

# Internodes

## Mark Your Calendar

- Mid-Atlantic Exotic Pest Plant Council in cooperation with the Morris Arboretum of the University of Pennsylvania, *Complicating Factors in Invasive Plant Management – Circumstances Beyond Our Control?* University of Pittsburgh-Johnstown Campus, PA. August 11-12, 2009. [www.ma-eppc.org](http://www.ma-eppc.org)
- 10th International Conference on the Ecology and Management of Alien Plant Invasions (EMAPI), Stellenbosch, South Africa. 23-27 August, 2009. <http://www.invasivespeciesinfo.gov/news/calendar.php>
- 19th Conference of the Society for Ecological Restoration International, “*Making Change in a Changing World.*” Perth, Australia. August 23-27, 2009. <http://www.ser.org/>
- 12th European Weed Research Society (EWRS) International Symposium on Aquatic Weeds. Jyväskylä, Finland. August 24-28, 2009. [invasive-plants@ewrs.org](mailto:invasive-plants@ewrs.org) or <http://www.ewrs.org/ewrs-iw.htm>
- 2009 ICOET International Conference on Ecology & Transportation, *Adapting to Change*, September 13-17, 2009, Duluth, MN. “The 2009 ICOET conference needs to hear more about the vegetation (native and/or invasives), pollinators, migratory birds, and climate change research that is being done on, OR applies to, highway corridors.” [www.icoet.net](http://www.icoet.net)
- 36<sup>th</sup> Natural Areas Conference, *Living on the Edge: Why Natural Areas Matter*, Vancouver, WA. September 15-18, 2009. [www.natural-area.org](http://www.natural-area.org)
- 2009 North American Weed Management Association (NAWMA) Conference, *Response to the Riparian Invasion*. Kearney, NE. September 21-24, 2009. [www.nawma.org](http://www.nawma.org)
- International Congress on Biological Invasions, *Managing Biological Invasions Under Global Change*, Fuzhou, China. November 2-6, 2009. <http://61.154.14.15/icbi2009/default.htm>
- Southeast Herbicide Applicator Conference, Panama City Beach, FL. September 22-24, 2009. [www.conference.ifas.ufl.edu/sehac](http://www.conference.ifas.ufl.edu/sehac)

## Publications

*Influence of host-plant quality on the performance of Episimus unguiculus, a candidate biological control agent of Brazilian peppertree in Florida*, by V. Manrique, J.P. Cuda, W.A. Overholt, and S.M.L. Ewe. *BioControl* (2009) 54:475-484.

*Bringing Nature Home – How You Can Sustain*

*Wildlife with Native Plants*, by D.W. Tallamy. Timber Press. 2007. Written after the author purchased ten acres of land in southeastern Pennsylvania that had been invaded by alien plants such as multiflora rose, Oriental bittersweet and Japanese honeysuckle.

*Candidates for biocontrol of Macfadyena unguiculi in South Africa: biology, host ranges and potential impact of Carvalhotingis visenda and Carvalhotingis hollandi under quarantine conditions*, by H.E. Williams, S. Naser, and L.G. Madire. *BioControl* (2008) 53:945-956.

*Native North American Azolla weevil, Stenopelmus rufinusus (Coleoptera: Curculionidae), uses the invasive Old World Azolla pinnata as a host plant*, by R.W. Pemberton, J.M. Bodle. *Florida Entomologist* 92(2009): 153-155. “The native weevil, *Stenopelmus rufinusus*, a specialist herbivore on North American mosquito ferns (*Azolla* spp.), has adopted *Azolla pinnata*, an incipient invasive weed in Florida from the Old World. This situation...is unique.”

*Effects of hydrology on the growth and physiology of an invasive exotic, Lygodium microphyllum (Old World climbing fern)*, by S. Gandiaga, J.C. Volin, E.L. Kruger and K. Kitajima. *Weed Research* (2009) 49:283-290.

*Current practices and future opportunities for policy on climate change and invasive species*, by C.R. Pyke, R. Thomas, R.D. Porter, J.J. Hellmann, et al. *Conservation Biology* (2008) 22:585-592. “Federal research priorities suggest that the implications of using invasive species for biofuel production are receiving limited attention in comparison with large-scale research and development focused on engineering and agricultural technology.”

*The rationale for monitoring invasive plant populations as a crucial step for management*, by B.D. Maxwell, E. Lehnhoff and L.J. Rew. *Invasive Plant Science & Management* (2009) 2:1-9. “The model simulations suggest that managers could dedicate 50% of their management time to monitoring without risk of accelerating invasions or reducing the impact of their weed management program.”

