

September 2019

<http://www.centrallouisianaorchidsociety.org>

### From the President

I trust everyone enjoyed our Ice Cream Social at last month's meeting (and my program too!) It was a very hot, humid day and that was the perfect thing to cool us off! I am already looking forward to doing that again next year 😊 We had a great turnout and I enjoyed getting to visit with everyone. I hope you had a wonderful summer and all of your plants made it through so far without any problems. Remember, if you have an orchid that you are just unsure as to what's happening with it, please bring it in for us to look at and help diagnose what the problem may be. Also, if you ever would like help repotting an orchid, we encourage you to bring it in for us to help you. Most orchid mediums need to be replaced every year or two depending on your watering and fertilizing habits, so don't delay repotting until the point of root loss. If you are unsure, bring it to a meeting and we'll help you with it. That's one of the benefits of belonging to the society, take advantage of experience and the expertise of others. I had planned on writing that summer is winding down, and now we move into my favorite time of the year, fall. HOWEVER, as I look at the 10-day forecast from now through our meeting date, every day is forecast to be in the upper 90s, and three days over 100 with a high of 103 on the 7<sup>th</sup>. So it looks like September will be a bonus summer month for us with the hottest temperatures so far, and I'll have to wait a lot longer for fall to get here. I really can't wait for the first cool snap and our night temps to finally start being lower. The biggest challenge to growing some of the cooler growing orchids is actually the night temperature, and there is not much we can do about that during the summer. So that relief should be coming by the end of the month. Our program this month is on Vanilla: Growing, Harvesting, and Curing. It is an American Orchid Society Webinar presented by Jim Reddekopp, owner of the Hawaiian Vanilla Company. Lots people I talk to have no idea vanilla is actually an orchid! Many of us have tried vanilla in the past, or still have plants, with most of us not having much luck blooming them. Jim will share his techniques for growing this unique orchid. Andrea and I will be bringing a couple of cuttings to donate to our raffle so here's a chance to get you a piece of vanilla to try.

See you on Sunday, September 15th at 2:30 pm!

Eron



**Meeting Time & Place**  
**Sunday, Sept 15 , 2019**  
**Plant Entry 2:00 pm**  
**Meeting time 2:30 pm**

**St. James Episcopal**  
**Youth Building**  
**1546 Albert Street,**  
**Alexandria, LA**

**Refreshments-Pam**  
**Primeaux**

#### Central Louisiana Orchid Society Officers

**President –Eron Borne**  
**Vice President – Wilton**  
**Guillory**  
**Secretary –Janice Upton**  
**Treasurer – Jim Barnett**  
**Director-Linda Roberts**  
**Director –Al Taylor**  
**Director- Andrea Mattison**  
**SWROGA Directors: Linda R**  
**AOS Representative –Wilton**  
**ODC Representative – Andrea**  
**Mattison**

**Newsletter Editor – Connie**  
**Guillory**  
**Show& Tell –Rick Allardyce**

## Upcoming Orchid Shows and Events

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Date/Time	Event
09/13/2019 - 09/15/2019	<a href="#"><u>Galveston Bay Orchids Society SWROGA Show</u></a> <i>HILTON HOUSTON NASA CLEAR LAKE, Houston Texas</i>
03/13/2020 - 03/15/2020	<a href="#"><u>Calcasieu Orchid Society Show and Sale</u></a> <i>Historic City Hall, Lake Charles LA /USA</i>
04/10/2020 - 04/11/2020	<a href="#"><u>The Shocking Beauty of the Orchid World</u></a> <i>Fort Worth Botanic Garden, Fort Worth Fort Worth</i>
04/18/2020 - 04/19/2020	<a href="#"><u>Tulsa Orchid Society Annual Show and Sale</u></a> <i>The Tulsa Garden Center, Tulsa OK</i>
05/02/2020 - 05/03/2020	<a href="#"><u>OKlahoma Orchid Show and Sale</u></a> <i>Will Rogers Garden Exhibition Center, Oklahoma City OK</i>

