

1. Recovery of a Southern Michigan Trout Stream. by W.F.Morofsky, P.I.Tack, and W.A. Lemmien, August 1949. Michigan Agricultural Experiment Station Quarterly Bulletin 32: 59-63.
2. The Survival and Growth of Hybrid Poplars in Four Michigan Test Areas. by Leslie Gysel. August 1949. Michigan Agricultural Experiment Station Quarterly Bulletin. 32 (1) 156-165.
3. A Spacing Study of Red Pine in Michigan. by Walter Lemmien. February 1950. Michigan Agricultural Experiment Station Quarterly Bulletin. 32: 360-363.
4. Growth of a Mixed Red and White Plantation in the Kellogg Forest. by Victor J. Rudolph and Walter Lemmien. February 1955. Michigan Agricultural Experiment Station Quarterly Bulletin. 37: 412-419.
5. The Growth and Wildlife Use of Planted Shrubs and Trees at the W.K.Kellogg Multiple Use Forest. by Leslie W. Gysel and Walter Lemmien. August 1955. Michigan Agricultural Experiment Station Quarterly Bulletin. 38:139-145.
6. Pruning Pine Plantations in Michigan. by Robert A. Ralston and Walter Lemmien. Michigan Agricultural Experiment Station Circular Bulletin 221. February 1956. 27pp.
7. Growth of White Pine in Some Pure and Mixed Plantations in Michigan. by Victor J. Rudolph, Walter Lemmien, Maurice W. Day. May 1956. Michigan Agricultural Experiment Station Quarterly Bulletin. 38: 538-546.
8. Chemical Control of the European Pine Shoot Moth in Southwestern Michigan. by Walter F. Morofsky, Gordon E. Guyer, and Walter Lemmien. November 1956. Michigan Agricultural Experiment Station Quarterly Bulletin. 39: 236-240.
9. The Evaluation of Insecticides for Control of the European Pine Shoot Moth Under Spring and Summer Conditions. by Gordon Guyer, W.F. Morofsky, and Walter Lemmien. February 1957. Michigan Agricultural Experiment Station Quarterly Bulletin. 39: 432-437.
10. Recreational Use of the Kellogg Forest. by Walter A. Lemmien and Aelred D. Geis. May 1957. Michigan Agricultural Experiment Station Quarterly Bulletin. 39.: 701-706.
11. Results from Planting Brown Trout and Rainbow Trout in Augusta Creek, Kalamazoo County, Michigan. by Walter A. Lemmien, Peter I. Tack, and Walter Morofsky. November 1957. Michigan Agricultural Experiment Station Quarterly Bulletin. 40: 242-249.
12. Hybrid Danish Willows-Their Early Survival and Growth in Michigan and Northern Wisconsin. by V.J.Rudolph, W.Lemmien, M.W.Day, C.I.Arnold, and M.Baum. December 1957. Journal of Forestry. 55: 887-889.
13. A Test of Combine Varieties of Sunflowers in Wildlife Food Patches. by Leslie W. Gysel and Walter A. Lemmien. May 1958. Michigan Agricultural Experiment Station Quarterly Bulletin. 40: 806-810.
14. Wound Area as Influenced by Closeness of Pruning. by H.G.Herring, V.J.Rudolph, and W.A.Lemmien. March 1958. Journal of Forestry. 56:219-220.
15. Growth of Dominant and Codominant Scotch Pine Crop Trees Following Thinning. by Victor J. Rudolph and Walter A. Lemmien. May 1959. Michigan Agricultural Experiment Station Quarterly Bulletin. 41: 758-761.
16. Growth and Yield of Red Pine in Three Spacings. by Walter A. Lemmien and Victor J. Rudolph. November 1959. Michigan Agricultural Experiment Station Quarterly Bulletin. 42: 421-427.
17. Coniferous Tree Planting Practices for Lower Michigan. by Society of American Foresters, Lower Michigan Chapter. February 1960. 17pp
18. Growing Cottonwood Seedlings. by V.J.Rudolph and W.A.Lemmien. August 1961. Journal of Forestry. 59: 600.
19. Time Studies of Hand and Power Pruning Crop Trees in Plantations. by W.A.Lemmien and V.J.Rudolph. June 1963. Journal of Forestry. 61: 430-433.

