
- Macklin, J. 1973. Stones, bones and behavior: The natural history of an archaeological dig. Thames Science Center, Naturalist Notebook 9(2):1-4.
- Macmillan, A. 1978. The changes in vegetation of the Connecticut College Arboretum bog from 1953-1977. IS.
- Manthorne, A. E. 1979. Six study sites in the Connecticut Arboretum: A comparison and trends. IS.
- Manwell, S. C. 1963. The flora of vascular plants of the Connecticut Arboretum. (UT), pp. 42. Data published in Conn Arboretum Bull. 15.
- Manwell, S. C., R. H. Goodwin, and W. A. Niering. 1965. The vascular plants of the Connecticut Arboretum. Connecticut Arboretum Bull. 15:17-53.
- Marcus, Ilene. 1991 Matthies Tract Burn Study. IS.
- Markow, Joseph. 1993. Distribution of color morphs of red-backed salamanders, *Plethodon cinereus*, in the Connecticut College Arboretum. IS

- Markow, Joseph. 1995. Competition among three species of woodland salamanders. Honors Thesis, Zoology Department, Connecticut College.
- Masciale, M. E. 1981. Trends in vegetation development: Studies in the Connecticut Arboretum. CR.
- McCarthy, C. M. 1975. Prescribed burning in the Avery Tract of the Connecticut Arboretum. CR.
- McCullough, Andrew. 2004. Relationship between forest age and the abundance of the redback salamander, *Plethodon cinereus*. IS.
- McDonnell, M. J. 1973. A technique for measuring temperatures at the cambium during a prescribed burn. IS.
1974. The possible role of allelopathy as a stabilizing factor in *Gaylussacia baccata* clones. R.
- McGlathery, K. J. 1981. Old field biotic development in the Connecticut Arboretum. IS.
- Meehan, C. A. 1977. A study of vegetative dynamics in the Connecticut Arboretum. CR, pp. 32.
- Mercaldo, R. 1984. The effects of prescribed burning on insect and small mammal populations. IS, pp. 20.
- Mercaldo, R., and B. Hoskins. 1984. Effect of prescribed burning of old fields on small mammal and invertebrate populations. IS, pp. 23.
- Michael, L. 2008. Stonewalls: A stacked history of land use and ownership in the Connecticut College Arboretum. (IS)
- Morton, S., J. Graham, and G. Biddle. 1976. Summary of documentary research: Bolles Farm, Connecticut College Archaeological Site 2. (CR).
- Newman, B. 1980. The vegetation and its development in the Connecticut College Arboretum, New London, Connecticut. CR, pp. 27.
- Newman, S. 1973. Land level as it affects salt marsh vegetation. (IS), pp. 6 +.
- Niering, W. A. 1955a. Long-range studies in the natural area. Connecticut Arboretum Bull. 8: 11- 13.
- 1955b. Research projects on herbicides: practical applications of interest to property owners, sportsmen, foresters, and public utilities. Connecticut Arboretum Bull. 8:14-17.
- 1955c. Herbicide research at the Connecticut Arboretum. Northeast. Weed Control Conference Proc. 9:459-462.
- 1956a. The Connecticut Arboretum: ecological and herbicide research. Connecticut Arboretum Bull. 9:9-14.
- 1956b. Chemical control of woody species: a summary. Northeast. Weed Control Conference Proc. 10:212-221.
1957. The Connecticut Arboretum right-of-way demonstration area progress report. Northeast. Weed Control Conference Proc. 11:203-208.
- 1958a. Breeding bird studies in Connecticut Arboretum Natural Area. Connecticut Arboretum Bull. 10:14-22.

