

Woodstream Orchids
Winter 2019-2020
Phragmipedium Species, Hybrids, and Select Divisions!



PHRAGMIPEDIUM SPECIES AND HYBRIDS

Woodstream Orchids is one of the leading Phragmipedium hybridizers and producers of seed-grown Phrags in the United States (Okay, the World). The future is bright for Phrags with our continuing success at producing commercial quantities of highly desirable species and hybrids. You will find unique hybrids listed below, many of which are unavailable elsewhere, at this time. Our current focus is on Phragmipedium:

- Species
- Second and third generation kovachii hybrids
- (4N) and (3N) besseae hybrids
- Yellow and **white** hybrids
- Miniature and compact hybrids

As the popularity of Phragmipediums grew with the discovery of Phrag besseae, more and more hybrids were attempted by Phrag breeders. It was soon discovered that there were some poorly-defined genetic incompatibilities that prevented good seed production in many crosses. Dr. Donald Wimber, working at the Eric Young Orchid Foundation on the Isle of Jersey, in the United Kingdom, and others devised laboratory methods to induce Phragmipedium seed to double their DNA chromosome count

from normal [diploid, (2N) to tetraploid (4N)]. When plants were crossed with one another, or with a normal diploid (2N) plants, these breeding incompatibilities were greatly reduced, and seed production increased.

Both tetraploid (4N) plants and triploid (3N) plants often exhibit improvements in flower size, color, substance, and sometimes, growth rate, when compared to similar 2N plants. On the other hand, 3N and 4N plants often grow larger than 2N plants and may produce fewer flowers. This said, some of the most spectacular Phragmipedium show plants seen today come from 3N and 4N breeding.

However.... miniature orchids have taken hold in the orchid world. Small-growing Cattleyas, Phals, and now Paphs are very popular. Woodstream Orchids has been working on breeding miniature and small-growing Phrags for the past 20 years. Demand has been high, so our miniature and compact offerings sell out quickly. Purchasing flasks or seedlings may be the most assured way to get ahold of these delightful Phrags.

If that weren't enough... Woodstream journeyed to Florida just before Christmas 2015 and purchased the Krull-Smith Phragmipedium collection from June's Orchid Estate (JOE). Hundreds of blooming-size and near blooming size seedlings and divisions, including outstanding potential cultivars from the Eric Young Orchid Foundation and The Orchid Zone. While we are still evaluating the collection, we are offering plants in this listing and using some of the best for our breeding program.

Finally, after two decades or more of leading the planet in Paphiopedilum and Phragmipediums, The Orchid Zone Ltd. has closed its doors for good. Since Terry Root retired, the Zone has changed hands a couple of times. While the backstory of the final closure is not totally clear, there is a stark realization that the world has changed. In recent years Woodstream Orchids has eclipsed the Orchid Zone in Phragmipedium breeding, but Terry Root and The Orchid Zone will still be missed. The Zone's legacy lives on through the efforts of former Orchid Zone staff, including Graham Wood (Lehua Orchids, HI), Mark Pendelton (Blackwood Orchids, CA), and Bill Goldner (Woodstream Orchids, MD).

WE HAVE OUTDONE OURSELVES AGAIN!! We have previously stated that we guarantee you have never seen a Phragmipedium offering list like this! We are sticking with that statement!! Block off some time to study the list and then hurry to contact us by email (woodstream3@verizon.net) to reserve your plants. While we make every effort to ship quickly, we remain a small operation, and shipping may be delayed during: our busy show seasons; periods of extreme weather; and business travel. If your shipment is unduly delayed, we will make up the pain and suffering with an extra plant or plants. Also, stay tuned for our new Flask, Paph, and Zane's Epiphytic Cacti and Succulent lists.

We are grateful for your interest in our plants and our business.

Bill, Lynn, Zane, Leo, and Spicepup plus Amber and Onyx the Oberhasli dairy goats

PHRAGMIPEDIUM SPECIES



WSO andrettae ('Penns Creek' CHM/AOS x self)

- (Colombia) One of the rarest Phrag species that is just becoming available. Compact and easy growing. These were not easy to establish but are now vigorously growing seedlings 2-3 years from blooming. 12 available. 2.5" pot, 4-5" Is Seedlings \$35; 5 available 3.5" pots BS Seedlings \$50



besseae flavum 'Broadwaters' AM/AOS – (Ecuador) Holy cow!!

