

Publication list for Jan Stenlid, Feb 2022.

In international journals

1985

1. Johansson, M. & Stenlid, J. 1985. Infection of roots of Norway spruce (*Picea abies*) by *Heterobasidion annosum*. I. Initial reactions in sapwood by wounding and infection. *Eur. J. For. Path.* 15:32-45.
2. Stenlid, J. 1985. Population structure of *Heterobasidion annosum* as determined by somatic incompatibility, sexual incompatibility, and isoenzyme patterns. *Can. J. Bot.* 63:2268-2273.
3. Stenlid, J. & Häggblom, P. 1985. Macromolecular syntheses in germinating conidia and basidiospores of *Heterobasidion annosum*. *Trans. Br. mycol. Soc.* 84:227-234.

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4. Stenlid, J. 1986. Biochemical and ecological aspects of the infection biology of *Heterobasidion annosum*. Ph D Thesis, Swedish University of Agricultural Sciences.
5. Stenlid, J. & Wästerlund, I. 1986. Estimating the frequency of stem rot in *Picea abies* using an increment borer. *Scand. J. For. Res.* 1:303-308.

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6. Stenlid, J. & Johansson, M. 1987. Infection of roots of Norway spruce (*Picea abies*) by *Heterobasidion annosum*. II. Early changes in phenolic content and toxicity. *Eur. J. For. Path.* 17:217-226.
7. Stenlid, J. 1987. Controlling and predicting the spread of *Heterobasidion annosum* from infected stumps and trees of *Picea abies*. *Scand. J. For. Res.* 2:187-198.

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8. Stenlid, J. & Swedjemark, G. 1988. Differential growth of S- and P-isolates of *Heterobasidion annosum* in *Picea abies* and *Pinus sylvestris*. *Trans. Br. mycol. Soc.* 90:209-213.

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10. Dahlberg, A. & Stenlid, J. 1990. Population structure and dynamics in *Suillus bovinus* as reflected by spatial distributions of fungal clones. *New Phytol.* 115:487-493.
11. Kirby, J.J.H., Stenlid, J. & Holdenrieder, O. 1990. Population structure and responses to disturbance of the basidiomycete *Resinicium bicolor*. *Oecologia* 85:178-184.

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12. Holmer, L. & Stenlid, J. 1991. Population structure and mating system in *Marasmius androsaceus*. *New Phytol.* 119:307-314.
13. Stenlid, J. & Holmer, L. 1991. Infection strategy of *Hymenochaete tabacina*. *Eur. J. For. Pathol.* 21:313-318.
14. Karlsson, J.-O. & Stenlid, J. 1991. Pectic isozyme profiles of intersterility groups in *Heterobasidion annosum*. *Mycol. Res.* 95:531-536.
15. Stenlid, J. & Karlsson, J.-O. 1991. Partial intersterility in *Heterobasidion annosum*. Intersterility in *Heterobasidion annosum*. *Mycol. Res.* 95:1153-1159.
16. Stenlid, J. & Rayner, A.D.M. 1991. Patterns of nuclear migration and heterokaryosis in pairings between homokaryons of *Heterobasidion annosum*. *Mycol. Res.* 95:1275-1283.
17. Wahlström, K., Karlsson, J.-O., Holdenrieder, O. & Stenlid, J. 1991. Pectinolytic activities and isozymes in European *Armillaria* species. *Can. J. Bot.* 69:2732-2739.

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18. Hansen, E.M., Stenlid, J. & Johansson, M. 1993. Somatic incompatibility, partial heterokaryosis, and new nuclear combinations in *Heterobasidion annosum*. *Mycol. Res.* 97:1223-1228.
19. Hansen, E.M., Stenlid, J. & Johansson, M. 1993. Genetic control of somatic incompatibility in the root rotting basidiomycete *Heterobasidion annosum*. *Mycol. Res.* 97:1229-1233.

20. Holmer, L. & Stenlid, J. 1993. The importance of inoculum size for the competitive ability of wood decomposing fungi. *FEMS Microbiol. Ecol.* 12:169-176.
21. Swedjemark, G. & Stenlid, J. 1993. Population dynamics of the root rot fungus *Heterobasidion annosum* following thinning of *Picea abies*. *Oikos* 66:247-254.

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22. Bendz, M. & Stenlid, J. 1994. Longterm reduction in the diameter growth of butt rot affected Norway spruce, *Picea abies*. *Forest Ecol. Managm.* 74:239-243.
23. Dahlberg, A. & Stenlid, J. 1994. Size, distributions and biomass of genets in populations of *Suillus bovinus* revealed by somatic incompatibility. *New Phytol.* 128:225-234.
24. Holmer, L., Nitare, L. & Stenlid, J. 1994. Population structure and decay pattern of *Phellinus tremulae* in *Populus tremula* as determined by somatic incompatibility. *Can J Bot* 72:1392-1395.
25. Stenlid, J. & Karlsson, J.-O. & Högborg, N. 1994. Intraspecific genetic variation in *Heterobasidion annosum* revealed by amplification of mini satellite DNA. *Mycol. Res.* 98:57-63.

