

Western Region Cuttings

Newsletter of the Western Region, North America - International Plant Propagators' Society

Spring 2018

Vol. 9, No. 2

The Pacific Rim Conference

Let's Meet
in the
Middle

July 31–August 4, 2018
Kona, Hawaii

IPPS

Sharing Plant Production Knowledge Globally

Also in this issue...

- 2018 Annual Meeting Venue, Speakers, Tours, and Auction
- Call for Posters
- Student Scholarship Recipients
- New Zealand Exchange Ambassador
- Papers and Presentations Available from the 2017 Annual Meeting in Oregon
- What Else is Coming Up?
- Membership Month
- Annual Meeting Sponsors



Aloha!



It's time to register for the Pacific Rim Conference!



The 2018 IPPS-Western Region Annual Meeting, the “Pacific Rim Conference”, will be here soon! The meeting will be held on the Big Island of Hawaii at the Courtyard King Kamehameha Kona Beach Hotel in the Kona Village. Dates of the event are July 31 to August 4, 2018.

On-line registration with itineraries, packages, and pricing are available at:

<http://wna.ipps.org/event/Regional-Events/2018-Pacific-Rim-Conference/QjJFQVIBJTNEJTNE>

Early registration prices have been extended until June 1, 2018, so book now!

Prices increase starting June 2, 2018.

The discounted hotel rate at the Courtyard King Kamehameha Kona Beach Hotel in Kona Village for the conference will also be available for 3 days prior to the conference and 3 days after the conference so that you and your family may plan for extra days of vacation on the Big Island!

Registration for the Annual Meeting with tours on the Big Island of Hawaii is OPEN NOW.

An Incredible Conference Venue: Courtyard King Kamehameha's Kona Beach Hotel



Aloha!

Make your conference hotel reservations by calling +1 808-329-2911. Tell the agent that you are with the IPPS group for our special conference rate. And remember, our special rate is also available for 3 days prior to the conference and 3 days after the conference!

Hawaiian Native Plants: One Focus Area at the Western Region Annual Meeting



Nellie Sugii and Timothy Kroessig
University of Hawaii, Lyon Arboretum
"Germplasm Storage and Propagation for Hawaiian Plant Conservation"



Noa Lincoln
University of Hawaii

"Traditional and Contemporary Propagation of Hawaiian Crops"



Tracie Matsumoto
USDA-ARS, Hawaii

"In Vitro Preservation of Subtropical and Tropical Fruit and Nut Crops"

Orville Baldos
University of Hawaii

"Developing Propagation Protocols for Native Hawaiian Plants with Potential Landscape and Indoor Uses"



Ethan Romanchak
Native Nursery, LLC, Hawaii

"The Propagation and Production of Ohi'a Lehua (*Metrosideros* sp.) for Retail, Landscape, and Reforestation"



Speakers from Around the Pacific Rim to Present at the Western Region Annual Meeting in Kona, Hawaii



David Cliffe

Narromine Transplants, Australia

"40 Years Spent in the Nursery Industry Trying to Containerise Everything: Successes and Failures"



Ian Duncalf

Plant Struck Ltd., New Zealand

"Proprietary Plants: The Effects of Protected and Promoted Products in Our Market"



Julienne Zhu

Nursery Stock Branch, China Flower Association, China

"China Horticultural Industry: Situation and Trends"

Chad Daniel Davis

Gardens by the Bay, Singapore

"Life Under Glass: Horticultural Operation at Gardens by the Bay"



Greg McPhee

Horticultural Communications Pty. Ltd., Australia

"A Decrepit Old Propagator Who Has Found New Life By Going Back to Basics"





Valerie Sikkema

Van Belle Nursery, Canada

"The Canadian Nursery Certification Program and How It Aids in Shipping Clean Plant Material"



Rakhi Chaturvedi

Indian Institute of Technology, India

"Possibilities on Accelerating the Endogenous Production of Medicinally Useful Metabolites in *Camellia* sp. via Androgenesis and Haploid Plant Production in Vitro"



Virendra M. Verma

Plant Propagation Research Center, Micronesia

"Plant Propagation and Commercial Cultivation in the Micronesian Region: Challenges and Measures for Sustainable Organic Production"



Andrea Kee

Gardens by the Bay, Singapore

"Applied Research at Gardens by the Bay: Bringing a World of Plants to Singapore"



Megan Robinson

Headford Propagators Ltd., New Zealand

Megan is the 2018 IPPS-New Zealand Region Exchange Ambassador to the IPPS-Western Region.



