

## **2001 WESTERN REGIONAL PLANT INTRODUCTION STATION PUBLICATIONS**

### **A. Peer Reviewed**

Anderson, J.A., R.W. Stack, S. Liu, B.L. Waldron, A.D. Fjeld, C. Coyne, B. Moreno-Sevilla, J. Mitchell-Fetch, Q.J. Song, P.B. Cregan, and R.C. Frohberg. 2001. DNA markers for Fusarium head blight resistance QTL in two wheat populations. *Theoretical and Applied Genetics* 120:1164-1168.

Cervantes, D. E., N. A. Bosque-Pérez, H-J. Ding and S. E. Eigenbrode. 2002. Oviposition Responses by Hessian Fly, *Mayetiola destructor*, to Wheats Varying in Surfaces Waxes. *Journal of Chemical Ecology*.

Dugan, F. 2001. APS workshop on fungi and indoor air quality draws capacity crowd in Salt Lake City. *Phytopathology News* 35:151.

Greene, S.L. and J.B. Morris. 2001. The case for multiple-use plant germplasm collections and a strategy for implementation. *Crop Sci.* 41:886-892.

Greene, S.L. 2001. Improving the quality of germplasm data to enhance germplasm use and management. *Plant Genetic Resources Newsletter* 125:1-8.

Hannan, R. M. Review of Legume (Fabaceae) Fruits and Seeds: Interactive Identification and Information Retrieval. By: J. H. Kirkbride, Jr., C. R. Gunn, A. L. Weitzman, and M. J. Dallwitz. Parkway Publishers, Inc., Boone, NC. *Crop Science* 41:582. 2001.

Hannan R.M. and Sorensen, E. J. 2001. Crop Profile for Garlic in Washington. Washington State University Extension Crop Production Bulletin MISC0369E. At <http://www.tricity.wsu.edu/~cdaniels/wapiap.html>. 15pp.

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Kaiser, W.J., and F.M. Dugan. 2001. *Mycosphaerella pinodes*, in: Ecoport: The Consilience Engine. University of Florida, Food and Agriculture Organization of the United Nations, and Smithsonian National Museum of Natural History, URL <<http://Ecoport.org>>, record # 22419,

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Li, Z, L. Qiu, J. Thompson, M. Welsh, and R. Nelson. 2001. Molecular Genetic Analysis of the U.S. and Chinese Soybean ancestral Lines. *Crop Science*. 41(4):1330-1336.

McClendon, M. T., D.A. Inglis, K.E. McPhee, C. J. Coyne. 2002. DNA marker for Fusarium wilt race 1 resistance gene in pea. *Journal of the American Society for Horticultural Science* (Accepted).

Morris, J.B. and S.L. Greene. 2001. Defining a multiple-use germplasm collection for the genus *Trifolium*. *Crop Sci.* 41:893-901.

Pilet-Nayel M.L, F.J. Muehlbauer, R.J. Mcgee, J.M. Kraft, A. Baranger, and C.J. Coyne. 2002. Quantitative trait loci for partial resistance to Aphanomyces root rot in pea. *Theoretical and Applied Genetics* (accepted 01/02).

Poole, G.J., W.J. Johnston, and R.C. Johnson. *Poa annua* diversity on golf course greens in the Pacific Northwest, USA. *Int. Turfgrass Society Research Journal* 9:192-197.

Rajesh P.N., K. Meksem, C.J. Coyne, D. Lightfoot, and F.J. Muehlbauer. 2002. Bacterial artificial chromosome (BAC) library construction in chickpea. *International Chickpea Newsletter* 9: (accepted 01/02).

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Steiner, J.J., P.R. Beuselinck, S.L. Greene, J.A. Kamm, J.H. Kirkbride, and C.A. Roberts. 2001. A description and interpretation of the NPGS birdsfoot trefoil core subset collection. *Crop Sci.* 41:1968-1980.

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### Books, Chapters, Proceedings, Popular

Bradley, V.L. and R.C. Johnson. 2001. An assessment of grass regeneration nurseries at the Western Regional Plant Introduction Station, 1994-1997. p. 883-884. In Proceedings of the XIX International Grasslands Congress, Sao Pedro, Sao Paulo, Brasil, 11-21 February 2001.

