

Dr. Thomas G. Ranney - Publications

A. Refereed Journal Articles

1. Parker, M. L. and J. Hull. 1993. Orchard floor management affects cherry tree growth and moisture utilization. *Acta Horticulturae* 347:385-387.
2. Aoun, M. F., K. B. Perry, W. H. Swallow, D. J. Werner, and M. L. Parker. 1993. Antitranspirant and cryoprotectant do not prevent peach freezing injury. *HortScience* 28:343.
3. Parker, M.L., J. Hull, and R. Perry. 1993. Orchard floor management affects peach rooting. *J. Amer. Soc. Hort. Sci.* 118:714-718.
4. Parker, M.L. and E. Young. 1995. Leader management and soil fumigation affect branching and precocity of young apple trees. *HortScience* 30:1193-1195.
5. Parker, M.L. and J.R. Meyer. 1996. Peach tree vegetative and root growth respond to orchard floor management. *HortScience* 31:330-333.
6. Barritt, B.H., J.A. Barden, J. Cline, R.L. Granger, M.M. Kushad, R.P. Marini, M. Parker, R.L. Perry, T. Robinson, C.R. Unrath and M.A. Dilley. 1997. Performance of 'Gala' at year 5 with eight apple rootstocks in an 8-location North American NC-140 trial. *Acta Hort.* 451:129-135
7. Barritt, B.H., J.A. Barden, J. Cline, R.L. Granger, E.E. Hoover, M.M. Kushad, R.P. Marini, M. Parker, R.L. Perry, T. Robinson, S. Khanizadeh, C.R. Unrath and M.A. Dilley. 1997. North American NC-140 apple orchard systems trial. *Acta Hort.* 451-443-452.
8. Blankenship, S.M., M. Parker, and C.R. Unrath. 1997. Use of maturity indices for predicting poststorage firmness of 'Fuji' apples. *HortScience* 32: 909-910.
9. Nyczepir, A.P., P.F. Bertrand, M.L. Parker, J.R. Meyer, and E.I. Zehr. 1998. Interplanting wheat is not an effective postplant management tactic for *Criconebella xenoplax* in peach production. *Plant Disease* 82:573-577.
10. Marini, R.P., J.L. Anderson, B.H. Barritt, G.R. Brown, J. Cline, W.P. Cowgill, Jr., P.A. Domoto, D.C. Ferree, J. Garner, G.M. Greene, C. Hampson, P. Hirst, M.M. Kushad, E. Mielke, C.A. Mullins, M. Parker, R.L. Perry, J.P. Prive, G.L. Reighard, T. Robinson, C.R. Rom, T. Roper, J.R. Schupp, E. Stover, and R. Unrath. 2000. Performance of 'Gala' apple on four semi-dwarf rootstocks: A five year summary of the 1994 NC-140 semi-dwarf rootstock trial. *J. Amer. Pomological Soc.* 54:84-91.
11. Marini, R.P., J.L. Anderson, B.H. Barritt, G.R. Brown, J. Cline, W.P. Cowgill, Jr., P.A. Domoto, D.C. Ferree, J. Garner, G.M. Greene, C. Hampson, P. Hirst, M.M. Kushad, E. Mielke, C.A. Mullins, M. Parker, R.L. Perry, J.P. Prive, G.L. Reighard, T. Robinson, C.R. Rom, T. Roper, J.R. Schupp, E. Stover, and R. Unrath. 2000. Performance of 'Gala' apple on 18 dwarf rootstocks: A five year summary of the 1994 NC-140 dwarf rootstock trial. *J. Amer. Pomological Soc.* 54:92-107.
12. Hirst, P.M., R.P. Marini, J.L. Anderson, W.R. Autio, J.A.

