

Pinelands Orchid Society

www.pinelandsorchidsociety.org

P.O. Box 954, Voorhees, NJ 08043 September 2005

Welcome to the new season of Orchids at Pinelands! Our first meeting of the season will be on Tuesday, September 6, at 7:30 pm at the Woodland Fire Co. in Cherry Hill, NJ. Our Speaker will be Mark Werther, an AOS judge with the Mid-Atlantic judging center. Attached you will find Mark's bio information. Mark is also bringing plants for sale, but only by advanced order. Please look over the list at the end of the newsletter, and contact Mark directly to reserve your plants. He will only bring plants for sale that have been pre-ordered.

Please be sure to bring your blooming plants for the show table. Mark will help out with the ribbons, and will be using plants from the show table in his talk. Things are coming into bloom now, so we should have a nice display.

Refreshments: If your name begins with the letters A - C, please bring in a snack to share. The club will provide coffee and sodas.

It is the time of year when we ask you to pay dues. Dues help defray the expenses of the club. We are one of the lowest-priced clubs, with single dues at \$15.00, and \$20.00 for a household (2 or more people receiving one newsletter). Please see Valerie at the meeting to pay your dues, or send your check in to our mailbox.

Each month during the year, the MidAtlantic Judging Center meets on the third Wednesday of each month at the Horticultural Center in Fairmount Park. The meeting begins at 7:00. Plants are judged, and often there is a slide show of recent awards. Going to the meeting gives an opportunity to see the best of recent breeding, and is a great opportunity to learn more about orchids. Judging will be held

September 21, October 19, and November 16.

Best wishes out to Mike Scott. He is in the hospital this week having some testing done and may have a pace maker put in. I'm sure he'd love a card or note when he gets home!

Challenge Plants for the 2006 Flower Show

If you can grow orchids, then houseplants should be a breeze. Want to try your horticultural skills growing a **challenge plant** at the 2006 Philadelphia Flower Show? A limited supply of this year's **challenge plants** will be available for \$5 each at the Pennsylvania Horticultural Society beginning September 27. This year's selections are: Class 2999: *Philodendron* 'Moonlight', Class 3999 *Humata tyermannii*, and Class 4999: *Sedeveria* 'Vera Higgins'.

Scale Insects on Orchids

Scale is one of the most difficult pests to eradicate once it has taken up residence in an orchid collection. A comprehensive discussion on the identification and management of scale insects that infest orchids grown in our region (the northern states of the U.S. and Canada) can be found online at:

<http://nathist.sdstate.edu/orchids/pests/scales.htm>

If you don't have access to the internet, you can telephone me and I'll bring copies at our next meeting. . .(Christine @ 856-273-6547).

Homemade Insecticidal Soap

From our recipe corner, here is one for homemade insecticidal soap: Just add 1½ teaspoons of 'Murphy Oil Soap' in a quart-

size spray bottle. (Oil soap is the basic ingredient in store-bought insecticidal soap sprays. Don't use dishwashing soaps that contain detergent. It can damage your plants).

Help Us Attract New Members!

Our local public libraries often have a location in their lobbies where brochures of community interest can be placed. If you frequent your community library and can take some of our Pinelands Orchid Society brochures for display, please see Christine Jacoby at our next meeting (or call her @ 856-273-6547). We will have a supply of our brochures available at our September meeting. If you know of other locations where our brochures might catch the eye of prospective new orchid enthusiasts, we would love to have our brochure on display!

Events

September 6, 2005 Pinelands Orchid Society meeting, 7:30 at the Woodland Fire Co. Cherry Hill, NJ Speaker: Mark N. Werther, Sentinel Orchids

October 4 , 2005 Pinelands Orchid Society meeting, 7:30 at the Woodlands Fire Co. Cherry Hill, NJ. Speaker: Jim and Lois Duffin of Lois Duffin Orchids

October 15, 2005 Saturday Seminar at Parkside Orchid Nursery. Intro to Orchids 10am.

Our thanks to Action Graphics USA for printing our newsletter each month!

