

2006 Botany and Plant Pathology Publications

Arp, Daniel J.

Refereed journals articles

- Hommel, N.G., Kurth, E.G., Sayavedra-Soto, L.A., and Arp, D.J. Disruption of *sucA*, which encodes a subunit of alpha-ketoglutarate dehydrogenase, affects the survival of *Nitrosomonas europaea* in stationary phase, *J. Bacteriol.* 188: 343-347 (2006).
- Wei, X., Vajrjala, N, Hauser, L., Sayavedra-Soto, L.A. and Arp, D.J. Iron nutrition and physiological responses to iron stress in *Nitrosomonas europaea*, *Arch. Microbiol.* June 2006 [Epub ahead of print].
- Xueming Wei, Tingfen Yan, Norman G. Hommes, Xiuduan Liu, Liyou Wu, Crystal McAlvin, Martin G. Klotz, Luis A. Sayavedra-Soto, Jizhong Zhou, and Daniel J. Arp. Transcript profiles of *Nitrosomonas europaea* during growth and upon deprivation of ammonia and carbonate. *FEMS Microbiol Letters* 257: 76-83 (2006).
- Starkenbourg, Shawn R., Patrick C.S. Chain, Luis Sayavedra-Soto, Loren Hauser, Niriam L. Land, Frank W. Larimer, Stephanie A. Malfatti, Martin G. Klotz, Peter Bottomley, Daniel J. Arp, and William J. Hickey. The genome sequence of the chemolithoautotrophic nitrite-oxidizing bacterium *Nitrobacter winogradskyi* Nb-255. *Appl. Environ. Microbiol.* 72: 2050-2063 (2006).
- Doughty, D.M., Sayavedra-Soto, L.A., Arp, D.J., and Bottomley, P. J. Product repression of alkane monooxygenase expression in *Pseudomonas butanovora*. *J. Bacteriol.* 188: 2586-2592 (2006).
- Halsey, K.H., Sayavedra-Soto, L.A., Bottomley, P.J., and Arp, D.J. Site-directed amino acid substitutions in the hydroxylase a subunit of butane monooxygenase from *Pseudomonas butanovora*: Implications for substrates knocking at the gate. *J. Bacteriol.* 188: 4962-4969 (2006).
- Klotz, M.G., D.J. Arp, P.S.G. Chain, A.F. El-Sheikh, L.J. Hauser, N.G. Hommes, F.W. Larimer, S.A. Malfatti, J.M. Norton, A.T. Poret-Peterson, L.M. Vergez, B.B. Ward. Complete genome sequence of the marine, chemolithoautotrophic, ammonia-oxidizing bacterium *Nitrosococcus oceani* ATCC 19707. *Appl. Environ. Microbiol.* 72: 6299-6315.

Review

- Arp, D.J. and Bottomley, P. J., Nitrifiers: More than 100 years from isolation to genome sequences. *Microbe* 1:229-234 (2006) [Featured Article, Invited].

Behrenfeld, Michael

Refereed journal articles

- M.J. Behrenfeld, R.O'Malley, D.Siegel, C. McClain, J. Sarmiento, G. Feldman, A. Milligan, P. Falkowski, R. Letelier, E. Boss. 2006. Climate-driven trends in contemporary ocean productivity. *Nature* 444, 752-755
- M.J. Behrenfeld, K. Worthington, R.M. Sherrell, F. Chavez, P. Strutton, M. McPhaden, D. Shea. 2006. Controls on tropical Pacific ocean productivity revealed through nutrient stress diagnostics. *Nature* 442, 1025-1028
- M-E Carr, M.A Friedrichs, M. Schmeltz, M.N. Aita, D. Antoine, K.R. Arrigo, I. Asanuma, O. Aumont, R. Barber, M. Behrenfeld, R. Bidigare, E.T. Buitenhuis, J. Campbell, A. Ciotti, H. Dierssen, M. Dowell, J. Dunne, W. Esaias, B. Gentili, W. Gregg, S. Groom, N. Hoepner, J. Ishizaka, T. Kameda, C. Le Quere, S. Lohrenz, J. Marra, F. Melin, K. Moore, A. Morel, T.E. Reddy, J. Ryan, M. Scardi, T. Smyth, K. Turpie, G. Tilstone, K. Waters, Y. Yamanaka. 2006. A comparison of global estimates of marine primary production from ocean color. *Deep Sea Res.* 53, 741-770
- M.J. Behrenfeld, E. Boss. 2006. Beam attenuation and chlorophyll concentration as alternative optical indices of phytoplankton biomass. *J. Mar. Res.* 64, 431-451.

