

SENTINEL ORCHIDS

sentinelorchids.com

1131 Rossiter Lane, Radnor, Pa. 19087-2812
THE FINEST SELECTED ORCHID PLANTS - OPEN BY APPOINTMENT

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2023 LISTING:

DEAR ORCHID ENTHUSIAST:

My name is Mark Werther and I have been growing orchids since 1960. I am pleased to publish the 2023 catalog that represents 10 years of concentrated work. In 2013 I had a partial burnout in the second floor, BURN ZONE; 100's of plants were discarded. At that time the collection was totally re-evaluated and several hundred plants were also discarded based on lack of performance or latent virus hits. I have been on a mission to purchase and trade superior plants to further improve the collection from top growers and these plants are virus tested. My direction has been to collect the most attractive flowers that grow correctly – not to blindly collect historical plants. My total virus test number is 2100 since 2007. I obtained many plants from the Lois Duffin Collection. Lois and Jim hosted orchid speakers from all over the world for 30 years at GPOS and always collected selected seedlings and special divisions.

Please note that all plants are very limited and may only be one available. Plants of smaller sizes and lessor price are sometimes available. No foreign orders and no US orders requiring CITES, IMPORT/EXPORT and PHYTO PERMITS. Payments by check please. Spring moderation in temperatures allows us to ship depending on your local temperatures.

SHIPPING COSTS: Sentinel is often faced with shipping pricing that is unreasonable. Be prepared to pay the increased cost and delays in transit although deliveries have improved post-covid. We are presently using USPS Priority for most shipments. Expect at least a one day beyond advertised in delays.



Designed by Mark Werther, Architect. To be seen as an integral part of residential structures. South facing greenhouse view. The ridge is 24 feet in height. One of the few greenhouses in the world designed to operate with second story growing. 8mm double wall acrylic roof panels, triple wall construction: 2 exterior wythes of 6" concrete masonry units, 2" Styrofoam in center combination wall system for passive solar performance. The garage beyond has 30 solar panels that generate 6KW.



1200 square foot GROUND FLOOR

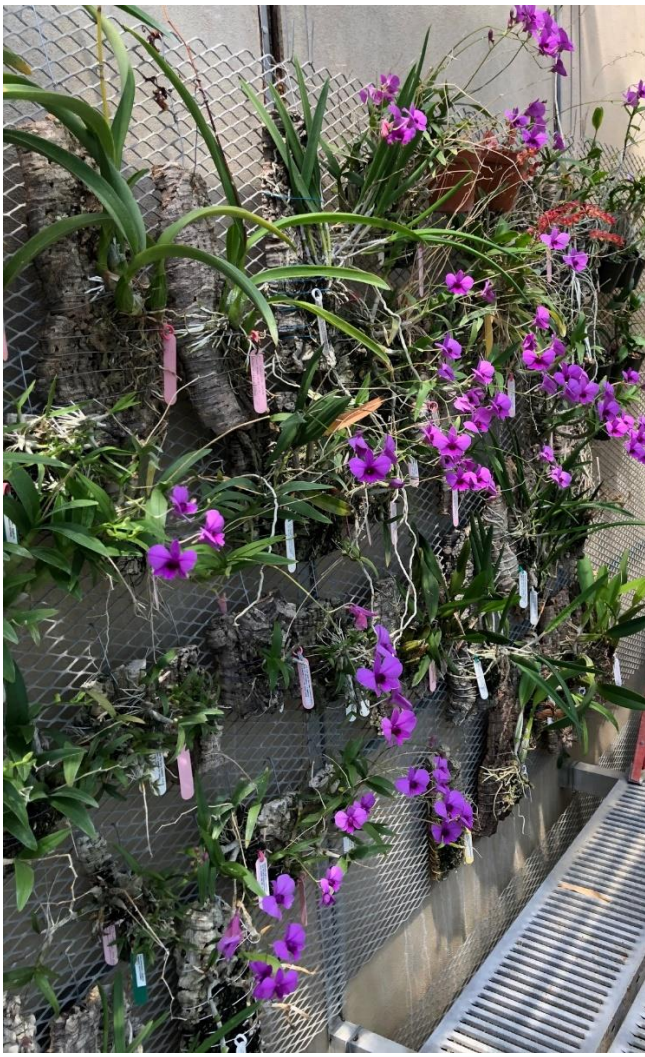


UPPER FLOOR

Access by circular stair, The Upper Floor is well-known as the 'BURN ZONE'. Galvanized steel walkways supported by bottom cords of custom designed aluminum spanning trusses. Starting at ground level, plants are suspended at 6 heights including galvanized metal trays from the second floor handrails with another eye level support above. Two 24" oscillating fans with 6 misting nozzles each utilized for humidification, and cooling. 65% shade cloth on interior of 8mm acrylic double wall panels.



UPPER FLOOR south facing hanging wall. The north wall has $\frac{3}{4}$ " expanded metal wire for hanging that has become home for most of the cork mounted species. Both manual and motor operated ridge vents above. Two runs of galvanized metal walkways supported on the four feet on center bottom chords of aluminum trusses. To the left is the handrail with hanging galvanized trays holding full sized cattleya hybrids. Additional shade cloth is installed vertically and above to protect this area. The ridge height of 24 feet allows the full height second story.



HANGING WALL. Collection of flowering dendrobiums.



HANGING WALL. Collection of flowering nodosas.

Full catalog starts on next page

Broughtonia Species

Sentinel has specialized in Broughtonia species and hybrids since 1980. They are all warm growing and are very rewarding in the quality and length of time that the plants can be in flower. Plants grow quickly during the warmer months. *To get an overview on the Broughtonia complex read the article in the December, 1987 AOS Bulletin. Sentinel has selected varieties over the years that are consistent performers. We look for high quality flowers, ease of growth, clean growth and multi-flowering per year. Sentinel has at least 16 awards in the Broughtonia complex. Hybrids are grown under bright light conditions in BURN ZONE with good air movement in combination of plastic and clay pots or on cork slabs..*

Broughtonia negrilensis 'Sentinel' JC/AOS. On Slab. \$200.00



Awarded the Judges Commendation for the fine patterning markings within the lip.

Broughtonia sanguinea 'Sentinel's Aurea Star' \$100. Mounted. Good form, creamish yellow with reddish purple darts on petals and on skirt of broad lip.

Broughtonia Hybrids

Lctna. Roy Fields 'Caesar's Creek AM/AOS \$300.00



(Lc. Mattie Shave x Ctna. Keith Roth). Another very rare unvirused plant. 4" reddish purple flowers. The first large flowered cattleytonia hybrid. One extra plant.

(Blc. Gold Country x Ctna. Keith Roth) 'Sentinel'. 6" pot. \$100.00

Very strong growing bifoliate plant. Flowers start tan and turn to orangish color. Darker isthmus lip.

Ctna. Maui Maid 'December Bride' AM/AOS. \$60.00



(C. Hawaiian Variable x Broughtonia sanguinea alba). Mounted mature growths. A fine white Cattleytonia. Cluster of flowers 2".

Ctna. Starrlyn 'SVO II' \$100.00



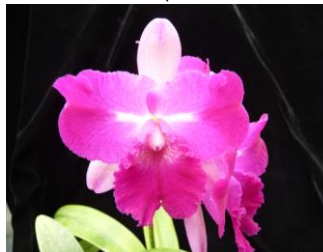
Cluster of 1 3/4" dark red flowers with semi-peloric yellow flares on petals. Lip dark red, yellow centrally. An improved Ctna. Why Not. 4"

Laeliacatonia Happy Face 'H & R'. \$70.00



(Lctna Peggy San x Lc. Mari's Song). Great tri-color cross, up to 6 flowers 3" per inflorescence.