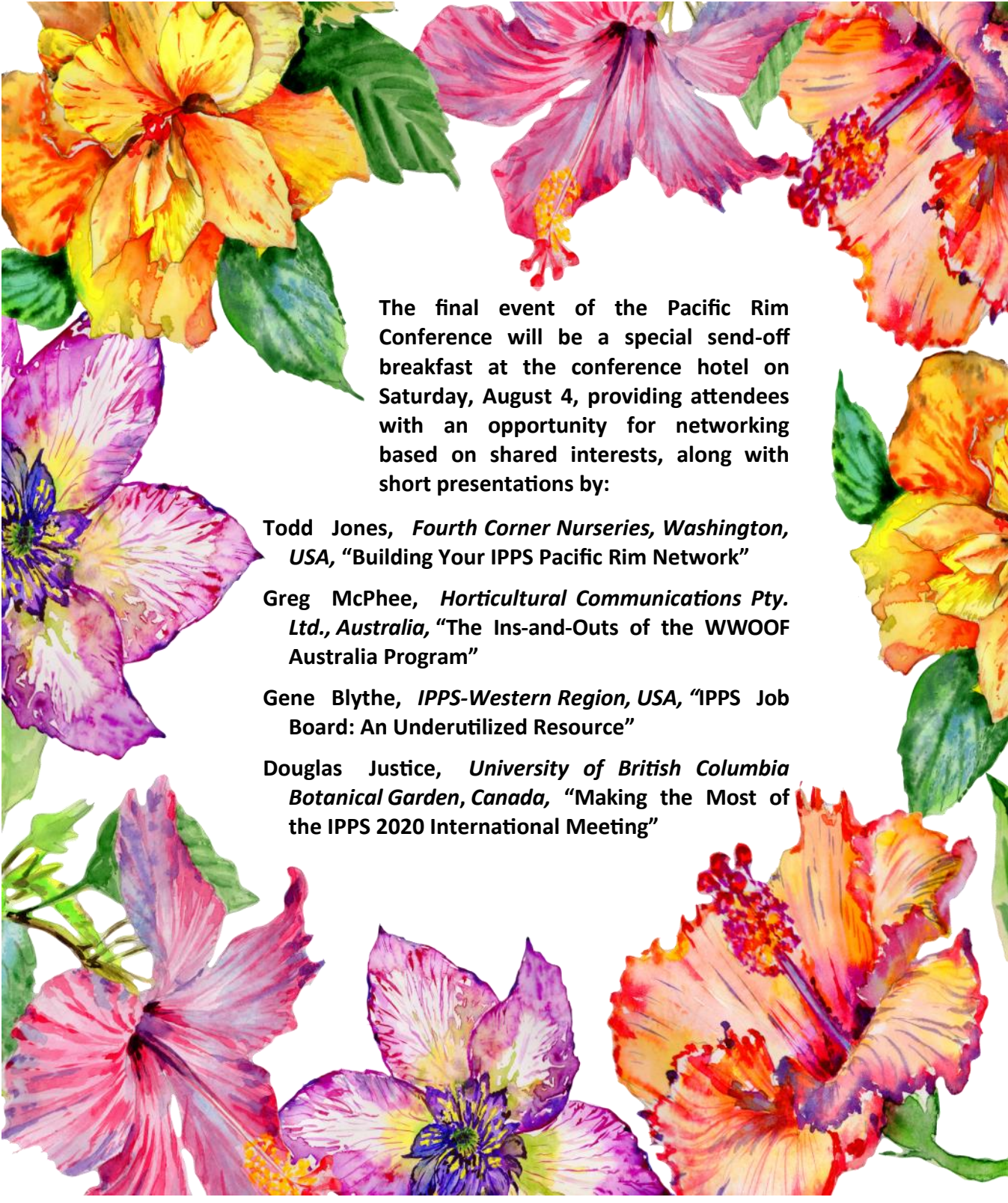
Andrew Abate

J. Frank Schmidt and Sons Company, Oregon, USA

Andrew is the 2018 IPPS-Western Region Exchange Ambassador to the IPPS-New Zealand Region.



