

## OSGKC Meeting Minutes 6/9/2024

2:20 Meeting called to order by Jean Rogers: (Attendance: 36 in person, 3 via zoom ) Newer Members: Adrian, Glen and Jeannette Golson, Nicole Wall, Carol Antle

Thanks to Hospitality and all how brought treats.

Minutes from May have been posted and approved as posted

Beginners group reviewed miniature cattleya repotting.

2:27 Committee Report:

1. Yearbook: Roster is distributed electronically. Please continue to update and look for mistakes. The roster should never be shared with other groups and not for solicitation. Please shred when discarded
2. OSGKC Show: Anh Rongish Application has been sent in to the AOA. Updating the flyer for marketing.
3. Chicagoland trip - 9/20-9/22 at Natts and Housermands nurseries. Please consider joining and utilizing the hotel block.
4. Programs: Susie Hanna July is the orchid growers tour and firming up details, August will bring the orchid picnic to Kristy Charlands home the 3rd Sunday of August.
5. Library: Mark Clements please take a look at the yearbook for the wonderful resources that the library has to offer. Many old books, magazines etc. Consider sharing electronic resources with Mark so we can start curating knowledge in a great place.
6. Budget Scott Howell Treasurer's Report: Ending balance \$31,833. MAOC show account is the same

### Old Business

1. Project Plant: Kristy Charland we are enjoying some excellent Vanda's from Fred Clark

### New Business

1. Considering combining categories in judging. Looking at revamping the categories with others vs. different plant types next calendar year.

## Speaker Douglas Needham Ph.D V.M.M – Orchid Care in the Home

Dr. Needham got bit by the orchid bug in his teenage years. He built his first small greenhouse in 1975. Continued to grow in sunrooms and in 2017 was able to build his own home greenhouse!

Orchidaceae is one of the most diverse and widespread families! Most are epiphytes utilizing velamen which is why air is just as important as water.

Three main temperatures types: Warm, Intermediate and Cool

Light intensity varies by direction the window faces. 400-700nm is critical but so is the DLI- daily light integral to improve photosynthesis.

When growing inside be sure to keep humidity up and utilize fans to keep good air flow. Roots do not like to be soaked in water. Remember to fertilize Weakly Weekly!

Repot every 2 years or if it will be growing over the post edge. Timing is critical to success and reestablishment and the orchids should be in active vegetative growth. Choose the smallest pot that will accommodate the orchids system for 2 years. Attempt to be as sanitary as possible, disinfecting pruning shears and switching gloves between plants.

**How much light do my orchids need?**

- Light intensity varies by the direction a window faces and whether it is obstructed by landscape plants, sheer curtains, and/or blinds.
- North-facing windows have the lowest light intensity.
- East-facing windows have medium light intensity.
- Southeast and south-facing windows have high light intensity.
- Avoid southwest and west-facing windows, as the afternoon light is generally too intense and hot for growing plants.

**DLI Varies by Location and Season**

- At the two seasonal extremes of summer and winter,
- Kansas City has high DLI (45–50 mol/m<sup>2</sup>/d) in July, but not as high as western Kansas and certainly not as high as California, for example.
- Kansas City has low DLI (10–15 mol/m<sup>2</sup>/d) in December, but not as low as Minnesota, for example.
- For interactive DLI map, see American Floral Endowment at <https://endowment.org/dlimaps/>.
- How could you increase DLI for plants in your growing environment?

<https://www.americanfloralendowment.org/dlimaps/>  
©2017 American Floral Endowment. All rights reserved.

**Let's Recap!**

- Buy orchid plants with turgid, bright to light green leaves and smooth to barely wrinkled pseudobulbs.
- Grow orchid plants at the appropriate day/night temperatures and optimal DLI.
- Maintain 50–55% rh, in home or office.
- Water using tepid (72–75°F) water with ¼–½ strength complete fertilizer at every watering.
- Adjust watering frequency based on plant growth habit (monopodial vs. sympodial) and season.
- Leach potting medium 1–2x per month with clear (non-fertilized) water.
- Remember: air is as important as water to root health!
- Repot orchid plants during active root growth to provide 1–2 years' new plant growth.
- Wear fresh latex or nitrile gloves, sterilize tools, and disinfect repotting area between plants.