

PUBLICATIONS – MARTIN SCHROEDER

A. ORIGINAL PAPERS IN REFEREED JOURNALS AND BOOK CHAPTERS

Birkhof K et al. Methods to identify the prey of invertebrate predators in terrestrial field studies. *Ecology and Evolution*, in press.

Marini, L., Økland, B., Jönsson, A.M., Bentz, B., Carroll, A., Forster, B., Grégoire, J.-C., Hurling, R., Nageleisen, L.M., Netherer, S., Ravn, H.P., Weed, A. & Schroeder, M. 2017. Climate drivers of bark beetle outbreak dynamics in Norway spruce forests. *Ecography* (doi: 10.1111/ecog.02769).

Pajares, J.A., Alvarez, G., Hall, D.R., Ibarra, N., Hoch, G., Halbig, P., Cocos, D., Johansson, H. & Schroeder, M. 2016. Attractants for management of the pine sawyer beetle *Monochamus sutor*, a potential vector of *Bursaphelenchus xylophilus*. *Journal of Applied Entomology* (published online 10 May 2016).

Kärvemo, S., Johansson, V., Schroeder, M. & Ranius, T. 2016. Local colonization-extinction dynamics of a tree-killing bark beetle during a large-scale outbreak. *Ecosphere* 7(3):e01257.10.1002/ecs2.1257

Klapwijk et al. 2016. Reducing the risk of invasive forest pests and pathogens. Combining legislation, targeted management and public awareness. *Ambio* 45: 223-234.

Klapwijk, M., Bylund, H., Schroeder, M. & Björkman, C. 2016. Forest management and natural biocontrol of insect pests. *Forestry* 89: 253–262

Ranius, T., Korosuo, A., Roberge, J.-M., Juutinen, A., Mönkkönen, M. & Schroeder, M. 2016. Cost-efficient strategies to preserve dead wood-dependent species in a managed forest landscape. *Biological Conservation* 204: 197-204.

Ranius, T., Mestre, L., Bouget, C. & Schroeder, M. 2016. Fragmentation effects on species associated with disturbed forest habitats: implications for stump harvesting. *Scandinavian Journal of Forest Research* (published online 16 September 2016).

Schroeder, M. & Dalin, P. 2016. Differences in photoperiod-induced diapause plasticity among different populations of the bark beetle *Ips typographus* and its predator *Thanasimus formicarius*. *Agricultural and Forest Entomology* (published online 27 September 2016).

Björklund, N., Lindelöw, Å. & Schroeder, M.L. 2016. Erroneous conclusions about current geographical distribution and future expansion of forest insects in Northern Sweden: Comments on Hof and Svahlin (2015). *Scandinavian Journal of Forest Research* 31: 126-127.

Rahmani, R., Hedenstrom, E. & Schroeder, M. 2015. SPME collection and GC-MS analysis of volatile compounds emitted during the attack of male *Polygraphus poligraphus*

(Coleoptera, Curculionidae) on Norway spruce. Zeitschrift für Naturforschung 70: 265-273.

Rubene D., Schroeder M. & Ranius T. 2015. Diversity patterns of wild bees and wasps in managed boreal forest: effects of spatial structure, local habitat and surrounding landscape. Biological Conservation 184: 201-208.

Rubene D., Schroeder M. & Ranius T. 2015. Estimating bee and wasp (Hymenoptera: Aculeata) diversity on clear-cuts in forest landscapes – an evaluation of sampling methods. Insect Conservation and Diversity 8: 261-271.

Lindelöw, Å., Isacsson, G., Ravn H.P. & Schroeder, M. 2015. *Tetropium gabrieli* and *Ips cembrae* (Coleoptera; Cerambycidae and Curculionidae) –invasion of two potential pest species on larch in Sweden. Entomologisk Tidskrift 136: 103-112.

Ranius, T., Johansson, V., Schroeder, M. & Caruso, A. 2015. Relative importance of habitat characteristics at multiple spatial scales for wood-dependent beetles in boreal forest. Landscape Ecology 30: 1931-1942.

Björkman, C., Bylund, H., Nilsson, U., Nordlander, G. & Schroeder, M. 2015. Effects of new forest management on insect damage risk in a changing climate. In: Climate Change and Insect pests (eds. Björkman, C. & Niemelä, P.). CABI climate change series; 7, pp 248-266.