- 1958b. Principles of sound right-of-way management. *Economic Botany* 12:140-144.
- 1961a. Tidal marshes: their use in scientific research. *Connecticut Arboretum Bull.* 12:3-7.
- 1961b. Natural landscaping with herbicides. Northeast. Weed Control Conference Proc. 15:438-439.
- 1961c. The Connecticut Arboretum right-of-way demonstration area: its role in commercial application. Northeast. Weed Control Conference Proc. 15:424-433.
1967. Connecticut's rights-of-way: their conservation values. *Connecticut Woodlands* 32:6-9.
1968. The effects of pesticides. *BioScience* 18:869-875.
1969. Pesticides in suburbia. In: *Current Topics in Plant Science*. Academic Press, New York. pp. 403-419.
1975. Naturalistic landscaping in the Connecticut Arboretum. *Connecticut Arboretum Bull.* 21:12-15.
- 1978a. Right-of-way vegetation management: an evaluation of techniques and alternatives. Symposium on the Use of Herbicides in Forestry, U.S. Dept. Agric. pp. 171-185.
- 1978b. The role of fire management in altering ecosystems. In: *Fire Regimes and Ecosystem Properties*. Proc. of Conf., Honolulu, Hawaii. U.S.D.A. Forest Service Gen. Tech. Report W0-26. pp. 489-510.
1983. Right-of-way management--the ecologically sound application of herbicides and alternative management strategies. Proc. Tree Wardens, Arborists and Utilities Conf., March 15-17, 1983, Chicopee MA. pp. 30-34.
1987. Vegetation dynamics (succession and climax) in relation of plant community management. *Conservation Biology* 1(4):287-295.
1992. The New England Forests: Prospects for restoration in one of the areas of earliest contact. *Restoration & Management Notes* 10 (1):24-28.
1998. Forces that Shaped the Forests of the Northeastern United States. Proceedings of a Symposium on the Recovery and Future of the Northeastern Forest, Connecticut College, April 12, 1997. *Northeastern Naturalist* 5(2): 99-110.
1999. Meadow gardens for the Northeast. Pgs. 53-58, In: S. Daniels (ed.). *Easy Lawns: Low Maintenance Native Grasses for Gardeners Everywhere*. Brooklyn Botanic Garden, Brooklyn, New York.
- Niering, W. A., and G. D. Dreyer. 1988. Prairies and prairie restoration in the East. *Restoration & Management Notes* 5(2):83.
1989. Effects of prescribed burning on *Andropogon scoparius* in post- agricultural grasslands in Connecticut. *Am. Midland Naturalist* 122(1):88-102.
- Niering, W. A., G. D. Dreyer, F. E. Egler, and J. P. Anderson, Jr. 1986. Stability of a *Viburnum lentago* shrub community after 30 years. *Bull. Torrey Botanical Club* 113(1):23-27.
- Niering, W. A., and R. H. Goodwin. 1959. The management of the roadside by selective herbicide techniques. *Northeast Weed Control Conference Proc.* 13:530-532.

1962. Ecological studies in the Connecticut Arboretum natural area. I. Introduction and a survey of vegetation types. *Ecology* 43(1):41-54.
1963. Creating new landscapes with herbicides: A homeowner's guide. *Connecticut Arboretum Bull.* 14:1-30.
1965. The vegetation of the Connecticut Arboretum. *Connecticut Arboretum Bull.* 15:4-16.
1973. Inland Wetland Plants of Connecticut. *Connecticut College Arboretum Bulletin No.* 19.
1974. Creation of relatively stable shrublands with herbicides: arresting "succession" on rights-of-way and pastureland. *Ecology* 55(4):784-795. (reproduced in: *Down to Earth* 31(3):26-32, 1975.)
- (eds.) 1975. Energy Conservation on the home grounds: the role of naturalistic landscaping. *Connecticut College Arboretum Bulletin No.* 21. pp. 27.
1975. Naturalistic landscaping and energy conservation. *Brooklyn Botanic Garden Record, Plants & Gardens* 31(2): 24-28.
- Niering, W. A., R. H. Goodwin, and S. L. Taylor. 1970. Prescribed burning in southern New England: Introduction to long-range studies. *Ann. Tall Timbers Fire Ecology Conf., Proc.* August 20-21, 1970: 267-286.
- Niering, W. A., R. H. Goodwin, and P.H.R. Waldron. 1959. 23rd Breeding bird census: 33. Oak-hemlock forest and semi-open fields and shrubland. *Audubon Field Notes* 13(6):476-477.
- Niering, W. A., N. C. Olmstead, S. L. Taylor, and R. S. Warren. 1974. Effects of mycelial residues on natural vegetation, ornamental shrubs and vegetable crops in the Connecticut Arboretum. Report to Pfizer Inc. (R).
- Niering, W. A., S. L. Taylor, and M. J. McDonnell. 1977. Effects of prescribed burning on oak forests and grasslands in the Connecticut Arboretum. *Botanical Society Am. Misc. Ser. Pub.* 154:27.
- Niering, W. A., S. L. Taylor, R. S. Warren, and N. C. Olmstead. 1976. Effects of mycelial residues on natural vegetation and ornamental shrubs in the Connecticut Arboretum. Report to Pfizer Inc. (R).
1981. The role of mycelial residues in old field vegetation development. *Connecticut Arboretum Bull.* 26:8-17.
- Niering, W. A., and R. S. Warren. 1975. Tidal marshes of Connecticut: Vegetation and associated animal populations. Vol. 1, 1974. Vegetation and micro-relief. Vol. 2, Parts I to IV, 1975. Connecticut Dept. Environmental Protection.
1980. Salt Marsh Plants of Connecticut. *Connecticut Arboretum Bulletin No.* 25. pp. 33.
- Niering, W. A., R. S. Warren, and C. G. Weymouth. 1977. Our dynamic tidal marshes: vegetation changes as revealed by peat analysis. *Connecticut Arboretum Bull.* 22:1-12.
- O'Brien, M. 1983. The effect of the Mute Swan (*Cygnus olor*) on a native duck population. (CR).
- O'Brien, M. and R. A. Askins. 1985. The effects of Mute Swans on native waterfowl. *Connecticut Warbler* 5(3):27-31.

