

BIOGRAPHY

2012-07-01



Title and name

Dr. Christer Magnusson

Nationality

Swedish

Panel

Panel on Plant Health.

Education

PhD 1982 Plant Protection Nematology Swedish University of Agricultural Sciences

MSc. Nematology 1977 Imperial College, University of London

Candidate of Philosophy (B.Sc)1974. University of Stockholm

Scientific and risk assessment experience

- Plant nematology (Agriculture and Forestry)
 - Diagnostic protocols, contingency planning and control standards pine wood nematode
 - Pest risk assessments and Scientific Opinions on pine wood nematode
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Main scientific publications

Soil biology/ecology, nematode host-parasite relationships, morphology and taxonomy, pine wood nematode biology and risk profiles, nematode surveys, sanitation and management.

Bergseng, B., Økland, B., Gobakken, T., Magnusson, C., Rafoss, T. & Solberg, B. 2011. Combining ecological and economic modelling in analysing a pest invasion contingency plan – the case of Pine Wood Nematode in Norway. *Scand. J. For. Res.* 26: 1-13

Økland, B., O. Skarpaas, M. Schroeder, C. Magnusson, Å. Lindelöw & K. Thunes 2010. Is Eradication of the Pinewood Nematode (*Bursaphelenchus xylophilus*) Likely? An Evaluation of Current Contingency Plans. *Risk Analysis* 30: 1424-1439.

Magnusson, C., Thunes, K.H., Nyeggen, H., Overgaard, H., Rafoss, T., Haukeland, S., Brurberg, M.B., Rasmussen, I., Strandenæs, K-A., Økland, B. & Hammeraas, B. 2007. Surveillance of Pine Wood Nematode (PWN) *Bursaphelenchus xylophilus* – Norwegian Surveys 2000-2006. *Bioforsk Report* 2 (104): 22 pp + V.

Bøen, A, Hammeraas, B., Magnusson, C. & Aasen, R. 2006. Fate of the Potato Cyst Nematode *Globodera rostochiensis* During Composting. *Compost Science & Utilization* 14: 142-146.

Magnusson, C., Økland, B. & Solheim, H. 2001. Wood Chips. Session IV-Hazards and Economic Impacts Associated with Different Forest Pest Pathways. 6 pp. In: *Risks of Exotic Forest Pests and their Impact on Trade. An International Online Workshop to reduce movement of forest pests with a minimal impact on trade.* <http://www.exoticpests.apsnet.org/Papers/magnusson.htm>

Sundheim, L., Økland, B., Magnusson, C., Solberg, B., Rafoss, T. 2010. Pest risk assessment of the Pine Wood

Nematode (PWN) *Bursaphelenchus xylophilus* in Norway – Part 2. Opinion of the Plant Health Panel of the Scientific Committee for Food Safety, 08/906-6_final, ISBN 978-82-8259-002-0 (Electronic edition). 21 pp. VKM, Oslo, Norway.

- Holgado, R. and Magnusson, C. 2010. Management of PCN (*Globodera* spp.) populations under Norwegian conditions. *Aspects of Applied Biology* 103: 85-92.
- VKM 2008. Pest risk assessment of the Pine Wood Nematode (PWN) *Bursaphelenchus xylophilus* in Norway – Part 1. Norwegian Scientific Committee for Food Safety 08/906-4. (collective authorship).
- Evans, H.F., McNamara, D.G., Braasch, H., Chadoeuf, J. & Magnusson, C. 1996. Pest Risk Analysis (PRA) for the territories of the European Union (as PRA area) on *Bursaphelenchus xylophilus* and its vectors in the genus *Monochamus*. *EPPO Bulletin* 26: 199-249.
- Magnusson, C. 2001. Strategy of protection of European forests from pine wood nematodes. *IUFRO World Series* 11: 193-199.
- Magnusson, C., Hammeraas, B., Netland, J. & Folkedal, A. 2000. Survival of potato cyst nematode, *Globodera rostochiensis*, (PCN) and wild oat, *Avena fatua*, in the production of VEAS-Biosolids. *Planteforsk Rapport* 22/2000: 1-14.
- Magnusson, C. & Kulinich, O.A. 1996. A taxonomic appraisal of the original description, morphology and status of *Bursaphelenchus kolymensis* Korentchenko, 1980 (Aphelenchida: Aphelenchoididae). *Russian Journal of Nematology* 4: 155-161.
- Dwinell, L.D., Magnusson, C. & Tomminen, J. 1994. Evaluation of a Swedish steam-dryer for treatment of *Bursaphelenchus xylophilus* in pine chips. *EPPO Bulletin* 24:805-811.
- Schroeder, L.M. & Magnusson, C. 1992. Transmission of *Bursaphelenchus mucronatus* (Nematoda) to branches and bolts of *Pinus sylvestris* and *Picea abies* by the cerambycid beetle *Monochamus sutor*. *Scand. J. For. Res.* 7: 107-112.
- Magnusson, C. 1986. Potential for establishment of *Bursaphelenchus xylophilus* and the pine wilt disease under Nordic conditions. *EPPO Bulletin* 16: 465-471.
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