Strid, Y., Schroeder, M., Lindahl, B., Ihrmark, K. & Stenlid, J. 2014. Bark beetles have a decisive impact on fungal community in Norway spruce stem sections. Fungal Ecology, 7: 47-58.

William J. Sutherland, W.J., Bradbury, R.B., Clothier, B., Dicks, L.V., Gardiner, T., Jonsson, M., Kapos, V., Lane, S.L., Moller, I., Schroeder, M.L., Spencer, T. & White, P.C.L. 2014. Solution scanning as a key policy tool: identifying management interventions to help maintain and enhancing ecosystem services. Ecology and Society, 19: 3.

Kärvemo, S., Boeckel, T.P., Gibert, M., Gregoire, JC & Schroeder, M. 2014. Large-scale risk mapping of an eruptive bark beetle – importance of forest susceptibility and beetle pressure. Forest Ecology and Management 318: 158-166.

Kärvemo, S., Rogell, B. & Schroeder, M. 2014. Dynamics of spruce bark beetle infestation spots: Importance of local population size and landscape characteristics after a storm disturbance. Forest Ecology and Management 334: 232-240.

Jonsell, M. & Schroeder, M. 2014. Proportions of saproxylic beetle populations that utilise clear-cut stumps in a boreal landscape - Biodiversity implications for stump harvest. Forest Ecology and Management 334: 313-320.

Pajares, J.A., Álvarez, G., Hall, D.R., Centeno, F., Ibarra, N., Schroeder, M. et al. 2013. 2-(Undecyloxy)-ethanol is a major component of the male-produced aggregation

- pheromone of *Monochamus sutor*. Entomologia Experimentalis et Applicata, 149: 118-127.
- Marini, L., Lindelöw, Å., Jönsson, A.M., Wulff, S. & Schroeder, L.M. 2013. Population dynamics of the spruce bark beetle: A long-term study. Oikos, 122: 1768-1776.
- Schroeder, L.M. 2013. Detection and monitoring of forest insects and associated pathogens. Editorial. Agricultural and Forest Entomology, 15: 111-112.
- Schroeder, L.M. 2013. Monitoring of *Ips typographus* and *Pityogenes chalcographus*: influence of trapping site and surrounding landscape on catches. Agricultural and Forest Entomology, 15: 113-119.
- Wallin, H.; Schroeder, M. & Kvamme, T. 2013. A review of the European species of the genus *Monochamus* Dejean, 1821 (Coleoptera: Cerambycidae, Lamiinae, Monochamini) with a description of the genitalia characters. Norwegian Journal of Entomology, 60: 11-38.
- Colombari, F., Schroeder, L.M., Faccoli, M. & Battisti, A. 2013. Spatio-temporal dynamics of an *Ips acuminatus* outbreak and implications for management. Agricultural and Forest Entomology, 15: 34-42.
- Jönsson, A.M., Schroeder, M., Lagergren, F.; Anderbrant, O. & Smith, B. 2012. Guess the impact of *Ips typographus* – an ecosystem modeling approach for simulating spruce bark beetle outbreaks. Agricultural and Forest Meteorology, 166-167: 188-200.
- Djupberg, L.B., Weslien, J., Hoopen, J ten & Schroeder, L.M. 2012. Restoration of habitats for a threatened saproxylic beetle in a boreal landscape by retaining dead wood on clear-cuts. Biological Conservation, 155: 44-49.
- Colombari, F., Battisti, A., Schroeder, L.M. & Facoli, M. 2012. Life history traits promoting outbreaks of the pine bark beetle *Ips acuminatus* (Coleoptera: Curculionidae, Scolytinae) in the south-eastern Alps. European Journal of Forest Research, 131: 553-561.
- Weslien, J., Djupberg, L.B. Schroeder, L.M. & Widenfalk, O. 2011. Long-term priority effects among insects and fungi colonizing decaying wood. Journal of Animal Ecology, 80: 1155-1162.
- Jönsson, A.M., Harding, S., Krokene, P., Lange, H., Lindelöw, Å., Økland, B., Ravn, H.P. & Schroeder, L.M. 2011. Modelling the potential impact of global warming on *Ips typographus* voltinism and reproductive diapauses. Climatic Change, 109: 695-718.