20. Geographic Variation in Eastern White Pine--6 year Results. by Jonathan W. Wright, Walter A.Lemmien, and John Bright. May 1963. Michigan Agricultural Experiment Station Quarterly Bulletin. 45: 691-697.
21. Himalayan White Pine in Southern Michigan. by Walter A. Lemmien and Jonathan W. Wright. May 1963. Michigan Agricultural Experiment Station Quarterly Bulletin. 45: 618-621.
22. Geographic Variation in Scotch Pine: Results of a Three-year Michigan Study. by Jonathan W. Wright, and W. Ira Bull. January 1963. *Silvae Genetica* 12 (1): 1-25.
23. Shearing Scotch and Red Pine Christmas trees for Control of the European Pine Shoot Moth. by V.J.Rudolph and W.A.Lemmien. November 1963. Michigan Agricultural Experiment Station Quarterly Bulletin. 46:186-205.
24. An Eight Year Record of Fruit Production. by Leslie W. Gysel and Walter A. Lemmien. January 1964. *Journal of Wildlife Management*. 28: 175-177.
25. *Fomes Annosus* in Southwestern Michigan. by Forrest C. Strong and Walter A. Lemmien. February 1964. *Plant Disease Reporter*. 48: 110.
26. Shearing Scotch and Red Pine Christmas Trees for Control of the European Pine Shoot Moth. by V.J.Rudolph and W.A.Lemmien. May 1964. *American Christmas Tree Growers Journal*. 5: 25-29.
27. Comparison of Two Strains of Douglas-fir for Christmas Tree Production in Southwestern Michigan. by T.D.Stevens, and W.A.Lemmien. August 1964. Michigan Agricultural Experiment Station Quarterly Bulletin. 47: 86-93.
28. Economic and Silvicultural Aspects of Row and Basal Area Thinning Planted Red Pine. by W.A.Lemmien and V.J. Rudolph. October 1964. *Journal of Forestry*. 62: 721-723.
29. Fertilization and Weed Control. by Donald P. White. August 1965. *Cooperative Extension Bulletin* 505. 8pp.
30. Early Flowering Patterns in Scotch Pine. by Jonathan W. Wright, Walter A. Lemmien, John Bright. November 1966. Michigan Agricultural Experiment Station Quarterly Bulletin. 49: 189-199.
31. A Time Study for Plantation Logging. by R.S.Manthy, W.A.Lemmien, L.M.James. February 1967. Michigan Agricultural Experiment Station Quarterly Bulletin. 49: 328-341.
32. English Oak - A Promising Shade and Timber Tree. by Jonathan W. Wright. 1968. *Proceedings of the Sixth Central States Forest Tree Improvement Conference*. pp 29-30.
33. Growth of European Larch in Southern Michigan. by W.A.Lemmien and V.J.Rudolph. May 1968. Michigan Agricultural Experiment Station Quarterly Bulletin. 50: 504-506.
34. Geographic Variation in European Black Pine. by Chen Hui Lee. September 1968. *Silvae Genetica* 17 (5-6) 157-200.
35. Forest Plantings on a Wet Site in Michigan. by W.A.Lemmien, V.J.Rudolph, and J.F.Marzec. March 1969. *Journal of Forestry*. 67: 186-188.
36. Early growth of Ponderosa Pine Ecotypes in Michigan. by Jonathan W. Wright, Walter A. Lemmien, and John Bright. June 1969. *Forest Science* 15: 121-129.
37. Abundant Natural Hybridization Between Austrian and Japanese Red Pines in Southern Michigan. by Jonathan W. Wright, Walter A. Lemmien, and David S. Canavera. September 1969. *Forest Science*. 15: 269-274.
38. A New Hybrid Between Blue Spruce and White Spruce. by J.W.Hanover, and R.C.Wilkinson. 1969. *Canadian Journal of Botany*. 47: 1693-1700. Reprinted from Michigan Agricultural Experiment Station Article #4763.
39. Response of Different European Black Pine Provenances to Nitrogen Fertilization. by Chen Hui Lee. July 1970. *Silvae Genetica* 19 (4) 113-144.

40. Better Douglas-fir for Eastern United States. by J.W.Wright, R.A.Read, F.H.Kung, J.N.Bright, and W.A. Lemmien. August 1970. *American Christmas Tree Growers Journal*. 14: 23-28.
41. The Christmas Tree Possibilities of Southwestern White and Limber Pines. by J.W.Wright, F.H.Kung, R.A.Read, R.J.Steinhoff, J.W.Andresen. November 1970. *American Christmas Tree Journal*. 14 (4): 27-31.
42. Better Douglas-fir Varieties for Michigan. by J.W.Wright, F.H.Fung, J.N.Bright, and W.A.Lemmien. 1970. *Michigan Christmas Tree Growers Journal*. 12: (1): 4-7.
43. Quicker Methods of Establishing Forest Genetic Test Plantations. by J.W.Wright. 1970. *Silvae Genetica* 19(1):1-4.
44. Genetics of Eastern White Pine. by Jonathan W. Wright. 1970. U.S. Forest Service Research Paper. WO-9. 16pp.
45. Genetic Variability in Eastern White Pine from Michigan--6-year Results. by J.W.Wright, W.A.Lemmien, and J.N.Bright. 1970. *Silvae Genetica* 19 (5-6): 146-149.
46. Genetic Variation in Southern Rocky Mountain White Fir. by J.W.Wright, W.A.Lemmien, and J.N.Bright. May 1971. *Silvae Genetica* 20 (5-6): 148-150.
47. Hardwood Plantation Establishment Using Container Grown Stock. by Donald P. White, G.Schneider, and Walter Lemmien. 1971. *Tree Planters Notes*. 21 (2): 20-25.
48. Genetic Variation in Rocky Mountain Douglas-fir. by J.W.Wright, F.H.King, R.A.Read, W.A.Lemmien, and J.N.Bright. 1971. *Silvae Genetica* 20 (3): 54-60.
49. Improving Michigan's White Pine. by P.C.Kuo, J.W.Wright, W.A.Lemmien, J.N.Bright, M.W.Day, R.L.Sajdak, R.E.Skog, and N.Y.Yao. November 1971. Michigan Agricultural Experiment Station Research Report No. 149. 10pp.
50. Nine-year Performance of *Pinus flexilis* and *P.strobiformis* Progenies in Michigan and Nebraska. by J.W.Wright, F.H.Kung, R.A.Read, R.J.Steinhoff, and J.W.Andresen. 1971. *Silvae Genetica* 20 (5-6): 211-213.
51. Genetic Variation in the Monoterpenes of Scotch Pine. by J.J.Tobolski and J.W.Hanover. September 1971. *Forest Science* 17 (39): 293-299.
52. Geographic Variation in Red Pine. by Jonathan W. Wright, R.A.Read, D.T.Lester, C.Merritt, and C.Mohn. 1972. *Silvae Genetica* 21 (6): 205-252.
53. Parallel and Divergent Evolution in Rocky Mountain Trees. by Fan Ho Kung and Jonathan W. Wright. 1972. *Silvae Genetica* 21, 77-85.
54. Genetic Variation Patterns in Michigan's native trees. by Jonathan W. Wright. 1972. *Michigan Academician*. Volume V, (1): 61-69.
55. Statistical Efficiency in Wood Quality Study Based on a Black Pine Plantation. by Chen Hui Lee. 1972. *Silvae Genetica* 21, (6): 249-250.
56. Faster Growing White Pines for Michigan. by J.W.Wright, P.C.Kuo, W.A.Lemmien, J.N.Bright, M.W.Day, R.E.Skog, and R.L.Sajdak. January 1972. *Forestry Information* No. 56 5pp.
57. Genetic Differences in Scotch Pine Resistance to Pine Root Collar Weevil. by J.W.Wright, L.F.Wilson. March 1972. Michigan Agricultural Experiment Station Research Report No. 159. 6pp.
58. Accelerated Growth for Early Testing of Spruce Seedlings. by J.W.Hanover, and D.A.Reicosky. March 1972. *Forest Science* 18 (1): 92-94.
59. Geographic Variation in Japanese Larch in North Central United States Plantations. by D.H.Farnsworth, G.E.Gatherum, J.J.Jokela, H.B.Kriebel, D.T.Lester, C. Merritt, J.J.Pauley, R.A.Read, H.B.Sajdak, and J.W.Wright. August 1972. *Silvae Genetica* 21 (3-4): 139-147.