Pacific Rim Conference to Conclude with a Special Breakfast Event



The final event of the Pacific Rim Conference will be a special send-off breakfast at the conference hotel on Saturday, August 4, providing attendees with an opportunity for networking based on shared interests, along with short presentations by:

Todd Jones, *Fourth Corner Nurseries, Washington, USA*, “Building Your IPPS Pacific Rim Network”

Greg McPhee, *Horticultural Communications Pty. Ltd., Australia*, “The Ins-and-Outs of the WWOOF Australia Program”

Gene Blythe, *IPPS-Western Region, USA*, “IPPS Job Board: An Underutilized Resource”

Douglas Justice, *University of British Columbia Botanical Garden, Canada*, “Making the Most of the IPPS 2020 International Meeting”

Ken Love, the “Hawai‘i Fruit Guru”, to Speak on Rare Fruit at the Annual Banquet in Kona



Everything I Would Plant If I Were 40 Years Younger, Had an Extra 100 Acres, and a Whole Bunch of Hippy Friends to Help on the Farm

Ken Love, Executive Director of the Hawaii Tropical Fruit Growers, will be the guest speaker at our banquet on Friday, August 3, during the Pacific Rim Conference in Kona. Ken is a Fruit Hunter, having searched for unusual fruit in more than 50 countries, all the while learning as much as possible about propagating and producing unique tropical fruits. Ken will be sharing from his vast experience in a presentation titled “Everything I Would Plant If I Were 40 Years Younger, Had an Extra 100 Acres, and a Whole Bunch of Hippy Friends to Help on the Farm.”

Originally from the South Side of Chicago, Ken studied cinematography at Columbia College. Ken worked as a wire-service photographer based in Chicago, and often found himself in Hawaii while on assignment in Asia. Eventually, he moved to Hawaii and bought a coffee plantation, which he later sold and made the switch to growing and promoting tropical fruit.

Ken has a passion for tropical fruit that extends to his work with Hawaiian farmers and chefs in promoting Hawaii-grown produce to local grocers, wholesalers, and restaurants. In particular, Ken has promoted Hawaiian avocados, having discovered that more than 200 varieties of avocados are grown on the Big Island of Hawaii, brought to the island as seeds by traders over three centuries, with the trees flourishing in the soils and climate of Hawaii.

Ken’s presentation to IPPS-Western Region is certain to be fascinating and inspiring. Don’t miss it!

All-Day Cross-Island Tour to be Featured on Thursday at the Pacific Rim Conference

On Thursday, August 2, we will travel on the Saddle Road, climbing to 6632 ft. (2021m) and crossing the island to the wet-side, arriving in Hilo to start a full day of tour stops. This will be an amazing day as we travel through different climate zones and elevations, finally heading south around the end of the island and up the dry side back to Kona. The scheduled tour stops are:

Manoa Waiakea Experiment Station - We will meet Dr. Tracie Matsumoto for a tour of the U.S. Pacific Basin Agricultural Research Center Tropical Plant Genetic Resources and Disease Research Unit.

Hawaiian Sunshine Nursery - Our next stop is a propagator, grower, and exporter of tropical and exotic plants. We will meet nursery manager Soon Boo and tour this award-winning, 30-year-old nursery (photo at right/top).

Nani Mau Gardens - We will enjoy a buffet lunch and self-guided tour of this 20-acre garden with artistically landscaped displays of native and exotic tropical flowers and plants, a spectacular orchid garden, rare palms, and tropical fruit orchards (photo at right/bottom).