- Schroeder, L.M., Sahlin, E. & Paltto, H. 2011. Retention of aspen (*Populus tremulae*) at final cuttings – The effect of dead wood characteristics on saproxylic bettles. Forest Ecology and Management, 262: 853-862.
- Björkman, C., Bylund, H., Klapwijk, M.J., Kollberg, I. & Schroeder, M. 2011. Insect pests in future forests: more severe problems? Forests, 2: 474-485.
- Komonen, A., Schroeder, L.M. & Weslien, J. 2011. *Ips typographus* population development after a severe storm in a nature reserve in southern Sweden. Journal of Applied Entomology, 135: 132-141.
- Kärvemo, S. & Schroeder, L.M. 2010. A comparison of outbreak dynamics of the spruce bark beetle in Sweden and the mountain pine beetle (Curculionidae: Scolytinae) in Canada. Entomologisk Tidskrift, 131: 215-224.
- Djupström, L.B., Perhans, K., Gustafsson, L., Schroeder, L.M., Weslien, J. & Wikberg, S. 2010. Co-variation and surrogate capacity of lichens, bryophytes and saproxylic beetles in Swedish boreal forests. Systematics and Biodiversity, 8: 247-256.
- Økland, B., Skarpaas, O., Schroeder, L.M., Magnusson, C., Lindelöw, Å. & Thunes, K. 2010. Is eradication of the pine wood nematode (*Bursaphelenchus xylophilus*) likely? An evaluation of current contingency plans. Risk Analysis, 30: 1424-1439.
- Sahlin, E. & Schroeder, L.M. 2010. Importance of habitat patch size for occupancy and density of aspen-associated saproxylic beetles. Biodiversity and Conservation, 19: 1325-1339.
- Schroeder, L.M. 2010. Colonisation of storm gaps by the spruce bark beetle – influence of gap and landscape characteristics. Agricultural and Forest Entomology, 12: 29-39.
- Wikberg, S., Perhans, K., Kindstrand, C., Boberg Djupström, L., Boman, M., Mattsson, L., Schroeder, L.M., Weslien, J. & Gustafsson, L. 2009. Cost-effectiveness of conservation strategies implemented in boreal forests: The area selection process. Biological Conservation, 142: 614-624.
- Perhans, K., Kindstrand, C., Boman, M., Djupström, L., Gustafsson, L., Mattsson, L., Schroeder, L.M., Weslien, J. & Wikberg, S. 2008. Conservation goals and the relative importance of costs and benefits in reserve selection. Conservation Biology, 22: 1331-1339.
- Boberg Djupström, L., Weslien, J. & Schroeder, L.M. 2008. Dead wood and saproxylic beetles in set-aside and non set-aside forests in a boreal region. Forest Ecology and Management, 255: 3340-3350.
- Schroeder, L.M. 2008. Insect pests and forest energy. In: D. Röser et al. (eds.), sustainable use of forest biomass for energy – a synthesis with focus on the Nordic and Baltic countries, 109-127. Springer.

Schroeder, L.M. 2007. Retention or salvage logging of standing trees killed by the spruce bark beetle *Ips typographus* – consequences for dead wood dynamics and biodiversity. Scandinavian Journal of Forest Research. 22: 524-530.

Stupak, I., Asikainen, A., Jonsell, M., Karlton, E., Lunnan, A., Mizaraitė, D., Pasanen, K., Pärn, H., Raulund-Rasmussen, K., Röser, D., Schroeder, M., Varnagiryte, I., Vilkriste, L., Callesen, I., Clarke, E., Gaitnieks, T., Ingerslev, M., Mandre, M., Ozolincius, R., Saarsalmi, A., Armolaitis, K., helmisaari, H.-S., Indriksons, A., Kairiukstis, L., Katzensteiner, K., Kukkola, M., Ots, K., Ravn, H.P. & Tamminen, P. 2007. Sustainable utilisation of forest biomass for energy – possibilities and problems: policy, legislation, certification, and recommendations and guidelines in the Nordic, Baltic, and other European countries. Biomass and Bioenergy. 31: 666-684.

Schroeder, L.M. 2007. Escape in space from enemies: a comparison between stands with andwithout enhanced densities of the spruce bark beetle. Agricultural and Forest Entomology. 9: 85-91.

