



ORCHIDS

Monthly Meeting

There will be no beginners' meetings until after the show in January. This month's meeting will be a presentation by Gordon on paphiopedilum orchids. If you have any in your collection please bring them to the meeting if you would like even if they are not in bloom.

Calendar

OCT

Oct 17th, Meijer Gardens

Oct 26-27 Michiana Orchid Society Show

NOV

Nov 21th, Meijer Gardens

Nov 30- Dec. 1 Saginaw Valley Show

DEC

Dec 19th, Meijer Gardens Holiday Party

JAN

GVOS Show-Jan 25-26th, 2020

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Paphiopedilum blooming in Phipps Conservatory in Pittsburgh, Pennsylvania

October

The start of a new meeting and show season also means that dues are due! Please make a note of the following changes. The prices have gone up and it is now \$25 for an individual and \$40 for a family for the year. Please see Joan Shipaila, Treasurer, to make a payment. Please make checks payable to GVOS. You may also mail payments to Joan at the following address:

2139 Chesapeake NE
Grand Rapids, MI 49505

If there have been any changes to your information, please include that update as well.

Show Announcements

The first show is coming up quickly. We will be putting together a display for the Michiana in South Bend show Oct. 26th and 27th. **We still need people to volunteer for tear down.** If you are available to help, please let Gordon know as soon as possible.

Plants going to the show may be brought to the October meeting. If you are unable to attend the meeting or don't want to drop them off that early, plants may be dropped off by 12:00PM Friday Oct. 25th to Joan Shipaila. 2139 Chesapeake NE. Plant pick up will be Monday after 3PM at Joan's house. If you have any questions about plant pick up or drop off please contact Joan at (616) 459-4739.

This Month's Presentation: Paphiopedilum Orchids

Our October meeting is going to feature a presentation on the beautiful and fascinating paphiopedilum orchids given by Gordon Griffen. Paphiopedilum orchids, commonly called lady slipper orchids, have beautiful foliage and fascinating blooms. These are commonly called "windowsill plants" as they are easy to grow in a home environment. If you would like, please bring any paphiopedilums you would like to share even if they are not in bloom.

Other News

It was announced at our last meeting that we will not be able to do the fundraiser at Mast Greenhouse this year and will not be able to for the foreseeable future. The volcanic activity on Hawaii has devastated a lot of growers and suppliers, one of which is the one Mast used to source their orchids. Any and all ideas for other fundraisers will be most appreciated. This represents a significant loss of income for the society. Please submit any ideas you may have to Gordon or Mei Ling for consideration.

Snack sign-up

October - Tara Rietberg

November - David Hazelswort

December - snack/fingerfood dishes from all

January - Friday night potluck sign-up sheets to follow

February - Jim Molchan

Plant of the Month



Show Table Results

Alliance	Place	Name	Owner
Cattleya	1		
	2		
	3		
Paphiopedilum	1	Paphiopedilum In Charm Topaz x In Charm Gold	Tara Rietberg
	2		
	3		
Dendrobium	1	Dendrobium Unknown	Tara Rietberg
	2	Dendrobium trinervium	Jill Wood
	3	Dendrobium Tripple Fantasy	Barb Draft
Oncidium	1	Oncidium Sweet Sugar	David Madison
	2		
	3		
Vanda	1	Ascocendra Sunrise	David Madison
	2		
	3		
Phalaenopsis	1	Phalaenopsis Unknown (Yellow/pink)	Barb Draft
	2	Phalaenopsis Unknown (White)	Barb Draft
	3	Phalaenopsis Bellina	Joel Borst
Misc	1	Lepanthes telipogoniflora	Gordon Griffin
	2	Goelogyne ovalis	Gordon Griffin
	3	Bulbophyllum hirundinis	Jill Wood
Plant of the Month		Lepanthes telipogoniflora	Gordon Griffin





Paphiopedilum

paff-ee-oh-PED-ih-lum

Paphiopedilums, the lady's-slipper orchids, originate in the jungles of the Far East including Indonesia. They are semiterrestrial, growing in humus and other material on the forest floor, on cliffs in pockets of humus and occasionally in trees. They are easy to grow in the home, under lights or in the greenhouse.

LIGHT is easier to provide for paphiopedilums than many other types of orchids. They require shady conditions, as in the home in an east or west window, or near a shaded south window. In the greenhouse, shade must be provided. Give about 1,000 to 1,500 foot-candles. In the home, fluorescent lighting is excellent; suspend two or four tubes 6 to 12 inches above the leaves.