Laeliacatonia Quest's Sexy Eyes 'Fuchsia Sentinel' HCC/AOS. \$250.00.



(Lc. Shellie Compton x Ctna. Capri). Awarded 7-20-11. Compact plant to about 14". Up to 10 well-shaped exceptionally bright, neon like 3 1/2" flowers. Sepals light violet pink with darker splash at tips showing vestigial pelorism. Magenta petals with notable interior median line, Broad magenta lip. Likes to grow. 6" pots., 4 1/2" back.

Otaara Hwa Yuan Bay 'She Shu' HCC/AOS. \$60



(Lctna. Peggy San x Blc. Sunset Bay). Four or more 3 1/4" fragrant tricolor flowers of fine form. Plant compact to about 12" only. Large flower mass in comparison to plant size. 4 1/2".

Ctna. Why Not 'Yellow Kitty' \$60.00

Mounted. Nicely formed yellow with interesting red flushing.

Cattleya Family Species

Many of the following species were cork mounted a few years ago and are large plants and/or multiple growths. And are for sale as is. But as soon as they start making new roots, it is likely they will be divided and remounted.

Rhyncholaelia digbyana \$75.00



'(Mrs. Chase' AM/AOS x self) The best growing digbyana I have seen.

C. guttata h. a. coerulea \$125.00

Flowering size n 6" spider pot. 4 established growths. 1 mature new growth.

C. loddigesii var. harrisoniana 'Harford's Favorite' HCC/AOS \$200.00 1 only.



Often confused with loddigesii. Plants to about 18". This flowering with 7, 4" flowers. Open lip exposing column and pronounced yellow crest. Fine quality diploid.

C. intermedia aquinii (Waldor). \$175.00



Developed from sibling forms of Orlata. Advanced breeding flattens the 3 1/2" flowers producing one of finest forms I have seen. Unlike many of the aquiniis that exhibit crippling. 5".

Epi. species. \$60.00

Cork mounted. Shortened and tight growing 10" growths similar to parkinsonianum. From Orchid Trail collection.

C. intermedia 'Sentinel's Pink Orlata' \$100.00



Again Orlata breeding – varieties were 'Orlata Imperial' by 'Gigantea'. This is plant #4. The Flowers measure over 5". Plant about 14" in height. 4". One near blooming sized well-rooted division.

C. intermedia 'Sentinel's Exceptional' AM/AOS 200.

80 point AM/AOS. Orlata breeding. Crown Fox type. Looks like tetraploid with 14" growth, turgid leaves and bulbs 3/4" in diameter. Up to 5, 5" light pink flowers with wide segments and light raspberry peppering. 1 3/4" broad open lip front and edged in reddish-purple. 5".

C. intermedia 'Rio' AM/AOS \$200.00

88 point AM/AOS Superior orlata form from Waldor. 4 1/2" flowers, petals over 1 3/4" wide. Grows and flowers extremely well.

C. labiata var. Rubra'. \$120.00



Energetic plants selected from the Duffin collection. Up to four 6" pink flowers slight flare on petals. Well-formed

C. perciviliana 'Sentinel' Semi-alba. \$150.00



I placed these plants in spider pots and they are growing beautifully and then transferred them to cork slabs.. Main plant came from Orchid Trail. Very nice form and great color spread on lip.

C. purpurata (treated) \$60.00 - \$70.00
HCC/AOS. \$350.00



Magenta lip. 6" plastic pots. Started as Schusteriana. Treated. Producing bright white sepals and petals with slight pink overlay and central petal line. Large 8" flowers with dark purple lip. 5", 6".

Encyclia cordigera \$50.00



Quality cordigera mounted.

Laelia rubescens alba 'Sentinel' (1) 3" \$60.00



Very unusual alba form from 'Valley Isle' x self. Natural spread is over 2".

Cattleya Hybrids



Display in the **BURN ZONE** of Blc. Brunswick Gem 'Sentinels Watermelon' HCC/AOS and Blc. Goldenzelle 'Lemon Chiffon' AM/AOS.

Rlc. Cashens' Silk D'Or 'Sentinel's Lemon' \$120 - \$160.00



(Rlc. Bouton D'Or 'Orange Glow' x C. Horace). Growing and flowering beautifully 4 1/2" flowers butter yellow with tinges of pink on petals. Typical Horace color influenced lip. Two plant 5" & 6" pots.

Blc. Iona Gold 'Sentinel'. \$140.00



(Blc. Waikiki Gold x Blc. Yellow Imp). Production of 3 glowing 4" yellow flowers. Lip yellow with defined cinnabar throat. Highly fragrant. Positive influence of Waikiki Gold. Plant only 12" tall. Not a fast grower but worth it. 5" (1).

Blc. Memoria Grant Eichler 'Lenette' HCC/AOS. 6"
\$100.00



Blc. James Hausermann x Lc. Irene Finney).
Large 8" classic dark orchid Catt. Frilled purple lip, gold eyes.

Slc. Long Life Angel 'Paradise' \$100.00 (1 only)



(Slc. Kauai Starbright x Lc. Angel Heart). Compact tight growing plant. Light pink 3" tricolor flowers with yellow flares. Yellow with red lip, pink edging, white side lobes. 3 1/2".

Bc. Daffodil 'Orange' \$75.00



(Rbyn. glauca x C. aurantiaca). Compact primary hybrid plant blooming with up to three 2 1/2" flowers. Starts orange then changes to yellow. Up to 3 flowers per inflorescence. Pot sizes. 6-7".

Blc. Bouton D'Or



'Lewis' AM/AOS. \$100.00 - \$175.00

(Blc. Buttercup x C. Wolteriana). One of the great Cattleyas. Beautifully shaped 4" flowers in peach to apricot. Usually flowers in January thru February/ March. 3 - 6 flowers per inflorescence Growths can reach an amazing 22" in height. Carter and Holmes just sold a division for \$250.00

'Cherokee' Small Div. \$300.00

Very rare variety, virus free. Known for exceptional breeding. Should be awarded.

Blc. Brunswick Gem 'Sentinel's Watermelon' HCC/AOS \$300.



(Blc. Owen Holmes 'Mendenhall' AM/AOS x C. Horace 'Maxima' AM/AOS). 5" watermelon red flowers and most recent with a 6" flower. Limited. It has taken several years to establish these properly. They are really growing strongly and will only get better as the plants show multi- leads. Should easily move to AM. 5, 6" Broad open lip.

Blc. Carolina Golden D'Or 'Lenette #5' AM/AOS. \$200.



(Blc. Bouton D'Or x C. Warpaint). Beautifully shaped 4" orange flowers with broad open orange lip with concentric cinnabar overlay from the Warpaint. 4 - 6 flowers per inflorescence. Awarded 80 points 1/16/11 to Sentinel. 6".

(Blc. Carolina Orange D'or 'Lenette' AM/AOS x Pot. William Farrell 'Apricot Orange'). \$150.00 (1)



Interesting hybrid with 4" orange flowers with peach overly on petals. Small red dash on lip. 6"

Blc. Cherry Suisse.

(C. Chocolate Drop x Blc. Oconee). Vigorous plants that produce red enameled texture, full star shaped flowers. Open well-developed trumpet shaped lips. First one I bloomed was 'Sentinel's Red Enamel'. These normally produce 4 - 6 flowers up to 4 1/2". They can flower several times per year. Fragrant. I purchased second group of seedlings about four years ago and these are now mature and showing high quality flowers – only the best were kept.

