Factors Determining the Role of Loblolly Pine and Swee in the Piedmont of North Carolina

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Citation Report

#	Article	IF	CITATIONS
1	Oak Seedling Ecology Determining Segregation of Species in Piedmont Oakâ€Hickory Forests. Ecological Monographs, 1954, 24, 297-320.	5.4	73
2	The Spider Population of the Abstract Broomsedge Community of the Southeastern Piedmond. Ecology, 1955, 36, 658-666.	3.2	15
3	Growth of Hardwoods After Clear-Cutting Loblolly Pine. Ecology, 1956, 37, 735-742.	3.2	1
4	Drought resistance in woody plants. Botanical Review, The, 1956, 22, 241-289.	3.9	23
5	Percentage Light Readings, Their Intensity-Duration Aspects, and Their Significance in Estimating Photosynthesis. Ecology, 1956, 37, 473-476.	3.2	13
6	Factors affecting growith and distribution of kauri (Agathis australis Salisb.) I. Effect of light on the establishment of Kaura and of Phyllocladus trichomanoides D.Don. Australian Journal of Botany, 1959, 7, 252.	0.6	20
7	Die AbhÄngigkeit der KohlensÄureassimilation junger LÄnchen, Fichten und Zirben von der Luft- und Bodenfeuchte. Planta, 1963, 60, 70-94.	3.2	26
8	The Adaptability to Light Intensity of Seedlings of Quercus Petraea (Matt.) Liebl Journal of Ecology, 1964, 52, 545.	4.0	108
9	Structure and Function of an Oldâ€Field Broomsedge Community. Ecological Monographs, 1965, 35, 113-137.	5.4	117
10	Food relations of woody plants. Botanical Review, The, 1966, 32, 293-382.	3.9	230
11	Slow Accumulation and Transfer and Radiostrontium by Young Loblolly Pines (pinus Taeda L.). Ecology, 1970, 51, 204-216.	3.2	4
12	LIME CHLOROSIS AS A FACTOR IN SEEDLING ESTABLISHMENT ON CALCAREOUS SOILS. II. THE DEVELOPMENT OF LEAF WATER DEFICITS IN PLANTS SHOWING LIME-CHLOROSIS. New Phytologist, 1970, 69, 143-157.	7.3	27
13	Forest Regeneration on Two Old Fields in Southwestern Illinois. American Midland Naturalist, 1970, 84, 90.	0.4	1
14	Physiological Response to Moisture Stress as a Factor in Halophyte Distribution. American Midland Naturalist, 1973, 90, 307.	0.4	11
15	Plant Species Diversity in Old-Field Succession on the Georgia Piedmont. Ecology, 1974, 55, 1075-1085.	3.2	70
16	Photosynthesis at low water potentials. Philosophical Transactions of the Royal Society of London Series B, Biological Sciences, 1976, 273, 501-512.	2.3	113
17	Correlated photosynthetic responses and habitat factors of two successional tree species. Oecologia, 1976, 23, 63-74.	2.0	16
18	Physiological ecology of Juniperus virginiana in oldfields. Oecologia, 1976, 23, 75-82.	2.0	49

#	Article	IF	CITATIONS
20	The Physiological Ecology of Plant Succession. Annual Review of Ecology, Evolution, and Systematics, 1979, 10, 351-371.	6.7	1,037
21	DISPLACEMENT OF ANDROPOGON SCOPARIUS ON THE NEW JERSEY PIEDMONT BY THE SUCCESSIONAL SHRUB MYRICA PENSYLVANICA. American Journal of Botany, 1982, 69, 680-689.	1.7	31
22	Forest succession. Nature, 1984, 312, 109-114.	27.8	345
23	Effects of CO2 enrichment and water stress on gas exchange of Liquidambar styraciflua and Pinus taeda seedlings grown under different irradiance levels. Oecologia, 1985, 65, 166-172.	2.0	123
24	Photosynthetic and growth responses to different light regimes of the major canopy species of Tasmanian cool temperate rainforest. Austral Ecology, 1985, 10, 327-334.	1.5	36
25	BERTRAM WHITTIER WELLS (1884–1978): A STUDY IN THE HISTORY OF NORTH AMERICAN PLANT ECOLOGY. American Journal of Botany, 1986, 73, 1058-1078.	1.7	O
26	Light Requirements of Acacia smallii and Celtis laevigata in Relation to Secondary Succession on Floodplains of South Texas. American Midland Naturalist, 1986, 115, 118.	0.4	28
27	Vegetational Variation Among Old Fields in Piedmont North Carolina. Bulletin of the Torrey Botanical Club, 1986, 113, 413.	0.6	10
28	Competition and Tree Death. BioScience, 1987, 37, 586-595.	4.9	345
29	Models, mechanisms and pathways of succession. Botanical Review, The, 1987, 53, 335-371.	3.9	545
30	CHANGES IN LEAF CHARACTERISTICS OF SPECIES ALONG ELEVATIONAL GRADIENTS IN THE WASATCH FRONT, UTAH. American Journal of Botany, 1988, 75, 680-689.	1.7	60
31	Photosynthetic reinvigoration of leaves following shoot decapitation and accelerated growth of coppice shoots. Physiologia Plantarum, 1989, 75, 157-165.	5.2	74
32	Forest Regeneration on Abandoned Agricultural Fields in Western Tennessee. Southeastern Geographer, 1990, 30, 36-47.	0.2	5
33	Plant–Plant Interactions in Successional Environments. , 1990, , 239-263.		28
35	Experiments on Mechanisms of Tree Establishment in Old-Field Succession: Seedling Survival and Growth. Ecology, 1991, 72, 1076-1088.	3.2	204
36	Tree and Shrub Seedling Colonization of Old Fields in Central New York. Ecological Monographs, 1991, 61, 183-205.	5.4	235
37	Determinants of Plant Distribution: Evidence from Pine Invasions. American Naturalist, 1991, 137, 639-668.	2.1	496
38	Mechanisms of Benthic Algal Succession in Lotic Environments. Ecology, 1991, 72, 1835-1848.	3.2	124