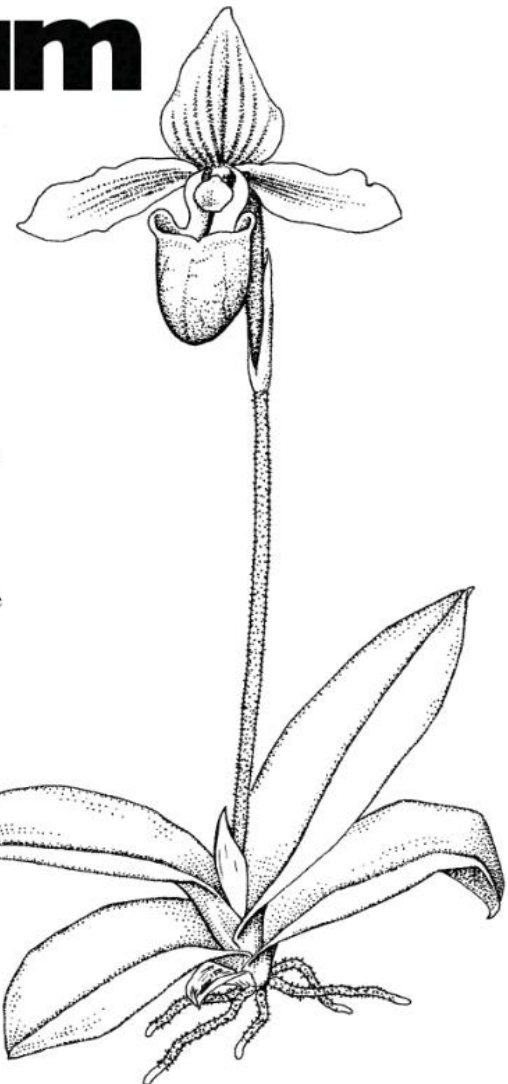
TEMPERATURES for paphiopedilums cover a considerable range. Paphiopedilums are traditionally separated into two groups: the warm-growing mottled-leaved types and the cool-growing green-leaved types. A third, increasingly popular group is the warmer-growing strap-leaved multi-floral paphiopedilums. Warm-growing types should be kept at 60 to 65 F during the night, and 75 to 85 F or more during the day. Cool-growing types should be kept at 50 to 60 F during the night and 75 to 80 F during the day. However, many growers raise all plants in the same temperature range with excellent results. The plants can stand night temperatures in the 40s if necessary (as when grown outside in mild climates), as well as temperatures to 95 F. Care must be taken to protect the plants from rot when cold (keep humidity low, and avoid moisture on leaves or in the crowns of the plants), and also to protect from burning when hot (shade more heavily and increase humidity and air movement around the plants).

WATER must be available at the roots constantly, because all plants in this genus have no pseudobulbs. All of these plants need a moist medium — never soggy, but never dry. Water once or twice a week.

HUMIDITY for paphiopedilums should be moderate, between 40 and 50 percent, which can be maintained in the home by setting the plants on trays of gravel, partially filled with water, so that the plants never sit in water. In a greenhouse, average humidity is sufficient. Using an evaporative cooling system in warm climates can increase the humidity. Air movement is essential, especially when humidity is high.

FERTILIZE on a regular schedule, but care must be taken to avoid burning of the fleshy, hairy roots. High-nitrogen fertilizers (such as 30-10-10) are recommended when potted in any fir-bark mix. In warm weather, some growers use half-strength applications every two weeks; others use one-quarter strength at every watering. It's important to flush with clear water monthly to leach excess fertilizer, which can burn roots. In cool weather, fertilizer applications once a month are sufficient.

POTTING should be done about every two years, or as the medium decomposes. Seedlings and smaller plants are often repotted annually. Mixes vary tremendously; most are fine- or medium-grade fir bark, with varying additives, such as perlite (sponge rock), coarse sand and sphagnum moss. Moisture retention with excellent drainage is needed. Large plants can be divided by pulling or cutting the fans of the leaves apart, into clumps of three to five growths. Smaller divisions will grow, but may not flower. Spread the roots over a small amount of medium in the bottom of the pot and fill with medium, so that the junction of roots and stem is buried $\frac{1}{2}$ inch deep in the center of the pot. Do not



overpot; an average plant should have a 4- to 6-inch pot.

The American Orchid Society is the world's leading provider of information about and related to orchids. We invite you to join us and learn about the world's most fascinating flowers and plants. Your membership entitles you to our monthly award-winning magazine, *Orchids*, 10 percent discount on items purchased at The AOS online store, free and discounted admission to more than 200 botanical gardens and arboreta and exclusive members-only online content.

American Orchid Society
at Fairchild Tropical Botanic Garden
10901 Old Cutler Road
Coral Gables, FL 33156
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Drawing Marion Sheehan/inking Stig Dalström

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This culture sheet and others are available on the American Orchid Society website.

Orchid Show/Festival Schedule

Note: These are shows that are happening in our area/Mid-west. GVOS will be attending doing a display as a society only at the highlighted shows.

October 12-13, 2019. Illinois Orchid Society Fall Show “Autumn Splendors”. Chicago Botanic Garden, 1000 Lake Cook Rd., Glencoe, IL

October 19-20, 2019. Greater Cincinnati Orchid Show. Krohn Conservatory, 1501 Eden Park Drive, Cincinnati, OH

October 26-27, 2019 Michiana Orchid Society Fall Show. Holy Cross College, 54515 State Road 933 North, Notre Dame, IN

November 30- December 1 2019 Saginaw Valley Orchid Show. Kockville Veterans Hall. 3265 Kochville Rd.

January 25-26 Grand Valley Orchid Society Show. Frederick Meijer Gardens

February 22-23 2019. Greater Lansing Orchid Society Show. Plant and Soil Science Conservatory, Michigan State University

Upcoming shows will also be announced and discussed at meetings. Please start looking ahead and add the available dates to your calendars to see if you are able to assist in set up or tear down.