Mauna Loa Macadamia Nut - After lunch, we'll make a 3-mile drive through macadamia nut orchards to Mauna Loa processing plants and visitors' center for a self-guided tour.

Akatsuka Orchid Gardens - We will meet Mr. Moriyasu Akatsuka for a tour of this export nursery and retail center. Established in 1974, Akatsuka Orchid Garden is a prominent grower of *Cattleya* orchids, with over 500 blooming orchids on display (photo at right).

Hawaii Volcanoes National Park Visitors Center - Here we will learn about this island's amazing volcanoes. The big island has five separate volcanoes: the Kohala, Mauna Kea, Hualālai, Mauna Loa, and Kilauea. Mauna Kea rises to 13,796 feet, is the tallest mountain in the state, and is the tallest sea mountain in the world. Mauna Loa is the largest volcano on Earth in terms of volume and area covered. The Hawaii Volcanoes National Park encompasses two of these volcanoes: Mauna Loa and Kīlauea.

Manukā State Wayside - As we make our way around the southern end of the island on our way back to Kona, we will make a brief rest stop.



Two Options for Friday Afternoon Tours in the Kona Area at the Pacific Rim Conference



On Friday, August 3, there will be two different tours in the Kona area to choose from, both starting at noon.

TOUR OPTION 1:

Hawaiian Gardens - Located in the Keahole Agricultural Park just above the Kona airport, Hawaiian Gardens has the Big Island's best selection of mature trees and shrubs, supplying both wholesale and retail customers. They are also a licensed landscape contractor and have been providing installation and design services to clients for over 25 years (photo above).

Mountain Thunder Coffee Plantation - We tour this small premium coffee roaster and learn why Kona coffee is considered some of the finest in the world. Hawaii is the only U.S. state to grow coffee commercially, and the Kona area (about 2 miles wide and 30 miles long) is one of the world's most ideal locations to grow coffee (photos below/left).

Kona Cloud Forest Sanctuary - We will meet Norman Bezona, the visionary, horticultural expert, and fellow IPPS member who will take us on a tour of his amazing sanctuary. You will discover what a tropical cloud forest really is; how it benefits the ecosystem, and the story of its development on the slopes of Hualalai, 3000 feet above the Kona coast (photo below/right).

(continued on next page)





(continued from previous page)

TOUR OPTION 2:

Greenwell Farms - Situated in the heart of the Kona Coffee growing region, the legacy of Greenwell Farms began in 1850 when Henry Nicholas Greenwell left England and first set foot on the fertile soil of rural Kona. Together with his wife, Elizabeth Caroline, Henry spent the next forty years farming, ranching, and perfecting his Kona Coffee, soon exporting it to Europe and the Americas (photos above).

The Vanillerie - We will meet Guy Cellier for a tour of his vanilla farm and learn about the beauty and history of this storied spice. Guy was born and raised in South Africa. Guy had the pleasure of calling many places home before eventually settling on the Big Island. Passionate about all manner of flora, his thirty years of forestry and agricultural experience helped him grow and manage the Big Island's sustainable *Eucalyptus* forests of over 18 million trees. The Vanillerie now delights local and international visitors (photos below).

Dean's is a maturing garden amongst a forest at 2200 feet elevation on the flank of Hualalai Volcano with old growth *ohi'a* and *hapu'u* mixed with palms and other tropical delights. While this is still a younger garden when compared with many other Big Island gems, it is safe to say it will hold the interest of the most experienced palm lovers. Owner Dean Ouer is a California transplant with landscape design experience. He moved to Hawaii about 15 years ago, subsequently retired, and now enjoys living and growing tropicals.



Pacific Rim Conference Auction

Please support the next generation of IPPS members by bringing something from your home region/area for this year's auction. All auction proceeds will be divided between three programs and used to fund the next generation of IPPS members:

- ◆ The Western Region's Bruce Briggs Memorial Scholarship program, which provides funding for students to attend the annual meetings.
- ◆ The International Exchange Program that provides funding for members at the beginning of their horticultural careers to visit and learn in other IPPS Regions.
- ◆ The New Region Mentoring Program; India and the Western Region are currently working together to make India the next IPPS region.