Carrington, James

Refereed journal articles

- Deleris, A., Gallego-Bartolome, J., Bao, J., Kasschau, K. D., Carrington, J. C., and Voinnet, O. 2006. Hierarchical action and inhibition of plant dicer-like proteins in antiviral defense. *Science* 313, 68-71.
- Lakatos, L., Csorba, T., Pantaleo, V., Chapman, E. J., Carrington, J. C., Liu, Y. P., Dolja, V. V., Calvino, L. F., Lopez-Moya, J. J., and Burgyan, J. 2006. Small RNA binding is a common strategy to suppress RNA silencing by several viral suppressors. *EMBO Journal* 25, 2768-2780.
- Chiba, M., Reed, J. C., Prokhnovsky, A. I., Chapman, E. J., Mawassi, M., Koonin, E. V., Carrington, J. C., and Dolja, V. V. 2006. Diverse suppressors of RNA silencing enhance agroinfection by a viral replicon. *Virology* 346, 7-14.
- Fahlgren, N., Montgomery, T. A., Howell, M. D., Allen, E., Dvorak, S. K., Alexander, A. L., and Carrington, J. C. 2006. Regulation of AUXIN RESPONSE FACTOR3 by TAS3 ta-siRNA affects developmental timing and patterning in Arabidopsis. *Current Biology* 16, 939-944.
- Yu, B., Chapman, E. J., Yang, Z., Carrington, J. C., and Chen, X. 2006. Transgenically expressed viral RNA silencing suppressors interfere with microRNA methylation in Arabidopsis. *FEBS Letters* 580, 3117-3120.

Ciuffetti, Lynda

Refereed journal articles

- Amogan, H.P., J.P. Martinez, L.M. Ciuffetti, K.G. Fields, and P.W. Reno. 2006. Karyotype and genome size of *Nadelspora caneri* determined by pulsed-field gel electrophoresis. *Acta Protozool.* 54:249-254.

Collins, Kelly

Abstracts

- Miller, M., K. Collins, J. Kraus and M. Putnam. 2006. PCR detection of pathogenic *Rhodococcus fascians* and *Agrobacterium tumefaciens* on herbaceous perennials. *Phytopathology* 96:S79.

Coop, Leonard

Refereed journal articles

- Pfender, W., Coop, L., and Upper, D. 2006. An interactive website to deliver a weather-based stem rust warning system for perennial ryegrass seed crops in NW USA. *Phytopathology* 96:S93.

Published reports

- Stone, J. K. and L. B. Coop. 2006. Developing spatial models for predicting Swiss needle cast distribution and severity. In: D. Shaw, Ed. Swiss Needle Cast Cooperative Annual Report, 2006. College of Forestry, Oregon State University. <<http://www.cof.orst.edu/coops/sncc/pdfs/sncc06.pdf>>
- Lipp, C., L. Coop, and W. Pfender. 2006. Stem rust prediction and decision aid for disease management on grass seed crops. GSCSSA Progress Report 2006: <<http://gscssa.wsu.edu/progress/06/706.pdf>>

Conference proceedings, abstracts, posters:

- Stone, J. K., L. B. Coop, and D. K. Manter. 2006. A spatial model for predicting effects of climate change on Swiss needle cast disease severity in the Pacific Northwest. USDA-Forest Service: Advances in Threat Assessment and its Implications for Forest and Rangeland Management, Ft. Collins CO, July 18-22, 2006.

