

Botany and Plant Pathology Publications 2008

Armstrong, Donald

a. REFEREED JOURNAL ARTICLES

Banowetz, G. M., Azevedo, M. D., Armstrong, D. J., Halgren, A. H., and Mills, D. M., 2008. Germination-Arrest Factor (GAF): Biological properties of a novel, naturally-occurring herbicide produced by selected isolates of rhizosphere bacteria. *Biological Control* 46: 380-390.

Behrenfeld, Michael

a. REFEREED JOURNAL ARTICLES

Behrenfeld, M.J. , D.A. Siegel, R.T. O'Malley. 2008. Global ocean phytoplankton and productivity. In: [J.M. Levy, ed.] State of the Climate in 2007. *Bull. Amer. Meteor. Soc.* July 2008. pp. S56-S61.

Behrenfeld, M.J., K. Halsey, A. Milligan. 2008. Evolved Physiological Responses of Phytoplankton to their Integrated Growth Environment. *Phil. Trans. Royal Soc. B* 363, doi:10.1098/rstb.2008.0019.

Schneider, B., L. Bopp, M. Gehlen, J. Segschneider, T. L. Frölicher, P. Cadule, P. Friedlingstein, S. C. Doney, M. J. Behrenfeld, F. Joos. 2008 Climate-induced interannual variability of marine primary and export production in three global coupled climate carbon cycle models. *Biogeosciences* 5, 597-614

Wang, X., R. Le Borgne, R. Murtugudde, J. Busalacchi, M.J. Behrenfeld. 2008. Spatial and temporal variations in dissolved and particulate organic nitrogen in the equatorial Pacific: biological and physical influences. *Biogeosciences* 5, 1705-1721

Westberry, T. , M.J. Behrenfeld, D.A. Siegel, E. Boss. 2008. Carbon-based primary productivity modeling with vertically resolved photoacclimation. *Global Biogeochem. Cycles*. 22, GB2024, doi:10.1029/2007GB003078

Carrington, James

a. REFEREED JOURNAL ARTICLES

Backman, T.W., Sullivan, C.M., Cumbie, J.S., Miller, Z.A., Chapman, E.J., Fahlgren, N., Givan, S.A., Carrington, J.C., Kasschau, K.D. 2008. Update of ASRP: The Arabidopsis Small RNA Project Database. *Nucleic Acids Res.* 36, D982-985.

Batista, P.J., Ruby, J.G., Claycomb, J.M., Chiang, R., Fahlgren, N., Kasschau, K.D., Chaves, D.A., Gu, W., Vasale, J.J., Duan, S., Conte, D. Jr., Luo, S., Schroth, G.P., Carrington, J.C., Bartel, D.P., Mello, C.C. 2008. PRG-1 and 21U-RNAs interact to form the piRNA complex required for fertility in *C. elegans*. *Molecular Cell* 31, 67-78.

Meyers, B.C., Axtell, M.J., Bartel, B., Bartel, D.P., Baulcombe, D., Bowman, J.L., Cao, X., Carrington, J.C., Chen, X., Green, P.J., Griffiths-Jones, S., Jacobsen, S.E., Mallory, A.C., Martienssen, R.A., Poethig, R.S., Qi, Y., Vaucheret, H., Voinnet, O., Watanabe, Y., Weigel, D., Zhu, J.K. 2008. Criteria for annotation of plant microRNAs. *Plant Cell* 20, advance online publication PMID: 19074682

Montgomery, T.A. and Carrington, J.C. 2008. Splicing and dicing with a *SERRATE*d edge. *Proc. Natl. Acad. Sci. USA* 105, 8489-90.

Montgomery, T.A., Howell, M.D., Cuperus, J.T., Li, D., Hansen, J.E., Alexander, A., Chapman, E.J., Fahlgren, N., Allen, E., Carrington, J.C. 2008. Specificity of ARGONAUTE7-miR390 interaction and dual functionality in TAS3 trans-acting siRNA formation. *Cell* 133, 128-41.

Montgomery, T.A., Yoo, S.J., Fahlgren, N., Gilbert, S.D., Howell, M.D., Sullivan, C., Alexander, A., Nguyen, G., Allen, E., Ahn, J.H., Carrington, J.C. 2008. AGOMiR173 complex initiates phased siRNA formation in plants. *Proc. Natl. Acad. Sci. USA* 105, 20055-20062.