### Show and Tell

August 2019

#### Cattleya Division

1. Blc. Samba Splendor 'Puerto Rico' AM/AOS-Julia Borne
2. Enc. *phoenicea* 'Choco Milk' x Enc. *phoenicea* 'Dark Purple'-Al Taylor
3. 4 way tie btw. Julia, Al and Rick's plants

#### Cypridpedium Division

1. Phrag. Silver Eagle 'Pink Frost' AM/AOS-Elizabeth Borne
2. Paph Magic Lantern-Elizabeth Borne
3. Phrag. richteri 'Crooked Creek' HCC/AOS-Elizabeth Borne

#### Other Division

1. Milt. Goodale Moir- also Best Grown-Eron Borne
2. Den. Pale Doreen-Wilton Guillory
3. Bulb. George Gallipeau-Al Taylor



Milt. Goodale Moir- also Best Grown-Eron Borne



Paph Magic Lantern-Elizabeth Borne



Phrag. Silver Eagle 'Pink Frost' AM/AOS-Elizabeth B



*Enc. phoenicea* 'Choco Milk' x *Enc. phoenicea* 'Dark Purple'-Al Taylor



Den. Pale Doreen-Wilton Guillory



**Blc. Samba Splendor 'Puerto Rico' AM/AOS-Julia Borne**



**Bulb. George Gallipeau-Al Taylor**



*Phrag. richteri* 'Crooked Creek' HCC/AOS-Elizabeth Borne





# Decoding Orchid Nomenclature What's in a Name?



By: Eron, Elizabeth & Julia Bor



Orchid names can be divided into  
2 broad groups:  
Species and Hybrids



*Paphiopedilum armeniacum*  
(genus)  
(plural=genera) (species/epithet)

*Phragmipedium Waunakee Sunset*  
(genus) (hybrid name/epithet)  
(given by hybridizer)

August program was presented by Eron, Julia andn Elizabeth Borne.



*Let's Grow Together!*

[www.aos.org](http://www.aos.org)



**THE SEPTEMBER 2019 AOS CORNER – From the desk of Denise Lucero, Vice Chair, American Orchid Society Affiliated Societies Committee ([Affiliated\\_Societies@AOS.org](mailto:Affiliated_Societies@AOS.org)).**

**For newsletter editors: Orchid societies are welcome to reproduce the AOS Corner in whole or in part, in their society newsletters. We encourage promotion of AOS website use by your members.**

### **AFFILIATED SOCIETIES**

**As you may have heard, membership rates are increasing on Jan 1, 2020. If your renewal date is before July 1, 2020, you can renew early at today's rates. Renewing early removes the risk of missing the January 1st, 2020 date and allows the society to save a few dollars. The inclusion of Orchids Pro as part of membership also applies to societies and will be available on October 1st. Having an authorized society member designated to use this tool at a society show makes plant classifications easier, especially when the show is AOS judged. This is just one example of the award tool applied for affiliate use.**

**If you have additional questions, please send an email to [affiliated\\_societies@aos.org](mailto:affiliated_societies@aos.org). A member of our committee will reply to your inquiry.**



**The Trustees of the AOS and its Standing Committees meet twice each year in the spring and fall. This fall's meeting, which is hosted by the East Everglades Orchid Society, is being held October 16th – 20th, 2019 in Homestead, Florida. The Affiliated Societies Committee will meet Thursday morning, October 17th, so make sure to let your members know that they are welcome to join us. We would love to hear about your society and how we can support you. The web page is up, and registration is open so get signed up for the meeting and make your hotel reservation while space is available. It's not too late to join us but rooms are going fast!**

**Here's the link: <http://www.aos.org/news-and-events/members-meetings.aspx>**

**The AOS Board of Trustees is seeking nominations for members of the Board of Trustees of the American Orchid Society, for all six officers (for 2020-2022) and four trustees (for 2020-2023). Members may nominate any member in good standing, including themselves, and shall provide a rationale as to why they should be considered. All nominations will be evaluated by the Nominating Committee and a slate will be mailed, in accordance with the by-laws, prior to the election at the Members Meeting in the spring of 2020. You can look at the competencies Board Members are evaluated on at the link below. If someone in your society, or you, can provide guidance to the future of the AOS and is interested in serving on the Board, please send your nominations to Alan Koch at [nominating\\_committee@aos.org](mailto:nominating_committee@aos.org). Nominations will be accepted up to close of business September 25, 2019.**