McGeoch, M.A., Schroeder, L.M., Ekbom, B. & Larsson, S. 2007. Saproxylic beetle diversity in a managed boreal forest: importance of stand characteristics and forestry conservation measures. Diversity and Distributions. 13: 418-429.

Schroeder,L.M., Ranius, T., Ekbom, B. & Larsson, S. 2007. Spatial occurrence of a habitat-tracking saproxylic beetle inhabiting a managed forest landscape. Ecological Applications. 17: 900-909.

Schroeder,L.M., Ranius, T., Ekbom, B. & Larsson, S. 2006. Recruitment of saproxylic beetles in high stumps created for maintaining biodiversity in a boreal forest landscape. Can. J. For. Res. 36: 2168-2178.

Ekbom, B., Schroeder, L.M. & Larsson, S. 2006. Stand specific occurrence of coarse woody debris in a managed boreal forest landscape in central Sweden. For. Ecol. Manage. 221: 2-12.

Jonsell, M., Schroeder, L.M. & Weslien, J. 2005. Saproxylic beetles in high stumps of spruce – fungal flora important for determining the species composition. Scand. J. For. Res. 20: 54-62.

Hedgren, P.O. & Schroeder, L.M. 2004. Reproductive success of the spruce bark beetle *Ips typographus* (L.) and occurrence of associated insects: a comparison between standing beetle-killed trees and cut trees. For. Ecol. Manage. 203: 241-250.

Jonsell, M., Schroeder, L.M. & Larsson, T. 2003. The saproxylic beetle *Bolitophagus reticulatus*: its frequency in managed forests, attraction to volatiles and flight period. Ecography. 26: 421-428.

- Schroeder, L.M. & Lindelöw, Å. 2003. Response of *Ips typographus* (Scolytidae: Coleoptera) and other bark- and wood-boring beetles to a flash flood event. Scand. J. For. Res. 18: 218-224.
- Schroeder, L.M. 2001. Tree mortality by the bark beetle *Ips typographus* (L.) in storm-disturbed stands. Integrated Pest Management Reviews. 6: 169-175. (Published in 2003).
- Schroeder, L.M. 2003. Differences in responses to α -pinene and ethanol, and flight periods between the bark beetle predators *Thanasimus formicarius* and *T. formicarius* (Col.: Cleridae). For. Ecol. Management. 177: 301-311.
- Hedgren, P.O., Schroeder, L.M. & Weslien, J. 2003. Tree killing by *Ips typographus* (Coleoptera: Scolytidae) at stand edges with and without colonised felled spruce trees. Agricultural and Forest Entomology, 5: 67-74.
- Hedgren, P.O., Weslien, J & Schroeder, L.M. 2003. Risk of attack by the bark beetle *Pityogenes chalcographus* (L.) on living trees close to colonized felled spruce trees. Scand. J. For. Res. 18: 39-44.
- Schroeder, L.M. & Lindelöw, Å. 2002. Attacks on living spruce trees by the bark beetle *Ips typographus* (Col.: Scolytidae) following a storm-felling: a comparison between stands with and without removal of wind-felled trees. Agricultural and Forest Entomology, 4: 47-56.
- Lindelöw, Å. & Schroeder, L.M. 2001. Spruce bark beetle, *Ips typographus* (L.), in Sweden: monitoring and risk assessment. J. For. Sc. 47 (40-42).
- Göthlin, E., Schroeder, L.M. & Lindelöw, Å. 2000. Attacks by *Ips typographus* and *Pityogenes chalcographus* on windthrown spruces (*Picea abies*) during the two years following a storm felling. Scand. J. For. Res. 15: 542-549.
- Schroeder, L.M. 1999. Prolonged development time of the bark beetle predator *Thanasimus formicarius* (Col.: Cleridae) in relation to its prey species *Tomicus piniperda* and *Ips typographus* (L.). Agricultural and Forest Entomology. 1: 127-135.
- Weslien, J. & Schroeder, L.M. 1999. Population levels of bark beetles and associated insects in managed and unmanaged spruce stands. For. Ecol. Management. 115: 267-275.
- Schroeder, L.M. 1999. Population levels and flight phenology of bark beetle predators in stands with and without previous infestations of the bark beetle *Tomicus piniperda*. For. Ecol. Management. 123: 31-40.
- Schroeder, L.M., Weslien, J., Lindelöw, Å. & Lindhe, A. 1999. Attacks by bark- and wood-boring Coleoptera on mechanically created high stumps of Norway spruce in the two years following cutting. For. Ecol. Management. 123: 21-30.