- Olmstead, N. C. and P. E. Fell. 1974. Tidal marsh invertebrates of Connecticut. Connecticut College Arboretum Bulletin No. 20.
- Pellegrino, P. E., and A. T. Carroll. 1974. The distribution of invertebrates in Connecticut salt marshes. In Tidal Wetlands of Connecticut: Vegetation and Associated Animal Populations. Vol. I. Connecticut Dept. Environ. Protection, in coop. with Bur. Sports Fisheries and Wildlife, U.S. Dept. Int.
- Pfanner, K. 1974. Old field ecosystem. (CR).
- Philbrick, M. J. 1982. Changes in the bird community in a mature oak-hemlock forest in the Connecticut Arboretum. (CR).
1982. Vigilance and foraging efficiency of birds in mixed species flocks. (CR).
1985. Effect of vegetation structure on the composition of forest bird communities. (IS).
- Pierce, B. A., and J. M. Harvey. 1987. Geographic variation in acid tolerance of Connecticut wood frogs. *Copeia* 1987 (1):94-103.
- Pierce, B. A., J. B. Hoskins, and E. Epstein. 1984. Acid tolerance in Connecticut wood frogs (*Rana sylvatica*). *Jour. Herpetology* 18(2):159-162.
- Pierce, B., and J. R. Shayevitz. 1982. Within and among population variation in spot number of *Ambystoma maculatum*. *Jour. Herpetology* 16(4):404-405.
- Pitt, W. C. 1989. Prey-capture of sheet-web spiders in the Connecticut College Arboretum. (CR)
- Platz, Barbara. 1962. Preliminary checklist of vascular plants found in the State Wildlife Sanctuary, New London, Connecticut. (R).
- Program in Human Ecology. 1981. The urban setting: Man's need for open space. Proceedings of a Symposium at Connecticut College, New London, CT, March 28-29, 1980. Published by Program in Human Ecology, Connecticut College. pp. 30.
1983. Landscape and the Environment: Patterns for the future. Proceedings of a Symposium at Connecticut College, New London, CT, April 2-3, 1982. Published by Program in Human Ecology, Connecticut College. pp. 30.
1984. Environmental preference and landscape management. Proceeding of a Symposium at Connecticut College, New London, CT, October 21-22, 1983. Published by Program in Human Ecology, Connecticut College. pp. 22.
- Rayfield, S., E. Haines, and W. A. Niering. 1961. 25th breeding bird census. 29. Oak-hemlock forest and semi-open fields and shrubland. *Audubon Field Notes* 15:517-518.
- Ricard, R. M. and G. D. Dreyer. 2005. Greening Connecticut cities and towns: managing public trees and community forests. College of Natural Resources, University of Connecticut, Storrs, CT.
- Rice, B. 1954. Rock succession in the Connecticut Arboretum Natural Area (Eastern Section). (UT).
- Roberts, D. T. 1975. Study of peat, plant and soil solution iron in six Connecticut salt marshes for *Spartina patens*, *Juncus gerardi*, *Distichlis spicata*, and *Spartina alterniflora*, short and tall. (IS)

1976. The effects of nitrogen and iron enrichments on *Spartina alterniflora* in two Connecticut tidal marshes. (MA).
- Robinson, J. T. 1980. Check list of woody plants in the Connecticut Arboretum collection. (R).
1981. *Sarracenia purpurea* L. forma *heterophylla* (Eaton) Fernald: New to New England. *Rhodora* 83(833):156-157.
- Rolland, A. 1977a. A population study of the painted turtle, *Chrysemys picta*, in the Connecticut Arboretum. (IS).
- 1977b. Painted turtle: shy sun-bather of the Arboretum Pond. *Connecticut College Alumni Mag.* 54(3):14-15, 28.
- Rosenbaum, K., and D. Knox. 1976. Oral history: the Bolles' Farm. CR, pp. 8.
- Rowe, H. 1974. Lichens as indicators of air pollution levels. (IS).
- Saunders, Milan. 2013. The affect of the decrease in *Tsuga canadensis* on tree basal area in the Bolleswood Natural Area. (IS)
- Schwartz, J. J. 1974. Vegetation changes in the Connecticut Arboretum bog. (IS).
- Shearin, A.E. 1964. Soil survey along the permanent transects in the southern section of the Bolleswood Natural Area. (R). Information incorporated into the transect database.
- Shelburn, J. 1973. Matthies Tract: old field development. (CR).
- Siewers, K. 1977. Naturalistic landscaping in the Connecticut Arboretum: A demonstration and practical application of selective herbicide treatment. (IS), pp. 23.
- Sinicrope, T. L., P. G. Hine, R. S. Warren, and W. A. Niering. 1990. Restoration of an impounded salt marsh in New England. *Estuaries* 13(1):25-30.
- Small, Melanie J. 2003. Forest community changes following hemlock woolly adelgid infestation in Southern New England. (HT).
- Small, M. J., Small C. J. and G. D. Dreyer. 2005. Changes in hemlock-dominated forests following woolly adelgid infestation in southern New England. *Journal Torrey Botanical Society* 132(3):458-471.
- Smultea, M. A. 1984. A population study of *Microtus pennsylvanicus* and *Peromyscus leucopus* in an old-field habitat. (CR).
- Stark, J. M. 1983. Size related differences in foraging behavior of bumblebees. (IS).
- Stark, W. 1982. The analysis of seeds recovered through flotation at the Mamacoke Cove prehistoric site. (IS).
- Sutphen, E. E. 1988. Three decades of in situ vegetation change on a post-agricultural site in the Connecticut Arboretum at Connecticut College. (IS).
- Syz, S. B. 1972. 36th Breeding bird census. 40. Oak-hemlock forest and semi-open fields and shrubland. *Am. Birds* 26:962-965.
- Tabachnick, J. 1977. Vegetation development in the abandoned fields of the Bolleswood Natural Area of the Connecticut Arboretum. (IS).