'Sentinel's Red Enamel' AM/AOS. \$175.00



81 point AM. One of best as far as fine shape. Very fast growing and vigorous. Often flowers twice a year with heads of up to 7, 4" brilliant dark enamel red well-formed flowers. One of the best of this hybrid. Much flatter than most with broader lip with attractive yellow inside lobes. 6".

'Rhodolite 2" (#18), HCC/AOS. \$150.00



Plants to about 15". 6 – 8 impressive heads of 4" brilliant red flowers with yellow in throat. Sepals and petals look red/cerise and have a violet neon suffusion centrally. The plant with two inflorescences of 6 and 8 flowers received a 79 point HCC on August 21, 2019

'Sentinel's Exception' (#2) \$150.00



Mature plants. This is a winner. Typical dark burgundy red with a violet neon overtone. Broader petals and lip than my awarded ones. Flowered from one of the unnamed group below. 6"

'Emily' FCC/AOS \$120.00



Very fine form. Solid red with a bit of yellow at side lobes. Almost identical to 'Sentinels Red Enamel'. 6"

'Garnet Sentinel' #1 \$100.00



A lighter reddish bronze. Lip is notable for the contrast between the red skirt and the yellow side lobes. 6"

'Rubelite 1' (#1a, #1b, #1c). \$80.00

4" enameled flowers showing burgundy with a hint of purple. Broad darker burgundy lip with slight yellow markings in throat.

'Rubelite 2'. One only. \$80.00



This is a new back plant and should take off by July. Very unusual. This time, 8 clustered flowers on one inflorescence. 3 1/2" plus. Fine broad lip with yellow under column. Unbelievably fragrant. 6"

'#12 'Rhodolite 1'. \$120.00

Just repotted these. Should be ready in the Spring of 2015. Extremely dark burgundy red. Petals show slightly lighter veining with solid darkness along mid-rib. Lip even darker with a bit of orange back in throat.

Blc. Dinsmore 'Perfection' FCC/AOS. 6" 150.00



(C. Schroderae x UNK). C. Schroderae's C. Bella x C. Maggie Raphael. Classic light pink Catt. 7 – 8". Frilled pink lip with yellow or yellow-orangish disc. Curious as I suspect that C. Schroderae, the species, is a parent based on the strength of the disc, but it is not listed. A selected mix of five species: labiata, trianae, dowiana, purpurata and (Schroderae).

Blc. Goldenzelle 'Lemon Chiffon' AM/AOS.

STEWART: \$130.00. ORC-LAB. \$200.00 5"-6" Pots.



(C. Horace 'Maxima' AM/AOS x Blc. Fortune 'Golden Throne' HCC/AOS). One of the finest hybrids of the past ten years. **These are mericlones obtained from Stewart Orchids and are vigorous, heavy bulbed and leaved unlike many of the mericlones on the market. Full butter-yellow with red blotch on lip.** Sturdy, extremely vigorous, fast growing plants with tight growth systems that often produce multiple leads. Full, beautiful flowers. Plants selected for this offering are some of the finest from the grex and are mature flowered varieties.

Blc. Memoria Helen Brown 'Sweet Afton' AM/AOS.

One 6" available. \$140.00.



(Blc. Xanthette x Lc. Ann Follis). Stocky bifoliate with two to three very heavy substance 5" yellow flowers showing the influence of C. granulosa in the pinkish-red lip coloring. This mericlone has a shift and has better form than the awarded flowers.

Blc. Momilani Rainbow 'Sentinel's Pastel' HCC/AOS. \$175.00

(Lc. Mari's Song x Blc. Orange Nugget). Unusual variety as it is pink with yellow suffusion at base of petals along mid-rib continuing to a purple line. Pink lip, yellow interior. 4" flowers. Plant to 16" in height. 5"

Blc. Mount Hood 'Orchidglade' AM/AOS. \$75.00 - \$100.00



(Bc. De'esse x C. Claris). Classic 6" soft pink, broad pink ruffled lip with darker pink central dart, white halo and yellow throat. Awarded in 1966. 5" - 6" pots.

Blc. Hamana Tip 'Saeki'. \$75.00

(Blc. Stephen Oliver Fouraker x B. glauca). Slightly starry large flowers – a surprising outcome as I would have expected the glauca to have been more dominant. 5 1/2" crystalline white flowers with 2 1/2" broad open lip dominantly deep violet at skirt and border, yellow below column. Strongly fragrant with maximum plant size to 15". Likes bright light.

Blc. Iroquois Trail 'Midfarm' FCC/AOS \$200. 5"



(C. Lee Langford x Rlc. Pamela Farrell). Received a 90 point FCC in 1974. Impressed everyone with it's 6" reddish flowers and fine form 50 years ago. Still quite impressive. Two flowers shown.

Blc. Magic Meadow 'Sentinel's

Chartreuse' AM/AOS 4-6" 250.00 - \$350.



(Rhyncolaelia digbyana x Blc. Helen Brown) Spectacular well-formed green. Hard as candle substance. Received an 86 point AM in 2016. Can produce up to five 5" flowers per inflorescence. Several plants available. Good grower with either unifoliate or bifoliate leaves. Far superior to 'Napolean' variety.

Blc. Meditation 'Lahaina Lipstick II'. \$250.00



(Blc. De'esse x Lc. Fedora). Plant grows exceptionally well. 5" white with colored lip. 6" pots. Small darts on sepals and petals. One smaller division.

Blc. Nacouchee 'Mission Valley' AM/AOS 150.00



(Blc. Heaton x C. Estelle). Awarded 81 points in 1965. Two beautiful 6 1/2" large light pink flowers with darker pink dart on lip skirt to chartreuse under column. Fringed lip and petal edges. 6".

Blc. Pamela Hetherington 'Coronation' FCC/AOS 4", 5". \$80.00, \$150.00



(C. Paradiso x Blc. Mt. Anderson). I attempted to purchase this plant several times over 30 years. All had viruses and were discarded. In 2016 I was able to purchase a plant from the Duffin Collection that tested clean, grew and flowered right. I am not sure, but I would bet it may be a division from the original Stewart plant or a lucky early mericlone that was clean. Not easy to flower perfectly. Can have 8" flowers.

Blc. Rosebud 'Queen of Splash HCC/AOS \$120.00



(Rlc. Ronald Hausermann x C. Mini Purple) 76pts
Two beautiful four inch flowers; rose-purple; petals with dark magenta apical flaring; lip ruffled, dark magenta with gold veins interiorly; column medium purple; substance good; texture lightly crystalline.

Blc. Victor Umi Peltier 'Carla's Green'. \$400.00



(Blc. Waikiki Gold x Blc. Helen Brown). 2 – 4, 4 1/2" chartreuse flowers with two lobed lip, bright yellow with central light red veining. Flowers like wax. Bifoliate very heavy leaf structure. Plant height 12". I have these plants growing exceptionally well. There are very few virus free divisions available.

Blc Waikiki Gold

(Blc. Pink Surprise x C. forbesii). Most people expect concolor yellows as they are familiar with the cultivars 'Lea' and 'Uno'. Sentinel forms are very unusual and beautiful. They are all vigorous growers and flower well with up to six flowers. Color range and intensity change with temperature.