With attendees from all over the world, this should be a lot of fun and an opportunity to learn a little about each other's home regions. It might be something you make, something from your company or institution, or a common item that characterizes your corner of the world. We recommend bringing non-plant items (due to interstate and international regulations). Let's see if we can get everyone to bring an item and make this year's auction one we won't soon forget.

Call for Posters: Open Through June 30



You can participate in the Pacific Rim Conference by bringing or sending a poster to the meeting in Kona, Hawaii. A poster describing any research, development, or horticultural practice about plant propagation or plant production is appropriate as long as it is non-commercial in nature. Posters do not have to be academic or scientific in nature! If you have an innovative technique or method for growing plants, feel free to share it through a poster. Membership in IPPS is not required.

The IPPS-WR conference is continuing to also use the poster session for our New Plant Forum. Rather than presenting new plants in an oral session with limited time, new plants are presented as posters. This helps ensure that everyone gets a chance to see the new introductions and allows time for more in depth discussion. Both patented and non-patented plants may be presented. Posters should discuss the unique characteristics and features of each new plant. Information on the taxonomy and source of propagules (seed, cuttings, plugs, liners, etc.) should also be presented. Local authors should also feel free to bring specimens to present with the poster. Please limit your plant introductions to those from 2017 or newer.

More information and application: http://admin.ipps.org/uploads//IPPS-WR_2018_Call_for_Posters1.pdf.

Grants Committee Announces Five Recipients of the Bruce Briggs Memorial Scholarship for 2018

Laurie Rogers-Roach, Oregon Area Director and Grants Committee Chair, reports that the Grants Committee received applications from a wide range of colleges and universities within the Western Region this year. Of the nineteen applicants, five were chosen to attend the 2018 Annual Meeting in Hawaii. Scholarship recipients receive full registration and hotel accommodations for the annual meeting, along with a one-year student membership in the IPPS-Western Region. They also assist with various duties at the annual meeting. Be sure to meet and get to know our five scholarship recipients at the annual meeting in Kona, Hawaii!



UNIVERSITY
of HAWAII®
MĀNOA

Aleta Corpuz

University of Hawaii at Manoa, Honolulu, Hawaii

Aleta is planning to graduate in May 2018 from the University of Hawaii with an MS in Horticulture. She worked at Native Hawaiian Plant Specialists, where she propagated and maintained twenty species of native Hawaiian plants. She is currently a graduate assistant to Dr. Orville Baldos and is responsible for maintenance of plants in the greenhouse and assisting in plant experiments. Her Master's research involves studying the propagation and indoor light tolerance of four native Hawaiian *Peperomia* species. Aleta is of Native Hawaiian ancestry and has a strong connection to the land and its preservation. She has a passion for preserving native Hawaiian plants, as well as promoting the use of Hawaiian plants as ornamentals. After graduation, Aleta plans to start an ornamental and native plant nursery on Oahu.

CALIFORNIA
STATE
UNIVERSITY

Chico

Carter Winn

California State University, Chico, California

Carter is seeking a BS in Plant Science, Crops and Horticulture at California State University, Chico. He has been an intern at both TS&L Seed Company, collecting data for tomato trials and working in the greenhouse, and at Pioneer Seed Company, working as a sunflower isolation specialist. Carter is a member of World Wide Opportunities on Organic Farms and, through this membership, he was able to intern at Brooks Freshwater Fish in Haiku, Maui. This internship took him to the jungles of Maui, while working on the aquaponics fish farm. He has been an integral part of creating a new aquaponics center at Chico State. Carter plans to graduate in May 2019. He would like to follow his father's career path in agriculture and would like to return to Hawaii to start his career.

IPPS-New Zealand Member Megan Robinson: 2018 Exchange Ambassador to Western Region



IPPS-New Zealand Region member **Megan Robinson** is the recipient of this year’s New Zealand Region/Western Region exchange fellowship. Megan will be traveling from her home in Waimate, New Zealand, to the IPPS-Western Region Annual Meeting to participate in the Pacific Rim Conference. Megan will then travel to California where she will be hosted by Western Region members and visit nurseries and botanical gardens for a week.