60. Seven-year Results from Black Cherry and Black Walnut Provenance Tests in Michigan. by Jonathan W. Wright and Walter A. Lemmien 1972. (No journal or publication listed) 10pp.
61. Black Walnut Stand Growth in Southern Michigan. by V.J.Rudolph, W.A.Lemmien, and D.P.White. September 1972. Michigan Agricultural Experiment Station Report No. 171. 11pp.
62. A Four-year Provenance Test of Jack Pine. by David Canavera and Jonathan W. Wright. March 1973. Michigan Agricultural Experiment Station Research Report No. 204. 7pp.
63. Tree Monkey vs. Hand Pruning. by W.A.Lemmien and V.J.Rudolph. April 1973. Michigan Agricultural Experiment Station Research Report No. 205. 8pp.
64. English Oak-A Versatile tree. by J.W.Wright, W.A.Lemmien, J.N.Bright, and G.W.Parmelee. May 1973. Michigan Agricultural Experiment Station Research Report No. 207. 6pp.
65. Regeneration and Growth of Quality Hardwoods on Modified Sites. by D.P.White, G.Schneider, W.A.Lemmien. August 1973. Proceedings of the Fourth North American Forest Soils Conference. pp 397-415.
66. Geographic Variation of Growth and Wood Properties in Eastern White Pine - 15-Year Results. by Chen Hui Lee. August 1973. Proceedings of the 21st Northeastern Forest Tree Improvement Conference. pp 36-41.
67. Tree planting in Michigan. by Melvin Koelling. December 1973. Cooperative Extension Bulletin E-771. 16pp.
68. Intraspecific Variation in Virginia Pine, Results of a Provenance Trial in Maryland, Michigan, and Tennessee. by J.B.Genys, J.W.Wright, and D.C.Forbes. 1974. *Silvae Genetica* 23 (4): 99-104.
69. Douglas-fir Christmas Trees: Variation in frost Susceptibility and Time of Leafing Out in Michigan. by K.C. Steiner, and J.W.Wright. 1974. *Michigan Academician*. Vol. 7, No. 2, pp 185-190.
70. Apparent Freeze Damage to Black Walnut Seedlings Related to Seed Sources and fertilizer treatment. by R.D. Williams, D.T.Funk, R.E.Phares, W.A.Lemmien, and T.E.Russell. 1974. *Tree Planters Notes* Vol.25 No.3 pp 6-8.
71. Scotch Pine for Timber Production in Northwest Lower Michigan. by Walter A. Lemmien and William A. Botti. May 1974. Michigan Agricultural Experiment Station Research Report. No. 230. 4pp.
72. Herbicides for Weed Control in Coniferous Plantations. by Donald P. White. 1975. Proceedings of John S. Wright Forestry Conference, Purdue University. pp 60-68.
73. Geographic Variation of Growth and Wood Properties in Japanese Larch in Southwestern Lower Michigan. by Chen Hui Lee. August 1975. Proceedings of the Twelfth Lake States Forest Tree Improvement Conference. USDA Forest Service General Tech. Report NC-26. pp 35-46.
74. 15-Year Performance of European Black Pine in Provenance Tests in North Central United States. by N.C. Wheeler, H.B. Kriebel, C.H.Lee, R.A.Read, and J.W.Wright. 1976. *Silvae Genetica* 25 (1):1-6.
75. Accelerating Maturity in Picea Seedlings. by Eric Young and James W. Hanover. 1976. *Acta Horticulture*. 56: 105-114.
76. Scotch Pine Varieties for Christmas Tree and Forest Planting in Michigan. by Jonathan W. Wright, W.A. Lemmien, J.N.Bright, M.W.Day, and R.L.Sajdak. February 1976. Michigan Agricultural Experiment Station Research Report No. 293. 16pp.
77. Accelerated-Optimal-Growth: A New Concept in Tree Production. by J.W.Hanover, E.Young, W.A.Lemmien, and M.VanSlooten. October 1976. Michigan Agricultural Experiment Station Research Report No. 317. 16pp.
78. Geographic Variation in *Quercus rubra* in North Central United States Plantations. by H.B.Kriebel, W.T.Bagley, F.J.Deneke, R.W.Funsch, P.Roth, J.J.Jokela, C.Merritt, J.W.Wright, and R.D.Williams. 1976. *Silvae Genetica* 25, pp 118-122.