#	ARTICLE	IF	CITATIONS
39	Experiments on Mechanisms of Tree Establishment in Old-Field Succession: Seedling Emergence. Ecology, 1991, 72, 1066-1075.	3.2	188
40	Effects of below- and aboveground competition from the vines Lonicera japonica and Parthenocissus quinquefolia on the growth of the tree host Liquidambar styraciflua. Oecologia, 1993, 93, 48-54.	2.0	112
41	Tree invasion and establishment in old fields at Hutcheson Memorial Forest. Botanical Review, The, 1993, 59, 251-272.	3.9	115
42	Colonization Dynamics of Four Exotic Plants in a Northern Piedmont Natural Area. Bulletin of the Torrey Botanical Club, 1994, 121, 107.	0.6	68
43	Limited Invasion and Reproduction of Loblolly Pines in a Large South Carolina Old Field. Oikos, 1994, 69, 21.	2.7	14
44	Factors Affecting Limited Reproduction by Loblolly Pine in a Large Old Field. Bulletin of the Torrey Botanical Club, 1995, 122, 306.	0.6	7
45	Routine of seasons: Labour regimes and social ritual in an antebellum plantation community. Slavery and Abolition, 1995, 16, 161-187.	0.3	2
46	A Comparative Study of Tree Establishment in Abandoned Pasture and Mature Forest of Eastern Amazonia. Oikos, 1996, 76, 25.	2.7	295
47	ECOLOGY: A Personal History. Annual Review of Environment and Resources, 1996, 21, 1-29.	1.2	27
48	Isoprene emission, photosynthesis, and growth in sweetgum (Liquidambar styraciflua) seedlings exposed to short- and long-term drying cycles. Tree Physiology, 1996, 16, 441-446.	3.1	84
49	EFFECTS OF RODENTS ON SURVIVAL OF TREE SEEDS AND SEEDLINGS INVADING OLD FIELDS. Ecology, 1997, 78, 1531-1542.	3.2	263
50	Restoration of a Sri Lankan Rainforest: Using Caribbean Pine Pinus caribaea as a Nurse for Establishing Late-Successional Tree Species. Journal of Applied Ecology, 1997, 34, 915.	4.0	145
51	EXPERIMENTAL ECOLOGY OF FOOD WEBS: COMPLEX SYSTEMS IN TEMPORARY PONDS. Ecology, 1997, 78, 2279-2302.	3.2	337
52	Current and Presettlement Tree Species Composition of Some Upland Forests in Northern Mississippi. Journal of the Torrey Botanical Society, 2001, 128, 332.	0.3	45
53	Restoration of natural broad-leaved woodland in Central Europe on sites with coniferous forest plantations. Forest Ecology and Management, 2002, 167, 27-42.	3.2	211
54	Regeneration of Monodominant Stands of Banj Oak (Quercus leucotrichophora A. Camus) on Abandoned Terraces in the Central Himalayas. Journal of Sustainable Forestry, 2003, 17, 75-90.	1.4	8
56	Regeneration of Big-Leaf Mahogany in Closed and Logged Forests of Southeastern Par \tilde{A}_i , Brazil. , 2003, , 193-208.		9
57	FOREST EDGES AND TREE GROWTH RATES IN THE NORTH CAROLINA PIEDMONT. Ecology, 2004, 85, 2258-2266.	3.2	72