'Pink Spot' AM/AOS. \$140.00 - \$250.00. 5" – 7"



Fragrant. Pink Spot flowers 4" – 4 1/2". Pink with raspberry dots sometimes, with incredible striated lip. The flowers are temperature sensitive and will have a yellow background in very hot weather.

'Sentinel's Tricolor' AM/AOS. Waiting for division.



An unusual and well-formed quadricolor. Cream yellow petals with soft pink edge profusion – slightly peloric. Petals light orange with limited maroon salt and pepper dots. Open lip, cream yellow with dark pink at edge of skirt, darker yellow centrally

Rlc. Hawaiian Satisfaction 'Romantic' 70.00 4"



(Rlc. Waikiki Gold x C. Penny Kuroda). These plants are 7 years in the collection. The two largest finally matured and flowered for the first time and now will continue to flower. Green sepals, cream petals with yellow splash, lip white and partial pink on skirt. Very attractive.

Blc. Wounded Warrior 'Shogun Hawaii' \$50.00 4"



(Blc. Volcano Glory 'Enormous' x LC. Mari's Song) Compact Cattleya producing beautifully formed 4 1/2" splashed flowers. Should be awarded.

C. Caribbean 'Orange Bowl' HCC/AOS. \$60.

(C. Margaret Stewart x C. aurantiaca). 12" bifoliate plants – nice growth habit. Inflorescence with 7 or 8, 3" apricot star shaped flowers. Lip yellow and hot pink tip. lip. Flowers December to February. Plant originally from Stewarts. 5 – 6".

C. Viola Sanjume 'Orange Blossum' One division. 6" \$60.00



(C. Baby Jane x C. aurantiaca). Cluster of 2" orange stars. Compact plant to about 15".

Epi. Pacific Sangria 'Sentinel's Vibrant Red' AM/AOS. \$200.00 *



(Epi. Sun Valley 'Heads Up' x Epi. Pacific Pepper 'Mulligans'). Probably the best red to come out of Cal's plants. Plant grows to three feet plus tall. *Smaller plants available at half price.

Guaricyclia Epiorange 'Sentinel' AM/AOS and ('Mt. Airy' – 6" \$150.00). 6" \$150.00



'Sentinel' Awarded 5/16/2017 and Mt. Airy' indistinguishable. Beautifully growing epicat. To about 15". 24" long inflorescences with several branches. Last flowering had 37 orange with brown overlay, yellow centrally, 1 3/4" flowers. Cinnamon ovoid lip ascending into yellow with fine red stripes.

Lc. Ann Cobb 'Bill' AM/AOS \$250.00 (1)



(Ctt. Doctor Max Schneider x C. Twinkle Star). Up to five, five inch flowers. Electric reddish-purple with semi-spade lip. Plant to about 24" in height.

Lc. Burgundy Delight 'Sentinel'. \$120.00

(C. Chocolate Drop x Lc. Mini Purple). I selected this several years ago at the NYC Show. Finally have several divisions. Three or more 6 cm electric magenta stars. Tight tubular lip dark red with purple striations in lip trumpet. Plant 10" size. (1)

Lc. Chit Chat 'Sentinel'. \$90.00

(C. aurantiaca x Lc. Coronet). 10 – 12, 2 1/2" pure orange stars that are similar to Stewart' variety 'Tangerine' HCC/AOS 79 pts. 1/2" wide open lip makes this superior. Typical reddish stripes in throat from the aurantiaca parent. Flowers February. 6"

Lc. Prism Palette (Lc. Colorama 'The Clown' x C. Horace 'Maxima' AM/AOS).

'Eastern Sunrise'. 5" \$150.00



Fine quality tricolor acquired thru Duffin Collection. Not commonly available

Lc. Sheila Lauterbach 'Equilab' FCC/AOS 6" \$125.00
 (Lc. Barbosa Rodrigues x Lc. Semiphore). A most classic and beautiful white with 'red lip'. I purchased this plant in 2001. It has taken 18 years to get them full size and growing right. They are fine now with beautiful growth and up to 3, 6" flowers.

Lowara Spitfire 'Louella' HCC/AOS \$100.00 5"



(Sl. Gratrixiae x Low. Trinket) Lowaras are uncommon and this is one of the best. Up to 4, 4" vibrantly colored flowers per inflorescence.

Pot. (Rlc.) Amangi 'Orchidglade' BM/SFOS 6" \$300.



(C. Antonica Frederick x Rlc. Maggie McKenzie) Very rare to find at all and this is virus free. Bright red 4 1/4" flowers. White column and semi-spade lip. Flowered in December with 5 flowers on one inflorescence.

Pot. (Rth.) Biltmore Tropical Sunset 'Sentinel' \$200.

(Blc. Carolina Orange D'Or 'Lenette' AM/AOS x Pot. William Farrell Apricot Orange). Beautiful orange and peach tones.

Pot. Ester Costa 'Orange Fantasy' HCC/AOS.

\$400.00. Only one. (Blc. Jane Helton x Pot. Gordon Sui). Classic orange breeder. 5"

Pot. Fortune Teller 'Lucky Alicia' AM/AOS. \$150.00



(Blc. Xanthette x Slc. Tropic Flare). Very vigorous grower. Glowing impressive dark orange flowers with red edge flush. Broad red lip, orange and gold centrally. Flowers almost 5". 4 1/2" – 6"

Pot. Life's Charm 'Sentinel's Peach Neon' AM/AOS. \$250.00



(Blc. Izumi Canyon 'SVO' x Slc. Circle of Life 'Trailblazer'). This is a real find. Good compact grower with fat bulbs and leaves to about 10" in height. Floriferous, up to 4, 3 1/4" perfectly formed pastel peach with purple neon accents on sepals and petals, reddish-orange lip with orange center. With a little patience this will make incredible specimen plants. As I predicted it received an AM/AOS, September of 2015. 4". A client bought one and within a year it had 9 flowers. Can flower several times per year.

Pot. Paxton Brooks 'Orange Surprise'. \$300.00



(Blc. Miami Gold 'Mendenhall' x Slc. Final Touch 'Golden Fleece'). Several plants are now flowering with three flowers in 4" pots. One of the finest 4 – 5" oranges I have seen in a long time. Plants to about 16" tall when full sized. I have not shown yet, but should acquire an easy AM. 4 - 5 – 6".

Schombocattleya Newberry Lava Burst 'Sentinel's Yellow Lip'. 1 @ \$120.00

(Schm. undulata 'Lenette' x Lc. Rojo 'Redhead'). 14" tight clustering bulbs. 2 foot inflorescences with cluster of 12 – 18, 3" bright red flowers and rarer yellow marking on lip. Great plant for exhibits. 6". Bifoliate plant 16" in height. 6" plastic pot.

Slc. Hobcaw 'Lenette' AM/AOS. \$120.00



(Lc. Spring Imp x Sc. Beaufort). 82 point AM. Great compact catt. to about 10". Up to 6 bright orange 2 3/4" full flowers per inflorescence with well-formed red lip, yellow centrally. Especially vigorous tight growing plant. Picture on right shows 6 flowers on one inflorescence on plant in three inch pot. Good specimen potential. 5"

Slc. Kerry Caldwell 'Sentinel' HCC/AOS. \$120.00



(Slc. Starry Sky x Slc. Bright Angel 'OC'). Special. Great plant, only 9" high. Tight bulb structure produces 3 – 4, 2 3/4" sparkling white flowers with slight pink tinge with contrasting trumpet shaped magenta lip. Very showy.. 2" – 3" plastic pot in cypress.

