

Literature Cited

1. Anagnostakis, S. L. 1977. Vegetative incompatibility in *Endothia parasitica*. *Experimental Mycology* 1: 306-316.
2. Anagnostakis, S.L. 1982. Genetical analyses of *Endothia parasitica*: linkage data for four single genes and three vegetative compatibility types. *Genetics* 102: 25-28.
3. Anagnostakis, S. L. 1983. Conversion to curative morphology in *Endothia parasitica* and its restriction by vegetative incompatibility. *Mycologia* 75(5): 777-780.
4. Anagnostakis, S.L. 1986. Diversity of vegetative compatibility groups of *Cryphonectria parasitica* in Connecticut. *Plant Disease* 70: 536-538.
5. Anagnostakis, S.L. 1990. Improved chestnut tree condition maintained in two Connecticut plots after treatments with hypovirulent strains of the chestnut blight fungus. *Forest Science* 36: 113-124.
6. Anagnostakis, S.L., and Day, P. R. 1979. Hypovirulence conversion in *Endothia parasitica*. *Phytopathology* 69: 1226-1229.
7. Bazzigher, G., Kanzler, E., and Kubler, T. 1981. Irreversible pathogenitasverminderung bei *Endothia parasitica* durch ubertragbare hypovirulenz. *European Journal of Forest Pathology* 11: 358-369.
8. Bissegger, M., Rigling, D., and Heiniger, U. 1996. Population structure and disease development of *Cryphonectria parasitica* in European chestnut forest in the presence of natural hypovirulence. *Phytopathology* 87: 50-59.
9. Biraghi, A. 1953. Possible active resistance to *Endothia parasitica* in *Castanea sativa*. *Rep. Cong. Int. Union For. Res. Org.*, 11th. Rome.
10. Cortesi, P., Rigling, D., and Heiniger, U. 1998. Comparison of vegetative compatibility types in Italian and Swiss subpopulations of *Cryphonectria parasitica*. *Eur. J. For. Path.* 28: 167-176.
11. Coskun, H., Turchetti, T., Maresi, G., Santagada, A. 1999. Preliminary investigations into *Cryphonectria parasitica* (Murr.) Barr isolates from Turkey. *Phytopathology Mediterr.* 38:101-110.
12. Day, P.R., Dodds, J.A., Elliston, J.E., Jaynes, R.A., and Anagnostakis, S.L. 1997. Double stranded RNA in *Endothia parasitica*. *Phytopathology* 67: 1393-1396.
13. Dierauf, T., Artman, J., Elkins, J., Griffin, S.L., and Griffin, G.J. 1997. High level of chestnut blight control on American chestnut trees inoculated with hypovirulent strains. *Journal of Arboriculture* 23(2): 87.

14. Elliston, J.E. 1978. Pathogenicity and sporulation in normal and diseased strains of *Endothia parasitica* in American chestnut. Pages 95-100 In: Proc. Am. Chestnut Symp. W.L. MacDonald, F.C., Cech, J. Luchok, and C. Smith, eds. West Virginia University Books, Morgantown.
15. Elliston, J.E. 1982. Effects of selected North American and Italian cytoplasmic hypovirulence agents on North American and Italian strains of *Endothia parasitica*. Pages 134-140 in: Proc. U.S. For. Serv. Am. Chestnut Cooperators Meet. H. C. Smith and W.L. MacDonald, eds. West Virginia University Books Morgantown. 229pp.
16. Elliston, J.E. 1985. Characteristics of dsRNA-free and dsRNA-containing strains of *Endothia parasitica* in relation to hypovirulence. *Phytopathology* 74: 151-158.
17. Elliston, J.E. 1985. Further evidence for two cytoplasmic hypovirulence agents in a strain of *Endothia parasitica* from western Michigan. *Phytopathology* 75: 1405-1413.
18. Elliston, J. E. 1985. Preliminary evidence for two debilitating cytoplasmic agents in a strain of *Endothia parasitica* from western Michigan. *Phytopathology* 75: 170-173.
19. Grente, J. 1965. Les formes hypovirulentes d'*Endothia parasitica* et les espoirs de lutte contre le chancre du chataignier. Acad. Agric. France: 1033-1036.
20. Grente, J. 1981. The hypovirulent variations of *Endothia parasitica* and biological control of chestnut blight. Thesis, presented at the University of Western Brittany.
21. Griffin, G. J., J. R. Elkins, G.S. Tomimatsu, and F.V. Hebard. 1977. Variations in pathogenicity of American isolates of *Endothia parasitica* on American chestnut. Proc. Amer. Phytopath Soc. 4: 108 (Abst.).
22. Griffin, G.J., Hebard, F.V., Wendt, R.W., and Elkins, J.R. 1983. Survival of American chestnut trees: Evaluation of blight resistance and virulence in *Endothia parasitica*. *Phytopathology* 73: 1084-1092.
23. Griffin, G.J., Wendt, R.A., and Elkins, J.R. 1984. Association of hypovirulent *Endothia parasitica* with American chestnut in forest clearcuts and with mites. *Phytopathology* 74: 804 (Abstr.)
24. Griffin, G.J., Smith, H.C., Dietz, A., and Elkins, J.R.. 1991. Importance of hardwood competition to American chestnut survival, growth, and blight development in forest clearcuts. *Canadian Journal of Botany* 69: 1804-1809.
25. Griffin G.J. 1999. Frequencies and spatial pattern of white hypovirulent and pigmented strains of *Cryphonectria parasitica* within blight-controlled cankers on