Divisions of the highest awarded yellow besseae are available? You bet! Not only a beautiful flower, but a good grower. 1 available 4.5" pot BS Division \$400.00



WSO 5548 besseae forma Guarumales
(‘Conflagration’ x self) – Unique Ecuadorean form of besseae with scintillating color. Strong growers.
2.5” pot \$25; 3.5” pot \$35



czerwiakowianum – (Ecuador) Love this species! An important parent for white Phrags, that has grown increasingly rare in cultivation. 3.5” pots
Blooming Size Divisions \$45



WSO 4876 fischeri (‘Joan’ AM/AOS x self) - (Ecuador)
Rare and revolutionary relative of Phrag schlimii. Incredible color and potential as a parent to produce rose purple blooms. Compact and easy growing. We have a great population on the move toward you!
12 available. 2.5” pot, 3-4” Is Seedlings, \$35; 3.5” pot BS Seedlings \$40



hirtzii – (Ecuador) Floriferous and unique species with grass-like foliage. 3.5" pots Blooming Size Divisions \$40; 4.5" pot \$50



humboldtii – (Panama) Spectacular long-petaled Central American species. 1 available 3.5" pot Seedlings \$45



lindleyanum ('Kelly Creek' HCC/AOS x sib) – (Venezuela) We love this species. Beautiful branching inflorescences. Medium size plant 2.5" pots, 4-5" Is Seedlings \$20; 3.5" pots 7-10" Is Seedlings \$35; 4.5-6" pots BS Seedlings \$45



WSO 1716 longifolium ('Woodstream' AM/AOS x self) – (Ecuador) Selfing of our superb Ecuadorian clone. 4.5" pot, BS Seedlings \$35



longifolium 'Windy Hill Midnight' AM/AOS – (Ecuador) A wonderful very dark form that is one of the two best cultivars of this impressive species. Easy to grow and bloom. 1 available. 6" pot BS Division \$150



longifolium 'Woodstream' AM/AOS - Divisions of our superb Ecuadorian clone. One of the two best longifoliums we know of, and the only one that throws a branched inflorescence. Easy to grow and bloom. 3.5" pots, \$50; 4.5" pot NBS Division \$85; 6" pot BS Division \$100



longifolium var. gracile 'Birchwood' AM/AOS – (Panama) This diminutive species is easily distinct from the Phrag hartwegii var. baderi, as the staminode has "eye-brows". There are other differences, as well. 2 available 3.5" pot Division \$50; 6" pot BS Division \$75



longifolium var. gracile 'Florida' – (Panama) Grass-like foliage. Smallest form of longifolium. Easy to grow and bloom. 2 available 3.5" pot Division \$50; 6" pot BS Division \$75



WSO 4125 longifolium var. gracile ('Florida' x 'Birchwood' AM/AOS) - This diminutive species is easily distinct from the Phrag hartwegii var. baderi, as the staminode has "eye-brows". There are other differences, as well. These seedlings are blooming on very small plants in 2.5" pots \$15; 3.5" pots NBS-BS Seedlings \$25; 4.5-6" pots BS Seedlings/Divisions \$35



pearcei ('Cricket' x 'Charmer') – (Ecuador) Terrific species, compact growing and fine show plants. Very limited. 3.5-4.5" pots, BS multi-growth seedlings \$35; 6" pot BS Division \$40



WSO 5009 richteri ('Beechview's Buddy' AM/AOS x sib) – (Ecuador, Peru) larger form of pearcei that makes great hybrids. 2.5" pot, 3-4" Is Seedling, \$15; 3.5" pot \$35; 6" pot \$45



WSO 5338 sargentianum ('Summit' HCC/AOS x self) –
Commanding species now rare in cultivation. Parent of many famous hybrids including Sargent Eric, Sorcerer's Apprentice, and Memoria Dick Clements. Impressive tall branched inflorescence that remains in bloom for months. The parent is beautiful! Easy! Fast-growing. 2.5" pot, 3-4" Is Seedlings, \$20; 3.5" pot \$25



WSO 4478 schlimii ('Silver Creek' HCC/AOS x 'Raspberry Ice')
- (Colombia) Popular compact species with charming pink and white flowers. 2.5" pot 3-4" Is Seedlings \$15; 3.5" pots, NBS \$25; 4.5-6" pot BS \$35



Phragmipedium tetzlaaffianum 'Penns Creek' CHM/AOS – (Venezuela). One of the rarest of *Phrag* species. Absolutely beautiful, and likely to get a flower quality award soon! Branching stems and large graceful flowers. Positively identified by Olaf Gruss. 2 available. 4.5-6" pots, BS multi-growth Divisions \$500