Officers

Frank Heiler, Pres.	215-765-9118
Christine Jacoby, VP	856-222-9325
Valerie Oldham, Sec/Treas.	856-985-0187
Bob Taylor, Trustee	
Bob Bookbinder, Trustee	

**MARK N. WERTHER / SENTINEL ORCHIDS PROFESSIONAL AND HORTICULTURAL
INFORMATION 3/2005**

**1131 Rossiter Lane, Radnor, Pa. 19087-2812. (610) 688-8528 Fax. (610) 687-5909
SENTINEL WEBSITE: <http://www.sentinelorchids.com>**

E - mail: orchidman@snip.net

1. Started growing orchids in 1960 at the age of 16 and joined the Southeastern Pennsylvania Orchid Society.
2. Housed orchid collection in a 10' x 16' Lord & Burnham greenhouse starting in 1960.
3. Constructed 15' x 15' custom greenhouse at Radnor location in 1976.
4. Constructed 30' x 40' two storey demonstration greenhouse building in 1984 and formed Sentinel Orchids in 1987. Sentinel Orchids is a Pennsylvania registered nursery with an inventory of over 3000 orchid plants. Sentinel Orchids is a commercial nursery open by appointment.
5. Sentinel Orchids has recently changed emphasis to growing fewer multiples for commercial sales, concentrating on collection plants with select divisions available to interested customers and "Invest in Orchids" programs.
7. A specialty of Sentinel Orchids is orchid collection evaluation. This includes desirability and condition analysis, monetary evaluation and providing methodologies of growing. Graduate of University of Pennsylvania and Columbia University with a Master of Architecture degree.
8. Registered Architect in Pennsylvania/New Jersey. Formed own architectural practice in 1978. Specializing in projects generally under \$2,000,000: commercial, homes and renovations, stores and restaurants, sports facilities and greenhouses.
9. Sentinel Consultation Services; a consulting company that assists insurance companies and lawyers in research, graphics, case management and loss control related to construction.
10. Accredited AOS Judge since 1987. Previous Vice-Chairman of Mid-Atlantic Regional Judging of the American Orchid Society. Past Chair of Judge's Training Mid-Atlantic Center - Philadelphia.
11. Past President and Committee Member of Southeastern Pennsylvania Orchid Society.
13. Previous Chair of SEPOS Show Table Judging Committee.
14. SEPOS Show architect for fifteen years. 1991 & 1997 Eastern Orchid Congress Show Architect at King of Prussia. Present consultant.
15. Received over 100 A.O.S. awards, 15 of which are in the Broughtonia complex and 18 with Slc. Tiny Titan.
16. Have one of largest and most representative collections of Broughtonia species and hybrids and have completed numerous crosses in Broughtonia complex.
17. Spoken to over forty orchid societies from New York to Puerto Rico and in the Southwest, three Eastern Orchid Congresses: Virginia Beach, King of Prussia, Miami, and a Mid-America Orchid Conference. Completed speaking engagements in 1999 to three societies in San Francisco area, four in North Carolina and the Southern Ontario Orchid Society. Recent society presentations to Delaware Orchid Society on Exhibit Design and Greater Philadelphia and New York Orchid Societies on Potting and Growing Techniques.
18. Greenhouse design seminar presented at 1991 Eastern Orchid Congress in King of Prussia and following orchid societies: Sandpiper, South Jersey, Staten Island, Utah, Deep Cut, and Susquehanna.
19. Orchid Consultant with Silverstang Architects, NYC, for the development and construction of the Norfolk Zoo Orchid and Butterfly house. Consultant in development of Old Dominion University Orchid Conservatory.
20. Started collecting Linen postcards in 1999. Presently has 10,000 and is recognized expert on US cards manufactured between 1931 – 1959. Published under Sentinel Publishing: **Linen Postcards, Images of the American Dream**. Only compendium ever written on these cards. Specialty is Linen postcards showing Florida attractions.

