

IAPPS NEWSLETTER

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WELCOME TO OUR NEW GOVERNING BOARD MEMBER



I have the pleasure to welcome **Dr. Olga Afanasenko**, Professor and Corresponding Member of Russian Academy of Agricultural Science, as our new **IAPPS Governing Board member, coordinator of the newly established Region II: Eastern Europe**. Dr. Afanasenko started her academic career as a student at the faculty of Plant Protection of Leningrad Agriculture Institute (Saint Petersburg Agrarian University), and obtained her PhD in 1978 at the All Union Research Institute for Plant Protection (VIZR), Saint Petersburg, where she was a scientific collaborator until 1987. In 1989 she obtained her second high education degree at the Leningrad State University, a Diploma in “Biotechnology and Gene Engineering”, and 1997 she earned a new Doctorate degree in field of Phytopathology and Plant Protection. During the same year she was nominated Head of the Department of Plant Resistance to Diseases at the All

Russian Research Institute for Plant Protection. In 2007 she was awarded the rank of Professor in Plant Protection, and in 2010 she was nominated Corresponding Member of the Russian Academy of Agricultural Science.

Dr. Afanasenko’s research interests include studies on mechanisms of variability of plant pathogens populations, genetic diversity of barley and wheat resistance to diseases, genetic of cereal – hemibiotrophic pathogen interactions in pathosystems, and molecular mapping of disease resistance genes in barley.

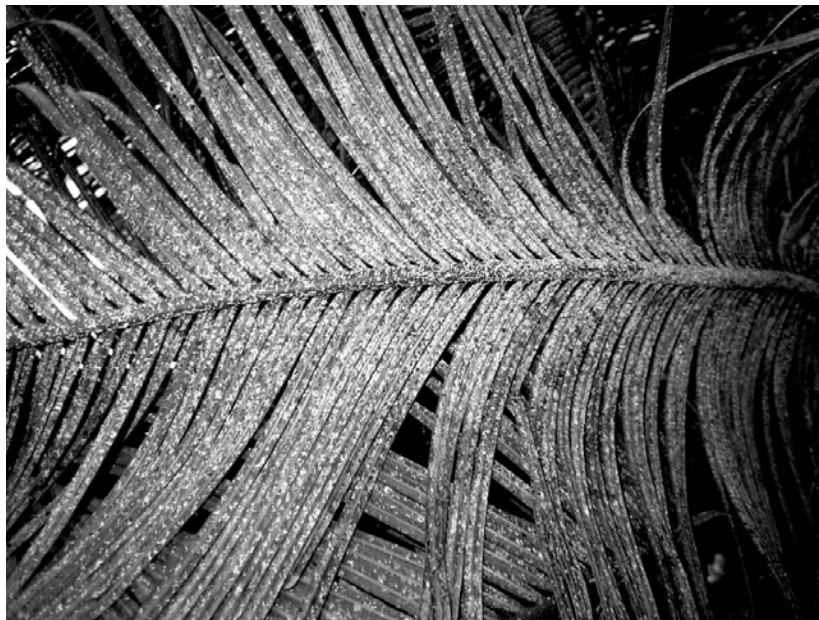
Since 1998 Dr. Afanasenko has been a member of Scientific Board of All Russian Research Institute of Plant Protection, chief of the Sector of Plant Resistance to Diseases of Department of Plant Protection at Russian State Academy of Agricultural Science, Moscow (since 2003), member of Expert Board of Highest Attestation Commission of Ministry of High Education and

Science , Moscow (since 2004), vice editor in Chief for ‘Mycology And Phytopathology’ (Russian Journal of Russian State Academy of Science) (since 2006), member of Scientific Board of the Saint Petersburg State Agrarian University and member of the Advisory Board in Plant Biotechnology of the Russian Academy of Agricultural Science, Moscow(both since 2011). Please join me in welcoming Olga on the Governing Board of IAPPS. She can be reached at olga.afanasenko@gmail.com

Prof. E.A. “Short” Heinrichs
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INSECTS CAUSING SERIOUS DAMAGE TO CYCADS IN ASIA AND WEST AFRICA

Cycads which are known to be primitive seed plants originated about 300 million years ago. *Cycas* is one of the genera of cycads represented by 10 species in Indonesia, six species in India and one species in Africa. However *Cycas revoluta*, a native of Okinawa is widely grown as an ornamental tree in different parts of the tropical world. In recent trips to Indonesia, India, Nepal, Senegal, and Mali, the cycad trees were severely infested by three different scale insects.