- Stone, J. K. and L. B. Coop. 2006. Predicting the effects of climate change on Swiss needle cast. Western International Forest Disease Work Conference. Oct 2-6, 2006. Smithers, BC.
- Stone, J. K. and L. B. Coop. 2006. Predicting effects of climate change on Swiss needle cast disease in the Pacific Northwest. APS/CPS/MSA joint meeting, Jul 29-Aug 2, 2006, Quebec-City, QC.
- Stone, J. K., L. B. Coop, and D. K. Manter. 2006. A spatial model for predicting effects of climate change on Swiss needle cast disease severity in the Pacific Northwest. July 18-22, 2006. Ft. Collins CO. USDA-Forest Service: Advances in Threat Assessment and its Implications for Forest and Rangeland Management. Coop, L. B. 2006. Online IPM Weather Data and Degree-Days – 2006 Update.
- L. Coop. Poster abstract. Apr. 6, 2006. St. Louis, MO. 5th National IPM Symposium.
- Coop, L. and P. Jepson. 2006. Oregon State University IPPC Online Programs: IPM Decision Support Tools. Presentation abstract. Apr. 6, 2006. St. Louis, MO. 5th National IPM Symposium.
- Blodgett, S. W. Lanier, L. Coop and C. Ford. 2006. Montana's Integrated Pest Management Program: Developing a Museum IPM Program and a Regional Cutworm Forecast. Presentation abstract. Apr. 5, 2006. St. Louis, MO. 5th National IPM Symposium.

Extension and other presentations available as powerpoint files

- Coop, L. 2006. Weather Models and Pest Management Decision Timing. Integrated Soil Nutrient and Pest Management Workshop, Nov. 8, 2006. Corvallis, OR. OSU Extension Service.
- Coop, L. and P. Jepson. 2006. Support for grower networks by OSU IPPC – Online weather data and pest models. Sept 12, 2006. Milton-Freewater, OR. Grower meeting run by Umatilla Co. Extension.
- Coop, L. 2006. Weather Models and Pest Management Decision Timing. Presentation. Feb 17, 2006. Redmond, OR. Presentation – Central Oregon Pest Management Course, OSU Extension.
- Coop, L. 2006. Concepts of IPM. Redmond, OR. Feb 17, 2006. Redmond, OR. Presentation – Central Oregon Pest Management Course, OSU Extension.
- Coop, L. 2006. Use of GIS and Weather data for online crop and pest management models. Jan 9, 2006. Corvallis, OR. OSU CSS Dept. Seminar.

Dolja, Valerian

Refereed journal articles

- Koonin, E.V., Senkevich, T.G., and Dolja, V.V. (2006) The ancient virus world and evolution of cells. *Biol. Direct* 1:29, doi:10.1186/1745-6150-1-29. F1000
- Lakatos, L., Csorba, T., Pantaleo V., Chapman, E.J., Carrington, J.C., Liu, Y.-P., Dolja, V.V., Calvino, L.F., López-Moya, J.J., and Burgyán, J. (2006) Small RNA binding is a common strategy to suppress RNA silencing by viral suppressors. *EMBO J.* 25, 2768-2780. F1000
- Chiba, M., Reed, J.C., Prokhnevsky, A.I., Chapman, E.J., Mawassi, M., Koonin, E.V., Carrington, J.C., and Dolja, V.V. (2006) Diverse suppressors of RNA silencing enhance agroinfection by a viral replicon. *Virology* 346, 7-14. F1000.
- Dolja, V.V., Kreuze, J.F., and Valkonen, J.P.T. 2006. Comparative and functional genomics of closteroviruses. *Virus Res.* 117, 38-51.
- Koonin, E.V. and Dolja, V.V. 2006. Evolution of complexity in the viral world: The dawn of a new vision. *Virus Res.* 117, 1-4.

Refereed electronic articles

- Gergerich, R.C. and Dolja, V.V. 2006. Introduction to plant viruses. *The Plant Health Instructor*. DOI: 10.1094/PHI-I-2006-0414-01 (<http://www.apsnet.org/edu>).