- Schroeder, L.M. 1997. Oviposition behavior and reproductive success of the cerambycid *Acanthocinus aedilis* in the presence and absence of the bark beetle *Tomicus piniperda*. Entomol. exp. appl. 82:9-17.
- Schroeder, L.M. 1996. Interactions between the predators *Thanasimus formicarius* (Col.: Cleridae) and *Rhizophagus depressus* (Col.: Rhizophagidae), and the bark beetle *Tomicus piniperda* (Col.: Scolytidae). Entomophaga 41:63-75.
- Schroeder, L.M. & Weslien, J. 1995. Interactions between the phloem-feeding species *Tomicus piniperda* (Col.: Scolytidae) and *Acanthocinus aedilis* (Col.: Cerambycidae), and the predator *Thanasimus formicarius* (Col.: Cleridae) with special reference to brood production. Entomophaga 39:149-157.
- Schroeder, L.M. & Weslien, J. 1994. Reduced offspring production in the bark beetle *Tomicus piniperda* in pine bolts baited with ethanol and α -pinene, which attract antagonistic insects. J. Chem. Ecol. 20:1429-1444.
- Schroeder, L.M. 1993. Attraction of *Epuraea bickhardti* St.-Claire Deville and *E. boreella* (Zetterstedt) (Coleoptera, Nitidulidae) to ethanol and α -pinene. Entomol. Fennica 4:133-135.
- Schroeder, L.M. & Eidmann, H.H. 1993. Attacks of bark- and wood-boring Coleoptera on snow-broken conifers over a two-year period. Scand. J. For. Res. 8:257-265.
- Schroeder, L.M. 1992. Olfactory recognition of nonhosts aspen and birch by conifer bark beetles *Tomicus piniperda* and *Hylurgops palliatus*. J. Chem. Ecol. 18:1583-1593.
- Schroeder, L.M. 1992. Olfactory recognition of nonhosts aspen and birch by conifer bark beetles *Tomicus piniperda* and *Hylurgops palliates*. J. Chem. Ecol. 18: 1583-1593.
- 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.
- Schroeder, L.M. 1990. Occurrence of insects in coniferous roundwood imported to Sweden from France and Chile. EPPO Bulletin 20:591-596.
- Schroeder, L.M. 1990. Duct resin flow in Scots pine in relation to the attack of the bark beetle *Tomicus piniperda* (L.) (Col., Scolytidae). J. Appl. Ent. 109:105-112.
- Schroeder, L.M. & Lindelöw, Å. 1989. Attraction of scolytids and associated beetles by different absolute amounts and proportions of α -pinene and ethanol. J. Chem. Ecol. 15:807-817.
- Magnusson, C. & Schroeder, L.M. 1989. First record of a *Bursaphelenchus*-species (Nematoda) in *Monochamus* beetles in Scandinavia. Anz. Schädlingskde., Pflanzenschutz, Umweltschutz 62:53-54.

- Schroeder, L.M. & Risberg, B. 1989. Establishment of a new brood in *Tomicus piniperda* (L.) (Col., Scolytidae) after a second hibernation. J. Appl. Ent. 108: 27-34.
- Sjödin, K., Schroeder, L.M., Eidmann, H.H., Norin, T. & Wold, S. 1989. Attack rates of scolytids and composition of volatile wood constituents in healthy and mechanically weakened trees. Scand. J. For. Res. 4:379-391.
- Schroeder, L.M. 1988. Attraction of the bark beetle *Tomicus piniperda* and some other bark- and wood-living beetles to the host volatiles α -pinene and ethanol. Entomol. exp. appl. 46:203-210.
- Schroeder, L.M. 1987. Attraction of the bark beetle *Tomicus piniperda* to Scots pine trees in relation to tree vigor and attack density. Entomol. exp. appl. 44:53-58.
- Schroeder, L.M. & Eidmann, H.H. 1987. Gallery initiation by *Tomicus piniperda* (Coleoptera: Scolytidae) on Scots pine trees baited with host volatiles. J. Chem. Ecol. 13:1591-1599.
- Schroeder, L.M. & Eidmann, H.H. 1986. The effects of pure and blended atmospheric gases on the survival of three bark beetle species. Z. ang. Ent. 101:353-359.