Preuss, S., Costa-Nunes, P., Tucker, S., Pontes, O., Lawrence, R.J., Mosher, R., Kasschau, K.D., Carrington, J.C., Baulcombe, D.C., Viegas, W., Pikaard, C.S. 2008. Multimegabase silencing in nucleolar dominance involves siRNA-directed DNA methylation and specific methylcytosine-binding proteins. *Molecular Cell* 32, 673-683.

c. BOOKS

Report from the Committee on Achievements of the National Plant Genome Initiative: Achievements and Future Directions, National Research Council, National Academies of Sciences. 2008. 153 pages. National Academy Press, Washington, D.C. Coauthored with 11 other committee members

Ciuffetti, Lynda

a. REFEREED JOURNAL ARTICLES

Andrie, R.M., Schoch, C.L., Hedges, R., Spatafora, J.W. and L.M. Ciuffetti. 2008. Homologs of *ToxB*, a host-selective toxin gene from *Pyrenophora tritici-repentis*, are present in the genome of sister-species *Pyrenophora bromi* and other members of the Ascomycota. *Fungal Genetics and Biology* 45: 363-377.
Manning, V.A., Hamilton, S.M., Karplus, P.A. and Ciuffetti, L.M. 2008. The Arg-Gly-Asp-containing, solvent-exposed loop of *Ptr ToxA* is required for internalization. *Molecular Plant-Microbe Interactions* 21: 315-325.

Cole, Rex

a. REFEREED JOURNAL ARTICLES

Hala M, Cole R, Synek L, et al. 2008. An exocyst complex functions in plant cell growth in *Arabidopsis* and tobacco. *The Plant Cell* 20, 1330-345.

Coop, Leonard

a. REFEREED JOURNAL ARTICLES

Stone, J. K., L. B. Coop, and D. K. Manter. 2008. Predicting effects of climate change on Swiss needle cast disease severity in Pacific Northwest forests. *Canadian Journal of Plant Pathology*. (in press).

b. TECHNICAL REPORTS (not refereed)

Coop, L. B. 2008. Daily and interactive degree-day maps for the USA. Oregon State University Integrated Plant Protection Center Web Site: <<http://pnwpest.org/wea/indexable.html>>
Coop, L., P. Jepson, C. Daly, W. Mahaffee, G. Taylor. Taming Uncertainties in Multi-Scale Pest and Disease Model and Decision Support Tools for Plant Biosecurity. NRI Plant Biosecurity CRIS Report. 2008. <http://cris.csrees.usda.gov/cgi-bin/starfinder/0?path=fastlink1.txt&id=anon&pass=&search=R=26963&format=WEBLINK>

f. ABSTRACTS OF PAPERS PRESENTED AT PROFESSIONAL MEETINGS

Coop, L., P. Jepson, G. Grove, A. Fox, C. Daly, W. Mahaffee, C. Thomas. 2008. Delivery of IPM Tools in Real Time for Decision Support – Pull. APS Pacific Division Annual Meeting, Jackson, WY, June 25, 2008. Symposium. <http://pnwpest.org/ipm/Coop_et_al_Pacific_Div_APS_2008.pdf>

Dall'Olmo, Georgio

a. REFEREED JOURNAL ARTICLES

Behrenfeld M.J, T.K. Westberry, E.S. Boss, R.T. O'Malley, D.A. Siegel, J.D. Wiggert, B.A. Franz, C.R. McClain, G.C. Feldman, S.C. Doney, J.K. Moore, *G. Dall'Olmo*, A.J. Milligan, I. Lima, and N. Mahowald (2008). Satellite-detected fluorescence reveals global physiology of ocean phytoplankton. *Biogeosciences Discussion*, 5, 4235-4270.