**Here's the link: <http://www.aos.org/featured-content/call-for-nominations.aspx>**

**Make sure not to miss the President's message in the September issue of ORCHIDS magazine. Susan Wedegaertner tells us that one of the highlights of her position is the delivery of awards of appreciation. Recently, long time committee members of the AOS were recognized. The contributions and efforts of these individuals have helped to make the AOS into the organization we know today.**

**We're always looking for ideas to bring kids into the world of orchids. While planning your next orchid show don't forget to check out the AOS Kids Corner for ideas. Here's**

the link to the main page: <http://www.aos.org/orchids/kids-corner.aspx>. See other articles for instructions on how to create activities we've tested out or make up your own great activities. Please share your ideas and experiences with the Education Committee at [education\\_committee@aos.org](mailto:education_committee@aos.org).

Thanks again for all the pics that you are sending in for the Instagram feed. Our Instagram Administrator, Candace Hollinger, sends her appreciation to you all. It's wonderful to see such a variety of everything orchid that's enjoyed around the globe. Please remind your members that we would love pics of how they grow, what's blooming now or anything they love about orchids. Please continue to send your photos and short videos to: [americanorchidsociety@gmail.com](mailto:americanorchidsociety@gmail.com). Be sure to send a short caption explaining your photo. Also, if you are bilingual and can include your caption in English plus your other language(s)—it will help with our universal outreach.

Remember to check-in on our Facebook Group Page for Affiliated Societies of the American Orchid Society. The response has been great, many thanks to all of you who added pics of show banners. We can all learn from what has been successful for other societies. Let us know how your show went, and what was successful for you, or what didn't quite make the mark. Our administrator, Chad Brinkerhuff, monitors the feed and is a great resource for all that the AOS has to offer. Keep us up to date on what's going on at your local society and let us know how we can help you.

Don't forget to check out the List of Speakers to help you plan society meeting programs. You will now find the Affiliated Societies link on the home page under the "About Us" heading.

And... Here's a link to check it all out - <http://www.aos.org/>

## **CULTURE**

**EDEMA: What Are Those Strange Blisters? Text by Sue Bottom / Pictures by Terry Bottom**

**Originally published in ORCHIDS 2015**

**When I first noticed those corky blisters on the leaves of my orchids, I thought it was some kind of aberrant scale. I tried scratching them off and even tried excising them with an X-Acto knife, though of course it wasn't scale at all. The culprit was edema, also known as oedema; swelling caused by excess fluids.**

**In orchids, this swelling is caused by improper watering, when the roots absorb more water than can be transpired by the leaves. Typically, this happens during the cooler months in late winter and early spring, especially during extended periods of cool, cloudy weather. If you water on a gray day when the plant is not actively growing or you water late in the day on a day when the nighttime temperatures turn cool, edema blisters may form. The excess water absorbed by the plant causes a swelling of plant cells that produces a blister on the leaf.**

**Proper watering is the key to preventing edema blisters from forming. During the warm growing season when plants are in active growth and the nighttime temperatures are warm, you can water your plants with wild abandon. You can water in the morning, the afternoon or at night. In fact, when the humidity is very low, many orchid growers find it difficult to properly hydrate their orchids because they dry out so quickly.**

**Some selectively water in the evenings after the sun has set so their plants will stay wet overnight and soak up water. Fertilizer shouldn't be applied in the evening hours. Darkness, plus water, plus nutrients is a formula for fungal and bacterial growth. Most orchids grow in a nutrient-poor environment so even though the plants may be wet at night from heavy dews and rain, there is insufficient food to fuel roots and the like in nature. If you decide a nighttime watering regime is right for you, water at dusk and then apply your fertilizer in the early morning.**

**My go-to guy, Courtney Hackney, recommends nighttime watering during periods of low humidity and warm nighttime temperatures and notes some of the additional benefits from this approach. Your plants will be well hydrated so you will not have to worry about fertilizer toxicity. The roots will be ready to take up fertilizer as their**

surface condition has changed from hard and stiff to soft and pliable. If you live in an area with hard water, salts that accumulate in the medium, pots and roots will become soluble overnight, allowing them to be flushed out the next morning while fertilizing. Once the humidity rises or nighttime temperatures drop below the 65–70 F (18–21 C) range, you should resume the more conventional morning watering regime.