B. POPULAR SCIENTIFIC PUBLICATIONS

- Schroeder, M. & Wulff, S. 2016. Fortsatta barkborreskador i mellersta Norrland. SkogsEko nummer 4, 31 december 2016, sid 38.
- Schroeder, M. & Kärvemo, S. 2015. Var är risken störst för att granbarkborre ska döda träd? Fakta Skog Nr 7
- Schroeder, M., Kärvemo, S. & Wulff, S. 2015. Ny kunskap om skaderisker. SkogsEko 2015 (3): 15.
- Schroeder, M. & Wulff, S. 2014. Gynnsamt för granbarkborrar i norr – ökad risk för skador framöver. Nyhetsnotis SLU.
- Schroeder, M. & Wulff, S. 2014 Risken för skador av granbarkborre ökar. SkogsEko 29:35
- Schroeder M. 2013. Vindfälten och konkurrens styr antalet granbarkborrar. Svampar och insekter, Rapport från Future Forests 2009-2012 (eds Björkman C & Stenlid J) sidorna 16 – 17.
- Schroeder M, Lindelöw Å, Wulff S , Jönsson AM. 2013. Vindfälten och konkurrens styr hur många granbarkborrarna blir. SkogsEko, 28 (3): 41.
- Schroeder, M. & Wulff, S. 2013. Dukat bord för granbarkborren efter Dagmar. Under tryckning.
- Schroeder, M. 2012. Ny kunskap om skadegörare. SkogsEko 27 (3): 4

Schroeder M., Lindelöw Å. & Wulf S. 2012. Nya angrepp av granbarkborre hotar. SkogsEko
27 (1): 42-43.

Schroeder, M. 2012. Strategies for detection and delimitation surveys of the pine wood
nematode in Sweden. Swedish Board of Agriculture, Report 2012:4, 36 pp.

Schroeder, M. 2011. Minskade skador av granbarkborre väntas. SkogsEko 26 (4): 5.

Schroeder, M. 2011. Övervintringsbeteende hos granbarkborren. Formas forskning om skog –
ett urval projekt. Br 2, 2011: 41-42.

Schroeder, M. 2011. Kollaps av granbarkborreutbrott – timing och orsaker. Formas forskning
om skog – ett urval projekt. Br 2, 2011: 43.

Schroeder, M. 2011. Mer än bara barkborre. SkogsEko 26 (2): 15.

Schroeder, M. 2011. Fler borrar skadar nordliga granar. Notiser från SLU, 1, 2011.

Kärvemo, S. & Schroeder, M. 2011. Därför slår barkborren ännu hårdare i Kanada. SkogsEko
26: 7.

Schroeder, M. 2010. Färre träd väntas dö i syd 2011. SkogsEko 4/2010

Schroeder, M. 2009. Fortsatt låg förökning för granbarkborren. SkogsEko 4/09

Schroeder, M. 2008. Vilka stormluckor löper störst risk att koloniseras av granbarkborre?
FaktaSkog 6, 2008.

Lindelöw, Å. & Schroeder, L.M. 2008. The storm Gudrun and the spruce bark beetle in
Sweden. Forstschutz Aktuell 44: 5-7.

Schroeder, M. 2008. Dålig fart på granbarkborrarnas förökning i år. SkogsEko 4/08.

Schroeder, M. 2008. Många barkborrar dör under vintern. SkogsEko 3/08.

Schroeder, M. 2008. Dödade träd måste plockas ut i tid. SkogsEko, 1/08.

Schroeder, L.M. 2007. Hur effektivt är det att avverka granbarkborredödade träd? SkogsEko,
3/07.

Lindelöw, Å., Schroeder, L.M. & Hedgren, P.O. 2006. Gigantiskt angrepp av barkborre i
Kanada. Resurs 1/2006: 10-12.

Schroeder, M. 2006. Hur stora blir granbarkborreskadorna? SkogsEko, 1/06.

Schroeder, M. 2006. Träd med rotkontakt minskar risken. SkogsEko, 1/06.

Lindelöw, Å. & Schroeder, M. 2006. Fångsten varierar mellan olika områden. SkogsEko,
1/06.