Gitelson, A.A. *G. Dall'Olmo*, W. Moses, D.C. Rundquist, T. Barrow, T.R. Fisher, D. Gurlin, and J. Holz. (2008). A simple semi-analytical model for remote estimation of chlorophyll-a in turbid waters: Validation. *Remote Sensing of Environment*, 112: 3582-3593, doi:10.1016/j.rse.2008.04.015

f. ABSTRACTS OF PAPERS PRESENTED AT PROFESSIONAL MEETINGS

Dall'Olmo G., T.K. Westberry, M.J. Behrenfeld, E. Boss and W.H. Slade (2008) Particulate backscattering and beam-attenuation coefficients in the Equatorial Pacific, Ocean Optics Conference XIX, Barga, Italy, 6-10 October 2008.

Gitelson, A.; Dall'Olmo, G.; Moses, W.; Rundquist, D. C.; Gurlin, D.; Berdnikov, S.; Zalogin, M.; Serenko, V. A semi-analytical model for remote estimation of chlorophyll-a in turbid productive waters: Calibration and Validation American Geophysical Union, Fall Meeting 2008, abstract #GC41A-0696

Gitelson, A.A., G. Dall'Olmo, W. Moses, D.C. Rundquist, T. Barrow, T.R. Fisher, D. Gurlin, J. Holz A model for chlorophyll-a retrieval in turbid productive waters, Ocean Sciences Meeting, Orlando, Florida U.S.A., 2-7 March 2008.

Westberry, T. K.; Dall'Olmo, G.; Behrenfeld, M. J.; Boss, E. Bio-optical observations of the North Atlantic Spring Bloom from continuous underway surface measurements American Geophysical Union, Fall Meeting 2008, abstract #OS31A-1251

Dolja, Valerian

a. REFEREED JOURNAL ARTICLES

Avisar, D., Prokhnevsky, A.I., and Dolja, V.V. (2008) Class VIII myosins are required for plasmodesmata localization of a closterovirus Hsp70 homolog. *J. Virol.* 82, 2836-2843. F1000

Avisar, D., Prokhnevsky, A.I., Makarova, K.S., Koonin, E.V. and Dolja, V.V. (2008) Myosin XI-K is required for rapid trafficking of Golgi stacks, peroxisomes and mitochondria in leaf cells of *Nicotiana benthamiana*. *Plant Physiol.* 146, 1098-1108. F1000

Koonin, E.V., Wolf, Y.I., Nagasaki, K., and Dolja, V.V. (2008) The Big Bang of picorna-like virus evolution antedates the radiation of eukaryotic supergroups. *Nature Rev. Microbiol.* 6, 925-939.

Peremyslov, V.V., Prokhnevsky, A.I., Avisar, D., and Dolja, V.V. (2008) Two class XI myosins function in organelle trafficking and root hair development in *Arabidopsis thaliana*. *Plant Physiol.* 146, 1109-1116. F1000

Prokhnevsky, A.I., Peremyslov, V.V., and Dolja, V.V. (2008) Overlapping functions of the four class XI myosins in *Arabidopsis* growth, root hair elongation, and organelle motility. *Proc. Natl. Acad. Sci. USA* 105, 19744-19749.

Schepetilnikov, M.V., Soloviev, A.G., Gorshkova, E.N., Schieman, J., Prokhnevsky, A.I., Dolja, V.V., and Morozov, S.Y. (2008) Intracellular targeting of a hordeiviral membrane-spanning movement protein: Sequence requirements and involvement of an unconventional mechanism. *J. Virol.* 82, 1284-1293. F1000

van den Born, E., Omelchenko, M.V., Bekkelund, A., Leihne, V., Koonin, E.V., Dolja, V.V., and Falnes, P. Ø. (2008) Viral AlkB proteins repair RNA damage by oxidative demethylation. *Nucleic Acids Res.* 36, 5451-5461.

b. TECHNICAL REPORTS (not refereed)

Dolja V.V. and V.P. Peremyslov "Closterovirus Vectors and Methods". New U.S. Provisional Patent Application, filed on January 31, 2008. OSU Ref. No. 06-57; Klarquist Ref. No. 245-79793-01.

