



The Arizona Orchidist

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NEXT OSA MEETING

The next regular society meeting will be

Monday, April 1st at 7:00 P.M.

Meetings are held at the

Training Center

at the

Arizona State Veteran Home

4141 S. Herrera Way, Phoenix.

(Formerly North 3rd Street)

OSA meetings are open to all

plant enthusiasts

Refreshments will be provided

Beverage

Wilella Stimmell

Snacks

Joanne Waddoups

and Bob MacLeod

Refreshment Coordinators:

Barbara Parnell (480) 948-0714

Lou Ann Remeikis (602) 803-6889

Jo Anne Waddoups 480-654-9883

Board Meeting and

First Show Planning

April 21 at 1 PM

at the home of Julie Rathbun

Grower on Call:

Lou Ann Remeikis

602-803-6889

APRIL PROGRAM

Orchid Pest Control Products Used by OSA Members and a Surprise Demonstration of a Product Used on Phalaenopsis Plants

In addition to addressing the subject of pest control products that veteran growers use on their orchids, a product not usually available to the general public, but used by commercial growers to increase flower spikes and the number of flowers per spike, Julie will demonstrate how it is used.

Also, if any members have questions about an individual plant or about how to grow a specific orchid genus, we will try to answer your questions. So please don't be shy about asking questions. We sincerely want to help you!
editor

ORCHID QUIZ



3 free raffle tickets for the person who can identify the name of the orchid picture AND to the same person who can identify the hybridizer, the year it was registered, and what the name of the hybrid means .

Editors Note: If you enjoy the challenge of this quiz, let me know. We will include one in a future newsletter.

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From the President's Desk

Julie Rathbun

Before I report on our March meeting, I want to thank the workers who were a tremendous help in our booth at the Home and Garden Show on March 1-3. The names of the workers will be included in alphabetical order.

Joe Bacik	Bob Blue
Richard Holle	Bob MacLeod
Randy Ricardi	Lou Ann Remeikis
Dean Toms	

And 3 workers who were not yet members: John and Karen Barber, and Rob MacLeod (Bob's son)

Richard, Bob M, and I worked all 3 days of the show.

John and Karen Barber were a huge help with loading the plants (that were stored at my house) into my horse trailer on the first day of the show.

If I forgot to mention a worker, please know that it was unintentional.

We had another financially successful show. Thanks to everyone for their teamwork!

At our March 4 meeting, we had a full house, including several visitors.

For our meeting program, we showed the **DVD: Stig Dalstrom, Wild Orchid Man in the Mountains of Amazonas**. Everyone enjoyed seeing new orchids that Stig found in Peru and also enjoyed his humorous comments.

Due to the heavy rain on March 8, **the Fred Rathbun Horse Show was cancelled for March 9**. It will be re-scheduled for a date later this year. (A rain-soaked arena is unsafe for both participants and helpers.)

For our April 1st meeting program, we will talk about how we control orchid pests.

On **April 12th**, we will present a hands-on repotting program for the members of the **Washington Garden Club**. The time and place of our program will be discussed at our April 1st meeting.

For the benefit of new members who might not know our policy regarding permanent name badges: OSA pays for the first name badge. The cost is included in your membership dues. **New members must attend 3 meetings before we order a name badge for the new member.** If that badge is lost, a replacement badge is paid for by the member who lost the badge. We think that's fair.

Also, new members might not know that we do have a **Librarian, Lou Ann Remeikis**. She has **current copies of ORCHIDS magazine**. She keeps them at her home unless a member requests that she bring a particular issue to a meeting. To contact her, phone or e-mail her by using the contact information for her on page 1. Lou Ann is the Grower on Call for April.

See you on April 1!

Julie

**New Members
Karen and John Barber
Seek them out and make them welcome !**

March Raffle Donors
Iva Dobson, Richard Holle, OSA, Mike Sielaff,
Wilella Stimmell, and the family of August
Lorenzini

THANK YOU !

Wild Plants and Viruses
Science Daily Feb. 15, 2013

Researchers have studied viruses as agents of disease in humans, domestic animals and plants, but a study of plant viruses in the wild may point to a more cooperative, benevolent role of the microbe, according to a Penn State virologist.

"Most of these wild plants have viruses," said Marilyn Roossinck, professor of plant pathology and environmental microbiology and biology, who has examined more than 7,000 individual plants for viruses. "But they don't have any of the symptoms that we usually see in crop plants with viruses."

Most of the viruses Roossinck studied are new viruses, although they are related to viruses that have been examined in crops. According to the researcher, about half of the viruses that infect wild plants tend to be continually present in the plant -- persistent.

The viruses get passed from plants to their offspring through the seeds. Researchers are still trying to uncover exactly what viruses are doing in the plants. Since the viruses are found so often, they may be playing some role in the life of the plant, according to Roossinck.

In fact, studies indicate that viruses can be beneficial to some plants, making them hardier and helping them survive extreme temperatures and drought, said Roossinck, who reported on her research today (Feb. 17) at the annual meeting of the American Association for the Advancement of Science.

"When most people think of viruses, they think of serious diseases and death, such as the AIDS virus," Roossinck said.

However, on a research trip in Costa Rica, a biodiversity hot spot in Central America, she noticed that unmanaged wild plants looked healthier than managed agricultural fields.

During her research, Roossinck observed that most of the approximately 10,000 species of wild plants at the study site appeared healthy. The wild plants she studied included Fabaceae, an abundant family of plants related to beans. However, commercial crops -- melons, oranges, pineapple and aloe -- that were growing near the site were not as healthy.

"When I went to the forest, the wild plants looked healthy and gorgeous," Roossinck said. "Then, I went 10 kilometers away and the plants in the agricultural field were not looking so healthy. In the forest the plants are full of microbes: viruses, fungi and bacteria, whereas in crops farmers try to eliminate the microbes. Perhaps there is a connection."

Indeed, one plant virus that was found frequently in the forest was also found in nearby melon crops. In the melons it was causing severe disease, while in the wild plants there were no symptoms. Analyzing the viruses suggested that they were moving from the crops into the wild plants, but somehow the wild plants remained healthy.

Roossinck said she is curious about how the wild plants avoid disease, and if there is a way this can be used in agriculture.

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The Orchid Society of Arizona, Inc. is a non-profit 501 (C) (3) organization dedicated to community service and the study of orchids. It is affiliated with the American Orchid Society, the Arizona Federation of Garden Clubs, Inc. , and The Nature Conservancy.

OSA April 2013 Calendar

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 OSA Meeting 7:00 PM Phillip Liu Bob MacLeod 	2	3  Richard Holle	4	5	6
7	8	9	10	11	12  Sally Griffith	13
14	15	16	17	18	19	20
21 First Show Planning & Board Mtg	22	23	24	25	26  Mary Gannon Jan McVey	27
28	29	30  Susan Nahmias				



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 c/o Keith Mead
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