Slc. (Ctt.) Wasp Nest 'Sunset Valley Orchids' HCC/AOS 1 in 5" \$120.00

(C. Tangerine Jewel x Ctt. Trick or Treat). 15" tall tightly growing plant. Cluster of up to twelve 3" brilliant red stars. Red isthmus lip with gold centrally. Inflorescence should be staked to get best display of flowers.

C. Memoria Dina Izumi 'Brookside'. \$60.00



(C. Chocolate Drop x Barbara Kirch). Now here is a good one. There are other varieties, but Sentinel chose this one for its form and color. Tight growing plants that can make multiple leads. Up to 8 well positioned 3 1/4" dark pinkish-purple flowers with broad lip, red with yellow eyes. Outstanding for a Chocolate Drop cross. 4 - 6".

WHITE COCKTAIL ORCHIDS

After huge orchids for corsages were popular, florists were looking for mid-sized whites, especially for mid-year weddings. A popular choice was the group of smaller 4" whites developed from Cattleya intermedia known as COCKTAIL ORCHIDS that were advertised by many west coast growers starting in the 1960's. As time and taste changed, more colorful orchids became popular toward the 1990's. The Cocktail Orchids were largely forgotten to the point where it is now actually difficult to find virus free examples.

C. Catherine Digwood 'White Cocktail'. \$80.



(C. Lady Veitch x C. intermedia). Classic cocktail orchid – 5" white with soft yellow in lip. Bifoliate, 12" in height, fragrant well held flowers, a good grower.

C. Heather Bracher 'Green Meadows' HCC/AOS \$80



(C. intermedia x C. Margaret Lambert). Very fine formed 4" white cocktail orchid

C. Louise Georgiana \$80.00 One Only



(C. intermedia x C. Souvenir de Louis Sander) Classic cocktail orchid – 4 1/2" white with minimal soft yellow in lip. Bifoliate, 12" in height, fragrant with up to 4 well held flowers per inflorescence and a VERY prolific grower.

C. Tom Thatcher 5" \$120.00 One Only



(C. Margaret Stewart x C. Claesiana). Fuller cocktail type. Resembles a white Margaret Stewart with white sepals and petals. Contrasting yellow lip with white edge. From Chadwick Collection. Claesiana is intermedia x loddigesii. Plants are only 12" in height.

BLUE AND AMETHYST

Just a reminder. Many of the "blues" have been around for a while. Granier was not t all careful in his virus control. It is not so easy to find clean plants.

C. Granier 'Blue Terrie' HCC/AOS. 180.00 6"



(C. Valentine x C. Joan Landsberg). Strong growing bifoliate to 18" tall. Up to six, 5" flowers of fine form and sparkling texture. Fragrant full flowers lilac; darker lip with wisteria blue disc and butter yellow throat; column pristine white. October /November flowering. The 76 point HCC issued in 2002 does not do justice to this flower and I believe it is one of the best of the Graniers.

C. Grezaffi's Blue 'Shawn' HCC/AOS \$100.00



(Blc. Victoria x C. Holdenii). Fine blue. Fast growing and relatively compact growth habit (15"). Light blue sepals, medium amethyst blue petals and darker blue lip with pale yellow center. Can produce 8 – 9, 4 ¼" flowers per inflorescence. 6".

Lc. C. G. Roebling 'Beechview' AM/AOS 6" \$80.00



(C. gaskelliana 'Blue Dragon' x L. purpurata 'Werkhauseri') 6" white to blushed blue sepals and petals with dark blue tubular lip. Compact for C. G's.

Lc. Busy Bev 'Blue Jewel' AM/AOS \$60.00 4"



(Lc. Dinard c Ctt. Purple Secret). Small compact growing. 4" flowers several times per year.

Lc. Marcello Miranda 'Bobbie Joe' \$80.00 4"

(C. crispalabia coerulea x C. labiate coerulea). Light blue with darker blue lip.

Lc. Gran 'Blue Beauty' HCC/AOS. \$230.00



(Lc. Canhamiana x C. Ariel). Vigorous bifoliate to 18". Notable influence of C. bowringiana in growth and number of flowers. This flowering produced 10, 5" spectacular flowers. Sepals and petals lilac, lip surround deep wisteria blue, yellow center. 6" pots.

Lc. (C.) Canhamiana 'Lavender Suffusion'. \$100.00.



(C. mossiae x C. purpurata). Six 7" white sepals and petals with light lavender suffusion. Well-formed lilac skirt darker blue at column into yellow. Labelling is a form of variety Werkhauseri.

Lc. Purpurato Rex 'Sentinel' (1) 6" \$125.00



(Lc. Canhamiana x L. purpurata). Floriferous. Relatively small growing. A different version of Canhamiana.

Lc. Schilleriana 'Waldor Type'. \$125.00.



(*C. intermedia* v. *coerulea* x *L. purpurata* 'Werkhauseri'). This is very unusual as normally the flowers take after the *intermedia*. In this case the plants and flowers look like the *purpurata* 'Werkhauseri' with white sepals and petals and the blue lip. Flowers with 6" spread. Excellent grower and flowerer. Two available.

BRASSAVOLA SECTION

Established nodosas can flower several times per year and they pass this characteristic to their hybrids. We have gravitated towards this group and acquired a large selection of exceptionally fine species and hybrids. Like the Broughtonias, they like a taste of lime water several times per year. Species 'Lady of the Night' nodosa's do not like to be disturbed and are slow to develop roots after repotting. Sentinel has mounted all plants on cork slabs and noted faster and more extensive development. Do not judge the species on your first flowering as they improve markedly with more extensive roots. Most plants have been mounted for several years and are large. I will be dividing many on new growths, but for now are for sale as is.

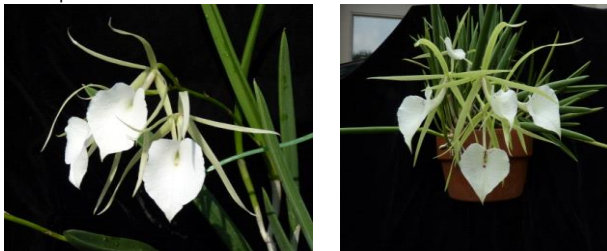
Brassavola cordata (subulifolia) 'Robinson' \$100



Waited a few years for this superior form of cordata. Just mounted on cork – ready to go.

Brassavola nodosa

#2. \$150.00



#2 was selected from hundreds of flowering plants at Fred Fuch's nursery in Homestead. 5" ice green sepals and petals held straight with 1 3/8" wide white heart shaped lip with notable reddish spotting in throat. Three to four flowers per inflorescence. Successfully used for breeding.

'Audrey' \$150.00



5 1/2" hint of green sepals and petals. This has finally shown its true nature. Very large well-shaped flowers. 1 1/2" white heart shaped lip. Dorsal bending forward, sepals and petals on almost flat plane. Probably award quality. 4-5 flowers per inflorescence.

'Eloyce's Moonbeam' AM/AOS. \$200.00.

Awarded with one inflorescence with four flowers. New blooming has 6" flowers. Holds petals out straight.

'Silver Dollar. \$100.00.



Thought to be a variety that was sold by Stewarts in California. Good grower with well-conformed flowers with round lip.

'Orchid Trail' 4n. \$100.00

Fine flowers.

'Woodstream' AM/AOS \$150.00



Energetic grower - 4 – 5 well-formed flowers per inflorescence. Broad white lip. Sepals and petals light celery green.