Fowler, John

a. REFEREED JOURNAL ARTICLES

Hála M., Cole. R.A., Synek' L., Drdová' E., Pecenková, T., Nordheim, A., Lamkemeyer, T., Madlung, J., Hochholdinger, F., Fowler, J.E. and Zársky, V. (2008) An exocyst complex functions in plant cell growth in *Arabidopsis* and tobacco. *Plant Cell* 20: 1330-1345.
<http://www.plantcell.org/cgi/content/abstract/20/5/1330>

f. ABSTRACTS OF PAPERS PRESENTED AT PROFESSIONAL MEETINGS

Fowler, John E., Vejtlupkova, Zuzana, Cooper, Laurel D. Qu, Annie,,Watrud, Lidia S. Diversity and Conservation in Maize Pollen: Phenotypes and Transcripts. Invited Talk at Frontiers of Sexual Plant Reproduction III, Oct. 17-19, 2008, Tucson, AZ

Fowler, John E., Vejtlupkova, Zuzana, Qu, Annie, Watrud, Lidia S. Variation in Pollen Competitive Ability in Diverse Maize Lines. Poster Presentation at 50th Maize Genetics Conference, February 27 to March 2, 2008, Washington, D.C.

Freitag, Michael

a. REFEREED JOURNAL ARTICLES

Freitag, C.M., Cabrera, Y., Williams, M., Freitag, M. and Morrell, J.J. (2008) Fungi colonizing exposed durable wood in Hilo, HI. *Inoculum* 59, 29.

Jacobson, D.J., Raju, N.B. and Freitag, M. (2008) Evidence for the absence of meiotic silencing by unpaired DNA in *Neurospora tetrasperma*. *Fungal Genetics and Biology* 45, 351-362.

Lee, D.W., Freitag, M., Selker, E.U. and Aramayo, R. (2008) A cytosine methyltransferase homologue is essential for sexual development in *Aspergillus nidulans*. PLoS ONE 3:e2531.doi:10.1371/journal.pone.0002531.

Lewis, Z.A., Honda, S., Khlafallah, T.K., Jeffress, J.K., Freitag, M., Mohn, F., Schübeler, D. and Selker, E.U. (2008) Relics of repeat-induced point mutation direct heterochromatin organization in *Neurospora crassa*. *Genome Research* (Published in Advance December 17, 2008, doi:10.1101/gr.086231.108).

Pomraning, K.R., Smith, K.M. and Freitag, M. (2008) Genome-wide high throughput analysis of DNA methylation in eukaryotes. *Methods* (doi:10.1016/j.ymeth.2008.09.022) [Published online Oct. 21, 2008].

Smith, K.M., Kothe, G.O., Matsen, C.B., Khlafallah, T.K., Adhvaryu, K.K., Hemphill, M., Freitag, M., Motamedi, M.R. and Selker, E.U. (2008) The fungus *Neurospora crassa* displays telomeric silencing mediated by multiple sirtuins and by methylation of histone H3 lysine 9. *Epigenetics & Chromatin* 1:5 (doi:10.1186/1756-8935-1-5).

Uchida, M., Mouriño-Pérez, R.R., Freitag, M., Bartnicki-García, S. and Roberson, R.W. (2008) Microtubule Dynamics and the Role of Molecular Motors in *Neurospora crassa*. *Fungal Genetics and Biology* 45, 683-692.

Gent, David

a. REFEREED JOURNAL ARTICLES

Gent, D. H., Turechek, W. W., and Mahaffee, W. F. 2008. Spatial and temporal stability of the parameters of the binary power law. *Phytopathology*. 98(10):1107-17

Smith, J. A., Gent, D. H., Henning, J. A., Mahaffee, W. F., Ocamb, C. M., and Hummer, K. E. 2008. Notice of release of powdery mildew resistant *Humulus lupulus* var. *lupulus* germplasm accession 'Kazak 2000'. USDA-ARS Germplasm Release. *Submitted*.