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Clement, S.L. 2001. Overview of *Neotyphodium* incidence in seed bank collections and plants in managed and unmanaged habitats, pp. 113-122. In: Proc. 4<sup>th</sup> International Neotyphodium/Grass Interactions Symposium (V.H. Paul and P.D. Dapprich, eds.). Universitat - Gesamthochschule Paderborn, Germany.

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Coyne C.J. 2001. Pea germplasm research. Proceedings of the Pacific Northwest Vegetable Association Annual Meeting (accepted 11/01).

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French, R., and Robertson, N. L. Foxtail mosaic virus. In Lapierre, H. and Signoret, P. (eds) Virus Diseases of Poaceae (Gramineae), (accepted 2001, Book Chapter, in press).

Greene, S.L., M. Gritsenko, G. Vandemark, and R.C. Johnson. 2001. Using GIS tools to collect germplasm: a promising strategy. In (eds. J. Engels, VR Rao, AHD Brown and M. Jackson ) Managing Plant Genetic Resources. Cab International Publishing.

Jenderek, M.M. and Hannan, R.M. 2001. Seed producing ability of garlic (*Allium sativum* L.) clones from two public U. S. collections. pg. 73-75. Proceeding of the Third International Symposium on Edible Alliceae. University of Georgia, Athens, GA, (published in 2001).

Johnson, R.C., P.B. Ghorpade, and V.L. Bradley. 2001. Evaluation of the USDA core safflower collection for seven quantitative traits. P. 149-152. Proceedings of the Vth International Safflower Conference, Williston, North Dakota, Sidney, Montana, USA, July 23-27, 2001.

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UK.

Mimura, M., CJ Coyne, TA Lumpkin, and MW Bumback. Genetic Diversity of Edamame Soybean (*Glycine max* (L.) Merr.) Proceedings of Second international vegetable soybean conference: August 10-12, 2001 Tacoma, Washington USA pp.129.

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Prosperi, J-M., G.C. Auricht, G. Génier, and R.C. Johnson. 2001. Medics (*Medicago L.*). p. 99-114. In N. Maxted and S. Bennett (ed.) Plant Genetic Resources of Legumes in the Mediterranean. Kluwer, Dordrecht, the Netherlands.

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Robertson, N. L. Barley yellow streak mosaic virus. In Lapierre, H, and Signoret, P. (eds) Virus Diseases of Poaceae (Gramineae), accepted 2001, (in press).

Welsh, M.M., 2001. Soybeans. In: Plant Sciences. Ed. R. Robinson. Macmillan Reference USA, New York. Vol. 4:69-71.

### **Abstracts, Reports, Posters**

Al-Saad, K. A., Sabrouskov, V., Siems, W.F., Knowles, N.R., Hannan, R.M., and Hill, H.H., Jr. 2001. Structural analysis of phospholipid molecular species by postsource decay matrix-assisted laser desorption ionization mass spectrometry. To the 49<sup>th</sup> American Society for Mass Spectrometry.

Clement, S.L., L.R. Elberson, F. Young, and N. Youssef. 2001. More on aphids and their natural enemies in Washington, pp. 63. 60<sup>th</sup> Annual Pacific Northwest Insect Management Conference, Portland, Oregon (Research report).

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<http://www.intl-pag.org/pag/9/abstracts/>

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species of Alternaria from Poaceae. *Phytopathology* 91:S109.

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Johnson, R.C., V.L. Bradley, and M.A. Evans. Improving effective population size during grass seed regeneration. Crop Science Society of America National Meetings, Charlotte, NC.

Johnston, W.J., R.C. Johnson, C.T. Golob, and J.W. Sitton, Seed production of diverse Kentucky bluegrass germplasm with various residue management systems. Crop Science Society of America National Meetings, Charlotte, NC.

Kisha, T.J., R.C. Johnson, D.Z. Skinner, and S.L. Greene. Comparison of molecular markers types for characterization of alfalfa accessions. Crop Science Society of America National Meetings, Charlotte, NC.

McClendon, M. T., C. J. Coyne, K. E. McPhee, D. A. Inglis. 2001. AFLP marker linked to Fusarium wilt race 1 resistance in pea. International Plant and Animal Genome VIII Conference. [http://www.intl-pag.org/pag/9/abstracts/P5f\\_16.html](http://www.intl-pag.org/pag/9/abstracts/P5f_16.html)

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Robertson, N. L. 2001. Alaskan native larkspur infected with a plant virus. *Phytopathology* 91:S76.