Watering during the cooler months is quite different than during the main growing season. Many orchids go through a winter resting period and some an outright dormancy, so the orchid's need for water and fertilizer is at a minimum. Your frequency of watering will be perhaps a quarter or a half of your summertime watering frequency. Water early in the morning, finishing before noon or so. Do not water on gray or rainy days, even if it is your "scheduled" watering day.

Orchid growers spend a lot of time worrying about different pests and diseases that might be afflicting their plants. I have come to believe that there are more physiological and cultural issues that cause problems with your orchids than those caused by pests and diseases. If you have access to the AOS Guide on Orchid Pests and Diseases, read or reread Tom Sheehan's discussion on physiological disorders caused by improper watering, light, nutrition, potting faults and other conditions (Sheehan 2002). His comments are as true today as the day they were written.



**This bifoliate cattleya has just developed edema. The blisters are always raised. Sunken spots would be suggestive of a bacterial infection causing a collapse of the cells. Sometimes edema is mistaken for scale, though scale can easily be rubbed off with alcohol and a cotton swab.**



The raised blisters are clearly displayed on this phalaenopsis leaf. Some of them are translucent, and some have taken on a corky appearance (image sent to [www.staugorchidsociety.org](http://www.staugorchidsociety.org) for diagnosis).

#### **Additional Reading:**

Cating, R.A., Palmateer, A.J., Stiles, C.M., Harmon, P.F. and Davison, D.A. 2014. Physiological Disorders of Orchids: Oedema. University of Florida, IFAS Extension, Plant Pathology Department, PP244, Revised April 2014.

<http://edis.ifas.ufl.edu/pp164>. Accessed July 16, 2015.

Sheehan, T.J. 2002. Physiological Disorders of Orchids. p. 4-21. In: Orchid Pests and Diseases, Revised Edition, T.J. Watson editor. American Orchid Society, Delray Beach, Florida.

— Sue Bottom started growing orchids in Houston in the mid-1990s after her husband Terry built her first greenhouse. They settled into St. Augustine, Florida, Sue with her orchids and Terry with his camera are active in the St. Augustine Orchid Society, maintaining the society's website and publishing its monthly newsletter. Sue is also a member of the AOS Editorial Board ([sbottom15@hotmail.com](mailto:sbottom15@hotmail.com)).

#### **UPCOMING WEBINARS**

It's easy to find the scheduled webinars and to register on the AOS website. You'll find the link under the All About Orchids tab. If you check there, you will find any webinars that have been scheduled after the production of this monthly Corner.

**What makes a great Vanda? with Robert Fuchs**

**Thursday, August 27th, 2019 @ 8:30-9:30 EDT**

**Members only**

Please join premier Vanda grower, AOS Judge, and Vice President Robert Fuchs as he talks about the beautiful Vanda Alliance and gives us judging tips as to what makes a good Vanda.



**Register now using this link:**

**<https://register.gotowebinar.com/register/6134179066366826498>**

**Vanda Misty Pace 'Crownfox' FCC/AOS; Photographer: Willie Alleyne**

**American Orchid Society: Greenhouse Chat with Dr. Ron McHatton**

**Thursday, September 5th, 2019 @ 8:30-9:30 EDT      Public**

**Please join Dr. Ron McHatton, AOS Chief Science Officer, as he answers your questions about all things orchid. He will discuss a variety of topics on orchid culture based on questions submitted by attendees. Please send your questions and pictures to Sandra Svoboda at [greenhouse@aos.org](mailto:greenhouse@aos.org) by Tuesday, September 3rd. Please include pictures as well.**

