

Phytophthoras in Native Plant Habitats Work Group

2017 Accomplishments

The Phytophthoras in Native Habitats Work Group aims to minimize *Phytophthora* pathogen spread to native vegetation, especially sensitive, threatened and endangered plant species and natural communities.

Publications

Produced new outreach material for CA Native Plant Society chapter nurseries that buy plants for their sales. “Buying healthy plants: What to look for at a nursery”. Illustrated guide is useful to anyone wanting to work with plant growers on producing and purchasing healthy nursery stock, posted at www.calphytos.org.

Guidance to regulators to reduce the risk of *Phytophthora* and plant pathogen introductions to restoration sites. Phytophthoras in Native Habitats website. 4 pgs.

<http://www.suddenoakdeath.org/wp-content/uploads/2017/06/PWG-regulator-white-paper-FINAL-060217.pdf>

Addressing Phytophthoras and Other Plant Pathogens in Restoration Plantings: 2017-2018 Action Plan. Phytophthoras in Native Habitats Work Group. May 18. 8 pages.

Addressing Phytophthoras and Other Plant Pathogens in Restoration Plantings. (Background). Phytophthoras in Native Habitats website. 6 pgs.

<http://www.suddenoakdeath.org/wp-content/uploads/2016/04/Background-doc-022417.pdf>

Phytophthoras in Native Habitats. Frequently Asked Questions. Phytophthoras in Native Habitats website. 4 pgs. [http://www.suddenoakdeath.org/wp-](http://www.suddenoakdeath.org/wp-content/uploads/2016/04/FAQs.WG_2.14.17.final_draft_JA-posting.pdf)

[content/uploads/2016/04/FAQs.WG_2.14.17.final_draft_JA-posting.pdf](http://www.suddenoakdeath.org/wp-content/uploads/2016/04/FAQs.WG_2.14.17.final_draft_JA-posting.pdf)

Rooney-Latham, S.; Blomquist, C.L.; Soriano, M.C.; Guo, Y.Y.; Woods, P.; Kosta, K.L.; Weber, K.; Swiecki, T.J.; Bernhardt, E.A.; Suslow, K.; Frankel, S.J. 2017. An Update on *Phytophthora* Species in California Native Plant Nurseries and Restoration Areas. Page 51, In, Frankel, S.J.; Harrell, K.M., tech. coords. 2017. Proceedings of the sudden oak death sixth science symposium. Gen. Tech. Rep. GTR-PSW-255. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. 106 p.

Presentations and events

Benner, D.; Frankel, S.J.; Alexander, J.; Shor, A. 2016. The risks *Phytophthora* species pose to our restoration goals and how to reduce them. California Invasive Plants Conference. Tenaya Lodge, Fish Camp, CA; Nov. 2 – 5.

Frankel, S.J. 2017. How can restoration habitats be protected from plant pathogens? Habitat Conservation staff meeting. CA Department of Fish and Wildlife. Napa, July 10.

Frankel, S.J. 2017. *Phytophthora* detections in native plant nurseries and restoration sites. National Ornamental Research Site (NORS-DUC) Steering Committee meeting. Dominican University, San Rafael. March 7.

Frankel, S.J.; Alexander, J.; Benner, D.; Shor, A. 2017. Responding to *Phytophthora* introductions in California restoration areas: The Phytophthoras in Native Habitats Work Group. 8th Meeting of IUFRO Working Party 7.02.09 *Phytophthora* in Forest and Natural Ecosystems, Sapa, Vietnam; March 19 – 25, 2017.

Frankel, S.J. 2017. Around the world with *Phytophthora* concerns. *Phytophthora* species in restoration nurseries, plantings, and wildlands II. Meeting of the Phytophthoras in Native Habitats Work Group. San Jose, May 18.

“*Phytophthora* Sanitation in Nurseries: Field training and tour” workshop, The Rosie the Riveter Museum & Watershed Nursery, Richmond, CA. March 1, 2017.

“*Phytophthora* species in Restoration Nurseries, Plantings, and Wildlands II” science symposium, San Jose, CA. May 18, 2017.

“Tour of Sanitation Practices at Restoration Nurseries - South Bay/Peninsula” nursery workshop, Palo Alto, CA. May 31, 2017.

Fall-topphthoras Network Event. STRAW - Students and Teachers Restoring A Watershed. Pt. Blue Conservation Science, November 27, Petaluma. Speaker: S.J. Frankel.

Fourth and fifth Phytophthoras in Native Habitat Work Group, Restoration Committee meetings, February 15, 2017 at PSW, Albany and July 18, 2017, at the USDA Forest Service, Pacific Southwest Research Station, Albany.

Organized forest pest sessions and joint meeting of the Phytophthoras in Native Habitats Work Group and CA Native Plant Society Ad Hoc *Phytophthora* Committee to be held at the 2018 CA Native Plant Society conference in Los Angeles, Feb. 1 - 2, 2018.

Technical Guidance

SB 287, Dodd, Habitat Restoration: Invasive species: *Phytophthora* pathogens. Provided technical guidance for proposed legislation to prevent *Phytophthora* introductions via restoration plantings.

Provided technical guidance on two *Phytophthora* species (*P. cactorum* and *P. cambivora*) pest ratings to the California Department of Food and Agriculture. Two species were upgraded from “C” to “B” rated pests.

“Beyond sudden oak death – *Phytophthora* in California native plant nurseries, restoration areas and habitats” In, Dispatch, Newsletter of the California Invasive Plant Council. Summer/Fall 2017. Pgs 8 – 9, by Frankel, S.J. and Alexander, J. 2017.

Website

Posted new resources, notes, background documents on the CalPhytos.org website.