Refereed Journal Articles

1. Ranney, T.G., N.L. Bassuk, and T.H. Whitlow. 1989. Effect of transplanting practices on growth and water relations of 'Colt' cherry trees during reestablishment. *J. Environ. Hort.* 7:41-45.
2. Ranney, T.G., T.H. Whitlow, and N.L. Bassuk. 1990. Response of five temperate deciduous tree species to water stress. *Tree Physiol.* 6:439-448.

3. Ranney, T.G., N.L. Bassuk, and T.H. Whitlow. 1991. Influence of rootstock, scion, and water deficits on growth of 'Colt' and 'Meteor' cherry trees. HortScience 26:1204-1207.
4. Ranney, T.G., N.L. Bassuk, and T.H. Whitlow. 1991. Osmotic adjustment and solute constituents in leaves and roots of water-stressed cherry trees. J. Amer. Soc. Hort. Sci. 116:684-688.
5. Ranney, T.G., N.L. Bassuk, and T.H. Whitlow. 1991. Turgor maintenance in leaves and roots of 'Colt' cherry trees in response to water stress. J. Hort. Sci. 66:381-378.
6. Ranney, T.G., R.E. Bir, and W.A. Skroch. 1991. Comparative drought resistance among six species of birch (*Betula*): Influence of mild water stress on water relations and leaf gas exchange. Tree Physiol. 8:351-360.
7. Ranney, T.G. and J. Walgenbach. 1992. Feeding preference of Japanese beetles for taxa of birch, cherry and crabapple. J. Environ. Hort. 10:177-180.
8. Ranney, T.G. and D. Davidson. 1992. Analysis of pressure-volume data using segmented, nonlinear regression algorithms.HortScience 27:275.
9. Whitlow, T.H., N.L. Bassuk, T.G. Ranney, and D.L. Reichert. 1992. An improved method for using electrolyte leakage to assess membrane competence in plant tissue. Plant Physiol. 98:198-205.
10. Ranney, T.G. and M.M. Peet. 1994. Heat tolerance of five species of birch (*Betula*): Physiological responses to supraoptimal leaf temperatures. J. Amer. Soc. Hort. Sci. 119:243-248.
11. Ranney, T.G. and R.E. Bir. 1994. Comparative flood tolerance of birch rootstocks. J. Amer. Soc. Hort. Sci. 119:43-48.
12. Rowe, D.B., S.L. Warren, F.A. Blazich, and T.G. Ranney. 1994. Seed germination of three provenances of *Rhododendron catawbiense*: Influence of light and temperature. J. Environ. Hort. 12:155-158.
13. Ranney, T.G. 1994. Differential tolerance of eleven *Prunus* taxa to root zone flooding. J. Environ. Hort. 12:138-141.
14. Ranney, T.G. and R.E. Bir. 1994. Use of paclobutrazol to regulate shoot growth and flower development of 'Roseum Elegans' rhododendron. J. Environ. Hort. 12:174-178.
15. Ranney, T.G., F.A. Blazich, and S.L. Warren. 1995. Heat tolerance of selected species and populations of rhododendron. J. Amer. Soc. Hort. Sci. 119:243-248.
16. Ranney, T.G., L.F. Grand, and J.L. Knighten. 1995. Susceptibility of *Cornus kousa* cultivars and hybrids to dogwood anthracnose and powdery mildew. J. Arboric. 21:11-16.
17. Ranney, T.G. and E.P. Whitman, II. 1995. Growth and survival of 'Whitespire' birch grafted on rootstocks of five species of birch. HortScience. 30:521-522.
18. McGuigan, P.J., F.A. Blazich, and T.G. Ranney. 1996. Propagating *Quercus phillyreoides* by stem cutting. J. Environ. Hort. 14:77-81.
19. Curtis, D.L., T.G. Ranney, F.A. Blazich, and E. P. Whitman II. 1996. Rooting and subsequent overwinter survival of stem cuttings of *Stewartia ovata*. J. Environ. Hort. 14:163-166.
20. McGuigan, P.J., F.A. Blazich, and T.G. Ranney. 1996. Propagation of *Quercus myrsinifolia* and *Quercus canbyi* by stem cuttings. J. Environ. Hort. 14:217-220.