79. Growing Coniferous Seedlings in Soiless Containers for Field Planting. by G.Schneider, Donald P. White, and Randall Heiligmann. 197-. Tree Planter's Notes. Vol. 21, No. 3 pp 3-7.
80. Growth of Hybrid Austrian x Japanese Red Pine in Michigan. 1976 or 1977? Jonathan Wright, Walter Lemmien, John N. Bright, Greg Kowalewski, and James Tobolski. Manuscript only - can't find published copy.
81. Rapid Growth of Southern Appalachian White Pine in Southern Michigan. by Jonathan W. Wright, Walter A. Lemmien, John N. Bright, and Greg Kowalewski. August 1976. Michigan Agricultural Experiment Station Research Report No. 307, 8pp.
82. Silvicultural Cuttings in an Oak-Hickory Stand in Michigan: 21-year Results. by Victor J. Rudolph and Walter A. Lemmien. October 1976. Proceedings of the Central Hardwood Forest Conference. pp 431-453.
83. Better White Spruce for Michigan. by Jonathan W. Wright, Hans Nienstaedt, Walter A. Lemmien, John N. Bright, Maurice W. Day, and Robert L. Sajdak. January 1977. Michigan Agricultural Experiment Station Research Report No. 316. 8pp.
84. Recommended Species for Christmas Tree Planting. by M.R.Koelling and J.W.Bright. December 1977. MSU Cooperative Extension Bulletin E-1155.
85. Damage to Southern Michigan Conifers During the Winter of 1976-77. by Jonathan W. Wright, Donald DeHayes, and Walter A. Lemmien. August 1977. Proceedings of Lake States Tree Improvement Conference. 12pp.
86. Genetic Improvement of Blue Spruce. by James W. Hanover. July 1978. Pennsylvania Christmas Tree Growers Association Bulletin No. 140. 1pp.
87. Accelerated Growth of Hardwood Seedlings. by J.W.Hanover, B.W.Wood, J.W.Hart, J.C.Brissette, D.I.Dickmann, T.J.Stadt, W.A.Lemmien, and G.Kowalewski. October 1978 (No journal or volume #) 19pp.
88. Genetic Variation of Eastern Cottonwood Planted in Southern Michigan. by Richard P. Kelly, Donald I. Dickmann, Jonathan W. Wright, and W.A.Lemmien. November 1978. Michigan Agricultural Experiment Station Research Report No. 362. 6pp.
89. Life History of the Butternut Curculio, *Conotrachelus Juglondia* (coleoptera: Curculionidae) in Michigan. by Jeffrey A. Corneil and Louis F. Wilson. 1979. The Great Lakes Entomologist. Vol. 14 No. 1, pp 13-15.
90. Susceptibility and Injury of Some Hybrid Walnuts by the Butternut Curculio (Coleoptera: Curculionidae). by Louis F.Wilson, Jeffrey A. Corneil and Walter A. Lemmien. 1979. The Great Lakes Entomologist. Vol. 12 No. 1, pp 17-21.
91. Absence of Growth-Wood Property Correlation in Twenty-Seven Black Pine Seed Sources. by Chen H. Lee. Wood and Fiber, the Society of Wood Science and Technology. Vol 11, No. 1, Spring 1979. pp 22-28.
92. Geographic Variation in Young Red Maple Grown in North Central United States. by A.M.Townsend, J.W. Wright, W.F.Kwolek, W.F.Beineke, D.T.Lester, C.A.Mohn, and A.F.Dodge. 1979. *Silvae Genetica* 28 (1): 33-36.
93. Oleoresin Characteristics of Eastern White Pine Seed Sources and Relationships to Weevil Resistance. by M.R. Bridgen, J.W.Hanover, and R.C.Wilkinson. 1979. *Forest Science* 25 (1): 175-183.
94. Progress in Converting White and Red Pine Progeny Tests to Seed Orchards. by J.W.Wright, W.A.Lemmien, and G.Kowalewski. 1979. Proceedings of the North Central Tree Improvement Conference in Madison, WI. Volume 1 (6-9) 4pp.
95. A Directory of Forest Genetic Plantings in Michigan. by J.W.Hanover, Obinani Okafo, John Brissette, and J.W. Wright. June 1980. Michigan Agricultural Experiment Station Research Report No. 395. 16pp.
96. Response of an Eastern White Pine Provenance Test to Pruning. by J.W.Wright, J.H.Hart, and W.A.Lemmien. 1980. *Forest Science* 26 (4): 606-608.

