



# Southern Tier Orchid Society

## Board of Directors

### President

Linda Mandeville  
607-227-1563  
[lrmandeville@stny.rr.com](mailto:lrmandeville@stny.rr.com)

### Vice President

Carol Vargason  
607-759-7406  
[carolv115@gmail.com](mailto:carolv115@gmail.com)

### Treasurer

Jane Trey  
607-724-5358  
[jtrey@stny.rr.com](mailto:jtrey@stny.rr.com)

### Secretary

Carol Brunnabend  
607-785-7360  
[cbrunnabend@stny.rr.com](mailto:cbrunnabend@stny.rr.com)

### AOS Representative

Pete O'Connell  
607-423-1202  
[petermoconnell@yahoo.com](mailto:petermoconnell@yahoo.com)

### Members-at-large

Bob Rudin- 12/16  
607-748-6036  
[rrudin@stny.rr.com](mailto:rrudin@stny.rr.com)

Dawna Cole-12/15  
607-621-9924  
[dawnacole@stny.rr.com](mailto:dawnacole@stny.rr.com)

Anne (Tinker) Quain  
607-797-1383  
[anneetinker@yahoo.com](mailto:anneetinker@yahoo.com)

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### Newsletter & Membership

Linda Mandeville  
607-227-1563  
[lrmandeville@stny.rr.com](mailto:lrmandeville@stny.rr.com)

### Show Chair

Anne (Tinker) Quain

### Web Page

<http://www.storchidsociety.com/>

May 2015

## NEXT MEETINGS

May 17, 2:00 First United Methodist Church of Endicott

\*\*\* Annual Repotting Session!

\*\* June-August: Summer hiatus

## IN THIS ISSUE

- May 17<sup>th</sup>- Repotting Clinic!

\*\*Note: we will meet downstairs for the repotting, so please use the rear entrance!

## MISCELLANEOUS NOTES



## EDITOR'S NOTE

Contributions, including pictures, to the STOS newsletter from members are welcomed. Contributions must be submitted by the 5<sup>th</sup> day of each month to the editor.

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monopodial plants like phalaenopsis or vanda, which only have a single growth that will bloom again and again, look for the emergence of new leaves and roots as your signal.

If the older growths of sympodial plants - those on the opposite end of the "chain" from where it is blooming - are old and very shriveled, it is safe to cut the rhizome and throw them away. The older pseudobulbs do serve as "storage tanks" for the rest of the plant, and still provide some photosynthesis, and this is true even if they have lost their leaves. If they are too far gone however, they may be removed.

If the plant is large, with six or more pseudobulbs with leaves, you might consider dividing it into two clumps, and the old "back bulbs" might sprout new growth, giving you another plant to enjoy or share. Never reduce the plant to less than three bulbs plus a new growth.

1) Water the plant well, wait 30 minutes and water it again. That softens to root mass and old medium. If the plant is already in Semi-Hydroponic culture using an inert medium like PrimeAgra, this may not be needed at all.

2) Remove the pot. If it's clay, give it a few good whacks and break it up. It's easier to pick of chards than to slide the plant out of the pot. If the plant is currently in Semi-Hydroponics, it will easily slide from the pot with minimal coaxing.

3) Remove as much of the old medium as you can, being careful to pry it away from the roots without breaking them. Don't worry too much of you do break them, just try to keep it to a minimum, and if you do break them, cut them off at the break. (I will sometimes trim roots of a healthy plant on repotting, as it tends to cause root branching, which helps get it reestablished.) If the plant is in Semi-Hydroponic culture, it is not necessary to remove the attached medium, as it cannot decompose.

4) Using a clean sterile blade or scissors, cut off any rotted or rotting roots. Good ones will be thick, firm, and white or green, although they could be discolored by the medium. Bad ones will be black or brown, soft and mushy, or if the velamen has already completely deteriorated, they'll appear only as a central "string." Try to untangle the roots as much as possible.

5) Once the cleaning and trimming is done, I find it useful to dust the root system liberally with cinnamon, which acts to dry the wounds and is a marvelous fungicide. The same is true of places where you cut the rhizome.

6) The pot you use should have room for 2-years' growth, which you can estimate from the plant size. If the plant has 1" between pseudobulbs, and you have four bulbs with a total length of about 3 inches or so, then a five- or six-inch pot will do. Try not to overpot, as that can sometimes delay the reestablishment of the plant. For monopodial plants, select a pot that is about one- to two inches in diameter smaller than the total leaf span of the plant. (For some reason, overpotting does not appear to be as much of an issue with Semi-Hydroponics, but it still pays to stay within those guidelines.)

7) If you are using a traditional bark-based medium (even if that "bark" is coconut husk chips), place some crockery in the bottom of the pot for drainage. Those chards of the broken flower pot will work great. If you are using sphagnum, that is also a good idea, but if you're going into Semi-Hydroponics, do not add any filler to the bottom of the pot.