21. Stubbs, H.L., F.A. Blazich, T.G. Ranney, and S.L. Warren. 1997. Propagation of 'Carolina Sapphire' smooth Arizona cypress by stem cuttings: Effects of growth stage, type of cutting, and IBA treatment. J. Environ. Hort. 15:61-64.
22. McGuigan, P.J., F.A. Blazich, and T.G. Ranney. 1997. Micropropagation of *Stewartia pseudocamellia*. J. Environ. Hort. 15:65-68.
23. Stubbs, H.L., S.L. Warren, F.A. Blazich, and T.G. Ranney. 1997. Nitrogen nutrition of containerized *Cupressus arizonica* var. *glabra* 'Carolina Sapphire'. J. Environ. Hort. 15:80-83.
24. Ranney, T.G. and J.M. Ruter. 1997. Foliar heat tolerance of three holly species (*Ilex* spp.): Responses of chlorophyll fluorescence and leaf gas exchange to supraoptimal leaf temperatures. J. Amer. Soc. Hort. Sci. 122:499-503.
25. Patton, C.A., T.G. Ranney, J.D. Burton, and J.F. Walgenbach. 1997. Natural pest resistance of *Prunus* taxa to feeding by adult Japanese beetles: Role of endogenous allelochemicals in host plant resistance. J. Amer. Soc. Hort. Sci. 122:668-672.
26. Patton, C.A., T.G. Ranney, J.D. Burton, and J.F. Walgenbach. 1997. Feeding responses of Japanese beetles to naturally occurring metabolites found in rosaceous plants. J. Environ. Hort. 15:222-227.
27. Ranney, T.G. 1997. Going to extremes: Testing hollies for tolerance to environmental stresses. Holly Soc. J. 15(1):5-11.
28. Fulcher, A.F., T.G. Ranney, J.D. Burton, J.F. Walgenbach, and D.A. Danehower. 1998. Role of foliar phenolics in host plant resistance of *Malus* taxa to adult Japanese beetles. HortScience 33:862-865.
29. Benson, D.M., T.G. Ranney, and K.C. Parker. 1998. Evaluation of *Photinia* spp. for resistance to entomosporium leaf spot, 1996, 1997. Bio. Cultural Tests 13:68.
30. Griffin, J.J., F.A. Blazich, and T.G. Ranney. 1998. Propagation of *Thuja* x 'Green Giant' by stem cuttings: Effects of growth stage, type of cutting, and IBA treatment. J. Environ. Hort. 16(4):212-214.
31. Griffin, J.J., F.A. Blazich, and T.G. Ranney. 1999. Propagation of *Magnolia virginiana* 'Santa Rosa' by semi-hardwood cuttings. J. Environ. Hort. 17(1):47-48.
32. Griffin, J.J., S.L. Warren, F.A. Blazich, and T.G. Ranney. 1999. Nitrogen nutrition of containerized *Thuja* x 'Green Giant'. J. Environ. Hort. 17(2):76-79.
33. Jull, L.G., T.G. Ranney, and F.A. Blazich. 1999. Heat tolerance of selected provenances of Atlantic white cedar. J. Amer. Soc. Hort. Sci. 124:492-497.
34. Griffin, J.J., F.A. Blazich, and T.G. Ranney. 1999. Shading and IBA treatment does not improve rooting of stem cuttings of *Quercus phillyraeoides* 'Emerald Sentinel'. J. Environ. Hort. 17(3):123-125.
35. Witt, J.D., S.L. Warren, T.G. Ranney, and J.R. Baker. 1999. Biorational and conventional plant protectants reduce feeding by adult Japanese beetles. J. Environ. Hort. 17(4):203-206.
36. Dunwell, W.C., D. Fare, M.A. Arnold, K. Tilt, G. Knox, W. Witte, P. Knight, M. Pooler, W. Klingeman, A. Niemiera, J. Ruter, T. Yeager, T. Ranney, R. Beeson, J. Lindstrom, E. Bush, A. Owings, and M. Schnelle. 2001. Plant evaluation program for nursery crops and landscape systems by the Southern Extension and Research Activities/Information Exchange Group-27. HortTechnology 11(3):373-375.