- grafted American chestnut trees 15-16 years after inoculation. *European Journal of Forest Pathology*. 29: 377-390.
26. Griffin, G.J., and Griffin S.L. 1995. Evaluation of superficial canker instability for hypovirulent *C. parasitica* inoculated on American chestnut trees. *Eur. J. For. Path.* 25: 351-355.
 27. Griffin G. J. 2000. Blight control and restoration of the American chestnut. *Journal of Forestry* 98: 22-27.
 28. Harvey, L.D., Davis, F.W., and Gale, N. 1988. The analysis of class dispersion pattern using matrix comparisons. *Ecology* 9:537-542.
 29. Heald, F.D. 1926. *Manual of Plant Diseases*. McGraw-Hill, New York. 891 pp.
 30. Heiniger, U. and Rigling, D. 1994. Biological control of chestnut blight in Europe. *Annual Review of Phytopathology* 32: 581-599.
 31. Hillman, B.I., Fulbright, D. W., Nuss, D.L., and vanAlfen, N.K. 1995. Hypoviridae. Pages 261-264 in *Rep. Int. Committee Taxon, Viruses*, 6th. F.A. Murphy, C. M. Fauquet, D.H.L. Bishop, S.A. Ghabrial, A.W. Jarvis, G.P. Mrtellini, M.A. Mayo, and M.P. Summer, eds. Springer-Verlag, New York.
 32. Hobbins, D.L., Double, M.L., Sypolt, C.R. and MacDonald, W.L. 1994. Interactions between artificially established virulent *Cryphonectria parasitica* cankers and sources of virulent and hypovirulent inoculum on American chestnut stems. In *Proceeding of the International Chestnut Conference*. Eds. Double, M.L. Macdonald, W.L. 156-160. West Virginia University Books.
 33. Jaynes, R.A., and Elliston, J.E. 1980. Pathogenicity and canker control by mixtures of hypovirulent strains of *Endothia parasitica* in American chestnut. *Phytopathology* 70: 453-456.
 34. Jong, S.C., and Edward, M. J. 1991. *American Type Culture Collection Catalogue of Filamentous Fungi* 18th ed. Amer. Type Cult. Col., Rockville, MD. 667 pp.
 35. Kuhlman, E.G., and Bhattacharyya, H. 1984. Vegetative compatibility and hypovirulence conversion among naturally occurring isolates of *Cryphonectria parasitica*. *Phytopathology* 74: 659-664.
 36. Liu, Y-C., Milgroom, M.G. 1996. Correlation between hypovirus transmission and the number of vegetative incompatibility (*vic*) genes different among isolates from a natural population of *Cryphonectria parasitica*.. *Phytopathology* 86: 79-86.
 37. Milgroom, M. G., MacDonald, W.L., and Double, M.L. 1990. Spatial pattern analysis of vegetative compatibility groups in the chestnut blight fungus, *Cryphonectria parasitica*. *Canadian Journal of Botany* 69: 1407-1413.

38. Moffit, E.M., and dR.M. Lister. 1975. Application of a serological screening test for detecting double-stranded RNA mycoviruses. *Phytopathology* 65: 851-859.
39. Nannelli, R., Turchetti, T., Marisi, G. 1998. Corticolous mites (Acari) as potential vectors of *Cryphonectria parasitica* (Murr.) Barr hypovirulent strains. *Internat. J. Acarol.* 24: 237-244.
40. Nuss, D.L. 1992. Biological control of Chestnut blight: An example of virus-mediated attenuation of fungal pathogenesis. *Microbiol. Rev.* 56, 561-576.
41. Peever, T.L., Y.C. Liu, and M.G. Milgroom. 1997. Diversity of hypoviruses and other double-stranded RNAs in *Cryphonectria parasitica* in North America. *Phytopathology* 87: 1026-33.
42. Pielou, E.C. 1977. *Mathematical Ecology*. Wiley, New York. 385 pp.
43. Polashock J.J., Anagnostakis, S.L., Milgroom, M. G., Hillman, B.I. 1994. Isolation and characterization of a virus-resistant mutant of *Cryphonectria parasitica*. *Current Genetics* 26: 528-534.
44. Roane, M., Griffin, G., and Elkins, J. 1986 Chestnut blight, other *Endothia* diseases, and the genus *Endothia*. APS Press: St. Paul. 53 pp.
45. Robbins, N., and Griffin, G.J. 1999. Spread of white hypovirulent strains of *Cryphonectria parasitica* on grafted American chestnut trees exhibiting a high level of blight control. *European Journal of Forest Pathology* 29: 51-64.
46. Shain, L., and Miller, J. B. 1992. Movement of cytoplasmic hypovirulence agents in chestnut blight cankers. *Canadian Journal of Botany* 70: 557-561.
47. Wendt, R. Weidhaas, J., Griffin, G.J., and Elkins, j. R. 1983. Association of *Endothia parasitica* with mites isolated from cankers on American chestnut trees. *Plant Disease* 67: 757-758.