Megan works at Headford Propagators Ltd., located in the small town of Waimate (latitude 45°S) on the South Island of New Zealand. The nursery grows liners, landscape ornamentals, and New Zealand native plants. With a fleet of 11 trucks, the nursery ships their products throughout New Zealand.

Megan comments, “I have worked at Headford Propagators Ltd. since September 2015 and have been learning all aspects of plant production while working alongside a highly experienced team. In July 2017, I completed New Zealand’s Primary ITO National Certificate in Horticulture. Two important things I have learned to be good at growing plants are: (1) Be observant at all times and (2) Don’t be afraid to try new ideas, but realize that every action has a consequence further down the line.”

“The exchange program will open my eyes to the world of horticulture,” Megan adds. “It will give me confidence to try new things in my current position and learn how New Zealand plants are used overseas. I am committed to horticulture as a career and want to learn more about the science of getting plants from seedlings to plants that are ready for sale.”



Membership Benefits:

Access to Papers and Presentations from the 2017 Annual Meeting in Wilsonville, Oregon

Did you know that you can access papers and presentations from the 2017 Annual Meeting in Oregon? Simply go to the Western Region website at wna.ipps.org, and then:

1. Click on “Member Log In” in the upper right-hand corner.
2. Enter your IPPS Username and Password, and click Log In to access members-only content.
3. Click on Proceedings and select Proceedings Library from the drop-down menu.
4. Click on PAPERS and PRESENTATIONS FROM THE IPPS-WRNA ANNUAL MEETING IN WILSONVILLE, OREGON, OCTOBER 17-20, 2017.
5. Click on the plus sign next to the title that interests you.
6. Click on DOWNLOAD PAPER to access the PDF version of the paper or presentation.



The following papers are currently available:

- **Automating a Propagation Nursery** by *John Cooley*
- **The Development of Fertilizer from the Early Years to Today** by *Norman Lafaille*
- **Biological Control in Propagation** by *Moriah LaChapell Schalock*
- **Adapting Automation to Your Operation** by *Joe Kupillas*
- **The Struggle is Real (But Fun!): Long-term Breeding at a Public University** by *Ryan Contreras*
- **Soil Digestive System: Functions and Benefits of Plant Growth-promoting Rhizobacteria** by *Stephen J. Becker*
- **Highlights of the IPPS 2017 Western Region/New Zealand Region Exchange and Ornamental Plant Breeding in New Zealand** by *Dharini Marinkovich*
- **2017 New Zealand Exchange Experience** by *Kelly Broadlick*
- **The Hordes: Emerging Pest Threats to Plants in the Western U.S.** by *Robin Rosetta*
- **What's Your Problem? Diagnosing Plant Disease for Nursery Growers** by *Luisa Santamaria*
- **Nuggets of Knowledge** by *Danny Takao and Larry Rupp*

Abstracts from the Poster Session are also available by clicking on POSTER ABSTRACTS FROM THE IPPS-WRNA ANNUAL MEETING IN WILSONVILLE, OREGON, OCTOBER 17-20, 2017.

So Tell Me ... What Else is Coming Up?



2018 International Tour and Eastern Region Annual Conference

Join plant professionals from around the world for this chance of a lifetime to tour the best horticulture and culture of New York City and surrounding areas, and then stay for the IPPS-Eastern Region conference in Newark, Delaware. Each year, the International Tour is organized for members of the International IPPS Board of Directors, but non-board members are welcome to join the tour. This year, participation will be limited to one coach bus (about 50 participants). Full tour: September 11-22; New York short tour: September 11-17; New Jersey-Delaware short tour: September 15-22; Eastern Region Conference: September 23-26.