- Taylor, S. L. Garden guide to woody plants. A plant handbook: selection and care of woody plants. 1981. The effect of mycelial residues on selected woody plants. Connecticut Arboretum Bull. 26:29-30.
1983. Landscape and the human environment. In Landscape and the Environment: Patterns for the future. Symposium sponsored by Program in Human Ecology, Connecticut College, 1982. pp. 14-18.
1995. Getting into the habit(at). American Nurseryman. Sept. 15, 1995: 42-46
- Taylor, S. L. and G. D. Dreyer. 1988. Techniques to control vegetation. The Public Garden 3(2):20-22.
1994. The Lillian Dauby Gries Conifer Collection. The American Conifer Society Bulletin 11(4): 119-124.
- Taylor, S. L., G. D. Dreyer, and W. A. Niering. 1987. Native shrubs for landscaping. Connecticut Arboretum Bull. 30.
- Taylor, S. L., W. A. Niering, and L. Bandazian. 1976. The effect of fermentation residues on the growth of agricultural crops and woody plants. Pfizer Research Farm, Stonington, Connecticut. Report to Pfizer Inc. (R).
- Thompson, B. 1970. Preserving our freshwater wetlands. Connecticut Arboretum Bulletin No. 17.
- Thompson, C. 1998. Medicinal uses of Arboretum plants in the Pinaceae, Fagaceae and Aceraceae families. (CR).
2001. Tracing the roots of Native American medicine.(HT) Anthropology Department.
- Thompson, L. 1980. A study of vegetation patterns. (CR).
- Tucker, L. 1978. Vegetation studies of the Connecticut Arboretum bog. (IS).
- Tweedie, S. 1976. The relationship of mountain laurel to the distribution of windthrows on Mamacoke Island. (CR).
- Van Patten, M. 2006. Seaweeds of Long Island Sound. Arboretum Bulletin No. 39.
- Veitch, B. 1967. Ecological study of the Avery Cove Marsh, Connecticut Arboretum. (IS).
- Wardwell, Stephens, Hoffman, Phillips, Bhattarai, and Nelson. 1999. Restoration of an ephemeral channel in the northeastern corner of the Connecticut College Campus in New London, CT. (CR).
- Warga, P. 1969. Trends in old field to forest development. (HT).
- Warren, R. S., J. Barrett and M. Van Patten. 2009. Salt Marsh Plants of Long Island Sound. Connecticut College Arboretum Bulletin No. 40 and Connecticut Sea Grant Publication. Revised second edition published in 2015.
- Warren, R. S. and W. A. Niering. 1973. Soil moisture studies in relation to prescribed burning of old fields and forest. Ecological Society Am. Bull. 54(1):23.
- Weinberg, A. S. 2004. Geomorphological response to hydraulic processes: a study of erosion in the Connecticut College Arboretum. (HT).

- Whitney, M. 1959. Small mammal population data, Bolleswood Natural Area, 1957-1959. (R).
- Wilson, J. 1976. Vegetation studies at selected sites in the Connecticut Arboretum. (CR).
- Wheeler, L. 1986. Removal of various species of fruits by avian dispersers. (CR), pp 17 +. 1987.
Oriental bittersweet: avian dispersal during the winter in relation to other species of fruiting plants. IS, pp. 14 +.
- Woodman, T. 1974. A brief look at a salt marsh on Mamacoke Island. (CR), pp 14.