

**RECENT PUBLICATION LIST**  
**(2000 - 2015)**

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**DAVID L. WOOD**

***KEY TO PUBLICATIONS***

A = Research Papers in Refereed Journals  
B = Invitational Review Papers and Chapters in Books  
C = Non-Refereed Papers  
D = Abstracts and Notes  
E = Books  
F = Miscellaneous

- A 180. 2000. McNee, W. R., D. L. Wood, A. J. Storer. Pre-emergence feeding in bark beetles (Coleoptera: Scolytidae). *Environ. Entomol.* 29:495-501.
- A. 181. 2000. Dallara, P. L., S. J. Seybold, H. Meyer, W. Francke, and D. L. Wood. Semiochemicals from three species of ***Pityophthorus*** (Coleoptera: Scolytidae) in California: Identification and field response. *Can. Entomol.* 132(6):889-906.
- C 182. 2000. McPherson, B. A., D. L. Wood, A. J. Storer, P. Svirha, D. M. Rizzo, N. M. Kelly, and R. B. Standiford. Oak Mortality Syndrome: Sudden Death of Oaks and Tanoaks. *Tree Notes: California Department of Forestry and Fire Protection.* Number 26, 6 pp.
- D 183. 2000. Wood, D. L. Insect/Pathogen/Tree Interactions - Where Do We Go From Here? "An Overview of Western Regional Research Project W-110 and W-187. *Proc. 51st Ann. Mtg., Western Forest Insect Work Conference*, pp. 33-36.
- D 184. 2000. McPherson, B., R. B. Standiford, P. Gong, M. Kelley, D. Wood, A. Storer, T. Gordon, P. Svihra, and S. Tjosvold. Unexplained mortality of tanoaks and coast live oaks in California. *Proc. 51st Ann. Mtg., Western Forest Insect Work Conference*, pp. 36-37.
- A 185. 2001. Bonello, P., W. R. McNee, A. J. Storer, D. L. Wood, and T. R. Gordon. Role of olfactory stimuli in host location by twig beetles (Coleoptera: Scolytidae). *Ecol. Entomology* 26(1):8-15.
- A 186. 2001. Gordon, T.R., A.J. Storer, and D.L. Wood. The pitch canker epidemic in California. *Plant Disease*, 85:1128-1139.

- A 187. 2001. Storer, A. J., D. L. Wood, T. R. Gordon, and W. J. Libby. Restoring native Monterey pine forests in the presence of an exotic pathogen. *J. Forestry* 99(5):14-18.
- B 188. 2001. Wood, D.L. Invasion of North America by exotic species: Is there hope for the future? Present and future pathways. In: *Boreal Odyssey: Proceedings of the North American Forest Insect Work Conference*. W.J.A. Volmey, J.R. Spence, and E.M. Lefebvre (eds.). Information Report NOR-X-381. Can. Forest Service, Northern Forestry Centre, Canada, pp. 3-4, 9-11.
- A 189. 2001. McNee, W.R., D.L. Wood, A.J. Storer, and T.R. Gordon. Incidence of the pitch canker pathogen and associated insects in intact and chipped Monterey pine branches, ***Fusarium circinatum***. *Can. Entomol.* 134(1):47-58.
- A 190. 2002. Storer, A.J., D.L. Wood, and T.R. Gordon. The epidemiology of pitch canker of Monterey pine in California. *Forest Science*, 48(4):694-700.
- A 191. 2002. Storer, A.J., D.L. Wood, and T.R. Gordon. Effects of the pitch canker fungus on gallery excavation and oviposition by ***Ips paraconfusus*** (Coleoptera: Scolytidae). *Can. Entomol.* 134(4):519-528.
- B 192. 2002. McPherson, B. A., D. L. Wood, Storer, A. J., Kelly, N. M., and Standiford, R. B. 2001. Sudden Oak Death: Disease Trends in Marin County Plots after One Year. In: Standiford, Richard B.; McCreary, Douglas; Purcell, Kathryn L., technical coordinators. *Proceedings of the fifth symposium on oak woodlands: oak woodlands in California's changing landscape*. 2001 October 22-25; San Diego, CA. Gen. Tech. Rep. PSW-GTR-184, Albany, CA: Pacific Southwest Research Station, Forest Service, U.S. Department of Agriculture.
- B 193. 2002. McPherson, D. M. Rizzo, M. Garbelotto, P. Svihra, D. L. Wood, A. J. Storer, N. M. Kelly, N. Palkovsky, S. A. Tjosvold, R. B. Standiford and S. T. Koike. Sudden Oak Death in California, *Pest Notes*, University of California, Agriculture and Natural Resources, Publication 7498, April 2002, pp. 1-5.
- B 194. 2002. Wood, D.L. and A.J. Storer. Bark beetles infesting California's conifers. *Fremontia* 30(3-4):19-25.
- E 195. 2003. Wood, D.L., T.W. Koerber, R.F. Scharpf, and A.J. Storer. "Pests of the Native California Conifers", Univ. of Calif. Press, 304 pp. (211 color photographs).
- E 196. 2003. Wood, D.L., and A.J. Storer. Forest Habitats: In *Encyclopedia of Insects*. V.H. Resh and R.T. Cardé (eds.). Academic Press, NY, pp. 442-454.
- A 197. 2003. Wikler, K., A.J. Storer, W. Newman, T.R. Gordon, and D.L. Wood. The dynamics of an introduced pathogen in a native Monterey pine (***Pinus radiata***) forest. *Forest Ecology and Management* 179: 209-221.