37. Holland, B.T., S.L. Warren, and T.G. Ranney. 2003. Evaluating recovery of Cupressaceae taxa after flooding at contrasting temperatures. J. Environ. Hort. 21(1):51-55.
38. Ranney, T.G., T.A. Eaker, P.R. Fantz, and C.R. Parks. 2003. xSchimlinia floribunda (Theaceae): A new intergeneric hybrid between Franklinia alatamaha and Schima argentea. HortScience 38(6):1198-1200.
39. Griffin, J.J., T.G. Ranney, and D.M. Pharr. 2004. Photosynthesis, chlorophyll fluorescence, and carbohydrate content of Illicium taxa grown under varied irradiance. J. Amer. Soc. Hort. Sci. 129(1):46-53.
40. Griffin, J.J., T.G. Ranney, and D.M. Pharr. 2004. Heat and drought influence photosynthesis, water relations, and soluble carbohydrates of two ecotypes of redbud (Cercis canadensis). J. Amer. Soc. Hort. Sci. 129(4):497-502.
41. Bell, A.C., T.G. Ranney, T.A. Eaker, and T.B. Sutton. 2005. Resistance to fire blight among flowering pears and quince. HortScience 40(2):413-415.
42. Ranney, T.G. and P.R. Fantz. 2006. xGordlinia grandiflora (Theaceae): An intergeneric hybrid between Franklinia alatamaha and Gordonia lasianthus. HortScience 41(6):1386-1388.
43. Olsen, R.T., T.G. Ranney, and C.S. Hodges. 2006. Susceptibility of Catalpa, Chilopsis, and hybrids to powdery mildew and catalpa sphinx larvae. HortScience 41(7):1629-1634.
44. Olsen, R.T., T.G. Ranney, and Z. Vioria. 2006. Reproductive behavior of induced allotetraploid xChitalpa and in vitro embryo culture of polyploidy progeny. J. Amer. Soc. Hort. Sci. 131(6):716-724.
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46. Contreras, R.N., T.G. Ranney, and S.P. Tallury. 2007. Reproductive behavior of diploid and allotetraploid Rhododendron L. 'Fragrant Affinity'. HortScience 42(1):31-34.
47. Contreras, R.N., T.G. Ranney, S.R. Milla-Lewis, and G.C. Yencho. 2007. Investigating parentage and hybridity of three azaleodendrons using AFLP analysis. HortScience 42(3):740-743.
48. Ranney, T.G., N.P. Lynch, P.R. Fantz, and P. Cappiello. 2007. Clarifying taxonomy and nomenclature of Fothergilla (Hamamelidaceae) cultivars and hybrids. HortScience 42(3):470-473. (HortScience cover).
49. Lasseigne, F.T., S.L. Warren, F.A. Blazich, and T.G. Ranney. 2007. Day/Night temperature influences growth and photosynthesis of cultivated Salvia taxa. J. Amer. Soc. Hort. Sci. 132(4):492-500.
50. Jones, J.R., T.G. Ranney, N.P. Lynch, and S.L. Krebs. 2007. Ploidy levels and relative genome sizes of diverse species, hybrids, and cultivars of rhododendron. J. Amer. Rhododendron Soc. 61(4):220-227.
51. Zhou, W., T. Gibbons, L. Goetsch, B. Hall, T.G. Ranney, and R. Miller. 2008. Rhododendron colemanii: A new species of deciduous azalea (Rhododendron section Pentanthera; Ericaceae) from the Coastal Plain of Alabama and Georgia. J. Amer. Rhododendron Soc. 62(2):72-78.
52. Jones, J.R., T.G. Ranney, and T.A. Eaker. 2008. A novel method for inducing polyploidy in Rhododendron seedlings. J. Amer. Rhododendron Soc. 62(3):130-135.