PUBLICATIONS:

1. *Principles of Greenhouse Design*, Mark Nelson Werther.
American Orchid Society Bulletin, Vol. 56, July, 1987. pp. 729 - 731.
2. *Principles of Greenhouse Design - Demonstration Project*, Mark Nelson Werther.
American Orchid Society Bulletin, Vol. 56, August, 1989. pp. 799 - 810.

3. *Broughtonia Sanguinea and Its Hybrids*, Mark N. Werther.
American Orchid Society Bulletin, Vol. 56, December, 1987. pp. 1240 - 1260.
4. *On the Art of Speaking*, Mark Nelson Werther.
American Orchid Society Bulletin, Vol. 58, September, 1989. pp. 911 - 915.
5. **Linen Postcards, Images of the American Dream**. Werther & Mott. 2002.

PRESENTATIONS FOR ORCHID SOCIETIES & CONGRESSES:

1. **Broughtonia sanguinea**: Discussion of habitat, forms of species, early hybrids, complex hybrids, new directions and culture. 60 minutes.
2. **Small Growing Phalaenopsis in the Equestris and Lindenii Groups**. Discussion of species and variants, early and complex hybrids. 50 minutes.
3. **Equitant/Variiegata Oncidium Breeding and Culture**. Discussion of major species, early and complex hybrids and culture. 50 minutes.
4. **Orchids Everyone Should Know**. Favorite orchids with emphasis on cultural techniques and trends to be aware of. 50 minutes.
4. **Development of Small Growing Cattleyas (minicatts)**. Emphasis on Sc. Beaufort hybrids. Minicatts, history, examples - Slc. Tiny Titan and others, culture. 45 minutes.
5. **Culture, Mixes and Potting Seminar**. No holds barred presentation on experiences in growing for nearly 40 years. Do's, don'ts, potting techniques and whatever, selection and use of materials. Have not gotten away with under 90 minutes on this one.
7. **Principles of Show Table Judging, Show Judging and AOS Judging**. Discussions of all aspects of Judging with emphasis on differences of each type. Requires at least a fifty plant show table for demonstrations. 60 - 80 minutes.
8. **Principles of Orchid Exhibits**. Discussions on acquisition of plants, preparation, installation, props, placement of plants, labeling with analysis of balance, rhythm, symmetry, color coordination, movement and positive and negative spaces. Slides showing examples of exhibits and principles. 50 minutes.
9. **Miltoniopsis**. Discussion of species. Historical references. Early hybrids and derivation of colors and forms of new hybrids. Culture.
10. **Greenhouse Design for Temperate Climates**. Case studies of six types of greenhouses with emphasis on technical aspects of construction and operations. Two projectors. 60 minutes.
11. **Growing Orchids Under Lights and on Windowsills**. Three case studies with emphasis on technical aspects of growing. 45 minutes.
12. In preparation: *Dendrobium phalaenopsis bigibbum* and its hybrids. *Dendrochilum*.
13. **Orchid Management - Planning the Collection - Seminar**.
Note: this seminar has been placed on hold until MNW's Orchid book is published. A 90 minute seminar with no slides. Discussions of what every orchid grower should know, but know body wants to talk about. Managing your collection, acquisition of plants, mericlones, virus, commercial orchid growers test, greenhouse visitation etiquette, general growing strategies.
14. **Review of Linen Postcards**. A 45 minute presentation discussing the history, production and importance of these pure American 1931 – 1959 artform postcards. 60 examples of the best from many categories.

SENTINEL ORCHIDS

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Radnor, Pa. 19087-2812 (610) 688-8528 Fax: (610) 687 -5909

Website: www.sentinelorchids.com E-Mail: markitectw@comcast.net

ONLY THE FINEST SELECTED ORCHID PLANTS - OPEN BY APPOINTMENT

4/30/05 Special Listing for Pinelands O. S. Presentation

Please note that all items are limited, very limited items are marked with (-) as to number of plants available. If members are interested, please contact Sentinel by phone, fax, or E-mail as soon as possible. Plants will be delivered on meeting night.