97. Management of Exotic Timber Trees in Temperate Regions of Eastern North America: An Assessment. by Donald DeHayes, Donald Dickmann, and Walter Lemmien. 1980. Forest Ecology and Management 3 (1980) 31-44.
98. The Potential of "Competition Quotient" as a Guide to Thinning Planted Red Pine. by V.J.Rudolph, M.W.Day, W.A.Lemmen, C.W.Ramm, and J.N.Bright, February 1982. Michigan Agricultural Experiment Research Report No. 434. 8pp.
99. Hybridization Among White, Red, Blue, and White x Blue Spruces. by Bruce C. Bongarten and J.W. Hanover. 1982. Forest Science 28 (1): 129-134.
100. Recommended Tree Seed Sources for Use in Michigan. by Thomas Stadt and James W. Hanover. January 1983. Michigan Agricultural Experiment Station Research Report No. 445. 8pp.
101. Statistical Efficiency Varies with Plot Size, Number of Replications and Seedlots Sampled. by C.H.Lee. 1983. Silvae Genetica 32 (1-2): 49-52.
102. Genetic Variation and Gains of Specific Gravity and Woody Biomass in a Jack Pine Half-Sib Progeny Test in Michigan. by Stephen G. Ernst, Glenn Howe, James W. Hanover, and Daniel E. Keathley. Proceedings of the 3rd North Central Tree Improvement Conference, Wooster, Ohio; August 17-19, 1983. pp 111-122.
103. Species and Genotype Screening for Biomass Production in Michigan: A Summary of Field Performance for 28 Species. by R.O.Miller, J.W.Hanover, and Glenn T. Howe. September 1983. Presentation at the Forest Products Research Society in Nashville, TN 10pp.
104. International Contributions to Michigan's Forest Industries: A Summary of Michigan State University Department of Forestry's Involvement. by Michael A. Gold. November 23, 1983. 50pp.
105. The Effects of Land Cover and Land Use Changes Upon Streamflow in the Augusta Creek Watershed. by James D. Plucinski. November 1983. 58pp.
106. Michigan's International Roots. by H.C.Bittenbender and S.A.Sargent. _____ 19--. A publication of the Institute of International Agriculture, MSU. 18pp.
107. Severity of Endocronartium harknessii in Two Provenance Stands of Pinus ponderosa in Michigan. by C.S. Thomas, J.H.Hart, & C.E.Cress. August 1984. Plant Disease, Vol. 68, No.8. pp 681-683.
108. Thinning Planted Red Pine in Michigan. by Victor Rudolph, Maurice Day, Walter Lemmien, John Bright, and Jan Hacker. September 1984. Michigan Agricultural Experiment Station Research Report. 18pp.
109. Progeny Testing of Native Aspens and Their Hybrids for Biomass Production in Michigan. by Gregory L. Reighard and James Hanover. 1984. Proceedings of the NEFTIC Conference, 1984. 18pp.
110. Accelerating Seedling Growth Through Photoperiod Extension for Genetic Testing: A Case Study with Blue Spruce (*Picea pungens*). by Bruce Bongarten and James W. Hanover. Forest Science, Vol. 31, No. 3. 1985. pp 631-643.
111. Growth Rate Variation in *Quercus rubra* in Three North Central U.S. Provenance Tests by Age 23. by Howard B. Kriebel, Clair Merritt, and Thomas Stadt. August 1985. Presented to the North Central Tree Improvement Conference, East Lansing, Michigan, August 12-14, 1985; to be published in the proceedings of the conference. 3pp.
112. Kellogg Hybrid Pine (*Pinus nigra x P. densiflora*) Breeding for Improved Growth Rate and Adaptability in the Lake States. by Raymond O. Miller and James W. Hanover. August 12-14, 1985. Proceedings of the Fourth North Central Tree Improvement Conference held in East Lansing. pp. 35-43.
113. Provenance Variability in Biomass Production of *Larix laricina* in Michigan. August 1985. Proceedings of the 4th North Central Tree Improvement Central Tree Improvement Conference held in East Lansing, Michigan. pp 92-101.

114. Cavity Availability in Managed and Unmanaged Woodlots in Southwestern Michigan. by Tamar Cooney. _____ 198___. Thesis submitted to Dr. Anne Clark, Kellogg Biological Station for future publication in the Jack Pine Warbler. 35pp.
115. Survival and Growth of Tamarack Seed Sources in Ten NC-99 Tests. by C.A. Mohn, J.W.Hanover, H.Kang, and R.A.Stine. _____ 198_____. Published as Miscellaneous Journal Series. Paper No. 2002 of the University of Minnesota Agricultural Experiment Station. pp 112-123.
116. Comparison of Planting Methods for Nursery and Container-Grown Black Walnut Seedlings. by J.W.Sambeek, Robert D. Williams, and James W. Hanover. Paper presented at the Sixth Central Hardwood Forest Conference, Knoxville, TN, February 24-26, 1987. 7pp.
117. Black Locust: A Superior Short-Rotation Intensive Culture Species for Biomass Production in the Lake States. by Raymond Miller, Paul Bloese, and James Hanover. March 1987. Reprint of a paper presented at the Institute of Gas Technology's Eleventh Annual Meeting on Energy from Biomass and Wastes. March 16, 1987. Orlando, FL 23pp.
118. Genetic Variation and Control of Intraspecific Crossability in Blue and Engelmann Spruce. by S.G.Ernst, J.W.Hanover, and D.E.Keathley. *Silvae Genetica* 37, 3-4. 1988. pp 112-118.
119. Juvenile Performance in a Range-wide Provenance Test of *Fraxinus penn sylvanica Marsh.* by K.C.Steiner, M.W.Williams, D.H.DeHayes, R.B.Hall, R.T.Eckert, W.T.Bagley, W.A.Lemmien, D.R. Karmosky, K.K.Carter, and R.C.Cech. *Silvae Genetica* 37 (3-4). 1988. pp 104-111.
120. Extracts from Black Locust as Wood Preservatives: Extraction of Decay Resistance from Black Locust Heartwood. by Andrew Smith, Charles Campbell, Douglas Walker, and James Hanover. 1989. *Holzforchung* Volume 43, No. 5 pp 293-296.
121. Juvenile Performance of Exotic Larches in Central Wisconsin. by Chen H.Lee and Hans G. Schabel. March 1989. *Northern Journal of Applied Forestry*. Vol. 6, No. 1. pp 31-33.
122. Phenotypic Variation of Sap Sugar Content in *Acer Saccharum* from Wisconsin. By Christy Hauge, Chen H. Lee, and Raymond Guries. Proceedings of the Thirty-first Northeastern Forest Tree Improvement Conference and the Sixth Northcentral Tree Improvement Association. 1989. pp 152-161.
123. Tree Shelters Increase Heights of Planted Oaks in a Michigan clearcut. by Douglas Lantagne, Carl Ramm, and Donald Dickmann. March 1990. *Northern Journal of Applied Forestry*. Volume 7 No. 1. pp. 24-26.
124. Applications and Systems for Greenhouse Production of Trees. by James W. Hanover. 198-. (No journal or publication listed on article) pp 47-51.
125. Genetic improvement of Black Locust: A Prime Agroforestry Species. by James W. Hanover, Tesfai Mebrahtu, and Paul Bloese. August 1989. Paper submitted for inclusion of First Conference on Agroforestry in North America, Guelph, Ontario, Canada. 26 pp.
126. Physiological Genetics of Black Locust (*Robinia pseudoacacia L.*): A Model Multipurpose tree species. by James W. Hanover. 1989 or 1990. (No journal or publication listed on article) 9pp.
127. Attack Densities of *Tomicus piniperda* and *Ips pini* (Coleoptera: Scolytidae) on Scotch Pine Logs in Michigan in Relation to Felling Date. by Robert A. Haack and Robert K. Lawrence. September 1994. *Journal of Entomology Science*. Vol.30, No.1 (1995). pp 18-28.
128. Kin Selection In the Annual Plant *Impatiens capensis*. by John K. Kelly. June 1996. *The Americal Naturalist*. Vol.147, No. 6. pp 899-918.
129. *Entomophaga maigaiga* - A Natural Enemy of Gypsy Moth. by Lyle Buss, Deborah McCullough, and David Smitley. May 1996. MSU Extension Bulletin E-2604. 2pp.
130. Management Prescriptions for the Twolined Chestnut Borer. by Robert A. Haack. March 1985. Proceedings of Challenges in Oak Management and Utilization, Madison, WI. Wisconsin Cooperative Extension Service. 43-54 pp.