53. Palmer, I.E., T.G. Ranney, N.P. Lynch, and R.E. Bir. 2009. Crossability, cytogenetics, and reproductive pathways in *Rudbeckia* subgenus *Rudbeckia*. Hortscience 44(1):44-48.
54. Jones, J.R. and T.G. Ranney. 2009. Fertility of neopolyploid *Rhododendron* and occurrence of unreduced gametes in triploid cultivars. J. Amer. Rhododendron Soc. 63(3): 131-135.
55. Meyer, E.M., T.G. Ranney, and T.A. Eaker. 2009. Differential resistance of *Gordoniaeae* trees to *Phytophthora cinnamomi*. HortScience 44(5): 1484-1486.
56. Meyer, E.M., A.V. LeBude, and T.G. Ranney. 2009. Vegetative propagation of *Gordoniaeae* trees by stem cuttings. J. Environ. Hort. 27(4):191-194.
57. Meyer, E.M., D.H. Touchell, and T.G. Ranney. 2009. In vitro shoot regeneration and polyploid induction from leaves of *Hypericum* species. HortScience 44(7):1957-1961.
58. Hebert, C.J., D.H. Touchell, T.G. Ranney, and A.V. LeBude. 2010. In vitro shoot regeneration and polyploidy induction of *Rhododendron* 'Fragrantissimum Improved'. HortScience 45(4):801-804.
59. Jones, J.R., A.V. LeBude, and T.G. Ranney. 2010. Vegetative propagation of *Oconee azalea* (*Rhododendron flammeum*) by stem cuttings and mound layering. J. Environ. Hort. 28(2):69-73.
60. Trueblood, C.E., T.G. Ranney, N.P. Lynch, J.C. Neal, and R.T. Olsen. 2010. Evaluating fertility of triploid clones of *Hypericum androsaemum* L. for use as non-invasive landscape plants. Hortscience 45(7):1026-1028.
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63. Rounsaville, T.J., D.H. Touchell, T.G. Ranney, and F.A. Blazich. 2011. Micropropagation of *Mahonia* 'Soft Caress'. Hortscience 46(7):1010-1014.
64. Rounsaville, T.J., D.H. Touchell, and T.G. Ranney. 2011. Fertility and reproductive pathways in diploid and triploid *Miscanthus sinensis*. Hortscience 46(10):1353-1357. (HortScience Cover)
65. Oates, K.M., T.G. Ranney, D.H. Touchell. 2012. Influence of Induced Polyploidy on Fertility and Morphology of *Rudbeckia* Species and Hybrids. Hortscience 47(9):1217-1221.
66. Shearer, K., T.G. Ranney, R. Miller, and C. Tower. 2012. Pentanthera Webs: Interspecific and Interploid Hybridization among Sympatric Azaleas in the Southern Appalachian Mountains. J. Amer. Rhododendron Soc. 66(4): 187-197.
67. Parris, J.K., D.H. Touchell, T.G. Ranney, and J. Adelberg. 2012. Basal Salt Composition, Cytokinins, and Phenolic Binding Agents Influence In Vitro Growth and Ex Vitro Establishment of *Magnolia* 'Ann'. Hortscience 47(11):1625-1629.
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69. Shearer, K. and T.G. Ranney. 2013. Ploidy levels and relative genome sizes of species, hybrids, and cultivars of dogwood (*Corunus* spp.). HortScience 48(7):825-830.
70. Lattier, J.D., T.G. Ranney, N.P. Lynch. 2013. History and Cytological Reassessment of *Rhododendron canadense*. J. Amer. Rhododendron Soc. 67(2):92-98.