Givan, Scott

a. REFEREED JOURNAL ARTICLES

- Backman T., Sullivan C., Cumbie J., Miller Z., Chapman E., Fahlgren N., Givan S.A., Carrington J., Kasschau K. (2008). Update of ASRP: The Arabidopsis Small RNA Project Database. *Nucleic Acids Research* 36(Database issue):D982-5.
- Michael T.P., Mockler T.C., Breton G., McEntee C., Byer A., Trout J.D., Hazen S.P., Shen R., Priest H.D., Sullivan C.M., **Givan S.A.**, Yanovsky M., Hong F., Kay S.A., Chory J. (2008). Network discovery pipeline elucidates conserved time of day specific cis-regulatory modules. *PLoS Genetics* 4(2): e14. doi:10.1371/journal.pgen.0040014
- Giovannoni S.J., Hayakawa D.H., Stingl U., Tripp J. H., Givan S.A., Cho J-C, Oh H-M., Kitner J.B., Vergin K.L., Rappe M.S. (2008). The Small Genome of an Abundant Coastal Ocean Methyloph. *Environmental Microbiology* 10 (7) , 1771–1782 doi:10.1111/j.1462-2920.2008.01598.x.
- Mockler T.C., Michael T.P., Priest H.D., Shen R., Sullivan C.M., **Givan S.A.**, McEntee C., Kay S.A., Chory J. (2008). DIURNAL: The Diurnal Project: Diurnal and Circadian Expression Profiling, Model-based Pattern Matching, and Promoter Analysis. *Cold Spring Harbor Symposia on Quantitative Biology* 2007 72:1, 353-363.

Goyer, Aymeric

a. REFEREED JOURNAL ARTICLES

Collakova E, Goyer A, Naponelli V, Krassovskaya I, Gregory III JF, Hanson AD, Shachar-Hill Y (2008) Arabidopsis 10-formyl tetrahydrofolate deformylases are essential for photorespiration. *Plant Cell* 20: 1818-1832.

b. TECHNICAL REPORTS (not refereed)

Goyer A, Navarre DA, Miklas PN (2008) Folate content in select dry bean genotypes. *Bean Improvement Cooperative Annual Report*. 51:132-133.

e. ARTICLES PUBLISHED IN CONFERENCE PROCEEDINGS

Goyer A, Navarre DA (2008) Folates in potato tubers: effect of genotype, location, storage, and development. *Am. J. Pot Res.* 85:10

Navarre R, Shakya R, Goyer A, Holden J (2008) Maximizing the phytonutrient content of potatoes. *Am. J. Pot. Res.* 85:21

f. ABSTRACTS OF PAPERS PRESENTED AT PROFESSIONAL MEETINGS

Goyer A. "Why and how to increase the nutritional value of food crops: the case of potato". Farm Fair, Hermiston, December 2nd 2008.

Goyer A, Navarre DA "Engineering of vitamin B₉ biosynthesis in potato tubers." Annual Meeting of the Potato Association of America. Buffalo, NY, August 2008.

Grunwald, Niklaus

a. REFEREED JOURNAL ARTICLES

Coyne, C. J., Porter, L. D., Inglis, D. A., Grünwald, N. J., McPhee, K. E. and Muehlbauer, F. J. Registration of W6 26740, W6 26743 and W6 26745 pea germplasm resistant to Fusarium root rot. *Journal of Plant Registrations* 2: 137 - 139. 2008.

Grünwald, N. J., Goss, E. M. and Press, C. M. *Phytophthora ramorum*: a pathogen with a remarkably wide host-range causing sudden oak death on oaks and ramorum blight on woody ornamentals. *Molecular Plant Pathology* 9: 729–740. 2008.