Presently site is out of date, but you should review.

Miniatures and Unusuals

- Macroclinium xiphorus.** Cork mounted small fans producing a tight wings of pink mosquito flowers on a threaded pendulous inflorescences. Easy to grow. Difficult to obtain (6). \$28.00
- Maxillaria variegata 'Midnight'.** Multiple 1" bulbs with single 5" leaf producing 5/8" maroon flowers with almost black lips. Easy. \$18.00
- Neofinetia falcata.** Selected Amami Island plants. Larger than normal white vanilla fragrant flowers with long nectarary. \$18.00
- Ornithocephalus gladiatus and inflexous.** Cork mtd. downward growing fan(s) producing multiple inflorescences of green and white 1/4" flowers. Both great for specimen culture. \$20.00@
- Orstedella (Epi.) centradenia 'Alice' CBM/AOS.** Miniature reed stem. Clusters of long lasting 3/4" pink flowers. Cork mounted and will form dense matts of growth into specimens. A division took Best in Show at NY in 2003. \$20.00
- Polyrhizza lindenii.** The Ghost Orchid - seedlings. To flower in one to two years. Plants spread from 3 - 5". Growing in Spanish Moss. (3). \$40.00
- Tolumnia (Oncidium) variegata.** Selected vigorous equitant variety, quality flowers, multi-growth mounted on cork. \$15.00
- (Onc. Robsan x Onc. Lindsey Kone).** Got this great plant a few years ago. Vigoruous, small cluster grower with outstanding yellow w/oxblood center. Just divided - mtd. On cork. (3) \$18.00
- Encyclia cochleata 'Spyhill' AM/AOS.** The black octopus/cockleshell. One of the best cochleatas. Small flowering sized divisions. Normally \$100.00: (2) \$45.00
- C. skinneri alba 'Debbie' FCC/AOS.** This is a beauty. (1) 4 1/2", (1) 5". Flwrg. Size. \$45.00
- Brassavola Little Stars 'Rene' (previous CCM/AOS).** So you say, what's so good about a Little Stars? Well how about 392, 5" perfectly formed flowers, on 87 inflorescences. Divided the beast and have a half dozen plants available happily taking off in 4 1/2 - 5" pots. \$45.00
- Paph. Angela** (P. niveum x P. fairrieanum). Select Paph., easy to grow and flower, often with two flowers. Charming white 2 1/2" flowers with maroon speckling and stripes. (3) \$30.00
- Miltonia Overlook 'Russian River' (M. Bluntii x M. Anne Warne).** Selected on a trip to the West Coast. Warm growing controlled weed that forms specimens - quickly forms masses of growth and flowers. Beautiful white flowers with large purple spots. 3- 4". \$20.00
- Encyclia radiata 'Shira' HCC/AOS.** Collected by my friend Jules Ellison in Guatemala. Spectacular for the species. Much fuller flowers than normal and producing up to 20 fragrant flowers per inflorescence.

Very special. (1) 4"

\$50.00

Slc. Tiny Titan 'Sentinel's Tangerine Glow' AM/AOS, 80 pts. 10/16/96.

Pinelands One Time Special. Tiny Titans are some of the highest and most consistently awarded mini-catts ever. The Tangerine Glow is a 2 ¾" orange with a red lip. Very vigorous and can flower three times per year. Sentinel sells these for up to \$300 per plant. (3) @ \$75.00

New Seedlings. These seedlings have been growing at Sentinel for at least two years, some three. Wimps are discarded. Only the fittest are maintained.

Blc. Goldenzelle 'Prelude'. (Blc. Fortune x C. Horace). Cream with peach overlay.