Fowler, John

Refereed journal articles:

Williams P, Hardeman K, Fowler J, Rivin C. (2006) Divergence of duplicated genes in maize: evolution of contrasting targeting information for enzymes in the porphyrin pathway. *Plant J.* 45:727-39.

Invited Review:

Cole, R.A and Fowler, J.E. (2006) Polarized growth: maintaining focus on the tip. *Curr Opin Plant Biol.* 2006 9:579-88.

Abstracts for Posters at Meetings:

Fowler, J.E. and Watrud, L.S. Characterization of the Maize Pollen Transcriptome. Abs # P31037, Plant Biology 2006, Boston, MA

Zarsky, V., Cole, R., Synek, L., Hala, M., and Fowler, J. Arabidopsis SEC6, SEC8 and SEC15 homologues are involved in pollen function and are part of a high molecular complex along with some other exocyst subunits. Abs # P20038 , Plant Biology 2006, Boston, MA

Gent, David

Refereed journal articles

Gent, D. H., du Toit, L. J., Fichtner, S. F., Mohan, S. K., Pappu, H. R., and Schwartz, H. F. 2006. Iris yellow spot virus: An emerging threat to onion bulb and seed production. *Plant Dis.* 90:1469-1480.

Gent, D. H. Mahaffee, W. F., and Turechek, W. W. 2006. Spatial heterogeneity of the incidence of powdery mildew in hop cones. *Plant Dis.* 90:1433-1440.

Chapters in Books

Gent, D. H., and Schwartz, H. F. 2006. Diseases Caused by Bacteria and a Yeast. In Schwartz, H. F. and Mohan, S. K., (eds.), *Compendium of Onion Diseases*, APS Press, St. Paul, MN. In press. Gent, D. H., and Schwartz, H. F. 2006. Iris yellow spot virus. In Schwartz, H. F. and Mohan, S. K., (eds.), *Compendium of Onion Diseases*, APS Press, St. Paul, MN. In press.

Abstracts

Gent, D. G., Mahaffee, W. F., and Turechek, W. W. 2006. Spatial heterogeneity and sampling of hop powdery mildew in cones. *Phytopathology.* 96:S39.

Gent, D. H., du Toit, L. J., Mohan, S. K., Pappu, H. R., and Schwartz, H. F. 2006. Emergence of Iris yellow spot virus in the western U.S. *Phytopathology.* In press.

Peetz, A., Mahaffee, W. F., Turechek, W. W., Thomas, C. S., Nelson, M., Ocamb, C. M., Gent, D. H., and Grove, G. G. 2006. Hop powdery mildew in the Pacific Northwest. *Phytopathology.* In press.

Grunwald, Niklaus

Refereed journal articles

Infantino, A., Kharrat, M., Riccioni, L., Coyne, C. J., McPhee, K. E., and Grünwald, N. J. Screening techniques and sources of resistance to root diseases in cool season food legumes. *Euphytica* 147:201-221. 2006.

Miklas, P.N., Hu, J., Grünwald, N.J., Larsen, K.M. Potential Application of Trap (Targeted Region Amplified Polymorphism) Markers for Mapping and Tagging Disease Resistance Traits in Common Bean. *Crop Science.* *Crop Science* 46: 910-916. 2006.

Lozoya-Saldana, H., Guzman-Galindo, L., Fernandez-Pavia, S., Grünwald, N. J., and McElhinny, E. *Phytophthora infestans* (Mont.) de Bary. I. Host-pathogen specificity and resistance components. *Agrociencia* 40: 205-217. 2006.