- A 198. 2003. Bonello, P., A.J. Storer, W.R. McNee, T.R. Gordon, D.L. Wood, and W. Heller. Systemic effects of **Heterobasidion annosum** (Basidiomycotina) infection on the phenolic metabolism of ponderosa pine and the feeding behavior of **Ips paraconfusus** (Coleoptera:Scolytidae). *J. Chem Ecol.* 29(5):1167-1182.
- A 199. 2003. McNee, W.R., P. Bonello, D.L. Wood, A.J. Storer, and T.R. Gordon. Feeding response of **Ips paraconfusus** (Coleoptera: Scolytidae) to metabolites and intact phloem of **Heterobasidion** – infected ponderosa pine, **Pinus ponderosa**. *J. Chem. Ecol.* 29(5):1183-1202.
- B 200. 2003. Aegerter, B.J., T.R. Gordon, A.J. Storer, and D.L. Wood. Pitch Canker: A Technical Review. University of California, Agriculture and Natural Resources, Publication 21616, pp. 1-13.
- A 201. 2003. McPherson, B.A., D.L. Wood, A.J. Storer, N.M. Kelly, and R.B. Standiford. Sudden oak death, a new forest disease in California. *Integrated Pest Management Reviews* 6:243-246.
- B 202. 2004. Storer, A.J., D.L. Wood and T.R. Gordon. Could biological control of wilding pines increase the potential for damage by the pitch canker pathogen? In: *Managing wilding conifers in New Zealand: Present and future. Proceedings of a workshop held in conjunction with the annual conference of the New Zealand Plant Protection Society, Chateau on the Park, Christchurch, August 2003*, (R.L. Hill, S.M. Zydenbos and C.M. Bezar eds). New Zealand Plant Protection Society, pp. 97-112.
- A 203. 2004. Storer, A.J., D.L. Wood, and T. R. Gordon. Twig beetles, **Pityophthorus** spp. (Coleoptera: Scolytidae), as vectors of the pitch canker pathogen in California. *Can. Entomol.* 136(5):685-693.
- A 204. 2005. Erbilgin, N., A.J. Storer, D.L. Wood, and T.R. Gordon. Colonization of cut branches of five coniferous hosts of the pitch canker fungus by **Pityophthorus** spp. (Coleoptera: Scolytidae) in central, coastal California. *Can. Entomol.* **137(3): 337-349.**
- A 205. 2005. McPherson, B.A., S.R. Mori, D.L. Wood, A.J. Storer, P. Svihra, N.M. Kelly, and R.B. Standiford. Sudden oak death in California: Disease progression in oaks and tanoaks. *For. Ecol. and Management* 213: 71-89.
- A 206. 2005. Owen, D.R., D.L. Wood, and J.R. Parmeter, Jr. Association between **Dendroctonus valens** and blackstain root disease on ponderosa pine in the Sierra Nevada of California. *Can. Entomol.* 137(3): 367-375.
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caused by **Gibberella circinatum** (anamorph = **Fusarium circinatum**). *Plant Pathology* 55: 231–237.