Phragmipedium vittatum – (Brazil) Another rare *Phrag* species! Grows in a few bogs in muck in Brazil. We are trying to grow these in Pro-Mix with good success, but Ochiata, perlite, and sand work well too. 3 available. 4.5" pots, BS multi-growth Divisions \$85

PHRAGMIPEDIUM BESSEAE and KOVACHII - INFLUENCED HYBRIDS

Phragmipedium besseae was discovered in Ecuador and Peru in the early 1980's. That a stunning bright red/orange flower could remain unknown for so long is one of the great stories in orchid history. Since then, Phrag besseae has been used extensively in hybridization, resulting in many of the most popular Phrags on the market today. Also, Phrag besseae comes in a range of colors, deep red, orange, salmon, peach, and pure yellow. With this palette, breeders are working to create new and appealing hybrids that are easy to grow and bloom. Many of the hybrids listed below are original crosses produced by Woodstream Orchids.

Much more recently is the discovery in Peru and hybridization of the remarkable Phrag kovachii. With giant rounded dollar bill-sized flowers and pink-purple coloration, kovachii has the potential to take Phrag breeding to even greater plateaus. While kovachii itself is slow-growing, once established most of its first and second generation hybrids really take off. We are only now beginning to release kovachii hybrids, and are anxiously awaiting dozens of crosses in our breeding pipeline.

Achental flavum 'Spring Forge' (richteri x Hanne Popow flavum) – Near-white hybrid. 3.5" pot Division \$50

Anne Port 'Davidson River' (Longueville x Beauport) – Division from the Krull Smith Phrag Collection. Originally from Eric young Orchid Foundation. 4.5" pot BS Division \$100



WSO 5501

Anthony Omeis 'Spring Creek' x April Fool 'Woodstream' FCC, AM/AOS – Some of the best potential from our mini Phrag breeding. Anthony Omeis (Spot On x Pink Panther) has become a star across the country. Paired with our newly minted FCC April Fool... skies the limit. 2.5" pots 3-4" Is Seedlings \$35

WSO 5636 April Fool (



WSO 4230 Assateague (lindleyanum 'Kelly Creek' HCC/AOS x Fritz Schomberg 'Black Canyon' AM/AOS) – Few to be released second generation kovachii hybrid. Great parents. 1 available 3.5" pot NBS Seedling \$50; 1 available 4.5" pot BS Seedling \$65



© David Lambert Images.com Baerbel (longifolium 'Woodstream' AM/AOS x Saint Ouen 'Ice Queen' JC/AOS) – Limited. 2.5" pot 3-4" Is seedling \$25; 3.5" pots 4-6" Is Seedlings \$35



WSO 5199 Bel Royal (4N) (Mem. Dick Clements (4N)

'Black Canyon' AM/AOS x Sorcerer's Apprentice (4N) ('Trinity' AM/AOS, RHS) – Remake of a terrific Eric Young Orchid Foundation hybrid, these tetraploids will have impressive branched inflorescences with large red flowers. Fast-growing! 2.5" pots 3-4" LS Seedlings \$25; 3.5" pot 5-6" LS Seedlings \$30; 4.5-6" pot NBS Seedlings \$45



Bel Royal 'Sterrettania' (4N) (Mem. Dick Clements (4N)

'Mont Milais' AM/RHS x Sorcerer's Apprentice (4N) ('Trinity' AM/AOS, RHS) – Terrific Eric Young Orchid Foundation hybrid, impressive branched inflorescences with large red flowers. 6" pot NBS Division \$65



Bouley Bay 'Riverside' HCC/AOS - 3.5" pot Division \$50



Brecko Nitamente 'Pisgah' (Nitidissimum x Memoria Dick Clements) – Really nice hybrid reminiscent of Noirmont. In bloom for months. 1 available. 6" pot BS Division \$75



WSO 4697 Burnt Tree (Pastel Echo x Mingoville Morn) – Compact strong-growing plants. 3.5- 4.5” pots BS Seedlings \$30; 6” pot \$35



Cape Bonanza (pearcei x Hanne Popow flavum) – Pleasing small-growing hybrid with pale pink-yellow flowers. 4 available. 3.5-4.5” pots NBS Seedlings \$35



Casselman River (Hanne Dale x Lynn Evans-Goldner) – Really cute small-grower. 1 available. 4.5” pot BS Division \$35



China Dragon (Grande 'Crystelle' HCC/AOS x besseae 'Frank Smith) – We have a number of these! One just received an 86 point AM/AOS in October, 2019, lauded for extremely wide petals. 6" pots BS Divisions \$75



WSO

5195 Claude Marcoux (3N) (Hanne Popow 'Pretty in Pink' HCC/AOS x Sunset Glow (4N) 'Kelly Creek' HCC/AOS) – 2.5" pot 3-4"LS \$25; 3.5" pot \$35

Don Wimber (4N) (Eric Young [4N] x besseae [4N]) – Very limited Chuck Acker remake of this wonderful hybrid. 3.5" pots 5-6" ls Seedlings \$35



Don Wimber 'D&B' AM/AOS (Eric Young x besseae) – One of our favorite hybrids. From our Florida purchase. Beautiful! 4.5" pot BS Division \$100; 6" pot BS Division 3 available \$125.