71. Panneerselvam, A., R.R. Sharma-Shivappa, P. Kolar, T. Ranney, and S. Peretti. 2013. Potential of ozonolysis as a pretreatment for energy grasses. *Bioresource Technology*. 148:242-248.
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73. Lattier, J.D., D.H. Touchell, T.G. Ranney, J.C. Smith. 2013. Micropropagation and Polyploid Induction of *Acer platanoides*'Crimson Sentry'. *J. Environ. Hort.* 31(4):246-252.
74. Lattier, J.D., T.G. Ranney, P.R. Fantz, T. Avent. 2014. Identification, Nomenclature, Genome Sizes, and Ploidy Levels of *Liriope* and *Ophiopogon* Taxa. *HortScience* 49(2):145-151.
75. Oates, K.M., T.G. Ranney, D.H. Touchell, Z. Vilorio. 2014. *Campsis xtagliabuana* 'Chastity': A Highly Infertile Triploid Trumpet Vine. *HortScience* 49(3):343-345.
76. Palmer, I.E., R.J. Gehl, T.G. Ranney, D. Touchell, and N. George. 2014. Biomass yield, nitrogen response, and nutrient uptake of perennial bioenergy grasses in North Carolina. *Biomass & Bioenergy* 63:218-228.
77. Lattier, J.D., D.H. Touchell, and T.G. Ranney. 2014. Micropropagation of an Interspecific Hybrid Dogwood (*Cornus* 'NCCH1'). *Propagation of Ornamental Plants* 14(4):184-190.
78. Haines, S., R. Gehl, J. Havlin, and T.G. Ranney. 2015. Nitrogen and phosphorus fertilizer effects on establishment of giant miscanthus. *BioEnergy Res.* 8:17-27.
79. Zhen-Chen Qi, Yi Yu, Xiang Liu, Andrew Pais, Thomas Ranney, Ross Whetten, and Qiu-Yun (Jenny) Xiang. 2015. Phylogenomics of polyploid *Fothergilla* (Hamamelidaceae) by RAD-tag based GBS - insights into species origin and effects of software pipelines. *J. Syst. Evol.* 53(5):432-447. doi: 10.1111/jse.12176.
80. Gillooly, D.A. and T.G. Ranney. 2015. Genome sizes and ploidy levels in the genus *Kalmia*. *HortScience* 50(10):1426-1428.
81. Touchell, D.H., T.G. Ranney, D.R. Panthee, R.J. Gehl, and A. Krings. 2016. Genetic diversity, cytogenetics, and biomass yields among taxa of giant reeds (*Arundo* species). *J. Amer. Soc. Hort. Sci.* 141(3):256-263.
82. Phillips, W.D., T.G. Ranney, D.H. Touchell, and T.A. Eaker. 2016. Fertility and Reproductive Pathways of Triploid Flowering Pears (*Pyrus* sp.). *HortScience* 51(8):968-971.

[Top](#)

B. Research Bulletins

None

C. Research Reports, Symposium Articles, etc.

1. Ranney, T.G. 1988. Managing plant growth and water relations during transplanting. Proc. 6th Conf. Metropolitan Tree Improvement Alliance (METRIA). p. 108-118.
2. Ranney, T.G. 1989. Evaluation and selection for drought resistance in selected woody plants. Proc. Southern Nursery Assoc. (SNA) Res. Conf., 34th Annu. Rpt. p. 266-274.