- Grünwald, N. J., Goss, E. M., Larsen, M. M., Press, C. M., McDonald, V. T., Blomquist C. and Thomas, S. L. First report of the European lineage of *Phytophthora ramorum* on *Viburnum* and *Osmanthus* spp. in a California nursery. *Plant Disease* 92:314. 2008.
- Grünwald, N. J., Kitner, M., McDonald, V. T., and Goss, E. M. Susceptibility in *Viburnum* to *Phytophthora ramorum*. *Plant Disease* 82:210-214. 2008.
- Kohn, L. M., Anderson, J. B., Schaffer, M., and Grünwald, N. J. Marker stability throughout 400 days of hyphal growth of *Sclerotinia sclerotiorum*. *Molecular Ecology Notes* 45:613-617. 2008.
- Malvick, D. K., Grünwald, N. J., and Dyer, A. T. Races, host range, and population structure of *Aphanomyces euteiches* from alfalfa production fields in the central U.S.A. *Eur. J. of Plant Pathology*, 123:171–182. 2008.
- Park, J., Park, B., Veeraraghavan, N., Jung, K., Lee, Y.-H., Blair, J. E., Geiser, D. M., Isard, S., Mansfield, M. A., Nikolaeva, E., Park, S.-Y., Russo, J., Kim, S. H., Greene, M., Ivors, K. L., Balci, Y., Peiman, M., Erwin, D. C., Coffey, M. D., Rossmann, A., Farr, D., Cline, E., Grünwald, N. J., Luster, D. G., Schrandt, J., Martin, F., Ribeiro, O. K., Makalowska, I., and Kang, S. *Phytophthora* database: A forensic database supporting the identification and monitoring of *Phytophthora*. *Plant Dis.* 92, 966-972. 2008.
- Romero-Montes, G., Lozoya-Saldana, H., Mora-Aguilera, G., Fernandez-Pavia, S., and Grünwald, N. J. Environment and slow epidemics favor oosporeulation of *Phytophthora infestans* Mont. De Bary, on potato leaves in the Toluca Valley, Mexico. *American J. Pot. Res.* 85: 101-109. 2008.

b. TECHNICAL REPORTS (not refereed)

- Grünwald, N. J., Davis, E. A., and Rolfe, K. Efficacy of registered and unregistered fungicides for control of Ramorum blight on camellia, 2007. Plant Disease Management Reports 2:OT015. 2008. (Technical report)
- Parke, J., Pscheidt, J., Regan, R., Hedberg, J., and Grünwald, N. J. *Phytophthora* e-course: Training for nursery growers. Oregon State University, E-campus; <http://oregonstate.edu/instruct/dce/phytophthora/index.html>. 2008. (Extension publication)

e. ARTICLES PUBLISHED IN CONFERENCE PROCEEDINGS

- Goss, E. M., Press, C. M., and Grünwald, N. J. Molecular evolution of an avirulence homolog (Avh) gene subfamily in *Phytophthora ramorum*. In: Frankel, S. J., Kliejunas, J. T., and Palmieri, K. M. USDA Forest Service, General Technical Report PSW-GTR-214, pp. 361. 2008.
- Grünwald, N. J. What can availability of the *Phytophthora ramorum* genome do for us? In: Frankel, S. J., Kliejunas, J. T., and Palmieri, K. M. USDA Forest Service, General Technical Report PSW-GTR-214, pp. 233-238. 2008.
- Grünwald, N. J., Kitner, M., and Linderman, R. G. Effect of flooding on root and foliar disease severity on *Rhododendron* caused by *Phytophthora ramorum*. In: Frankel, S. J., Kliejunas, J. T., and Palmieri, K. M. USDA Forest Service, General Technical Report PSW-GTR-214, pp. 363-365. 2008.
- Press, C. M., and Grünwald, N. J. Global gene expression profiles of *Phytophthora ramorum* strain Pr102 in response to plant host and tissue differentiation. In: Frankel, S. J., Kliejunas, J. T., and Palmieri, K. M. USDA Forest Service, General Technical Report PSW-GTR-214, pp. 435. 2008.
- Prospero, S., Britt, J., Grünwald, N. J., and Hansen, E. Population structure of *Phytophthora ramorum* in Oregon. In: Frankel, S. J., Kliejunas, J. T., and Palmieri, K. M. USDA Forest Service, General Technical Report PSW-GTR-214, pp. 239-242. 2008.

Halse, Richard

c. BOOKS

- Dennis, L.J. and R.R. Halse. 2008. Aquatic and Wetland Plants of Oregon. Uncial Press, Aloha, OR. 297 pp.