Brassavola grandiflora 'Orchid Trail'. 4n \$120.00 (1)



What a surprise – 6" flowers Select from Orchid Trail.

Brassavola gardneri \$45.00

('Valley Isle' x 'Paulwella'). Many growths. Not very common. Appearance intermediate between cordata and nodosa but close to the cordata with 4 – 6 flowers per inflorescence. Growing in 3 ½" spider pots with lots of growths. Large flowering size.

BRASSAVOLA NODOSA HYBRIDS

This group is totally underrated and often ignored by most Cattleya growers that are looking for big full flowers. What they do not see is the fast, strong multi-growth, multi-flowering capabilities, exceptionally bright and unusual combinations of colors, often with unusual spots. Many consider them as novelties. Any offered are very select and have proven their quality. Sentinel anticipated their potential and has been willing to wait several years for the best to mature and has blooming divisions. The number of awards we have received attests to their quality.

Brassavola Little Stars 'Rene' \$85.00. Mounted

Awarded an 84 point CCM with about 300 flowers. Not just any flowers – how about 4 – 5" of fine form? It was getting to the point that I could not lift it, so I divided it. These cork mounted divisions are well established and are off to their next CCM's of the future. Why waste time with mediocre varieties?

Brassocattleya Karin Lomer 'Ed Mikulka' AM/AOS (3) \$75.00.

(C. Perciviliana x B. nodosa). This combination produced a huge, well formed nodosa with over a 6" span. Flowers pure white with minimal purple dots in throat. Excellent tight grower. 5" pots.

Blc. Golden Tangs (Blc. Waikiki Gold x Bl. Richard Mueller).

Carefully selected what I thought were the best plants and flowers. Most did not appreciate or see the potential. I have been proved right with several awards and spectacular performance. These start to show best as they produce multiple inflorescences with clusters of four to five or more 4" – 5" brightly colored orange, gold and yellow flowers. Sometimes the inflorescences branch.

'Perfect Sentinel'. \$100.00



4" yellow orange with spotting in broad lip. 6" pans.

'Sentinel's Lemon'. \$80.00

3 ¾ - 4" beautifully formed yellow flowers with orange edging. 5"

Bct. Booth Lee 'Venice' AM/AOS 5". \$60.00



(Bsn. Maikai x C. Jalapa) Up to 8 attractive 3" magenta flowers per inflorescence. Easy to flower nodosa hybrid that holds its color well.

Bsn. Empress Worsley 'Roman Holiday' \$80.00



(Bsn Bill Worsley x C. Red Empress). A great Joe Roman hybrid. Up to three 4" flowers. Sepals cream white with pink overlay. Full petals white with magenta surround and darker dotted center line. Full magenta lip. 5" or cork mount.

Blc. Morning Star 'Sentinel' \$60.00

Blc. Morning Glory x Blc. Melody Fair). Fine 4-5" white with magenta lip. Plants tight growing and height to 12". 5" - 6"

PAPHIOPEDILUM

All Paphs are now growing in cypress mulch. Root action has been excellent. Plants will be checked at time of order for exact pot size and size and number of growths. I add a layer of pumice in the mix with ground oyster shell and top dress with microbial mulch.

Paph. Alcides 'Penn Valley' fma Roebelinii HCC/AOS \$100.00



(P. hirsutissimum x P. insigne). Registered by Sanders of St. Albans in England in 1890. Awarded in 1991 with 79 points to Penn V alley Orchids. Flowers 5 1/2". 2 growths plus, 18" leaf span. One plant.

Paph. Charlesworthii 'Sentinel'. Several plants.
\$35.00 - \$50.00



Yes, a vigorous Charlesworthii that could form specimens. Natural size is 3". Well conformed dorsal 2 3/8" wide. Leaf span from 8" to 12" with one to three growths. Growing happily in 2 1/4" rose pots in very bright light.

Paph. Delrosi 'Sentinel' \$50.00 - \$80.00
(P. delenatii x P. rothschildianum 'Borneo'; FCC/AOS). Beautiful plants. One growth about 15" and another plant with 3 growths at about 10". Purchased from OZ in April of 2094. The classic CHALLENGE PLANT. I will flower this at some point. 4" pots.

Paph. Dollgoldi 'Sentinel's Golden Eagle' HCC/AOS
\$100.00 - \$200.00



(Paph. rothschildianum x Paph. armeniacum). Fast grower and easy to flower. Bright golden flowers with light red stripes 6 1/2" flower when awarded. 3" - 4"

Paph. Friedrich Mellon 'Sentinel's Bronze' 4" \$50.00



(P. Alma Gavaert x P. Fairieanum album 'Jac'). Quite unusual. Take a Fairieanum and stripe the white dorsal like Alma Gaveart. Petals have a bronze upper hirsute edge with bright green and darker green stripes to mid-rib. Lower half of petals are cream with green stripes again with bronze hairs. Pouch medium green with darker green venation with upper edge light bronze. Grows well. Minimum 2 gr +.

Paph. Gloria Naugle (Paph. micranthum x Paph. Rothschildianum)

Sentinel has been collecting this cross since 2006 and has received 2 AM's on the first group. They are hard leaved and grow steadily but not quickly. Plants with leaf spans from 6" - 14". Most are divisions from the same breeding groups that received AM's above. I have done the time and gotten them up to larger and faster growing plants. Plants with 4 - 8" leaf spans **from \$40.00 - \$60.**

Blooming sized are \$70.00 - \$90.00

Paph. Gloria Naugle - Krull-Smith breeding.



(Paph. micranthum 'Crystelle' x Paph. rothschildianum).
(Paph. micranthum 'Krull's King' FCC/AOS x Paph. rothschildianum 'Excelsior' FCC/AOS).

The second group were from Krull-Smith and some of this cross exhibited by Krull-Smith at Longwood Gardens, had been awarded FCC's. When I received the plants in 2008, surprisingly they were much narrower leaved. They needed to be divided and grown and pumped up to Sentinel standards. Krull-Smith seedlings. 6" - 8" **\$60.00 - \$80.00.** 8" - 12" leaf spans and flowering sized **\$100.00 - \$135.00**

Paph. Gloria Naugle 'Burgundy' AM/AOS \$200.00.

(P. rothschildianum 'Daya Red' x P. Micranthum 'Red'). 86 pts. 4/16/14. One of top five awarded cultivars. 15cm - 5 7/8" dark flower notable for horizontal petal stance and flat, upright dorsal sepal with intense dark coloration; dorsal sepal, synsepal and petals chartreuse with dark burgundy striations; pouch light raspberry pink with darker pink venation; staminode white, yellow centrally. Division has one mature growth and two new growths. 5" pot. One only.

Paph. Gloria Naugle 'Sentinel's Raspberry' AM/AOS.
\$160.00 - \$200.00

(P. rothschildianum '266A' x P. micranthum 'Red'). 80 points, August 15, 2007, 5 1/2" flower with a yellow background with dark maroon striping. Lip cerise. Judges' comment was awarded for unusually bright coloration and novelty of color contrasts. Prolific grower. Two mature growths. 5" pots.

Paph. Harold Koopowitz 'Sentinel's First'. \$140.00



(P. rothschildianum 'In-Charm' x P. malipoense 'Fragrance'). I purchased many of these as the leaves were beautiful, broad, and turgid. This was the first to flower. One new and one older growth. 5".