Don Wimber 'Pisgah' HCC/AOS (Eric Young x besseae) – Outstanding cultivar that is easy to grow and bloom. 3 available 4.5" pot BS Division \$85; 6" pot BS Division \$100



Don Wimber 'Red' (Eric Young x besseae) – Different but nice color form from the KS/JOE collection. 1 available. 4.5" pot BS Division 1 available \$45; 6" pot BS Division \$65



Don Wimber flavum 'Spring Coulee Creek' HCC/AOS
(Eric Young flavum x besseae flavum) – Terrific cultivar that will be highly sought for breeding large yellows. 3.5" pot NBS Division \$125



WSO 5576 Don
Wimber flavum 'Penns Creek' HCC/AOS x lindleyanum 'Kelly Creek' HCC/AOS – These should be really cool! Yellow flowers with red-highlighted petals. Branching inflorescences are a possibility. 2.5" pots 3-4" Is Seedlings \$25; 3-5" pots 4-5" Is Seedlings \$30



Elizabeth March 'Broadwaters' (Sedenii x besseae) – Beautiful Eric Young Foundation Hybrid with graceful branching inflorescence. Won People's Choice award at Paph Forum a few years ago. 6" pot BS Division \$100

Eric Young (besseae x longifolium) – Classic red/orange hybrid that is a terrific parent. 1 seedling available, 3.5" pot \$25



Eumelia Arias (kovachii x schlimii) – We can't have enough of these. Beautiful pink-purple flowers on easy growing easy blooming plants. 3.5" pot NBS Seedlings \$45; 4.5" pot BS Divisions 4 available \$65



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Fliquet (Memoria Dick Clements 'Frank Smith' AM/AOS x Grande 'Crystelle' HCC/AOS) – From the Krull-Smith collection. Awards here for sure. 3.5-4.5" pots NBS Divisions \$50; 6" pots BS Divisions \$65



Frank Smith (Grande 'Frank Smith' x kovachii) – Stupendous Phrag with show-stopping potential! Huge flowers. 3.5" pots, 8-12" ls Seedling 10 available \$55; 4.5-5" pot NBS-BS Seedling 10 available \$75; 6" pots BS Seedlings 5 available \$100 Larger plants shipped bare root.



Fritz Schomberg (besseae x kovachii) – One of the best of the kovachii hybrids. Many awards! 3.5" pot NBS Divisions \$75; 4.5" pot BS Divisions \$100

Fritz Schomberg 'Crystal Lake' (besseae x kovachii) - 4.5" pot BS Division \$100



Fritz Schomberg 'Kennebec' (besseae x kovachii) - 6" pot BS Division \$100

Fritz Schomberg 'Panther Run' (besseae x kovachii) - 4.5" pot BS Division \$100



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Fritz Schomberg 'Timber Coulee Creek' (besseae x kovachii) – Beautiful light pink form of Fritz Schomberg. Highly desirable. 4.5" pot BS Division \$125 each

Glowing Embers 'Krull Smith' HCC/AOS (Jason Fischer x longifolium) – Very similar to Inca Embers and just as nice! 4.5" pot BS Division \$75



Grouville (4N) (Eric Young [4N] 'Rocket Fire' AM/AOS x Hanne Popow [4N] 'Jersey' AM/RHS) – Very limited remake of our favorite besseae hybrid. 2.5" pot 4" Is Seedling \$35



Grouville 'Benner Springs' (Eric Young x Hanne Popow) – Nice cultivar of our favorite besseae hybrid. 6" pot 4" BS Division \$65



Haley Decker (Saint Ouen x kovachii) –
Lovely kovachii hybrid! 2.5" pot 4-5" Is Division \$40



Haley Decker (Saint Ouen x kovachii) –

Lovely kovachii hybrid! 3.5" pot NBS Division \$75



WSO

4856 Hanne Popow ('North Fork' x 'Pretty in Pink' HCC/AOS) – Sib cross of two highly branched and colorful cultivars. 3.5" pot BS Seedlings \$35