*Palynological investigation of post-flight solid rocket booster foreign material* by D.M. Jarzen and L.A. Nelson. *The Microscope* (2008) 56:157-162. “Investigations of foreign material in a drain tube from the Solid Rocket Booster (SRB) of a recent Space Shuttle mission was identified as pollen” from a Florida Category I invasive pest plant, Brazilian pepper (*Schinus terebinthifolius*).

*Marketing time predicts naturalization of horticultural plants* by R.W. Pemberton and H. Liu. *Ecology* (2009) 90:69-80. “We analyzed a unique set of data derived from the detailed sales catalogs (1887-1930) of the most important early Florida, USA, plant nursery (Royal Palm Nursery) to detect naturalization patterns of these horticultural plants in the state.

*Prohibited plants – beware of the company you keep*, by L. Rodgers. *Ornamental Outlook* (2009) <http://www.ornamentaloutlook.com/magazine/?storyid=725>

*Landscaper’s darling hybridizes into an environmental nuisance – variation underlies the Callery pear tree’s transformation*, by S. Milius. *Science News* (May 9, 2009) [www.sciencenews.org](http://www.sciencenews.org) “The new pear study ‘does illustrate really nicely this issue of cultivated varieties and why we should be careful’ says conservation biologist Sarah Reichard of the University of Washington in Seattle.”

*Old World climbing fern (Lygodium microphyllum) – Find it...report it...kill it*, by R. Rowe. Florida Exotic Pest Plant Council (2009) <http://www.fleppc.org/publications.htm>

*Tropical soda apple biological control with Gratiana boliviana*, by K. Gioeli. University of Florida-IFAS Extension (2009), [http://plants.ifas.ufl.edu/misc/pdfs/TSA\\_Bio\\_Control\\_brochure\\_rev4.pdf](http://plants.ifas.ufl.edu/misc/pdfs/TSA_Bio_Control_brochure_rev4.pdf)

The March 2009 issue of *Forest Wisdom*, a publication by the Forest Guild, focuses on invasive insects and plants of forests. Available at: <http://www.forestguild.org/Publications.html>

## Kudos

Newt Hardie of the Kudzu Coalition (<http://www.kokudzu.com/>) has been named 2009 recipient of the prestigious *Spirit of Service* award. This recognition is given to one senior volunteer annually by the Corporation for National and Community Service (parent organization for AmeriCorps and Senior Corps) in conjunction with the Points of Light Foundation. “Who in the world can get people excited about Kudzu?” asks Kathy Dunleavy, President and CEO of United Way of the Piedmont. “One man – Newt Hardie! Newt recruited hundreds of teenagers, senior citizens, individuals with disabilities – all walks of life – and put them to work in the Kudzu patch. He mobilized an entire community around a central concern and look at the result! Newt Hardie has definitely made his mark.” – Congratulations, Newt! On behalf of the SE-EPPC, thank you for your dedication and hard work on controlling exotic pest plant species!

Michael Lusk, USFWS National Invasive Species Coordinator, presented the Center for Invasive Plant Management with the Invasive Weeds Awareness Coalition's 2009 special achievement award "for outstanding work in promoting education and research in invasive plant management and National Invasive Weed Awareness Week support." Visit CIPM's outstanding website at <http://www.weedcenter.org/>

### New Developments

Add your CWMA to the National Map! – A national map of Cooperative Weed Management Areas is being compiled by the National Network of Invasive Plant Centers (NNIPC) [see next item]. Programmed and hosted by the Center for Invasive Species and Ecosystem Health/Bugwood, the interactive Google map illustrates the broad range of community-led weed management efforts in the United States. (Be sure to click-and-drag to Alaska and the Canadian provinces, too.) All CWMA's are invited to input their data and become a pop-up point on the map - just go to <http://www.invasiveplantcenters.org/cwmamap.cfm>. All that's required is simple location and contact information. The map will continually evolve as people add their CWMA info.

The National Network of Invasive Plant Centers (NNIPC) intends to aggregate and synthesize a variety of regional information to provide a national perspective for natural resource managers, policy-makers, educators, researchers, and conservationists. It will focus on four areas that warrant national discussion and coordination: early detection and rapid response, cooperative weed management areas, economic impacts of invasive plants, and invasive plant education. For more information about the network, visit the NNIPC website at [www.invasiveplantcenters.org](http://www.invasiveplantcenters.org).

Southeastern Community College in North Carolina is offering an online Invasive Species Management program to provide individuals with training and field experience in controlling invasive species, with a focus on invasive plants. Students may choose to complete classes for continuing education requirements, a certificate in Invasive Species Management, or an associate in science degree in Environmental Science Technology with a second-year focus in Invasive Species Management. For more information, call SCC at 910-642-7141, ext. 279 or visit [www.sccnc.edu](http://www.sccnc.edu).

#### Aquatic Vegetation Control, Inc.

is seeking a regional manager for our Florida City location. Please contact Sharon Gillenwalters for information. DFWP, EOE

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