131. Considering the Nutritional Ecology of the Spruce Budworm in its Management. by William Mattson, Robert Haack, Robert Lawrence, and Scott Slocum. 1991. *Forest Ecology and Management* 39 (1991) 183-210.
132. Do Balsam Twig Aphids (*Homoptera: Aphididae*) Lower Tree Susceptibility to Spruce Budworm? by William Mattson, Robert Haack, Robert Lawrence and Daniel Herms. January 1989. *The Canadian Entomologist*. pp 93-103.
133. Don't Choke Your Trees! Control Those Weeds. by Donald P. White. June 1962. *Magazine of the American Forestry Association*. 4pp.
134. Managing Red Pine Plantations for Utility Poles. By Donald Dickmann and Melvin Koelling. August 1996. *MSU Extension Bulletin*. 14pp.

ASH

119. Juvenile Performance in a Range-Wide Provenance Test of *Fraxinus pennsylvanica* Marsh. 1988.

ASPEN

109. Progeny Testing of Native Aspens and their Hybrids for Biomass Production in Michigan. 1984.

BLACK CHERRY

60. Seven-year Results from Black Cherry and Black Walnut Provenance Tests in Michigan. 1972.

COTTONWOOD

18. Growing Cottonwood Seedlings. 1961

88. Genetic Variation of Eastern Cottonwood Planted in Southern Michigan. 1978.

FIR, DOUGLAS

27. Comparison of Two Strains of Douglas-Fir for Christmas Tree Production in Southwestern Michigan. 1964.

40. Better Douglas-Fir for Eastern United States. 1970.

42. Better Douglas-Fir for Michigan. 1970.

48. Genetic Variation in Rocky Mountain Douglas-Fir. 1971

53. Parallel and Divergent Evolution in Rocky Mountain Trees. 1972.

FIR, WHITE

46. Genetic Variation in Southern Rocky Mountain White Fir. 1971.

53. Parallel and Divergent Evolution in Rocky Mountain Trees. 1972.

LARCH, EUROPEAN

33. Growth of European Larch in Southern Michigan. 1968.

LARCH, JAPANESE

59. Geographic Variation in Japanese Larch in North Central States Plantations. 1972

73. Geographic Variation of Growth and Wood Properties in Japanese Larch in Southwestern Lower Michigan. 1976.

121. Juvenile Performance of Exotic Larches in Central Wisconsin. 1989.

LOCUST, BLACK

117. Black Locust: A Superior Short-Rotation Intensive Culture Species for Biomass Production in the Lake States. 1987.

120. Extracts from Black Locust as Wood Preservatives: Extraction of Decay Resistance from Black Locust Heartwood. 1989.

121. Juvenile Performance of Exotic Larches in Central Wisconsin. 1989.

125. Genetic Improvement of Black Locust: A Prime Agroforestry Species. 1989.

126. Physiological Genetics of Black Locust (*Robinia pseudoacacia*): A Model Multipurpose Tree Species. 1989 or 1990.

MAPLE, RED

92. Geographic Variation in Young Red Maple Grown in North Central United States. 1979.

MAPLE, SUGAR

122. Phenotypic Variation of Sap Sugar Content in *Acer saccharum* from Wisconsin. 1989.

OAK

82. Silvicultural Cuttings in an Oak-Hickory Stand in Michigan: 21 year Results. 1976.

123. Tree shelters Increase Heights of Planted Oaks in a Michigan Clearcut. 1990.

130. Management Prescriptions for the Two-lined Chestnut Borer. 1985.

OAK, ENGLISH

32. English Oak - A Promising Shade and Timber Tree. 1968.

64. English Oak - A Versatile Tree. 1973.

OAK, RED

78. Geographic Variation in *Quercus rubra* in North Central United States Plantations. 1976.

111. Growth Rate Variation in *Quercus rubra* in Three North Central U.S. Provenance Tests by Age 23. 1985.

PINE

6. Pruning Pine Plantations in Michigan. 1956.
14. Wound Area As Influenced By Closeness of Pruning. 1958
25. Fomes Annosus in Southwestern Michigan. 1964.

PINE, AUSTRIAN X JAPANESE RED

37. Abundant Natural Hybridization Between Austrian and Japanese Red Pines in Southern Michigan. 1969.
80. Growth of Hybrid Austrian x Japanese Red Pine in Michigan.

PINE, BLACK (EUROPEAN)

34. Geographic Variation in European Black Pine. 1967.
39. Response of Different European Black Pine Provenances to Nitrogen Fertilization. 1970.
55. Statistical Efficiency in Wood Quality Study Based on a Black Pine Plantation. 1972.
74. 15-Year Performance of European Black Pine in Provenance Tests in North Central United States. 1976.
91. Absence of Growth-Wood Property Correlation in Twenty-seven Black Pine Seed Sources. 1979.
101. Statistical Efficiency varies with Plot Size, Number of Replications and Seedlots sampled. 1983.

PINE, JACK

62. A Four-Year Provenance Test of Jack Pine. 1973.
102. Genetic Variation and Gains of Specific Gravity and Woody Biomass in a Jack Pine Half-sib Progeny Test in Michigan. 1983.