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26. Swedjemark, G. & Stenlid, J. 1995. Susceptibility of conifer and broadleaf seedlings to Swedish S- and P-strains of *Heterobasidion annosum* under green house conditions. *Plant Pathology* 44:73-79.
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28. Högborg, N., Stenlid, J & Karlsson, J.-O. 1995. Genetic differentiation in *Fomitopsis pinicola* (Swartz:Fr.) Karst. studied by means of arbitrary primed PCR of minisatellite DNA. *Molecul. Ecol.* 4:675-680.
29. Vollbrecht, G., Johansson, U., Eriksson, H. & Stenlid, J. 1995. Butt rot development, yield and growth pattern in a tree species experiment in southwestern Sweden. *Forest Ecol Managm.* 76:87-93.

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30. Holmer, L. & Stenlid, J. 1996. Diffuse competition among wood decay fungi. *Oecologia* 106:531-538.
31. Swedjemark, G. & Stenlid, J. 1996. Variation in spread of *Heterobasidion annosum* in clones of *Picea abies* grown at different vegetation phases. *Scand. J. For Res.* 11:137-144.
32. Vassiliauskas R, Stenlid J & Johansson M. 1996. Fungal flora of bark peeling wounds of *Picea abies* in central Sweden. *Eur. J For Pathol.* 26:285-296.

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33. Bendz-Hellgren, M & Stenlid, J. 1997. Decreased volume growth of *Picea abies* in response to *Heterobasidion annosum* infection. *Can. J. For. Res.* 27:1519-1524.
34. Holmer, L. & Stenlid, J. 1997. Competitive hierarchies of wood decomposing basidiomycetes in artificial systems based on variable inoculum sizes. *Oikos* 79:77-84.
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36. Holmer, L. Renvall P & Stenlid, J. 1997. Selective replacement between species of wood rotting Basidiomycetes; a laboratory study. *Mycol. Res* 101:714-720.
37. Swedjemark, G. & Stenlid, J. 1997. Variation in growth of *Heterobasidion annosum* in sapwood and bark among cuttings of *Picea abies*. *Can J Forest Res* 27:711-715.
38. Thor, M., Bendz-Hellgren, M. & Stenlid, J. 1997. Sensitivity of the root rot antagonist *Phlebiopsis gigantea* spores to high temperature or pressure. *Scand. J. For. Res.* 12:356-361.
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40. Bendz-Hellgren, M. and Stenlid, J. 1998. Effect of clear-cutting, and wood moisture content on the susceptibility of Norway spruce stumps to *Heterobasidion annosum*. *Can. J. For. Res.* 28(5):759-765.
41. Stenlid J & Vassiliauskas R. 1998. Genetic diversity within and among vegetative compatibility groups of *Stereum sanguinolentum*. *Mol. Ecol.* 7:1265-1274.
42. Swedjemark, G. Stenlid, J & Karlsson, B. 1998. Genetic variation among clones of *Picea abies* in resistance to growth of *Heterobasidion annosum*. *Silva genetica* 46, 6:369-374.
43. Vassiliauskas, R & Stenlid, J. 1998. Population structure and genetic variation in *Cylindrobasidium evolvens*. *Mycol. Res.* 102:1453-1458.
44. Vassiliauskas, R & Stenlid, J. 1998. Influence of spatial scale on population structure of *Stereum sanguinolentum* in Northern Europe. *Mycol. Res.* 102:93-98.

45. Vasiliauskas, R & Stenlid, J. 1998. Fungi inhabiting stems of *Picea abies* in a managed stand in Lithuania. *Forest Ecology and Management* 109:119-126.
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51. Asiegbu, FO, Johansson, M & Stenlid, J. 1999. Reactions of *Pinus sylvestris* (Scots pine) root tissues to the presence of mutualistic, saprotrophic and necrotrophic micro-organisms. *J. Phytopathology* 147:257-264.
52. Bendz-Hellgren, M, Brandtberg, P-O, Johansson, M Stenlid, J & Swedjemark, G. 1999. Growth rate of *Heterobasidion annosum* in *Picea abies* established on forest land and arable land. *Scand J For Res.* 14:402-407.
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57. Högborg, N, Holdenrieder, O & Stenlid, J. 1999. Population structure of the wood decay fungus *Fomitopsis pinicola*. *Heredity* 83: 354-360.
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59. Lindahl, B, Stenlid, J, Olsson, S & Finlay, R. 1999. Interactions between ectomycorrhizal fungi and wood decomposing fungi. *New Phytologist* 144: 183-193.
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67. Stenlid, J. 2000. Variation with and without sex in mycorrhizal fungi. *Oikos.* 90:609-611.

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70. Swedjemark, G. & Stenlid, J. 2001. Highly diverse population of *Heterobasidion annosum* in a single stump of *Picea abies*. *Mycological Research* 105:183-189.
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74. Johannesson, H, Gustafsson, M & Stenlid, J. 2001. Local population structure of the wood decay ascomycete *Daldinia loculata*. *Mycologia*. 93:440-446.
75. Johannesson, H, Vasiliauskas, R, Dahlberg, A, Penttilä, R & Stenlid, J. 2001. Genetic differentiation in Eurasian populations of the postfire ascomycete *Daldinia loculata*. *Molecular Ecology* 10:1665-1677.
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77. Ihrmark, K, Zheng, J, Stenström, E & Stenlid, J. 2001. Presence of double-stranded RNA in *Heterobasidion annosum*. *Forest Pathology* 31:387-394
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79. Vasiliauskas, R, Juška, E, Stenlid, J & Vasiliauskas, A. 2001. Clonal differences and relations between diameter growth, stemcracks and fungi in a 36-year-old clonal seed orchard of Norway spruce (*Picea abies* (L.) Karst.). *Silva Genetica* 50:227-233.

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