Paph. Harold Koopowitz 'Almost April 1st'. \$100.00
 (P. rothschildianum 'In-Charm' x P. malipoense 'Fragrance'). When I purchased these HK's in 2008, they were large, beautiful plants. This one has one mature and one almost mature growth. The larger growth has a 22" spread. Leaves 2 3/8" across. Unflowered but ready. 5"

Paph. Harold Koopowitz FCC GROUP \$200.00



This is the group the **Sentinel FCC – 94 points** is Awarded with three flowers. Some have flowered and have not been evaluated or selected. Two mature growth plants most with new growth.

Paph. Hsinying Moonlight 'Sentinel' AM/AOS \$200



(P. primulinum var. flavum x P. Yosemite Moon). One of best primulinum crosses. Two to three 4 1/2" pure yellow-green flowers. 80 point AM. Several growths, 16" total leaf span. Good grower, beautiful plants.

Paph. insigne 'Good Form'. 4". \$50.00



Nice looking plants that grow and flower extremely well. Quality 3 1/2" flower. 3 growth plants.

(Paph. Muriel Constance x Paph. Hsinying Franz)\$70

Blooming sized plants, several growths. 5"

(Paph. Muriel Constance x Paph. Hsinying Franz)

\$90.00. White with raspberry stripes and spots. One3 plus one new growth.

Paph. Moonstone 'Moonbeam' AM/AOS. \$230.00



(P. Deperle 'Whitequest' x P. Stone Lovely 'Lehua Butter Puff'). Awarded with three 4 1/2" white flowers on one inflorescence. Slightly centered chartreuse with peppering of burgundy spots.

Paph. Via Ojai 'Jim's Delight' HCC/AOS. \$100.00

Beautiful white with slight yellow center flush topped with burgundy salt and pepper speckling.

(2) in 4" pots. Single growths.

Paph Via Ojai 'Jim's Pride' HCC/AOS. \$125.00, \$185.00

77 points,12/78. White flower with light yellow suffusion. Burgundy pepper spotting over central area and petals.

One of the better whites with Hellas suffusion. Plant with 2 plus growths. \$185.00. Smaller 12" fresh growth division. \$125.00

Paph. Lathianum 'Sentinel 'Maisie's 89'. \$80.00 - \$120.00



Purchased this plant in 1989. It is a great grower and flowerer. 4" plus quality flowers. I thought it was villosum albo-marginatum, but it was identified as (villosum x spicerianum). Several plants 3 growths

SMALL AND WARM GROWING
CYMBIDIUMS – SPECIAL
VARIETIES

Cymbidium Chian-Tsy Mascot 'Sentinel' \$80.00



(Cym. Golden Elf x Cym. ensifolium). We think this may be an individual variety as the lip does not curl under as much as other varieties. Warm growing plant with leaves to 2 feet. Can have 15 bulbs in a 6" pot. Erect inflorescence with as many as 12, 3" concolor yellow flowers with strong lemon perfume. Flowers have elegance from the Chinese ensifolium. Flowering in September/October. .

Cymbidium insigne sp. Seidenfadenii x Cym. Cindy Lou 'Geyserland' 4N. \$35.00

Small beautifully shaped white flowers. Single maturing bulb. Growing fast. 4"

Cymbidium iriodes 'Sentinel' \$125.00

Rare species similar to a smaller tracyanum.

Fairly large plant. 6"

Cymbidium Sean Duffin 'Mt. Airy' HCC/AOS. \$120.00



(Cym. insigne x Cym. Dolly). Great white miniature. Upright inflorescences with 16 plus 2 5/8" white flat stars. White lip slightly under-curved with yellow centrally and very light pink spots. 4"

Cymbidium Dorothy Stocksill 'Forgotten Fruit' AM/AOS 5" \$80.00. (Phar Lap x Cym. Miss Muffet)

Wonderful pendent. Good grower and prolific flowerer.

Cymbidium Gladys Whitesell 'Concolor' 5" \$130.00

(Cym. Fifi x Cym. Parishii). Now this is a rare form and special. White with greenish tinge. Lip almost all white.

MINIATURES

Macroclinium (Notylia) xiphorou. \$30.00 Single growth. \$50.00 multiple growths.



Plant fans to only 2" across that form clusters. Can only describe flowers as a group of pink mosquitoes – the cluster of flowers is several times larger than the plant. Neat. Rare. Easy to grow and flower. About 10 plants available, and do not have a source for additional plants.

Ornithocephalus. From Columbia, Mexico. 3 – 4" fans like to be mounted on cork. They should be mounted pendently and grow in low to medium light and like to have wet feet. The varieties are not often stocked by specialty growers. When they are offered, the tiny sizes of the plants offered compared to the prices are expensive and many do not survive. Plants will form multiple fans in several years and put on an incredible show as they flower from many of the leaf axils. 3/16" mostly white flowers accented with green.

Ornithocephalus cochleaiformis. Single 2" fans \$40.00 Large plants - \$100.00



Fat fan structure to about 4" across at maturity. Flowers in early spring with upright inflorescence with 1/4" translucent white and dark green flowers. Similar to gladius. Single growth fans on cork

SPECIES AND CLOSE

Brassia Rex 'Waiomao Spotless' FCC/AOS. \$40.00 - 80.00



My first bloom had ten, 11" flowers. Chartreuse with white lip and yellow crest. Strong, nice looking plants. Large, beautiful bulbs. A great show plant as it is much more striking than the typical Brassias. Fragrant. 4 - 6".

Brassia Rex 'Waiomao Spotless' FCC/AOS \$40.00 - \$100.00. (Brassia verracosa x B. giroudiana). Flavistic form with darker yellow spots. 10 - 12, up to 12" flowers beautifully displayed on upright inflorescences from beautifully formed bulbs and leaf structure. Small 3" to full sized 6-7" pots. Great show plant.

Stenosarcus Vanguard.. \$45.00



(Stenorhynchus speciosa x Sarcoglottis species). Easy growing terrestrial that will form specimens. Beautiful silver/white spotted leaves. Inflorescence gets to about 18" tall with tubular red-orange flowers, open in front.

Vanda Chao Praya Emerald 'Sentinel'. \$100.00(one stem)



(V. tessellata alba x V. vietnamica). Plant can get to 2' in height. But will flower on one foot high growths. Very attractive and charming group of 10, 1 1/2" green flowers and a contrasting white lip. Intermediate between the tessellata and the vietnamica. Easy to flower.

DENDROCHILUM

Sentinel has been interested in this group for about 20 years. I have selected several of the best growing and large flowering bulb group. **They love to be repotted each year or two and respond to new mix.** We find a good time to repot is just as new growths start to swell, but well rooted plants can be repotted almost any time. Remove all dead bulbs, divide if necessary to encourage plant to form growths in a full circle. **It may take two to three pottings and some crimping to shape correctly,** but it will be worth the effort. Use open mix. Plastic pots work well. **It is better to keep moving the plants up one pot size then try to make them fill out a pot too large. Moderate light, lots of water and fertilizer.** The following are tested varieties:

Dendrochilum cobbianum. These are highly selected/superior varieties and flowering sized plants. The identification of these plants and flowers is not especially clear. We have grouped similar flowering types together; in this case under cobbianum (type). They usually have the fragrance of mown hay.

NOTE: Sentinel has many other varieties of cobbianum and other Dendrochilums. Please inquire for more info.

'Sentinel's Poco'. \$30.00 - \$60.00

Bulb and leaf up to 12". 2" high bulbs, 3/4" at base tapering to 3/8". Unusually clean, prolific tight growth habit and ease of flowering. Ideal for specimen culture. 1/2" flowers with cream sepals and petals with orange shaded lip and chartreuse center. Up to 50 flowers per inflorescence with 1/2" flowers in February-March.