Jonsell, M., Lindhe, A., Schroeder, M. & Weslien, J. 2004. Högstubbar utnyttjas av många arter. SkogForsk, Resultat nr 19.

Weslien, J & Schroeder, L.M. 2004. Högstubbar bra för vissa arter. SkogsEko, 1/04

Schroeder, M & Lindelöw, Å. 2003. Stormfällning och granbarkborre – hur stor är risken för Skador? FaktaSkog, nr 6

Hedgren, P.O., Schroeder, L.M. & Weslien, J. 2002. Liten risk för insektsskador vid lagring av GROT vid granskog. SkogForsk, Resultat nr 17.

Hedgren, P.O., Schroeder, L.M. & Weslien, J. 2002. Enstaka vindfällen ökar inte risken för barkborreskador. SkogForsk, Resultat nr 23.

Magnusson, C., Schroeder, M. & Tomminen, J. 2000. Nordic Pine Wood Nematode Survey - Manual. Report Dated 200-02-11

Schroeder, L.M. & Lindelöw, Å. 1999. Reservat och risk för skador orsakade av granbarkborre. Skog & Forskning 4/99: 18-22.

Lindelöw, Å. & Schroeder, L.M. 1999. Tillkapade högstubbar av gran. Skog & Forskning 4/99: 15-17.

Schroeder, L.M. & Lindelöw, Å. 1999. Vad hände efter stormen '95'? - så studerades granbarkborrens framfart i Ryfors Gammelskog. Årsringar, Vintern 1999: 19.

Schroeder, L.M. & Lindelöw, Å. 1999. Barkborrar sprids från reservat. Skogen 12.

Schroeder, M. 1997. Myrbaggar mot märgborrar. I "Forskning om levande naturresurser", Stiftelsen Oskar och Lili Lamms Minne 25 år, SLU.

Lindelöw, Å., Långström, B., Olofsson, E., Schroeder, M. & Larsson, S. 1997. Tallmätarhärjningen på Hökensås. Fakta Skog, Nr 3, 1997.

Schroeder, L.M. & Weslien, J. 1996. Lämna många sorters ved! Skogen 1/96:45.

Schroeder, L.M. 1995. Högstubbar - vilken nyttा gör dom? SkogsEko 2/95:16-17.

Schroeder, L.M. 1995. Insektsskador i samband med lagring av barrträdsvirke. Fakta Skog konferens 1/95:28-30.

Lindelöw, Å; Schroeder, L.M. & Samuelsson, H. 1995. Granbarkborren slår till igen. SkogsEko 4/95:4-5

Schroeder, L.M. 1994. Risker med virkesimport. Skogsfakta, Konferens. 18:115-120.

Schroeder, L.M. & Wallin, H. 1994. Hästmyror - deras biologi, skadegörelse i hus och möjligheter till bekämpning av hästmyror i byggnader. Information från Anticimex. 1-6.

Schroeder, L.M. 1989. Dofter hjälper större märgborren till rätt träd. Biologi och skogsskötsel 60. Sveriges Lantbruksuniversitet.

Schroeder, L.M. & Magnusson, C. 1989. Tallvednematoden - ett hot mot svensk skog. Skogsfakta, Biologi och skogsskötsel 64.

Schroeder, L.M. 1989. Doktorsavhandling: Host recognition in *Tomicus piniperda* (Coleoptera: Scolytidae) and other bark beetles attacking Scots pine. Växtskyddsnotiser 53: 149.