**Register now using this link:**

**<https://register.gotowebinar.com/register/147860524862361347>**

**Orchid Gardens of Latin America with Tom Mirenda**

**Wednesday, September 18th, 2019 @ 8:30-9:30 EDT**

**Members only**

**Please join Tom Mirenda, noted conservationist, orchid expert, and AOS Accredited Judge, as he takes us on a tour of Latin America's fabulous Orchid Gardens.**

**Register now using this link:**

**<https://register.gotowebinar.com/register/8567250965795696385>**

**Note: After registering you will receive a confirmation email information about joining the seminar.**

**WHAT ARE WEBINARS? Webinars are an Internet conference where you can hear the speaker and view the presentation, ask questions, and hear interactions from other members of the audience. You can join either on your computer or by phone. You can join from anywhere, via your Mac, PC or even your mobile device. Audio is included, so attendees can phone in or use VoIP (Voice over Internet Protocol). You will need a microphone for your computer to use VoIP.**

**WANT TO LEARN BUT CAN'T MAKE THE DATE? The live webinars will be recorded and posted on the AOS website, where you will find a link allowing you to view the webinars at your convenience.**

**THE SEPTEMBER ISSUE OF ORCHIDS MAGAZINE will feature great articles and beautiful pictures on:**

- **New Refugium Botanicum - TBD**
- **Orchids Illustrated - Masdevallia by Peggy Alrich and Wesley Higgins**
- **Lindleyana - New Ecuadorian Species, Part 2 by Hugo Medina, José Portilla and Iván Portilla**
- **Orchids of Bhutan - Diplomeris by Stig Dalström, et al.**
- **Who Were These Guys, Part 9 - Charles Robert Darwin by David Rosenfeld, MD**



- **Iceland's Hidden - *Dactylorhiza maculata* subsp. *islandica* by Sergey and Elena Skoropad**
- **Orchids Among the Thorns by Spiro Kasomenakis**
- **Genus of the Month - *Zootrophion* by Thomas Mirenda and Wolfgang Rysy**



***Zootrophion vulturiceps* 'Windflower' AM/AOS; Photographer: Arnold Gum**

**YOUR SOCIETY CAN EARN FREE AOS MEMBERSHIP EXTENSIONS:**

**Upcoming shows are a good time to encourage new membership to AOS. Affiliated societies can now earn a one-month extension of their AOS society membership for each new AOS member that they refer (note: membership renewals don't count). Make sure to note your Society Affiliation in the comments section of the application.**

**With twelve new AOS members, your affiliated society can have a FULL YEAR OF FREE AOS membership! Be sure to have membership applications with your society's name already filled in and available at your club meetings!**

**Remember to let your members know, we want to sweeten the deal and give them every possible reason to join AOS today! If they become an American Orchid Society**

member, they have considerably more resources at their disposal making growing orchids even more enjoyable and successful.

Digital Access to Over 350+  
past issues of Orchids magazine extending back to 1932!

**ALSO FEATURED IN ORCHIDS MAGAZINE!**

16-page award gallery of breath-taking pictures of recently awarded orchids.



**Paphiopedilum Howard Martin 'Howard P. Martin' AM/AOS; Photographer: Jennifer Lang Margaret Folwell**

**RECENT ORCHID AWARDS PICTURES ON THE AOS WEBSITE:**

See fabulous pictures of the most breathtakingly beautiful orchids receiving awards from the AOS! Visit the new “Latest Orchid Awards” page on the AOS website to enjoy these stunning photographs! Click on the thumbnails to see them in larger format. Free to members and non-members.



**Stanhopea saccata 'Dude' AM/AOS;**

**Photographer Wilton Guillory**

**Let's grow together,  
Denise Lucero**

**American Orchid Society | PO Box 565477 | Miami FL 33256-5477**

**Telephone: 305-740-2010 | FAX: 305-747-7154**



Rlc. Old Faithful 'Louisiana' HCC/AOS 78 pts. Awarded at August Shreveport Judging Center-Al Taylor



Vanda.....'Westway Farms' HCC/AOS 77 pts awarded in August at Shreveport Judging-Don Ghiz



