

Greater Akron Orchid Society

An Affiliate of the American Orchid Society & the Mid-American Orchid Congress

Aug 2017

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Minutes of July 2017 Meeting

Dave welcomed new members and guests to the society. I want to thank everyone for coming to my presentation on pleiones. I hope you were able to gain a new affinity for this unique orchid and its very distinct seasonal care.

General Business

It's time to start thinking about next year. We are calling for volunteers to become board members, we need some new blood! Dave is asking for an apprentice program director to assist him in getting programs together. He has a very detailed list of potential speakers and just needs someone willing to help make calls and finalize next schedule. Please see him at the meeting to discuss this position. Thanks

Upcoming Events

We are having a board meeting on Wed. Aug 9 at 6 pm and will be held at the Waterloo restaurant back room from 6 to 8 pm. Jane has been working on making revisions to the current by-laws which she will distribute to you before the meeting. We can also discuss potential board member candidates for 2018 and Jane may want to make a few comments on the 2018 spring show. If you are on the board or would like to participate next year please feel free to attend.

Next Meeting

The next meeting of the GAOS will be Monday, Aug 14, 2017 at 6:45 pm at the Portage Lakes Kiwanis Center, 725 Portage Lakes Dr., Akron, Ohio 44319.

Program: **Orchid Round Table Q&A / Orchid Bingo**

Speaker:

We will welcome all new members with an open Q&A on all orchid questions and concerns. We can answer questions on proper plant growth, care, bugs, setups in hopes of shedding light on a sometime confusing hobby.

We will chat about orchids, answer a few questions and then play Orchid Bingo. There will be orchid prizes for game winners.

Website: www.thegaos.com

Facebook: www.facebook.com/theGAOS

Pollinating Lycomormium

By Becky Brinkman

It's been a good month for Lycomormium here. This species has been flowering for three weeks, jostling for attention among the fiskei baskets in the Orchid Display House. Since we haven't yet produced seedlings from any of our Lycomormium species, this month presented a terrific opportunity to get some capsules on our plants.



Meeting Schedule

GAOS meets the second Monday of each month (except December) at 6:45 pm at the Portage Lakes Kiwanis Center, 725 Portage Lakes Dr., Akron, Ohio 44319

Members are encouraged to bring orchids from their collection for exhibit. **All are welcome; you do not have to be a member to attend.**

Aug 14: Orchid Round Table Q&A / Orchid Bingo

Sept 11: Growing Orchids at Home
Patty Conrad

Oct 9: 2nd Member Orchid Auction

Nov 13: Holiday Banquet / Elections



Photo of the Month: A grower showing variation and grading siblings of *Vanda sanderiana*.

Photo By: Jaime Chua

Unfortunately, *Lycomormium* is incredibly difficult to pollinate using pollinia fresh from the anther cap. The yellow pollinia are like twin balloons that resist being stuffed into the narrow opening of the stigmatic cavity. Darwin described the same problem pollinating *Gongora* in *On the Various Contrivances by Which Orchids Are Fertilized by Insects*. His solution was to let the pollinia dry for five hours, with the rationale that the pollinia attached to an insect would dry and shrink as the insect foraged.

So, taking my cue from Darwin, I removed the pollinarium with its sticky disk from the anther cap using a pencil, and then slapped it onto the surface of the dorsal sepal. No worries about it coming loose. Pollinaria have emerged intact on my clothing after a trip through the washer and dryer at home. The photo above was taken after two days of drying in the greenhouse. You can see that the yellow pollinia have deflated and become concave after dehydrating. Pollination was easy after that.



In other Stanhopeinae, like *Gongora maculata*, the stigmatic cavity doesn't open sufficiently until the day after the pollinia are removed (Dodson AOS Bulletin Vol. 31 No.8). Changes in the size and shape of the pollinia and stigmatic opening make it unlikely that the bee removing the pollinia from an orchid will also pollinate it, and are important mechanisms in preventing self-pollination.

Though we've had this accession for a while, it has remained *Lycomormium* sp. in our database since it has floral characteristics of both *schmidtii* and *squalidum*. A number of possible explanations exist, but it seems more work needs to be done on this genus. On the subtribal level *Lycomormium*, *Peristeria* and *Coeliopsis* have traditionally been placed in the Stanhopeinae, but more recently Whitten, Williams and Chase (2000) have grouped them together in the Coeliopsidinae based on molecular and morphological evidence.