- Lozoya Saldaña, H., Perales-Rosas, D., Fernández-Pavía, S. P., and Grünwald, N. J. Characterization of *Phytophthora infestans* (Mont.) De Bary. II. Subpopulations obtained from wild *Solanum* species. *Agrociencia* 40:325-333. 2006.
- Kang, S. Blair, J. E., Geiser, D. M., Khang, C.-H., Park, S.-Y., Gahegan, M., O'Donnell, K., Luster, D.G., Kim, S. H., Ivors, K.L., Lee, Y.-H., Lee, Y.-W., Grünwald, N.J., Martin, F.M., Coffey, M.D., Veeraraghavan, N., and Makalowska, I. Plant pathogen culture collections: It takes a village to preserve these resources vital to the advancement of agricultural security and plant pathology. *Phytopathology* 96: 920-925. 2006.
- Tyler, B. M., Tripathy, S., Zhang, X., Dehal, P., Jiang, R. H. Y., Aerts, A., Arredondo, F. D., Baxter, L., Bensasson, D., Beynon, J. L., Chapman, J., Damasceno, C. M. B., Dorrance, A. E., Dou, D., Dickerman, A. W., Dubchak, I. L., Garbelotto, M., Gijzen, M., Gordon, S. G., Govers, F., Grünwald, N. J., Huang, W., Ivors, K. L., Jones, R. W., Kamoun, S., Krampis, K., Lamour, K. H., Lee, M.-K., Maclean, D. J., McDonald, W. H., Medina, M., Meijer, H. J. G., Morris, P. F., Nordberg, E. K., Ospina-Giraldo, M. D., Phuntumart, V., Putnam, N. H., Rash, S., Rose, J. K. C., Sakihama, Y., Salamov, A. A., Savidor, A., Scheuring, C. F., Smith, B. M., Sobral, B. W. S., Terry, A., Torto-Alalibo, T. A., Win, J., Xu, Z., Zhang, H., Grigoriev, I. V., Rokhsar, D. S., and Boore, J. L. 2006. *Phytophthora* genome sequences uncover evolutionary origins and mechanisms of pathogenesis. *Science* 313:1261-1266. 2006.
- Grünwald, N. J. and Hoheisel, G.-A. Hierarchical analysis of diversity, selfing and genetic differentiation in populations of the oomycete *Aphanomyces euteiches*. *Phytopathology* 96:1134-1141. 2006.
- Grünwald, N. J., Sturbaum, A. K., Romero Montes, G., Garay Serrano, E., Lozoya-Saldaña, H., and Fry, W. E. 2004. Selection for fungicide resistance in a recombining population of *Phytophthora infestans*. *Phytopathology*, in press. 2006.
- Garnica, D. P., Pinzon, A. M., Quesada-Ocampo, L. M., Bernal, A. J., Barreto, E., Grünwald, N. J., and Restrepo, S. Survey and analysis of microsatellites from transcript sequences in *Phytophthora* species: frequency, distribution, and potential as markers for the phylum Oomycota. *BMC Genomics* 7:245. 2006.

Abstracts

- Grünwald, N. J. 2006. Impact and biology of *Phytophthora ramorum*. *Phytopathology*, in press.
- Grünwald, N. J., Kitner, M., and Linderman, R. G. 2006. Effect of flooding on root and foliar disease severity on Rhododendron caused by *Phytophthora ramorum*. *Phytopathology* 96:S43.
- McDonald, V. T., Grünwald, N. J. And Linderman, R. G. 2006. Evaluation of infection potential and sporulation of *Phytophthora ramorum* on five Rhododendron cultivars. *Phytopathology* 96:S75.
- Grünwald, N. J. 2006. Evolution and structure of populations of *Phytophthora infestans* and relatives at their center of origin. *Phytopathology* 96:S147.
- Grünwald, N. J., Prospero, S., Hansen, E., Tyler, B., and Lamour, K. 2006. Population divergence in *Phytophthora ramorum*. Mycological Society of America Meeting, Quebec City, Canada. P. 197.
- Grünwald, N. J., Press, C. M., and Carrington J. C. 2006. Cloning of candidate microRNAs from *Phytophthora sojae* and *P. ramorum*. Annual Meeting of the Oomycete Molecular Genetics Network , Wageningen, The Netherlands, May 4-7, 2006, p. 12.
- Grünwald, N. J. 2006. Population biology of the oomycete *Aphanomyces euteiches*: a hierarchical analysis of diversity, selfing, and genetic differentiation. Annual Meeting of the Oomycete Molecular Genetics Network , Wageningen, The Netherlands, May 4-7, 2006, p. 30.

iRNA affects developmental timing and patterning in Arabidopsis. *Curr Biol.* May 9;16(9):939-44.