Clowestrum Lydia Pan 'Westway Farms' HCC/AOS 77 pts. Awarded at Shreveport Judging in August-Don Ghiz



Paph.....'Slipper Zone Venus Rises' HCC/AOS 78 pts. Awarded at Shreveport Judging-Graham Wood



**Vandachostylis Janice Allison 'Benin Blue' HCC/AOS 77 pts awarded at Shreveport Judging  
Mary Mancini's plant**

## **CLOS MINUTES**

**August 18, 2019**

- 1. Call to Order – Eron opened the meeting at 2:45 P.M. Eron introduced our visitors as John David, Lisa, Bonnie and Jacob. Jacob found out about our meetings by looking at our website.**
- 2. Minutes – Wilton made a motion to accept the July 2019 minutes as written. Linda seconded and the motion passed.**
- 3. Officers' Reports –**

**President: Eron stated Galveston's SWROGA will be September 13<sup>th</sup> , 14<sup>th</sup> and 15<sup>th</sup>. Rick is planning to go. Eron discussed the benefits of joining AOS. Orchid Pro will now come with your membership beginning in October. It's part of your dues. You will be able to research your orchids' genealogy. They also offer webinars including access to past ones. Eron had ordered two more bags of Orchiata in 2 different sizes for our raffles. There was a bulk order made so prices would be lower. He thanked Doris, Richard, Judy and Janice for the refreshments. Eron brought ice cream so that we could have an ice cream social along with our regular refreshments.**

**Vice-President: Wilton went to Fort Pierce, Florida for the cattleya symposium. He thought it was interesting and educational. Connie also attended and took pictures while there.**

**Treasurer: Jim stated that we had added \$50.00.**

**Secretary : Janice stated no report.**
- 4. Old Business – Eron went over the refreshment list for the rest of 2019. Wilton will do the wire bending session at our October meeting.**
- 5. New Business –Outreach judging – Al needs to call and get more information.**
- 6. Presentation – Eron, Julia and Elizabeth gave a presentation “Decoding Orchid Nomenclature: What's in a Name”.**
- 7. Adjournment – Eron adjourned the meeting at 4:25 P.M.**

**Submitted by Janice Upton**

# Monthly Checklist for September and October

## Cattleya

Despite the shortening days and lowering angle of the sun, September can still be one of the hottest months. Water and fertilizer need to be in balance with heat and light. The alert grower will notice, however, that his or her plants are beginning to slow down a bit. Growths are maturing, and the sheaths are giving the promise of the next six-months' bloom.

Check plants for potting needs for the last time this season. Any in dire need should be potted, even some that may be on the cusp, as there is just enough of the growing season left to allow the plants to establish before the days start to get really short and cold.

This is the month for purples derived from *Cattleya labiata* breeding to flower. If you are short on flowers, look into this group. There is nothing that can quite match this type for beauty and fragrance. They are easy to grow, too.

Plants summered outdoors should begin to be prepared to be brought back into the winter growing area. Clean the plants up and be on the lookout for any pests they may have picked up during the summer. Treat as necessary.





*Cycnoches chlorochilon*, the green swan orchid.

## Cycnoches

This little-known and under-appreciated genus, which can have male or female flowers, is at its best in the autumn. Two of the spectacular varieties are *Cycnoches loddigesii*, with its large brown flowers resembling a prehistoric bird, and *Cycnoches chlorochilon*, the swan orchid. This last one has large, fragrant green flowers. The biggest problem, culturally, will be red spider mite infestations that require immediate attention. Plants are quite seasonal, requiring heavy watering in the growing season and then a drier dormant winter season.

## Cymbidium

Summer can be the most rewarding season for cymbidiums. Growths should be coming strong now. The leaves of the new growths are best when they are broad and fairly stiff. The color should be a light green to nearly yellow. Early flowering varieties should be showing flower spikes, so move the

plants into a cooler area with lower light. For mid-season varieties, lower the dosage of nitrogen to assist in spike initiation.



*Dendrobium Burana Stripe* is a popular and easy phalaenopsis-type hybrid.