'Cobbianum type'. \$25.00 - \$50.00

Plant to 15" in height. 3" bulbs tapering from 1/2" to 1/4". November to December flowering. 5/8" chartreuse sepals and petals with bright yellow-green lip.

'Sentinel Especial'. \$30.00

Plant to only 6" in height.

'Chartreuse Sentinel'. \$40.00

Unusually diminutive plant - maximum height to 8". Rounder leaf structure. Flowers translucent pale green to chartreuse.

'Sentinel's Aurea II'. \$40.00



Plant to 10" with fairly large 2" bulbs. October flowering exceptional yellow. 5"

Dendrochilum magnum. 4 - 8 bulb \$45.00.

This is a group of the highest quality magnums that I have seen. A true monarch of Dendrochilums. Attractive plants with bulbs and leaves to 25". Pendulous inflorescences have 15" of blooms – 90 flowers. 3/4" flowers start out chartreuse, change to lemon yellow and then golden orange. Contrasting greenish-white hoods. Commonly makes two new growth per bulb. These plants have been carefully worked for many years and are in perfect condition. Fragrance of honey and spice. Flowers August - September. 'Sentinel's Yellow Pearls',

DENDROBIUMS

Many growers shy away from Dendrobies and it is understandable because of their reputation as difficult and inconsistent growers. Many are inferior as they are difficult to flower, have consistent bud drop or form too many keikis. Varieties can be selected that are easy growing and flowering with minimal understanding of their cultural requirements. If you have bright and airy conditions, these plants are a delight. Here are suggestions:

1. All bigibbum types do very well slabbed on cork. Allow sufficient room for plants to increase in size. They will grow in small sized clay pots in open mix.
2. When potting Phalaenopsis type Dendrobiums and many other dendrobiums they must be **very under-potted.**
3. They must have a **minimal amount of an open type mix.** They will be top heavy, so it helps to stake securely and to weight the bottom of the pots. Use extra drainage material to reduce mix in the pot.
4. They prefer clay pots which lets them dry out quickly, but plastic pots with hole patterns also works.
5. Water often when temperatures are warm. Reduce watering if night time temperatures drop below 62 degrees.
6. Use absolutely minimal nitrogen fertilizers. When in active growth, fertilize often with low dilution.
7. Selected plants that might form keikis (off shoots) - wait until root development is 3" - 4" and remove and slab or pot.

Bigibbum Compactum Types

Sentinel has been collecting bigibbum types since 1980. Bigibbum is the small form of Dendrobium phalaenopsis. We have selected a few that grow well with good growth habit. They can flower more than once a year with 2" flowers that are long lasting. We transferred all the bigibbum types to cork slabs. They form specimens quickly and are very rewarding with myriads of flowers. If they make keikis, wait until they establish roots and remove them and re-slab. All of these plants are blooming size, propagated from stock and are in limited quantities.

Dendrobium bigibbum (phal., bigibbum compactum)

'Harford' HCC/AOS - 78 pts. \$40.-75.00



Sentinel received the award on this plant in 1990 as Dendrobium phalaenopsis var. compactum. It is an exceptional grower – compact bulbs to 6" with dark pink flowers of fine form. Main flowering season is August - September. Slabbed.

'Oka' HCC/AOS (79points – 9/21/16). \$50.-\$100.00



Sentinel received this plant from Mr. Oka in Hawaii at least 15 years ago. It grows taller to about 16" and is less likely to keiki. Larger flowers than Harford. Flowered with 14 on one inflorescence – great cascade. Slabbed.

Dendrobium Burana Stripe 'Impression' AM/AOS \$100.00



(D. Thanaid Stripes x D. Chorthip Chashi) Sentinel award 80 points 10/2017. This is a rare find. Plants to only 12". Heavy beautifully structured bulbs and leaves. When awarded the plant had four inflorescences with 44, 2 1/4" heavily textured spectacular neon magenta striped flowers.

Dendrobium Enobi Purple 'Splash' AM/AOS Sentinel 1, Sentinel 2 \$50.00



2" white flowers with unusual maroon staccato markings around the petals. Will have branched inflorescences with possible 15 to 20 flowers. Purchased as mericlone, selected for patterning. Mounted on cork.

Dendrobium Vivian Snider 'Pink Stars'. \$50.00. (D. Little Profusion x D. bigibbum compactum)



Highly selected. Charming tight growing plants with maximum 8" high bulbs. Cascading multiple inflorescences about a foot long with 2" dark pink lightly striped horizontal stars. Wonderful contrasting darker pink lips with raspberry in the throat. Do not disturb for several seasons and you will have an impressive specimen. On cork slabs with approximately 10 growths. As predicted one slabbed plant received an 84 point CCM on 9/21/16 with a mass of 72 flowers and 9 buds on 12 inflorescences. A total of 19 growths.

Other Dendrobiums

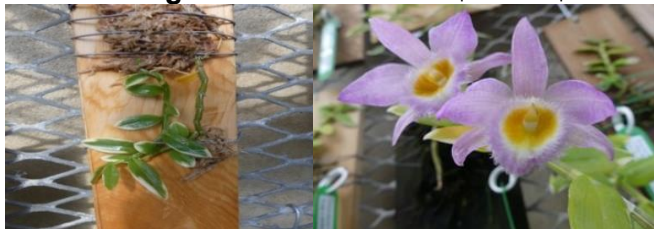
Dendrobium chrysotoxum suavissimum 'Elaine'



AM/AOS - \$100.00

Awarded in 2014. Fine variety of the species. Large flower with notable dark lip center. Easy to grow and flower. 4 – 6 bulb divisions. 5".

Dend. Ioddigesii 'Silver Charm'. \$40.00-\$60.00



Mounted on cedar. Edge variegated form very desirable. Grows extremely well and has fine pink flowers in March.

Succulents and Cacti

I started with succulents and cacti as a new grower over 60 years ago. In 2004 I had the urge and opportunity to restart my collections. I concentrated on **Haworthias** – the windowed rosette succulents from South Africa as I was fascinated by the window and growth patterns, markings and colors. What has happened is a specialty also in the **variegated and patterned forms in limifolia, attenuata, fasciata, and reinwardtii groups.** For the past 18 years I have been purchasing only the best color forms and continued to select and propagate.

Colors are from straight green to yellow, white, pink, peach in 1 to 4 colors. They are unusual as all of the stock, even the unicolor greens can throw offsets in any of those colors at any point on the structure of a plant. I have selected the best and continued to propagate. A mature plant with offsets can have as many as 8 plant offsets – all differing in colors. I am not sure, but with the several hundreds of plants, I suspect I have one of the best collections of these types of variegata. I also have some exceptional varieties of the windowed forms. Many do not exhibit clear windows but have unusual surface textures and beautiful rosettes.

I could not help myself and also collected small growing Aloes and Gasterias. Part of the collection are **Schick Hybrids cacti Echinopsis** – these produce huge, gorgeous flowers. Over the years I have discarded ones I did not like in all of the varieties and propagated the best – so there are lots of great selected plants. They have adapted well growing near the orchids and benefit from extra water and fertilizer. See pictures below. Inquire if you have an interest.

Pseudorhipsalis ramulosa. \$20.00. Large plants \$40.00

Attractive flat leaves with white tufts. Upright and then pendant. Small multi-leaved plants in 2" rose pots. Can turn red in bright light. Flowers turn into white balls along leaf edges. Plants love their orchid friends.





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