- A 208. 2006. Gillette, N.E., J.D. Stein, D.R. Owen, J.N. Webster, G.O. Fiddler, S.R. Mori, and D.L. Wood. Verbenone-releasing flakes protect individual **Pinus contorta** trees from attack by **Dendroctonus ponderosae** and **Dendroctonus valens** (Coleoptera: Curculionidae, Scolytinae). *Agricultural and Forest Entomology* 8: 243-251.
- A 209. 2006. Bonello, P., T.R. Gordon, D.L. Wood, D.A. Herms, and N. Erbilgin. Nature and ecological implications of pathogen-induced systemic resistance in conifers: A novel hypothesis. *Physiol.&Mol.Plant Path.* 68: 95-104.
- A 210. 2007. Erbilgin, N., S. Mori, J.H. Sun, J.D. Stein, D.R. Owen, L.D. Merrill, R. Campos Bolanos, K.F. Raffa, J. Mendez Montiel, D.L. Wood, and N.E. Gillette. Response to host volatiles by native and introduced populations of **Dendroctonus valens** (Coleoptera: Curculionidae, Scolytinae) in North America and China. *J. Chem. Ecol.* 33(1): 131-146
- A 211. 2007. O'Brian, M.J., K.L. O'Hara, N. Erbilgin, and D.L. Wood. Overstory and shrub effects on natural regeneration processes in native **Pinus radiata** stands. *For. Ecol. and Management* 240: 178-185
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- A 213. 2007. Sakamoto, J.M., T.R. Gordon, A.J. Storer, and D.L. Wood. The role of **Pityophthorus** spp. as vectors of pitch canker affecting Monterey pine, **Pinus radiata**. *Can. Entomol.* 139: 864-871.
- A 214. 2007. Ockels, F. S., A. Eyles, B. A. McPherson, D. L. Wood, and P. Bonello. Phenolic chemistry of coast live oak response to **Phytophthora ramorum**. *J. Chem. Ecol.* 33: 1721-1732.
- B 215. 2008. Ockels, F. S., A. Eyles, McPherson, B. A., Wood, D. L., and Bonello, P.. 2008. Chemistry of coast live oak response to *Phytophthora ramorum* infection. In: *Proceedings of the Sudden Oak Death Third Science Symposium, March 5 – 9, 2007, USDA-Forest Service, General Technical Report PSW-GTR-214*, pp 157-161.
- B 216. 2008. McPherson, B. A., Erbilgin, N., Wood, D. L. P. Svihra, A.J. Storer, and Standiford, R. B. 2008. Attraction of ambrosia and bark beetles (Coleoptera: Scolytidae) to coast live oaks infected by *Phytophthora ramorum*. In: *Proceedings of the Sudden Oak Death Third Science Symposium, March 5 – 9, 2007, USDA-Forest Service, General Technical Report PSW-GTR-214*, pp 173-175.

- B 217 2008. Erbilgin, N., B. A. McPherson, P. Bonello., D. L. Wood, and A.S. Nelson. 2008. New relationships among the sudden oak death pathogen, bark and ambrosia beetles, and fungi colonizing coast live oaks. In: Proceedings of the Sudden Oak Death Third Science Symposium, March 5 – 9, 2007, USDA-Forest Service, General Technical Report PSW-GTR-214, pp 355-356.
- A 218 2008. McPherson, B.A., N. Erbilgin, D.L. Wood, P. Svihra, A.J. Storer, and R. B. Standiford. Attraction of ambrosia and bark beetles (Coleoptera:Scolytidae) to coast live oaks (**Quercus agrifolia**) infected by **Phytophthora ramorum**. Agricultural and Forest Entomology 10(4):315-321.
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- A 220 2008. Kelly, M., D. Liu, B., B.A. McPherson, and D.L. Wood. Spatial pattern dynamics of oak mortality and associated disease symptoms in a California hardwood forest affected by sudden oak death. J. For. Res. 13: 312-319.
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- A 222 2009. N.E. Gillette, C.J. Mehmel, J.N. Webster, S.R. Mori, N. Erbilgin, D.L. Wood, and J.D. Stein. Aerially applied methylcyclohexenone-releasing flakes protect **Pseudotsuga menziesii** stands from attack by **Dendroctonus pseudotsugae**. Forest Ecology and Management 257:1231-1236.
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- A 225 2010. McPherson, B.A., S.R. Mori, D.L. Wood, M. Kelly, P.Svihra, and R.B. Standiford. 2010. Responses of oaks and tanoaks to the sudden oak death pathogen after 8 y of monitoring in two coastal California forests. Forest Ecology and Management 259: 2248-2255.

