

## Publications on *Phytophthora* species in nurseries, restoration areas or wildlands

For publications on sudden oak death or *P. ramorum*, see <http://www.suddenoakdeath.org/library/>

### (Partial list)

**Abad, Z.G., Abad, J.A., Cacciola, S.O., Pane, A. and others. 2014.** *Phytophthora niederhauserii* sp. nov., a polyphagous species associated with ornamentals, fruit trees and native plants in 13 countries. *Mycologia*. 106(3): 431-447.

**Baker, K.F. 1957.** The U.C. system for producing healthy container-grown plants: Through the use of clean soil clean stock and sanitation. Univ. California Agr. Expt. Sta. Ext. Serv. Berkeley.

**Beal, L.; Waghorn, I.; Scrace, J.; Henricot, B. 2018.** First report of *Phytophthora tentaculata* affecting *Santolina* in the UK. *New Disease Reports*. 37: 8. <http://dx.doi.org/10.5197/j.2044-0588.2018.037.008>

**Benson, D.M. and Jones, R.K. 1980.** Etiology of rhododendron dieback caused by four species of *Phytophthora*. *Plant Disease*. 64(7): 687-691.

**Bienapfl, J.C. and Balci, Y. 2014.** Movement of *Phytophthora* spp. in Maryland's nursery trade. *Plant Disease*. 98(1): 134-144.

**Bilodeau, G.J.; Martin, F.N.; Coffey, M.D.; and Blomquist, C.L. 2014.** Development of a multiplex assay for genus- and species-specific detection of *Phytophthora* based on differences in mitochondrial gene order. *Phytopathology*. 104(7): 733-748.

**Bily, D.S.; Diehl, S.V.; Cook, M.; Wallace, L.E.; Sims, L.L.; Watson, C.; Baird, R.E. 2018.** Temporal and locational variations of a *Phytophthora* spp. community in an urban forested water drainage and stream-runoff system. *Southeastern Naturalist*. 17(1): 176-201.

**Bradshaw, R.E.; Bellgard, S.E.; Black, A.; Burns, B.R.; Gerth, M.L. and others. 2020.** *Phytophthora agathidicida*: research progress, cultural perspectives and knowledge gaps in the control and management of kauri dieback in New Zealand. *Plant Pathology*. 69(1): 3 - 16. <https://doi.org/10.1111/ppa.13104>

**Brasier, C.M. 2008.** The biosecurity threat to the UK and global environment from international trade in plants. *Plant Pathology*. 57(5): 792-808.

**Burgess, T.I.; McDougall, K.L.; Scott, P.M.; Hardy, G.E.S. and Garnas, J. 2018.** Predictors of *Phytophthora* diversity and community composition in natural areas across diverse Australian ecoregions. *Ecography* 42(3): 565-577. <https://doi.org/10.1111/ecog.03904>

**Burgess, T.I.; Scott, J.K.; Mcdougall, K.L.; Stukely, M.J. and others. 2017.** Current and projected global distribution of *Phytophthora cinnamomi*, one of the world's worst plant pathogens. *Global Change Biology*. 23(4): 1661-1674.

- Copes, W.E.; Yang, X.; Hong, C. 2015.** *Phytophthora* species recovered from irrigation reservoirs in Mississippi and Alabama nurseries and pathogenicity of three new species. *Plant Disease*. 99(10): 1390-1395.
- Domínguez-Begines, J.; Ávila, J.M.; García, L.V.; and Gomez-Aparicio, L. 2020.** Soil-borne pathogens as determinants of regeneration patterns at community level in Mediterranean forests. *New Phytologist*. <https://doi.org/10.1111/nph.16467>
- Dunn, M.; Marzano, M.; Forster, J. 2019.** Buying better biosecurity: Plant-buying behaviour and the implications for an accreditation scheme in the horticultural sector. *Plants, People, Planet*. <https://doi.org/10.1002/ppp3.10076>
- Feau, N.; Ojeda, D.I.; Beauseigle, S.; Bilodeau, G.J. and others. 2019.** Improved detection and identification of the sudden oak death pathogen *Phytophthora ramorum* and the Port Orford cedar root pathogen *Phytophthora lateralis*. *Plant Pathology*. 68(5): 878-888.
- Feau, N.; Taylor, G.; Dale, A.L.; Dhillon, B. Bilodeau, G.J.; Birol, I.; Jones, S.J.M.; and Hamelin, R.C. 2016.** Genome sequences of six *Phytophthora* species threatening forest ecosystems. *Genomics Data*. 10: 85-88.
- Frankel, S.J.; Alexander, J.; Benner, D.; Hillman, J. and Shor, A. 2020.** Phytophthora pathogens threaten rare habitats and conservation plantings. *Sibbalida* 18: pp 53-65.  
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- Frankel, S.J.; Alexander, J.A.; Benner, D. and Shor, A. 2018.** Responding to inadvertent *Phytophthora* introductions in California restoration areas. *California Agriculture*. 72(4): 205 -207.
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[https://www.fs.fed.us/psw/publications/documents/psw\\_gtr255/index.shtml](https://www.fs.fed.us/psw/publications/documents/psw_gtr255/index.shtml)
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- Griesbach, J.; Parke, J.; Chastagner, G.; Grünwald, N.; Aguirre, J. 2012.** Safe procurement and production manual. Oregon Association of Nurseries. 106 p.
- Grünwald, N.J.; Martin, F.N.; Larsen, M.M.; Sullivan, C. M. and others. 2011.** Phytophthora-ID. org: a sequence-based *Phytophthora* identification tool. *Plant Disease*. 95(3): 337-342.
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- Hansen, E.M.; Reeser, P.W.; Sutton, W. 2012.** *Phytophthora* beyond agriculture. *Annual Review of Phytopathology*. 50: 359-378.
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**Hong, C. X. and Moorman, G.W. 2005.** Plant pathogens in irrigation water: challenges and opportunities. *Critical Reviews in Plant Sciences*. 24(3): 189-208.