## Dendrobium

This is a good season for hybrids of the *Dendrobium phalaenopsis* and *Dendrobium canaliculatum* types. Both are capable of putting on tremendous shows of long-lasting flowers. Fertilize with a low-nitrogen formula to promote the best flowers. *Dendrobium phalaenopsis* can get tall and top heavy, suggesting an attractive and heavy container would be appropriate for this type.

## Rhynchostele biconiense

Both *Rhynchostele biconiense* and its hybrids bloom in this season. *Rhynchostele biconiense*, formerly known as *Lemboglossum*, *Odontoglossum*) is a showy species from Mexico that has three different color forms: sulphureum (green with white lip), album (brown with white lip) and roseum (brown with a pink lip). It is a vigorous grower with tall inflorescences of many flowers, and imparts to its progeny (as seen in Odcdm. Bittersweet and Odm. bicross) ease of culture, warmth tolerance and eye-catching patterns. They make a prime candidate for odontoglossum beginners and advanced alike.

## Paphiopedilum

Standard, green-leaved paphiopedilums begin to show their bloom sheaths this month. Late-season heat waves can blast these early sheaths, so be observant about proper cooling and air circulation. As with the rest of your plants that may have been summered outdoors, it is time to prepare for their

move inside. Clean each plant and implement pest-control practices. Repotting, if necessary, is appropriate.

## Phalaenopsis

The bulk of this season's growth is being ripened this month, with growers in cooler climates seeing the first emerging inflorescences. Some night heating may be necessary in the cooler areas. Begin to watch watering more carefully, and reduce feeding proportionately with reduced watering needs. An extra dose of phosphorus and potassium, such as a bloom-booster or high-acid-type fertilizer, is beneficial.



Rossioglossum grande shows off its large, dramatic flowers.

## Rossioglossum grande

Once known as *Odontoglossum grande*, this is a spectacular orchid with six to eight flowers up to 8 inches across. Often known as the tiger orchid, it has bright golden yellow flowers heavily marked with chestnut brown barring. The plants are beautiful with a grey-green cast to the foliage, which is borne on succulent pseudobulbs. It prefers hot and wet summers with cooler, even down to 40 F, dry winters. Grow under filtered light. Watch for snails and slugs that eat the flowers, pseudobulbs and leaves. Taken from <http://www.aos.org/orchids/seasonal-orchid-care/september-october-checklist.aspx>

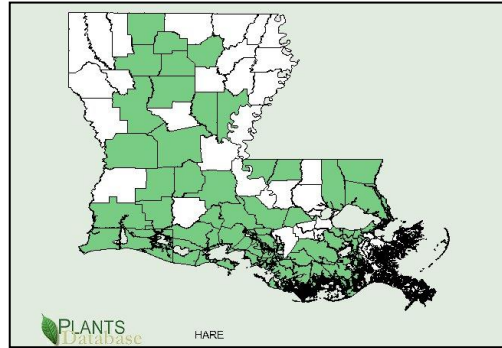
*The AOS thanks Ned Nash and James Rose for this essay.*

## Native Orchid of the Month—September

### *Habenaria repens* (waterspider bog orchid)

Water-spider orchids (*Habenaria repens*) appear as one-high stalks protruding from the surface of plant. On close examination, the stalks are covered with white flowers that have the sepals and petals together, into small elongated lobes that are reminiscent of thus the name.

Water-spider orchids occur in marshes, wet meadows, margins of streams, ditches, and ponds; commonly an aquatic in shallow water and in floating mats alone or



to two-foot vegetation. greenish but divided spiders— and bogs, emergent with other

vegetation.



They spread by **runners** as well as seeds. They are erect, growing to one or two feet tall. The **leaves** are thick and succulent, two to nine inches long and up to one inch wide. They are narrowly lance-shaped, tapering to a narrow point. The most conspicuous part is its stalk is the **flowers** that occur at the top of the plant. The small flowers are pale green, up to 3/4 inch across.

Flowering is summer through sporadically April and

Reproducing both sexually and vegetatively via stolons, this orchid form dense colonies. During the evening and nighttime hours, these flowers emit a very powerful fragrance, apparently to attract night-moths.



primarily fall, between December. will often orchids' flying