Hamm, Phillip B.

Referred Publications

- Lorensen, J., P. Shield, P. Berger, J.M. Crosslin, & P.B. Hamm. 2006. Whole genome characterization of Potato Virus Y isolates collected in the western USA and their comparison to isolates from Europe and Canada. *Archives of Virology* 151: 1055–1074

- Crosslin, J.M., P.B. Hamm, D. Hane, J. Jaeger, C.R. Brown, P.J. Shiel, P. H. Berger, and R. E. Thornton. 2006. The occurrence of PVYO and PVYN strains in potato seed lots planted in Oregon and Washington. *Plant Disease* 90:1102-1105.
- Hamm, P.B., D. A. Johnson and T. Cummings. 2006. The alternate use of air and chemigation application methods for applying fungicides for the control of late blight in potato. *Am. J. Potato Res* 83:473-484.

Clientele Conference Proceedings

- Hamm, P.B., A. Jensen, A. Schreiber, S. DeBano, G. Clough, N. David, S. Rondon, and D. Wooster. 2006. Potato tuber moth invasion of Washington—Assessment of biology and options for management. Progress report to the Washington State Potato Commission. Pages 41-64
- Hamm, P.B. and D. Hane. 2006. Differential current season infection by potato Virus Y (PVY) in potato varieties. Progress report to the Washington State Potato Commission. Pages 65-72.
- Munyaneza, J., A. Schreiber, J. Crosslin, A. Jensen, P. B. Hamm, and H. Pappu. 2006. Epidemiology and management of Potato Yellow Syndrome (a.k.a. Purple Top/BLTVA). Progress report to the Washington State Potato Commission. Pages 135-144.
- DeBano, C. Clough, N. David, P. B. Hamm, A. Jensen, A. Schreiber, D. Wooster, and S. Rondon. 2006. Research on the development, biology, and control of potato tuber moth in the Columbia Basin conducted at OSU's Hermiston Agricultural Research & Extension Center. Proceedings of the 45th annual Washington State Potato Conference. Pages 13-38.
- Hamm, P.B., D. Hane, M. Pavek, S. Gieck, N. David, and L. Leroux. 2006. Differential current season infection by Potato Virus Y (PVY). Proceedings of the 45th annual Washington State Potato Conference. Pages 53-56.
- Munyaneza, J. E., J. M. Crosslin, A. S. Jensen, P. B. Hamm, and A. Schreiber. 2006. Beet leafhopper and potato purple top disease: 2005 season recap and new research directions. Proceedings of the 45th annual Washington State Potato Conference. Pages 107-118.
- Rondon S. I., S. DeBano, G. Clough, A. Jensen, and P. Hamm. 2006. Biología y manejo de la polilla de la papa en el noroeste de los Estados Unidos. In Proc. Washington State Potato Conference. Moses Lake, WA. Pp 139-141.

Abstracts

- Jensen, A., P.B. Hamm, S. DeBano, P. Landolt, A. Schreiber, and N. David. 2006. Invasion of the Oregon and Washington Columbia Basin by Potato Tuber Moth. *Potato Research* 83:116
- Munyaneza, J. E., A.S. Jensen, P.B. Hamm, and J.M. Crosslin. 2006. Phenology of the beet leafhopper, major vector of the potato purple top disease in the Columbia Basin. *Potato Research* 83:124.
- Whitworth, J.L., P.B. Hamm, D.C. Hane, C.S. McIntosh. 2006. Effect of potato virus Y (PVY) on yield of Russet Norkotah lines. Whitworth, J.L., P.B. Hamm, D.C. Hane, C.S. McIntosh. *Potato Research* 83:138.
- Crosslin, J.M., P.B. Hamm, P.J. Shiel, R. Thornton, D. Hane, P. Berger, C.R. Brown, and J. Jaeger. 2006. The occurrence of PVYO and PVYN strains in seed lots planted in Oregon and Washington during 2001-2003. *Potato Research* 83:104-105.
- Ingham, R.E., N.L. David, D.A. Horneck, G. Clough, P.B. Hamm and N.M. Wade. 2006. Crop rotation for management of *Meloidogyne chitwoodi*. *Journal of Nematology* 38:275-276.