**Hunter, S.; Williams, N.; McDougal R.; Scott, P.; Garbelotto, M. 2018.** Evidence for rapid adaptive evolution of tolerance to chemical treatments in *Phytophthora* species and its practical implications. *PLoS ONE* 13(12): e0208961. <https://doi.org/10.1371/journal.pone.0208961>

**Jung, T.; La Spada, F.; Pane, A.; Aloj, F. and others. 2019.** Diversity and distribution of *Phytophthora* species in protected natural areas in Sicily. *Forests*. 10(3): 259. <https://www.mdpi.com/1999-4907/10/3/259/pdf>.

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**Knaus, B.J.; Fieland, V.J.; Graham, K.A.; Grunwald, N.J. 2015.** Diversity of foliar *Phytophthora* species on Rhododendron in Oregon nurseries. *Plant Disease*. 99: 1326-1332.

**Li, D.W.; Schultes, N.P.; LaMondia, J.A.; Cowles, R.S. 2019.** *Phytophthora abietivora*, A new species isolated from diseased Christmas trees in Connecticut, USA. *Plant disease*. 103(12): 3057-3064.

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<http://apsjournals.apsnet.org/doi/abs/10.1094/PDIS-08-15-0939-RE>

**Moralejo, E.; Pérez-Sierra, A.M.; Álvarez, L.A.; Belbahri, L. and others. 2009.** Multiple alien *Phytophthora* taxa discovered on diseased ornamental plants in Spain. *Plant Pathology*. 58(1): 100-110.

**Parke, J.L. and Grünwald, N.J. 2012.** A systems approach for management of pests and pathogens of nursery crops. *Plant Disease*. 96(9): 1236-1244.

**Parke, J.L.; Knaus, B.J.; Fieland, V.J.; Lewis, C. and Grünwald, N.J. 2014.** *Phytophthora* community structure analyses in Oregon nurseries inform systems approaches to disease management. *Phytopathology*. 104(10): 1052-1062.

**Parke, J.L.; Redekar, N.R.; Eberhart, J.L.; Funahashi, F. 2019.** Hazard Analysis for *Phytophthora* species in container nurseries: Three case studies. *HortTechnology*. 29(6): 745-755.

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**Reeser, P.W.; Sutton, W.; Hansen, E.M.; Goheen, E.M.; Fieland, V.J.; Grünwald, N. J. 2015.** First report of *Phytophthora occultans* causing root and collar rot on *Ceanothus*, boxwood, rhododendron, and other

**Serrano, M.S.; Garbelotto, M. 2020.** Differential response of four Californian native plants to worldwide *Phytophthora cinnamomi* genotypes: implications for the modeling of disease spread in California. *European Journal of Plant Pathology* 156: 851–866. <https://doi.org/10.1007/s10658-020-01936-8>

**Swiecki, T.J.; Bernhardt, E.A.; Frankel, S.J. 2019.** *Phytophthora* root disease and the need for clean nursery stock in urban forests: Part 3. Prevention and management. *Western Arborist*. 45(1): 40-50.

**Swiecki, T.; Quinn, M.; Sims, L.; Bernhardt, E. and others. 2018.** Three new *Phytophthora* detection methods, including training dogs to sniff out the pathogen, prove reliable. *California Agriculture*. 72(4): 217-225.

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**Weiland, J.E.; Scagel, C.F.; Grünwald, N.; Davis, E.A.; Beck, B.R.; Foster, Z.S. and Fieland, V. 2020.** Soilborne *Phytophthora* and *Pythium* diversity from rhododendron in propagation, container, and field production systems of the Pacific Northwest. *Plant Disease*. <https://doi.org/10.1094/PDIS-08-19-1672-RE>

**Wiseman, M.S.; Bonar, T.; Gordon, M.I.; Serdani, M.; Putnam, M.L. 2018.** First report of *Phytophthora cactorum* causing crown rot of *Shepherdia x utahensis* in the United States. *Plant Disease*. 102(3): 686.