For the complete **International Tour** itinerary and travel details, visit:

<http://ena.ippis.org/event/Regional-Events/2018-IPPS-International-Tour-Eastern-Region/VnpNSFI3JTNEJTNE>

For more information on the **Eastern Region Annual Conference**, visit:

<http://ena.ippis.org/event/Regional-Events/2018-Eastern-Region-Annual-Conference-Newark-Delaware/QVdVQVpRJTNEJTNE>

2018 Southern Region Annual Conference

IPPS-Southern Region will be holding their 2018 Annual Conference at the Read House in Chattanooga, Tennessee from October 20 to 24, 2018. Details will be forthcoming on their web site:

<http://sna.ippis.org/event/Regional-Events/2018-Southern-Region-43rd-Annual-Conference-Chattanooga-TN/VURGVU13JTNEJTNE>

2019 International Tour and Australian Region Annual Conference

IPPS-Australian Region will be hosting the 2019 International Tour, “It’s All in the Latitude”, followed by their annual conference, from May 17 to June 2, 2019. More information on this tour of tropical horticulture “down under” is available at:

<http://www.ippis.org/event/Regional-Events/2019-International-Tour-Australia/Qm1JSFIBJTNEJTNE>

Membership Month: May 17 to June 17, 2018



Seven reasons to join the International Plant Propagators Society

- Attend annual meetings and tour nurseries, arboreta, and propagation facilities.
- Exchange ideas with commercial producers and academics.
- Network with horticulture professionals around the world.
- Access a searchable database with 65+ years of hands-on propagation information.
- Submit and view resumes and job openings.
- Present research papers and posters.
- Have the opportunity to travel to other countries through an International Exchange Program.

Visit <http://wna.ipps.org/> and become a member.

IPPS is a global network of plant production professionals, including those involved in horticultural research and education. IPPS aims to improve the knowledge, skills and professionalism of its members.

We all know someone who would benefit from being an IPPS-Western Region member. IPPS members become part of a network of horticultural professionals and gain lifelong opportunities to learn and share. As a member, you can help continue the tradition of seeking and sharing within this global organization of plant professionals by recruiting other horticultural professionals to join IPPS-Western Region.

As a special bonus to you, **for every new member** you recruit to join IPPS-Western Region **between May 17 and June 17, 2018**, you will receive **\$25.00 off next year's Western Region membership dues!** That means you can receive **up to \$125.00 off your 2019 dues payment!** On the next page is a IPPS-Western Region membership form that you can print and use for recruiting today! Be sure the new member includes your name as their recruiter. [If the new member prefers to use the online system to join IPPS, send an email to Gail Gredler (ggredler@comcast.net) to notify her that you recruited the new member.]

This offer is available to current, regular members for recruiting up to 5 new members between May 15 and June 15, 2018. This offer does not apply to new student memberships.

International Plant Propagators' Society – Western Region

2018 Membership Application

EIN #23-7185861

Dues Options (check one):

_____ \$ **130.00** (U.S. funds) **Membership with online access to Annual Proceedings**

_____ \$ **15.00** (U.S. funds) **Student Membership with online access to Proceedings**

Name _____

Company/Institution _____

Address _____

Phone Number _____

Email _____

I was recruited for membership by _____

Please indicate your preferred method of payment:

Check made payable to *IPPS Western Region*. All checks must be in **U.S. dollars**.

Postal or International **Money Order** in **U.S. dollars**.

Credit Card - Visa or MasterCard only (please circle type)

Cardholder's Name: _____ Expiration date: _____

Card Number: _____ Security Code: _____

Signature: _____

Mail this application with your payment to the address below or, if paying by credit card, you may fax your completed form.

Return to: Gail Gredler, Secretary/Treasurer
IPPS - Western Region
P.O. Box 5634
Salem, OR 97304

Phone: (503)580-2960 Fax: (503)362-1353
E-Mail: ggredler@comcast.net

Please photocopy this form if you would like a copy for your records.

Our Thanks to the First Sponsors of the 2018 IPPS-Western Region Annual Meeting

Platinum Sponsors (\$1,800+)



Gold Sponsors (\$1,300)



Bronze Sponsors (\$500)



Western Region Cuttings

is published by the Executive Committee of the
Western Region, North America - International Plant Propagators' Society
wna.ipps.org