Regional Reports

- Rondon, S.I., P.B. Hamm, and A. Jensen. 2006. Population dynamic of potato tuber moth in eastern Washington/Oregon. *Potato Progress* VI (9) 1-2.
- Johnson, D.A. and P.B. Hamm. 2006. Managing *Verticillium* wilt of potato with soil fumigation. *Potato Progress* VI (10) 1-3.

Hansen, Everett

Refereed journal articles

- Oh, E., E.M. Hansen, and R.A. Snieszko. 2006. Port-Orford-cedar resistant to *Phytophthora lateralis*. For. Path. 36:385-394.
- Winton, L.M., E.M. Hansen, J.K. Stone. 2006. Population structure suggests reproductively isolated lineages of *Phaeocryptopus gaeumannii*. Mycologia 98:(In Press).
- Winton, L.M., J.K. Stone, and E.M. Hansen. 2006. The systematic position of *Phaeocryptopus gaeumannii*. Mycologia 98:781-791.

Technical Reports

- Goheen, E.M., E. Hansen, A. Kanaskie, N. Osterbauer, J. Parke, J. Pscheidt, and G. Chastagner. 2006. Sudden Oak Death and *Phytophthora ramorum*. A Guide for Forest Managers, Christmas Tree Growers, and Forest-Tree Nursery Operators in Oregon and Washington. Oregon State University Extension Service. EM 8877, April 2006. 16p.
- Greslebin, Alina y E. Hansen. 2006. Novedades con relación al Mal del Ciprés. Patagonia Forestal Año XII N° 1 (Marzo 2006). CIEFAP, Esquel, Argentina. 19p.
- Liberato JR & Hansen EM (2006) Black-Stain Root Disease (*Leptographium wagneri*) Pest and Diseases Image Library. Updated on 11/08/2006 2:28:59 PM. Available online: <http://www.padil.gov.au>

Proceedings

- Greslebin, E., and E.M. Hansen. 2006. *Phytophthora austrocedrae* causes "Mal del cipres" of *Austrocedrus* trees in the Patagonian Andes of Argentina. Proceedings of the 54th Annual WIFDWC Meeting, Smithers, BC, October 2-6, 2006.

Abstracts

- Greslebin, Alina, and E.M.Hansen. 2006. A new *Phytophthora* from *Austrocedrus* trees with symptoms of "Mal del cipres" in the Patagonian Andes of Argentina. Phytopathology 96: S42 (Abstract).
- Parke, J.L., J. Bienapfel, E. Oh, D. Rizzo, E. Hansen, G. Buckles, C. Lee, and Y. Valachovic. 2006. Natural infection of tanoak seedling roots by *Phytophthora ramorum*. Phytopathology 96:S90. (Abstract).
- Parke, J.L., E. Oh, S. Voelker, N. Ochiai, and E. Hansen. 2006. *Phytophthora ramorum* reduces sapflow and specific conductivity of sapwood in mature tanoak. Phytopathology 96:S90. (Abstract).
- Reeser, P.W., E.M. Hansen, C. Hesse, D.M. Rizzo, and W.C. Sutton. 2006. Estimating diversity of *Phytophthora* in forest soils and streams in Southwest Oregon and Northwest California. Phytopathology 96: S96 (Abstract).
- Reeser, P.W., W.C. Sutton, and E.M. Hansen. 2006. *Phytophthora siskiyouensis*, a new species from soil and water in Southwest Oregon. Phytopathology 96: S97 (Abstract).
- Parke, J.L., E. Oh, N. Ochiai, J. Stone, and E. Hansen. 2006. Recovery and detection of *Phytophthora ramorum* from sapwood of mature tanoak. Phytopathology 96:S170. (Abstract).