- A 226 2011. Nagle, A.M, B.A. McPherson, D.L. Wood, M. Garbelotto, and P. Bonello. 2011. Relationship between field resistance to *Phytophthora ramorum* and phenolic chemistry of coast live oak. *Forest Pathology* 41: 464-469.
- A 227. 2012. Gillette, N.E., Hansen, E.M., Mehmel, C.J., Mori, S.R., Webster, J.N., Erbilgin, N., and Wood, D.L. 2012. Area-wide application of verbenone-releasing flakes reduces mortality of whitebark pine *Pinus albicaulis* caused by the mountain pine beetle *Dendroctonus ponderosae*. *Agricultural and Forest Entomology* 14: 367-375.
- A 228. 2012. Gillette, N.E., Mehmel, C.J., Mori, S.R., Webster, J.N., Wood, D.L., Erbilgin, N., and Owen, D.R. 2012. The push-pull tactic for mitigation of mountain pine beetle (Coleoptera: Curculionidae) damage in lodgepole and whitebark pines. *Environmental Entomology* 41(6): 1575-1586.
- A 229. 2013. McPherson, B.A., Erbilgin, N., Bonello, P., and Wood, D.L. Fungal species assemblages associated with *Phytophthora ramorum*-infected coast live oaks following bark and ambrosia beetle colonization in northern California. *Forest Ecology and Management* 291: 30-42.
- A 230. 2013. Stark, D.T., Wood, D.L., Storer, A.J., and Stephens, S.L. Prescribed fire and mechanical thinning effects on bark beetle caused tree mortality in a mid-elevation Sierran mixed-conifer forest. *Forest Ecology and Management* 306: 61-67.
- A 231. 2014. McPherson, B.A., S.R. Mori, S.O. Opiyo, A.C. Conrad, Wood, D.L., and P. Bonello. Association between resistance to an introduced invasive pathogen and phenolic compounds that may serve as biomarkers in native oaks. *Forest Ecology and Management* 312: 154-160.
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- A 233. 2014. Gillette, N.E., S.J. Kegley, S.L. Costello, S.R. Mori, J.N. Webster, C.J. Mehmel, and D.L. Wood. Efficacy of verbenone and green leaf volatiles for protecting whitebark and limber pines from attack by mountain pine beetle (Coleoptera: Curculionidae: Scolytinae). *Environmental Entomology* 43(4): 1019-26.
- A 234. 2014. Conrad, A.O., L.E. Rodriguez-Soana, B.A. McPherson, D.L. Wood, and P. Bonello. Identification of *Quercus agrifolia* (coast live oak) resistant to the invasive pathogen *Phytophthora ramorum* in native stands using Fourier-transform infrared (FT-IR) spectroscopy. *Frontiers in Plant Science* 5: 1-9.
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compounds that may serve as biomarkers in native oaks. *Forest Ecology and Management* 312: 154-160.

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- B 237. 2015. McPherson B.A., Conrad A.O., Opiyo S., Bonello P., and Wood DL. Biomarkers identify coast live oaks that are resistant to the invasive pathogen *Phytophthora ramorum*. In: Standiford, Richard B, Purcell, Kathryn L, tech. cords. Proceedings of the seventh California oak symposium: Managing oak woodlands in a dynamic world. Gen. Tech. Rep. PSW-GTR-251. Berkeley, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station: 543-551.
- A 238. 2015. Chen Y., Flint M.L., Coleman T.W., Docola J.J., Grosman D.M., Wood D.L., and Seybold S.J. Effects of goldspotted oak borer, *Agrilus auroguttatus*, and treatment with two systemic insecticides on coast live oak trees in southern California. *Pest Management Science* 71(11): 1540-52.
- A 239. 2017. Shaw, D.C., Wooley, T., Kelsey, R.G., McPherson, B.A., Westlind, D., Wood, D.L. and Peterson, E.K. 2017. Surface fuels in recent *Phytophthora ramorum* created gaps and adjacent intact *Quercus agrifolia* forests, East Bay Regional Parks, California, USA. *Forest Ecology and Management* 384: 331-338.

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