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58	Persistent stimulation of photosynthesis by elevated CO 2 in a sweetgum (Liquidambar styraciflua) forest stand. New Phytologist, 2004, 162, 343-354.	7.3	68
59	Stand development and production dynamics of loblolly pine under a range of cultural treatments in north-central Florida USA. Forest Ecology and Management, 2004, 192, 39-58.	3.2	68
60	Accumulation and localization of aluminium in root tips of loblolly pine seedlings and the associated ectomycorrhiza Pisolithus tinctorius. Plant, Cell and Environment, 2005, 28, 111-120.	5.7	27
61	Monitoring succession from space: A case study from the North Carolina Piedmont. Applied Vegetation Science, 2007, 10, 193-203.	1.9	8
62	Photosynthesis and Water Use Efficiency of <i>Platycladus Orientalis</i> and <i>Robinia Pseudoacacia</i> Saplings under Steady Soil Water Stress during Different Stages of Their Annual Growth Period. Journal of Integrative Plant Biology, 2007, 49, 1470-1477.	8.5	12
63	Changes in forest structure, species diversity and spatial pattern following hurricane disturbance in a Piedmont North Carolina forest, USA. Journal of Plant Ecology, 2008, 1, 43-57.	2.3	73
64	Biogeographic synthesis of secondary succession rates in eastern North America. Journal of Biogeography, 2010, 37, 1584-1596.	3.0	34
65	Mechanisms of age-related changes in forest production: the influence of physiological and successional changes. Global Change Biology, 2011, 17, 1522-1535.	9.5	87
66	An historical perspective on forest succession and its relevance to ecosystem restoration and conservation practice in North America. Forest Ecology and Management, 2014, 330, 312-322.	3.2	56
67	Restoration of rain forest beneath pine plantations: A relay floristic model with special application to tropical South Asia. Forest Ecology and Management, 2014, 329, 351-359.	3.2	48
68	Girdling by the Hispid Cotton Rat as a Significant Source of Mortality in a Loblolly Pine (Pinus taeda) Successional Forest. American Midland Naturalist, 2015, 174, 74-86.	0.4	0
69	Vegetation Dynamics., 0,, 376-399.		0
70	Matrix context and patch quality jointly determine diversity in a landscapeâ€scale experiment. Oikos, 2017, 126, 874-887.	2.7	10
71	Partial harvesting effects on seedling growth and physiology of three hardwood species in mature pine (Pinusspp., Pinaceae)-hardwood mixtures1. Journal of the Torrey Botanical Society, 2018, 145, 237-249.	0.3	2
72	Secondary invasion reâ€redefined: The distinction between invaderâ€facilitated and invaderâ€contingent invasions as subclasses of secondary invasion. Ecology and Evolution, 2018, 8, 5185-5187.	1.9	5
73	The tortoise and the hare: A race between native tree species and the invasive Chinese tallow. Forest Ecology and Management, 2019, 445, 110-121.	3.2	7
74	Physiological response of mid-canopy sweetgum trees to overstory loblolly pine mortality. Trees - Structure and Function, 2019, 33, 139-151.	1.9	3
75	Hurricane disturbances, tree diversity, and succession in North Carolina Piedmont forests, USA. Journal of Forestry Research, 2019, 30, 219-231.	3.6	23

#	ARTICLE	IF	CITATIONS
76	Frequently burned loblolly–shortleaf pine forest in the southeastern United States lacks the stability of longleaf pine forest. Ecosphere, 2020, 11, e03055.	2.2	11
77	Introduction to Fire Ecology Across USA Forested Ecosystems: Past, Present, and Future. Managing Forest Ecosystems, 2021, , 1-30.	0.9	2
78	WATER DEFICITS AND PHOTOSYNTHESIS. , 1976, , 153-190.		92
79	Studies on the Status of Unburnt Eucalyptus Woodland at Ocean Grove, Victoria. V. The Interactive Effects of Droughting and Shading on Seedlings Under Competition Australian Journal of Botany, 1979, 27, 285.	0.6	15
80	Fertilization Response of Early and Late Successional Species: Acacia smallii and Celtis laevigata. Botanical Gazette, 1985, 146, 564-569.	0.6	16
81	Ã-kologie. , 1954, , 241-257.		0
83	Agroforestry Systems as Successional Analogs to Native Forests. , 1999, , .		1
84	1975 to 1989: The International Biological Program (Concluded), the Long Term Ecological Research (LTER) Network, Ecosystems, Professional Certication, and Gender., 2015, , 126-153.		0
85	ESA History: Conclusions., 2015,, 222-223.		0
86	Vegetation dynamics., 0,, 326-346.		0
87	Functional trait-based potential invasiveness of exotic submerged macrophytes and their effects on sediment bacterial community. Hydrobiologia, 2022, 849, 3061-3077.	2.0	3
88	Revisiting the model system for forest succession: Eighty years of resampling Piedmont forests reveals need for an improved suite of indicators of successional change. Ecological Indicators, 2023, 154, 110679.	6.3	0
89	Early silvicultural intervention affects species dominance in efforts to restore pine-hardwood mixedwoods following stand-replacing disturbance. Forest Ecology and Management, 2024, 553, 121650.	3.2	0