Halse, Richard R.

Refereed journal articles

- Valentine, B.A., G.H. Taylor, J.K. Stone and R.R. Halse. 2006. Equine cutaneous fungal granuloma: a study of 44 lesions from 34 horses. Journ. European Soc. Veterinary Dermatology 17:266-272.

Hommel, Norman G.

Refereed journal articles

- Hommel N.G., Kurth E. G., Sayavedra-Soto L.A., and Arp D.J. (2006) Disruption of *sucA*, which encodes a subunit of α -ketoglutarate dehydrogenase, affects the survival of *Nitrosomonas europaea* in stationary phase. *Journal of Bacteriology* 188:343-347.
- Wei X., Yan T, Hommel N.G., Liu X., Wu L., McAlvin C, Klotz M.G., Sayavedra-Soto L.A., Zhou J., and Arp D.J. (2006) Transcript profiles of *Nitrosomonas europaea* during growth and deprivation of ammonia and carbonate. *FEMS Microbiology Letters*. 188:76-83.

Howell, Miya

Refereed journal articles

- Fahlgren N, Montgomery TA, Howell MD, Allen E, Dvorak SK, Alexander AL, Carrington JC. 2006. Regulation of AUXIN RESPONSE FACTOR3 by TAS3 ta-s

Ingham, Russell

Extension Publications

- Ingham, R.E., N.L. David and R.D. Davidson. 2006. Control of Columbia root-knot nematode in the San Luis Valley with Telone. *Pomme de Terre* 12:1-6. Colorado State University Cooperative Extension.

Extension online publication

- Porter, L.D., N.L. David, P.B. Hamm and R.E. Ingham. 2006. Nematode survey recently completed in fresh and dry pea production regions east of the Cascade mountains. *Pacific Northwest Vegetable Extension Group Newsletter* June 2006. http://mtvernon.wsu.edu/path_team/newsJune06.htm

Ivanchenko, Maria

Refereed journal articles

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Johnson, Kenneth B.

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Jovan, Sarah

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Kentula, Mary

Abstracts

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Kaye, Thomas

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Lajtha, Kate

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Liston, Aaron

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Mahaffee, Walter

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McCune, Bruce

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- Jovan, S. & B. McCune. 2006. Using epiphytic macrolichen communities for biomonitoring ammonia in forests of the greater Sierra Nevada, California. *Water, Air and Soil Pollution* 170:69-93.
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McEvoy, Peter

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Meinke, Robert

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Miller, Marilyn

Refereed journal article.

- Putnam, M.L., and Miller, M. 2006. Pathogenic isolates of *Rhodococcus fascians* from new hosts in the United States. *Plant Disease* 90:526.

Abstract

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Milligan, Allen J.

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Muir, Patricia

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Mundt, Christopher

Refereed journal articles

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Ocamb, Cynthia

Refereed journals articles

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- McReynolds R. B., and C. M. Ocamb. 2006. Evaluation of materials for the control of *Fusarium* wilt in field-grown sweet basil, 2005. Fungicide and Nematicide Tests Report No. 61:V117.

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- Ocamb, C. M., and R. B. McReynolds. 2006. Strategies for Controlling White and Gray Mold in the Same Snap Bean Field. 2 pp.
- Ocamb, C. M. 2006. White Mold of Snap Bean. A Clinic Close-up, Extension Plant Pathology. 2 pp.
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O'Malley, Robert

Refereed journal articles

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Parke, Jennifer

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Pfender, William

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Pscheidt, Jay W.

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Putnam, Melodie

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Rivin, Carol

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Robbertse, Barbara

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Sawyer, Teresa

Refereed journal articles

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Sayavedra-Soto, Luis A.

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Schoch, Conrad

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