Hamm, Philip

a. REFEREED JOURNAL ARTICLES

- Hamm, P.B. 2008. Soil-borne Fungi. In: The Cannon of Potato Science: Potato Research 50: 239-241
- Kirk, W.W., S.L. Gieck, J.M. Crosslin and P.B. Hamm. 2008. The First Report of Corky Ringspot caused by *Tobacco Rattle Virus* on Potatoes (*Solanum tuberosum*) in Michigan. *Plant Disease* 92:485.
- Munyaneza, J.E., A. Jensen, P.B. Hamm, J.E. Upton. 2008 Seasonal Occurrence and Abundance of the Beet Leafhopper (Hemiptera: Cicadellidae) in the Potato Growing Region of Washington and Oregon Columbia Basin. *Am J. Potato Res.*85:77-84.
- Omer, M. A., D.A. Johnson, L.I. Douhan, P.B. Hamm, and R.C. Rowe. 2008. Detection, quantification and vegetative compatibility of *Verticillium dahliae* in potato and mint production soils in the Columbia Basin of Oregon and Washington. *Plant Disease* 92:1127-1131.

b. TECHNICAL REPORTS (not refereed)

- David, N.L. and P.B. Hamm. 2008. Effect of water volume when applying systemic fungicides for ergot control in seedling perennial ryegrass var. Americus in the southern Columbia Basin. In: Seed Production Research Ext/CrS 127. Pages 49-51.
- Hamm, P.B. N.L. David and D. A. Horneck. 2008. Controlling ergot with foliar applied fungicides in seedling perennial ryegrass var. Americus grown for seed in the southern Columbia Basin. In: Seed Production Research Ext/CrS 127. Pages 52-53.
- Johnson, D.A. and P.B. Hamm. 2008. Late Blight Forecast for the Columbia Basin in 2008. *Potato Progress* VIII (6) page 1.
- Johnson, D.A. and P.B. Hamm. 2008. Managing Silver Scuff in Potatoes. *Potato Progress* VIII, (7), page 1-2.

d. CHAPTERS IN BOOKS

- Crosslin, J.M., P.B. Hamm, K.S. Pike, T.M. Mowry, P. Nolte, and H. Hojtahedi. 2008. Management of Diseases caused by Viruses and Virus-like Pathogens. *Potato Health Management* 2nd Edition. APS Press. Chapter 17 (pages 160-170).
- Hamm, P.B., C.W. Hoy, P.J.S. Hutchinson, W. R. Stevenson, R. A. Boydston, J.M. Alvarez, A. Alykhin, G. Dively, N. C. Gudmestad, and W. W. Kirk. 2008. Managing Pesticide Resistance. *Potato Health Management* 2nd edition, APS Press. Chapter (pages 123-132).
- Hamm, P.B., R. Boydston, C.W. Hoy, W.R. Stevenson, and P.J.S. Hutchinson. 2008. Pesticide Application. *Potato Health Management* 2nd edition. APS Press. Chapter 13 (pages 113-122)

e. ARTICLES PUBLISHED IN CONFERENCE PROCEEDINGS

- Hamm, P.B., N. David, D. Inglis, B. Gunderson, and D. McMoran. 2008. Controlling seedborne silver scurf in smooth-skinned specialty potatoes. In *Progress reports of the Washington Potato Commission*. Pages 195-211.
- Hamm, P.B. Blue Mountain potato extension program. 2008. Progress report to the Oregon Potato Commission. Pages 12-28.

f. ABSTRACTS OF PAPERS PRESENTED AT PROFESSIONAL MEETINGS

- Clough, G., S. Rondon, S. DeBano, N. David, and P.B.Hamm. 2008. Use of cultural and chemical practices to reduce tuber damage from the potato tuberworm in the Columbia Basin. *HortScience* 43:1159-1160.

Hansen, Everett

a. REFEREED JOURNAL ARTICLES

- Adams, G.C., M. Catal, L. Trummer, E. M. Hansen, P. Reeser, J. J. Worrall. 2008. *Phytophthora alni* subsp. *uniformis* found in Alaska beneath thinleaf Alders. Online. *Plant Health Progress* doi:10.1094/PHP-2008-1212-02-BR.
- Hansen, E.M., A. Kanaskie, S. Prosper, M. McWilliams, E.M. Goheen, N. Osterbauer, P. Reeser, and W. Sutton. 2008. Epidemiology of *Phytophthora ramorum* in Oregon tanoak forests. *Can. J. For. Res.* 38:1133-1143.
- Reeser, Paul W., Wendy L. Sutton, and Everett M. Hansen. 2008. *Phytophthora* species causing tanoak stem cankers in southwestern Oregon. *Plant Disease* 92:1252.

e. ARTICLES PUBLISHED IN CONFERENCE PROCEEDINGS

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