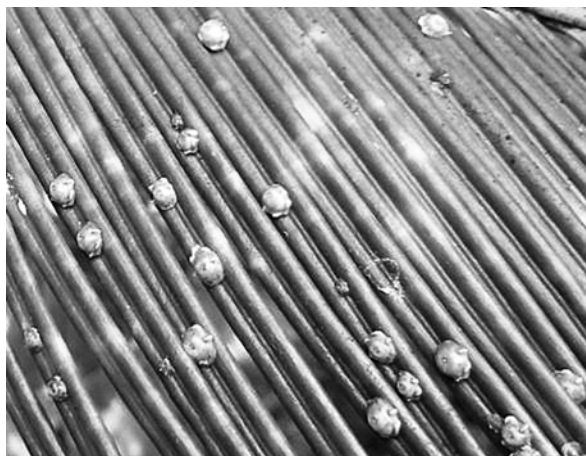


In Indonesia, the native and exotic cycads grown at the Bogor Botanic Garden were infested by the cycad aulacaspis scale, *Aulacaspis yasumatsui* which is known to kill cycads unless effective control measures are implemented. This scale was first collected in Thailand in 1972 and it was not considered as a serious pest as its parasitoids and predators kept it under control. Its accidental introduction to Florida in the 1990s led to the spread of this pest to several states in the

continental U.S.A, Hawaii, Micronesia and Taiwan and recently to Indonesia. In the absence of its natural enemies in the introduced countries, it has caused serious damage to introduced and native species of cycads.

In Mali and Senegal an armored scale insect, *Aonidiella orientalis*, has been found causing damage to *Cycas revoluta*. It is of northern India origin. It is also polyphagous and known to attack

mango, coconut and several other plants.



In India and Nepal the ornamental cycad, *Cycas revoluta* was infested by the pink wax scale, *Ceroplastes rubens* causing moderate damage to the plant. It is of African origin and is known to infest citrus, mango, avocado and several other plants. Copious production of honeydew by this scale results in growth of sooty mold which reduces the photosynthetic surface of leaves.

Of these three insects, *A. yasumatsui* is the most serious pest of cycads and has endangered endemic cycads in Taiwan and Guam. Countries wherein this scale is currently absent should take

active quarantine measures to prevent its introduction. Dr. Gillian Watson, California Department of Food and Agriculture, is kindly acknowledged for identifying *A. orientalis* and *A. yasumatsui*.

Prof. R. Muniappan

IAPPS Coordinator Region XI: North America

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ISAA 2013 - 10TH INTERNATIONAL SYMPOSIUM ON ADJUVANTS FOR AGROCHEMICALS

The 10th International Symposium on Adjuvants for Agrochemicals (ISAA 2013), will take place April 22-26, 2013 at Foz do Iguacu, Brazil.

For the first time in Brazil, this 10th edition will gather again colleagues not only from the hosting country but also from all over the world to discuss the newest technologies and share experiences on Adjuvants for Agrochemicals. The ISAA 2013 program will cover both scientific and commercial topics. Besides that, you will have a great opportunity to visit one of the greatest landscapes of this tropical country - the Iguacu Falls!

Come and join us to make this event a huge success.

For more information and details: <http://events.isaa-online.org>

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IAPPS Mission: to provide a global forum for the purpose of identifying, evaluating, integrating, and promoting plant protection concepts, technologies, and policies that are economically, environmentally, and socially acceptable.

It seeks to provide a global umbrella for the plant protection sciences to facilitate and promote the application of the Integrated Pest Management (IPM) approach to the world's crop and forest ecosystems.

Membership Information: IAPPS has four classes of membership (individual, affiliate, associate, and corporate) which are described in the IAPPS Web Site www.plantprotection.org.

The *IAPPS Newsletter* welcomes news, letters, and other items of interest from individuals and organizations. Address correspondence and information to:

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