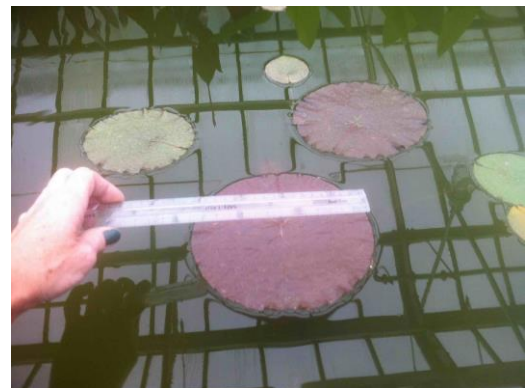




Victoria Cultivation: A Grower's Notes:

- Community sown seeds, 4-5" pots
- Screen sand/silt/clay soil with $\approx 20\%$ chick grit (quartzite)
- Under ≈ 2 " water
- Alternatively germinate in floating sandwich bags
- I generally do not pierce the operculum
- 82° water, ≈ 5.5 ph, fresh weekly
- In Chicago: 1 tbl vinegar/1 gal tap $H_2O = \approx 5.5$ ph (Lake Michigan ≈ 7.7 ph)
- Approximately 10 days for Longwood Hybrid (100% germination rate)
- Extra week for parents (20-40% germination rate)
 - April 2019 NOTE: Germination for 2019 seeds is slower.*
 - In sandwich bags - Longwood Hybrids, Cruzianas started 2/7*
 - Operculum removal 2/26*
 - Germination 3/29*
 - Pot up 4/4*
- Grow 1-2 floating leaves then
- Gently tease plants apart in a dishpan of same water
- 4" pots to start, gradually boost as necessary
- Initial soil: fertilizer ratio for 4" pot: 5 gallon bucket of soil mixed with 6 crushed PondTabbs with Humates (quarter sized).
- Increase up to 26 crushed PondTabbs per 5 gallons of soil when you're in 10" pots
- When transplanting: Hit with 16 hrs/day of light, basically until transplant shock dissipates
- I have 125W 6500K 5U bulbs right over my tanks
- Clean algae by hand or overflow tanks. Minimize turbulence. Alternatively use a very weak Pylam dye and/or pistia, hyacinth to filter



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