PINE, KELLOGG HYBRID

112. Kellogg Hybrid Pine (*Pinus nigra x P. densiflora*) Breeding for Improved Growth Rate and Adaptability in the Lake States. 1985.

PINE, LIMBER

41. The Christmas Tree Possibilities of Southwestern White and Limber Pines. 1970.
50. Nine-Year Performance of *Pinus flexilis* and *P. strobiformis* Progenies in Michigan and Nebraska. 1971.
53. Parallel and Divergent Evolution in Rocky Mountain Trees. 1972.

PINE, PONDEROSA

36. Early Growth of Ponderosa Pine Ecotypes in Michigan. 1969.
53. Parallel and Divergent Evolution in Rocky Mountain Trees. 1972.
107. Severity of *Endocronartium harknessii* in Two Provenance Stands of *Pinus ponderosa* in Michigan. 1984.

PINE, RED

3. A Spacing Study of Red Pine in Michigan. 1950.
4. Growth of a Mixed Red and White Pine Plantation in the Kellogg Forest. 1955.
8. Chemical Control of the European Pine Shoot Moth in Southwestern Michigan. 1956.
9. The Evaluation of Insecticides for Control of the European Pine Shoot Moth Under Spring and Summer Conditions. 1957.
16. Growth and Yield of Red Pine in Three Spacings. 1959.
23. Shearing Scotch and Red Pine Christmas trees for Control of the European Pine Shot Moth. 1963.
28. Economic and Silvicultural Aspects of Row and Basal Area Thinning Planted Red Pine. 1964.
31. A Time Study for Plantation Logging: A Time Study of Two Logging Techniques for Thinning Red Pine Plantations. 1967.
37. Abundant Natural Hybridization Between Austrian and Japanese Red Pines in Southern Michigan. 1969.
52. Geographic Variation in Red Pine. 1972
80. Growth of Hybrid Austrian x Japanese Red Pine in Michigan. 1976 or 1977.
94. Progress in Converting White and Red Pine Progeny Tests to Seed Orchards. 1979
98. The Potential of "Competition Quotient" as a Guide to Thinning Planted Red Pine. 1982.
108. Thinning Planted Red Pine in Michigan. 1984.
134. Managing Red Pine Plantations for Utility Poles. 1996

PINE, SCOTCH

15. Growth of Dominant and Codominate Scotch Pine Crop Trees Following Thinning. 1959.
22. Geographic Variation in Scotch Pine: Results of a 3-Year Michigan Study. 1963.
23. Shearing Scotch and Red Pine Christmas trees for Control of the European Pine Shot Moth. 1963.
30. Early Flowering Pattern in Scotch Pine. 1966.
51. Genetic Variation in the Monoterpenes of Scotch Pine. 1971.

- 57. Genetic Differences in Scotch Pine Resistance to Pine Root Collar Weevil. 1972.
- 71. Scotch Pine for Timber Production in Northwest Lower Michigan. 1974.
- 76. Scotch Pine Varieties for Christmas Tree and Forest Planting in Michigan. 1976.
- 127. Attack Densities of *Tomicus piniperda* and *Ips pini* (Coleoptera: Scolytidae) on Scotch Pine Logs in Michigan in Relation to Felling Date. 1994

PINE, VIRGINIA

- 68. Intraspecific Variation in Virginia Pine, Results of a Provenance Trial in Maryland, Michigan and Tennessee. 1974.

PINE, WHITE

- 4. Growth of a Mixed Red and White Pine Plantation in the Kellogg Forest. 1955.
- 7. Growth of White Pine in Some Pure and Mixed Plantings in Michigan. 1956.
- 20. Geographic Variation in Eastern White Pine - 6-Year Results. 1963.
- 21. Himalayan White Pine in Southern Michigan. 1963
- 41. The Christmas Tree Possibilities of Southwestern White and Limber Pines. 1970.
- 44. Genetics of Eastern White Pine. 1970.
- 45. Genetic Variability in Eastern White Pine from Michigan. 1970.
- 49. Improving Michigan's White Pine. 1971
- 50. Nine-Year Performance of *Pinus flexilis* and *P. strobiformis* Progenies in Michigan and Nebraska. 1971.
- 53. Parallel and Divergent Evolution in Rocky Mountain Trees. 1972.
- 56. Faster Growing White Pines for Michigan. 1972.
- 66. Geographic Variation of Growth and Wood Properties in Eastern White Pine - 15-Year Results. 1973.
- 81. Rapid Growth of Southern Appalachian White Pine in Southern Michigan. 1976.
- 93. Oleoresin Characteristics of Eastern White Pine Seed Sources and Relationship to Weevil Resistance. 1979.
- 94. Progress in Converting White and Red Pine Progeny Tests to Seed Orchards. 1979
- 96. Response of an Eastern White Pine Provenance Test to Pruning. 1980.

POPLAR

- 2. The Survival and Growth of Hybrid Poplars in Four Michigan Test Areas. 1949.

SPRUCE

- 38. A New Hybrid Between Blue Spruce and White Spruce. 1969.
- 58. Accelerated Growth for Early Testing of Spruce Seedlings. 1972.
- 75. Accelerating Maturity in *Picea* seedlings. 1976.
- 99. Hybridization Among White, Red, Blue, and White x Blue Spruces. 1982.
- 118. Genetic Variation and Control of Intraspecific Crossability in Blue and Engelmann Spruce. 1988.
- 131. Considering the Nutritional Ecology of the Spruce Budworm in its Management. 1991.
- 132. Do Balsam Twig Aphids (Homoptera: Aphididae) Lower Tree Susceptibility to Spruce Budworm 1989.

SPRUCE, BLUE

- 86. Genetic Improvement of Blue Spruce. 1978.
- 110. Accelerating Seedling Growth Through Photoperiod Extension for Genetic Testing: A Case Study with Blue Spruce (*Picea pungens*). 1985.

