

2012 Botany and Plant Pathology Publications

Behrenfeld, Michael

Siegel D.A., Antoine, D., Behrenfeld, M.J., Fanton d'Andon O.H., Fields, E., Franz, B.A., Goryl P., Maritorea, S., McClain, C.R., Wang, M. Yoder J.A.. Global ocean phytoplankton. In: State of the Climate in 2011. *Bull. Amer. Meteor. Soc.* 93: S107-S110, 2012.

Milligan A.J., Aparicio U.A., Behrenfeld M.J. Fluorescence and nonphotochemical quenching responses to simulated vertical mixing in the marine diatom *Thalassiosira weissflogii*. *Mar. Ecol. Prog. Ser.* 448:67--78, 2012.

Dolja, Valerian

Kurth, E.G., Peremyslov, V.P., Prokhnevsky, A.I., Kasschau, K.D., Miller, M., Carrington, J.C., and Dolja, V.V. (2012) Virus-Derived Gene Expression and RNAi Vector for Grapevine. *J. Virol.* 86, 6002-6009.

Dolja, V.V. and Koonin, E.V. (2012) Capsid-less RNA viruses. In: *eLS* (Encyclopedia of Life Sciences). John Wiley & Sons Ltd, Chichester. DOI: 10.1002/9780470015902.a0023269.

Martelli, G.P., Abou Ghanem-Sabanadzovich, N., Agranovsky, A.A., Al Rwahnih, M., Dolja, V.V., Dovas, C.I., Fuchs, M., Gugerli, P., Hu, J.S., Jelkmann, W., Katis, N.I., Maliogka, V.I., Melzer, M.J., Menzel, W., Minafra, A., Rott, M.E., Rowhani, A., Sabanadzovich, S., Saldarelli, P. (2012) Taxonomic revision of the family Closteroviridae with special reference to the grapevine leafroll-associated members of the genus Ampelovirus. *J. Plant Pathol.* 94, 7-19.

Filichkin, Sergei

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Grevstad, Fritzi

Grevstad, F.S., C. O'Casey, and M.L. Katz. 2012. A comparison of four geographic sources of the biocontrol agent *Prokelisia marginata* (Homoptera: Delphacidae) following introduction into a common environment. *Environmental Entomology* 41: 448-454.

Ivanchenko Maria

Santisree P., Nongmaithem S., Sreelakshmi Y., Ivanchenko M. and Sharma R. (2012) The root as a drill: An ethylene-auxin interaction facilitates root penetration in soil. *Plant Signal. Behav.* 7, 151-156.

Jaiswal, Pankaj

Rice Working Group, Qingxi Shen, Diqui Yu, Jong-Seong Jeon, Pietro Piffanelli, Pamela Abbruscato, Ze-Jian Guo, Yuanji Zhang, Takeshi Itoh, Sung Lee, Robin Buell, Yasuo Nagato, Susan McCouch, Masahiro Yano, Guo-liang Wang, Kshirod Jena, Lizhong Xiong, Blake Meyers, Pankaj Jaiswal⁴ and Yukiko Yamazaki: Nomenclature report on rice WRKY's. Conflict regarding gene names and its solution. (2012) *Rice* 5(1): 3. doi:10.1186/1939-8433-5-3

Kentula, Mary

Nahlik, A. M., M. E. Kentula, M. S. Fennessy, and D. H. Landers. 2012. Where is the consensus? A proposed foundation for moving ecosystem service concepts into practice. *Ecological Economics* 77: 27-35.

Liston, Aaron

- Cronn, R., B. Knaus, A. Liston, P. J. Maughan, M. Parks, J. Syring, and J. Udall. 2012. Targeted enrichment strategies for next-generation plant biology. *American Journal of Botany* 99:291-311.
- Parks, M., R. Cronn, A. Liston. 2012. Separating the wheat from the chaff: mitigating the effects of noise in a plastome phylogenomic data set from *Pinus* L. (Pinaceae). *BMC Evolutionary Biology* 12, 100.
- Meyers, S.C., A. Liston, R. Meinke. 2012. An evaluation of putative sympatric speciation within *Limnanthes* (Limnanthaceae). *PLoS ONE* 7, e36480.
- Soza, V.L., J. Brunet, A. Liston, P. Salles Smith, V.S. Di Stilio. 2012. Phylogenetic insights into the correlates of dioecy in meadow-rues (*Thalictrum*, Ranunculaceae). *Molecular Phylogenetics and Evolution* 63: 180-192.
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Loper, Joyce

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Martin , Robert

- Quito-Avila, D.F. and Martin, R.R. 2012. "Real-time RT-PCR for detection of Raspberry bushy dwarf virus, Raspberry leaf mottle virus and characterizing synergistic interactions in mixed infections. *J. Virol. Methods* 179:38-44.
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McCune, Bruce

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McEvoy, Peter

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- Dauer, J.T., McEvoy, P.B. & Sickle, J.V. (2012) Controlling a plant invader by targeted disruption of its life cycle. *Journal of Applied Ecology*, 49, 322-30.
- Murtaugh, P. A., S. C. Sarah Emerson, P. B. McEvoy, and K. M. Higgs. 2012. The statistical analysis of phenology data. *Environmental Entomology* 41:355-361.

Milligan, Allen

Milligan, A.J., U.A. Aparicio and M.J. Behrenfeld. (2012) Fluorescence and nonphotochemical quenching responses to simulated vertical mixing in the marine diatom *Thalassiosira weissflogii*. *Marine Ecology Progress Series* 448:67-78.

Parke, Jennifer

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Putnam, Melodie

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Kropf, S.M., Putnam, M.L., Serdani, M., Twomey, M.C., Woods, J.L., and Gent, D.H. 2012. Sclerotinia wilt of hop (*Humulus lupulus*) caused by *Sclerotinia sclerotiorum* in the Pacific Northwest United States. *Plant Disease*, 96:583.

Pyke, David

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Stockwell, Virginia

Stockwell, V.O., and Duffy, B. 2012. Use of antibiotics in plant agriculture. World Organisation for Animal Health, OIE Scientific and Technical Review; Special Issue: Antimicrobial Resistance in Animal and Public Health, *accepted Vol. 31(1)*.

Rezzonico, F., Stockwell, V.O., Tonolla, M., Duffy, B., and Smits, T.H.M. 2012. *Pantoea* clinical isolates cannot be accurately assigned to species based on metabolic profiling. *Transplant Infectious Disease*, *in press*. (doi:10.1111/j.1399-3062.2011.00684.x).

Kamber, T., Lansdell, T.A., Stockwell, V.O., Ishimaru, C.A., Smits, T.H.M., and Duffy, B. 2012. Characterization of the antibacterial peptide herbicolin I biosynthetic operon in *Pantoea vagans* biocontrol strain C9-1 and incidence in *Pantoea* species. *Appl. Environ. Microbiol.* 78:4412-4419.