Mericlone in 3 - 3 ½" pots. Vigoruos - limited. 4 ½ - 5" near flowering. \$25.00

Blc. Goldenzelle ('Promised Land' x 'Symphony'). Sibling lavender by orange in 3 - 3 ½" pots. \$18.00

Blc. Goldenzelle ('Wistful' x 'Egg Nog'). Cream x egg nog. Limited in 3 ½ - 4" pots. \$24.00

Blc. (Blc. Mem. Crispin Rosales 'Trymwood' x Blc. Goldenzelle 'Egg Nog'). Large art shades. Probably corals, salmons, watermelons. 3 ½" \$15.00. Large 4 ½" flowewring size: \$20.00

Blc. Goldenzelle 'Promised Land' x Bc. Peggy O'Neill 'Ohba'. (2) 3" \$12.00

Blc. Sweet Sensations x Blc. Pamela Heatherington 'Coronation' FCC/AOS.

Spectacular pink breeding. 3 - 3 ½": \$16.00

C. Ruth Gee ('Whillikers' x 'Mt. Everset'). Rock crusher white - 7 - 8" flowers. Why am I selling any?

(2) 3" \$14.00

L. purpurata carnea ('Unforgettable' x self). Most of the time purpuratas sit around.

These guys are really growing. 3 ½" vigorous. \$18.00

Lc. Summit View 'Primiero' (C. perciviliana x Lc. Drumbeat). First to flower were large fat 6" pinks between both parents. Excellent. (3) 4 - 4 ½". \$15.- 25.00

Diacattleya Chantilly Lace 'Twinkle' (C. El dorado Splash x Diac. Bicornutum). Soft pink 2" flowers with beautiful lavender splotch and spotted lip and mimicked perfectly on the petals. Small blooming sized

(2) 3", 4" \$15. - \$20.00

C. aurantiaca ('Johns Orange Jewel' AM/AOS x self). Blooming sized seedlings. Orange clusters in the species form, not the fake fat aurantiacas with shots of skinneri. (2) 3".

\$18.00

Broughtonia Species & Hybrids

Broughtonia negrilensis. Several Sentinel crosses utilizing - 'Sentinel' JC/AOS, 'Moose' HCC/AOS, & 'H.W.'

Flowers in Spring with branching inflorescences of tubular 2" pink flowers with darker pink lips with extra-ordinary purple markings. Very vigorous plants. Many of the seedlings are

producing flowers as good or better than the awarded parents. Slabbed. Extremely high quality. \$40.00

Broughtonia Seagulls Jamaica (Jamaicensis). (Broughtonia sanguinea x Broughtonia negrilensis): This Sentinel cross has been a real surprise. Negrilensis sized flowers flattened by the sanguinea with medium to dark pink and bicolor coloration with intense dark purple lip markings. Slabbed. \$40.00

Epicatonia Jamaica Jem 'Sentinel II' HCC/AOS. (Ctna. Jamaica Red x Psychillis atropurpureaa). Superior breeding. 28" tall inflorescences with cluster of up to 16 red 2 1/2" flowers. Looks like a large open Jamaica red. Broad flat lip. Chunky plants only 10" in height with broad leaves. Ideal for specimen culture. As plants get fuller, they produce branching spikes. Generally in flower for minimum 4 months a year. Normally \$75.00. Just divided and a few in 4 1/2" pots. \$40.00

Lioponia Kingston alba 'Moonbeam'. Laeliopsis domingensis x Broughtonia sanguinea aurea). Long inflorescences with many 2" pure white flowers with open tubular lips with yellow centers. Mounted - easy to grow. Plants stay in flower for several months. Propagated select on cork. Normally \$100.00. \$50.00

Ctna. Jamaica Red 'Sentinel' HCC/AOS (Ctna. Keith Roth x Broughtonia sanguinea). Sentinel has flowered probably twenty five Jamaica Reds. We selected and maintain what we consider the best in existence. Our plants produce award quality flowers on very large branched inflorescences. These are divisions, not mericlones. Very vigorous plants with clusters of 1 3/4" flowers normally \$100.00. Special: \$40.00

Ctna. Alina Froelich 'Carl' (Ctna. Rosey Jewel x Bro. sanguinea). A hybrid from 1973. Still one of best. 2" flat pink flowers in cluster. Easy to grow. 3" (1). \$20.00

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