SPRUCE, WHITE

- 83. Better White Spruce for Michigan. 1977.

TAMARACK

- 113. Provenance Variability in Biomass Production of *Larix laricina* in Michigan. 1985.
- 115. Survival and Growth of Tamarack Seed Sources in Ten NC-99 Tests. 198-

WALNUT

- 60. Seven-Year Results from Black Cherry and Black Walnut Provenance Tests in Michigan. 1972.
- 61. Black Walnut Stand Growth in Southern Michigan. 1972.
- 70. Apparent Freeze Damage to Black Walnut Seedlings Related to Seed Source and Fertilizer Treatment. 1974.
- 90. Susceptibility and Injury of Some Hybrid Walnuts by the Butternut Curculio (*Coleoptera: curculionidae*). 1979.
- 116. Comparison of Planting Methods for Nursery- and Container-Grown Black Walnut Seedlings. 1987.

WILLOWS

- 12. Hybrid Danish Willows - Their Early Survival and Growth in Michigan and Northern Wisconsin. 1957.

FORESTRY RELATED TOPICS -

PLANTING -

17. Coniferous Tree Planting Practices for Lower Michigan. 1960
35. Forest Plantings on a Wet Site in Michigan. 1969.
43. Quicker Methods of Establishing Forest Genetic Test Plantations. 1970.
47. Hardwood Plantation Establishment Using Container Grown Stock. 1971.
67. Tree Planting in Michigan. 1973.
79. Growing Coniferous Seedlings in Soiless Containers for Field Planting. 197-?
84. Recommended Species for Christmas Tree Planting. 1977

PRUNING

6. Pruning Pine Plantations in Michigan. 1956
19. Time Studies of Hand and Power Pruning Crop Trees in Plantations. 1963.
63. Tree Monkey vs. Hand Pruning. 1973.

MANAGEMENT

31. A Time Study for Plantation Logging: A Time Study of Two Logging Techniques for Thinning Red Pine Plantations. 1967.
54. Genetic Variation Patterns in Michigan's Native Trees. 1972.
65. Regeneration and Growth of Quality Hardwoods on Modified Sites. 1973.
77. Accelerated-Optimal-Growth: A New Concept in Tree Production. 1976.
87. Accelerated Growth of Hardwood Seedlings. 1978.
97. Management of Exotic Timber Trees in Temperate Regions of Eastern North America: an assessment. 1980.
103. Species and Genotype Screening for Biomass Production in Michigan; a summary of field performance for 28 species. 1983
114. Cavity Availability in Managed and Unmanaged Woodlots in Southwestern Michigan. 198-.
124. Applications and Systems for Greenhouse Production of Trees. 198-.
134. Managing Red Pine Plantations for Utility Poles. 1996

WEED CONTROL

29. Fertilization and Weed Control on Christmas Tree Farms. 1965.
72. Herbicides for Weed Control in Coniferous Plantations. 1975.
133. Don't Choke Your Trees! Control Those Weeds. 1962.

INSECTS/DISEASES

8. Chemical Control of the European Pine Shoot Moth in Southwestern Michigan. 1956.
9. The Evaluation of Insecticides for Control of the European Pine Shoot Moth under Spring and Summer Conditions. 1957.
23. Shearing Scotch and Red Pine Christmas Trees for Control of the European Pine Shoot Moth. 1963.
25. Fomes Annosus in Southwestern Michigan. 1964.
26. Shearing Scotch and Red Pine Christmas Trees for Control of the European Pine Shoot Moth. 1964.
89. Life History of the Butternut Curculio, *Conotrachelus juglondia* (eolepotera: Curculionidae) in Michigan. 1979
90. Susceptibility and injury of some hybrid walnuts by the Butternut Curculio (Coleoptera: Curculionidea). 1979.
93. Oleoresin Characteristics of Eastern White Pine Seed Sources and Relationships to Weevil Resistance. 1979.
107. Severity of Endocronartium harknessii in Two Provenance Stands of Pinus Ponderosa in Michigan. 1984.
127. Attack Densities of *Tomicus piniperda* and *Ips pini* (Coleoptera: Scolytidae) on Scotch Pine Logs in Michigan Relation to Felling Date. 1994.
129. *Entomophaga maigaiga* - A Natural Enemy of Gypsy Moth. 1996
130. Management Prescriptions for the Two-lined Chestnut Borer. 1985.
131. Considering the Nutritional Ecology of the Spruce Budworm in its Management. 1991.
132. Do Balsam Twig Aphids (Homoptera: Aphididae) Lower Tree Susceptibility to Spruce Budworm? 1989.

MISCELLANEOUS

1. Recovery of a Southern Michigan Trout Stream. 1949.
5. The Growth and Wildlife use of Planted Shrubs and Trees at the W.K. Kellogg Multiple Use Forest. 1955.
10. Recreational Use of the Kellogg Forest. 1957.
11. Results from Planting Brown Trout and Rainbow Trout in Augusta Creek, Kalamazoo County, Michigan. 1957.
13. A Test of Combine Varieties of Sunflowers in Wildlife Food Patches. 1958.
24. An Eight-Year Record of Fruit Production. 1964.
85. Damage to Southern Michigan conifers During the Winter of 1976-77. 1977.

95. A Directory of Forest Genetic Plantings in Michigan. 1980.
100. Recommended Tree Seed Sources for Use in Michigan. 1983.
104. International Contributions to Michigan's Forest Industries: A Summary of Michigan State University Department of Forestry's Involvement. 1983.
105. The Effects of Land Cover and Land Use Changes Upon Streamflow in the Augusta Creek Watershed. 1983.
106. Michigan's International Roots. 198-.
128. Kin Selection in the Annual Plant *Impatiens capensis*. 1996.
129. *Entomphaga maimaiga* - A Natural Enemy of Gypsy Moth. 1996.