3. Ranney, T.G., R.E. Bir, and W.A. Skroch. 1990. Evaluation and selection of drought resistant species of birch. Proc. SNA. Res. Conf., 35th Annu. Rpt. p. 304-307.
4. Ranney, T.G., N.L. Bassuk, and T.H. Whitlow. 1990. Effects of transplanting practices on 'Colt' cherry. Amer. Nurseryman 171:79-82.
5. Bir, R.E., J.L. Conner, and T.G. Ranney. 1991. The effect of nitrogen application techniques on the growth of drip irrigated flowering dogwood, oriental dogwood, red maple and mountain laurel. Proc. SNA Res. Conf., 36th Annu. Rpt. p. 148-151.
6. Bir, R.E. and T.G. Ranney. 1991. The effect of organic soil amendments on the growth and development of *Kalmia latifolia*. Proc. Intl. Plant Prop. Soc. 41: 311-314.
7. Bir, R.E. and T.G. Ranney. 1992. Suppression of basal sprouts on *Betula nigra*. Proc. SNA Res. Conf., 37th Annu. Rpt. p. 236-237.
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9. Ranney, T.G. 1992. Evaluation of production techniques and profitability of growing ornamental birches in Western North Carolina. 1990-1991 Annu. Rpt. North Carolina Coop. Program 14.
10. Ranney, T.G. 1992. Natural resistance of birch, cherry and crabapple to feeding by adult Japanese beetles. Proc. SNA Res. Conf., 37th Annu. Rpt. p. 172-177.
11. Ranney, T.G. 1993. Flood tolerant *Prunus*. Proc. SNA Res. Conf., 38th Annu. Rpt. p. 383-385.
12. Bir, R.E. and T.G. Ranney. 1993. The effect of paclobutrazol (Bonzi) on shoot elongation and flower bud set of container grown 'Roseum Elegans' rhododendron. Proc. SNA Res. Conf., 38th Annu. Rpt. p. 273-275.
13. Thetford, M., S.L. Warren, F.A. Blazich, and T.G. Ranney. 1993. Effects of uniconazole on photosynthesis, dark respiration and water use efficiency of 'Spectabilis' forsythia. Proc. SNA Res. Conf., 38th Annu. Rpt. p. 27-29.
14. Bir, R.E., T.G. Ranney, T.E. Bilderback, and G.D. Hoyt. 1993. Practical research at North Carolina State University. Proc. 1993 Alabama Nurserymen's Assn. Summer Seminar.
15. Bir, R.E. and T.G. Ranney. 1993. Chemical control of basal sprouts on river birch. Amer. Nurseryman 178(8):105-107.
16. Curtis, D. and T.G. Ranney. 1993. Propagation and overwintering techniques of *Stewartia ovata*. 1991-1992 Annu. Rept. North Carolina Coop. Program 14.
17. Ranney, T.G., L.F. Grand, and J.L. Knighten. 1994. Susceptibility of *Cornus kousa* cultivars and hybrids to anthracnose and powdery mildew. Proc. 8th Conf. Metropolitan Tree Improvement Alliance (METRIA). p. 21-27.
18. Ranney, T.G. and J.F. Walgenbach. 1994. Natural resistance of birch, cherry, and crabapple taxa to feeding by adult Japanese beetles. Amer. Nurseryman 179(2):89-93.
19. Rowe, D.B., F.A. Blazich, S.L. Warren, and T.G. Ranney. 1994. Seed germination of three provenances of *Rhododendron catawbiense*: Influence of light and temperature. Proc. SNA Res. Conf., 39th Annu. Rpt. p. 24-26.
20. Whitman, E.P. and T.G. Ranney. 1994. Growth and survival of 'Whitespire' birch grafted on five species of birch rootstocks. Proc. SNA Res. Conf., 39th Annu. Rpt. p. 162-164.
21. Ranney, T.G. and R.E. Bir. 1994. The North Carolina urban tree evaluation program. Proc. SNA Res. Conf., 39th Annu. Rpt. p. 347-348.

22. Ranney, T.G., L.F. Grand, and J.L. Knighten. 1994. Resistance of *Cornus kousa* taxa to dogwood anthracnose and powdery mildew. Proc. SNA Res. Conf., 39th Annu. Rpt. p. 212-216.
23. Bir, R.E., T.G. Ranney, R.K. Jones, and J.E. Shelton. 1995. No-spray rose trial. Proc. SNA Res. Conf., 40th Annu. Rpt. p. 320-322.
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