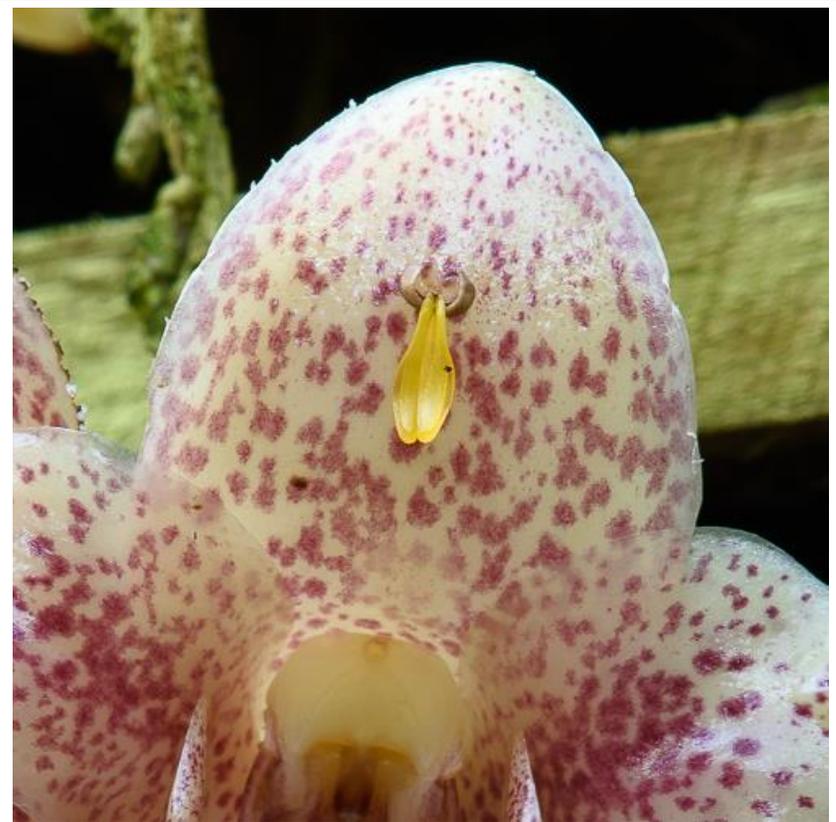


Photo Gallery

Member Show Table
July 2017



Paph. glaucophyllum
Paul Bujak



Bnfd. Gilded Tower
Paul Bujak



Pot. Love Passion
Dave Miller



Prosth. Green Hornet
Dave Miller



Noid Phal.
Barb Ford



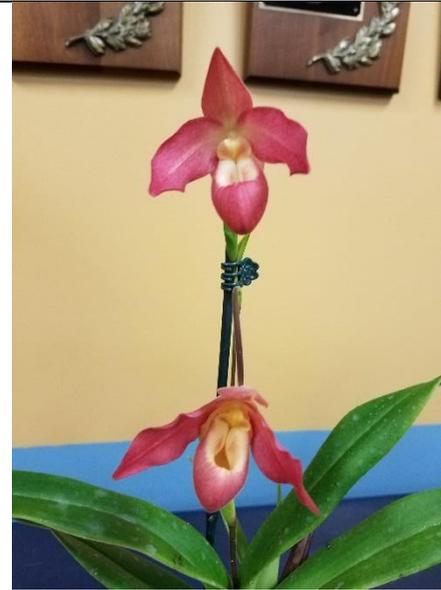
Den. Gatton Sunrise
Barb Ford



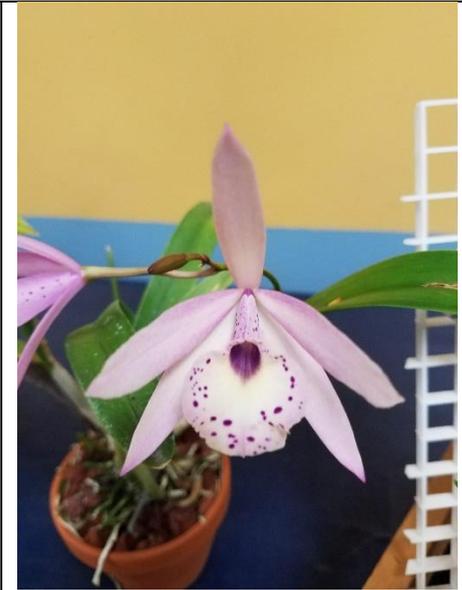
Dy. hendersoniana
Paul Bujak



Paph. Vogue Wonder
Darlene Thompson



NoID Phrag
Darlene Thompson



Bc. Petit Stars
Darlene Thompson



Den. bensoniae
Darlene Thompson



Goodyera oblongifolia
Wayne Roberts



Paph. Magic Latern
Wayne Roberts



Den. Merlin
Wayne Roberts



Phal. Primo Piano



Phrag besseae
Sharon Harper



Paph. delenatii cross
Dave Miller



Ctsm. Chuck Taylor
Dave Miller



NoID Phal
Barb Ford



Psy. Mariposa
Barb Ford



Den. Gatton Sunrise
Barb Ford



NoID Phal
Barb Ford