C. PROCEEDINGS AND OTHER PUBLICATIONS

- Långström, B., Lindelöw, Å., Schroeder, M., Björklund, N. & Öhrn, P. 2009. The spruce bark beetle outbreak in Sweden following the January-storms in 2005 and 2007. Proceedings of a workshop on "Insects and Fungi in Storm Areas" organised by the IUFRO WG7.03.10 "Methodology of Forest Insect and Disease Survey in Central Europe" on September 15 to 19, 2008 in Štrbské Pleso, Slovakia
- Larsson, S., Ekbom, B., Schroeder, L.M. & McGeoch, M.A. 2006. Saproxylic beetles in a Swedish boreal forest landscape managed according to new forestry. In: Grove, S.J. & Hanula, J.L. (eds.) Insect biodiversity and dead wood: proceedings of a symposium for the 22nd International Congress of Entomology. Gen. Tech. Rep. SRS-93, Asheville, NC: U.S. Department of Agricultural Forest Service, Southern Research Station. 109p.
- Schroeder, L.M. & Lindelöw, Å. 2006. Reproductive success of the spruce bark beetle *Ips typographus* and impact of natural enemies in five years following a storm-felling. Proceedings IUFRO Kanazawa 2003 International Symposium "Forest Insect Population Dynamics and Host Influences" (eds. Kamata, N., Liebhold, A.M., Quiring, D.T., Clancy, K.M.). Kanazawa University, Japan.
- Schroeder, M., Thuresson, T. & Mitsell, N. 2006. Granbarkborrens utnyttjande av vindfällen under första sommaren efter stormen Gudrun (The spruce bark beetle in wind-felled trees in the first summer following the storm Gudrun). Skogsstyrelsen, Rapport 15, 2006.
- Jönsson, A.M. & Schroeder, M. 2006. Granbarkborren – en scenarioanalys för 2006-2009. Skogsstyrelsen, Rapport 4, 2006.
- Schroeder, M. 2005. Escape in space from enemies: a comparison between stands with and without enhanced densities of the spruce bark beetle. In: Forest Insect Epidemics: Population Dynamics, Dispersal, and Ecosystem Impacts. University of Northern British Columbia, Prince George, BC, Canada, July 11-14, 2005.
- Schroeder, L.M., Larsson, S., Ekbom, B. & McGeoch, M.A. 2005. Conservation of biodiversity in managed boreal forests. In: Forests in balance: linking tradition and technology, XXII IUFRO World Congress, 8-13 August 2005, Brisbane, Australia. International Forestry Review 7 (5), August 2005.
- Møller, I.S., Raulund-Rasmussen, K., Asikainen, A., Röser, D., Lunnan, A., Karlton, E., Jonsell, M., Schröder, M., Ozolincius, R., Mandre, M., Gaitnieks, T., Callesen,

I., Clarke, N., Helmisaari, H.S., Indriksons, A., Ingerslev, M., Kairiukstis, L., Kukkola, M., Mizarete, D., Ots, K., Pärn, H., Pasanen, K., Ravn, H.P., Saarsalmi, A., Tamminen, P., Varnagyrite, I., Vilkriste, L. 2005. Sustainable use of forest biomass for energy. In: Regular Recycling of Wood Ash to Prevent Waste Production. RecAsh - A Life-environment demonstration project. RecAsh International Seminar, 8-10 November, Prague, Czech Republic, 63-65.

Lindelöw, Å. & Schroeder, L.M. 2001. Attack dynamic of the spruce bark beetle (*Ips typographus*) within and outside unmanaged and managed spruce stands after a storm-felling. Knizek, m. et al. (eds). IUFRO WP 7.03.10 Workshop, Bursteni, Romania September 24-28.

Lindelöw, Å. & Schroeder, L.M. 1999. Monitoring of the spruce bark beetle (*Ips typographus*) in Sweden. IUFRO WP 7.03.10 Workshop, Switzerland, April 20-23.

Lindelöw, Å. & Schroeder, L.M. 1998. Spruce bark beetles (*Ips typographus*) attack within and outside protected areas after a stormfelling in November 1995. IUFRO WP 7.03.10 Workshop, Poland, April 21-24.

Schroeder, L.M. 1997. Impact of natural enemies on *Tomicus piniperda* offspring production.I "Integrating cultural tactics into the management of bark beetle and reforestation pests" (eds.J.C. Gregoire, A.M. Liebhold, F.M. Stephen, K.R. Day och S.M. Salom). USDA Forest Service general Technical Report NE-236: 204-214.

Schroeder, L.M. 1991. Attraction of some scolytids and associated beetles to the host volatiles α -pinene and ethanol. I "Forest insect guilds: Patterns of interaction with host trees" (Baranchikov, Y.N., Mattson, W.J., Hain, F.P. & Payne, T.L.). U.S. Dep. Agric.For. Serv. Gen. Tech. Rep. NE-153.

Schroeder, L.M. 1988. Host recognition in *Tomicus piniperda* (Coleoptera: Scolytidae)and other bark beetles attacking Scots pine. Avhandling; Uppsala SLU.