Hanne Popow 'Pretty in Pink' HCC/AOS (besseae x schlimii) - Original cross from the Orchid Zone. This cultivar has a solid pink-raspberry coloration. Strong growing and throws branched inflorescences. 1 available 4.5" pot BS Division \$65; 2 available 6" pot BS Division \$75 each



Hanne Popow flavum 'Hamlye' (besseae flavum x schlimii) – From the Eric Young Orchid Foundation. Great parent for yellows and whites. 4.5" pot BS Division \$85; 6" pot BS Division \$100



Horse Heaven (Wild Horse Valley x Hat Creek) –
Lovely potential for dark lips and shapely flowers. 3.5" pot \$40



Hot Pursuit 'On Fire x
klotzscheanum 'Weitas Creek' - Looking for miniature floriferous dark reds. 2.5" pots 3-4 Is Seedlings
\$25



Ice Princess 'Cherry Run' – (pearcei x Saint Ouen)
Closely held hybrid that is all charm. 1 available 3.5" pot NBS Division \$45; 4.5" pot BS Division \$65



Inca Embers 'Benner Springs'
(Andean Fire x longifolium) – Reliably easy to grow and bloom. 1 available. 6" pots BS Divisions \$65



Jason Fischer (4N) 'Benner Springs' (Mem Dick Clements (4N) x besseae (4N) – From Eric Young Orchid Foundation 3.5" pot NBS Division \$65

Jason Fischer x lindleyanum - 1 available. Nice red. 4.5" BS Division \$35



Jersey (besseae x d'alessandroi) –

1 available. 3.5" pot, BS Division. \$35



WSO 4852 La Houquette 'Kelly Creek' AM/AOS x Sunset Glow (4N) 'Kelly Creek' HCC/AOS – Move over Jason Fischer. These Eric Young progeny should light it up with large dark red flowers with fine form. La Houquette really makes the red of its hybrids pop! Limited. 2.5" pots 3-4" Is Seedlings \$35



WSO 4798 lindleyanum 'Kelly Creek'

HCC/AOS x kovachii 'Splendid' - Beautiful species from Brazil and Guiana produces many flowers over time on branching inflorescences, crossed with a bodacious kovachii. 'Kelly Creek' received a 78 point HCC/AOS in December, 2013. These will have large pink/purple blooms on tall-branched inflorescences on medium-large plants. Easy! Fast-growing. 2.5" pots 3-4" Is Seedlings \$30 each; 3.5-4.5" pots 7-10" Is Seedlings \$40; 6" pots NBS Seedlings \$50



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Long Lake 'Bohemian Valley Creek' (Hanne Popow x czerwiakowianum) – Really a surprise hybrid and one of Bill's favorites. Medium size plant with slender upright leaves. This cultivar always brings praise and should be awarded in the not too distant future. 6" pot BS Division \$75

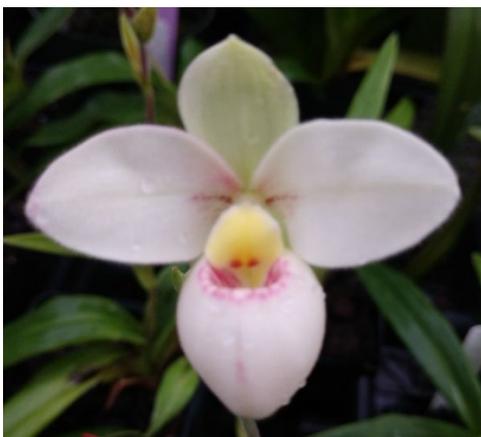


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Lynn Evans-Goldner 'Joan' HCC/AOS (schlimii x Barbara LeAnn) – When a breeder names a cross after his wife, it better be great! From the original grex that started our miniature lines of breeding! Delightful and a great breeder. First release. 2 available. 6" pot BS Division \$175



Magdelene Rose (4N) 'Davidson River' (Eric Young [4N] 'Rocket Fire' AM/AOS x Beauport [4N] 'Rose Rocket') – A real find. Rich red flowers on a compact-medium plant that is easy to grow and bloom. 3.5" pots BS Divisions \$35; 4.5-6" pots BS Divisions \$45



manzurii x Hanne Popow 'White' – Excellent Chuck Acker hybrid that is a stepping-stone for porcelain white Phrags. Branching stems? 2.5" pots 4-5" Is Seedlings \$50



WSO 5527 Manzur la

Aldea flavum 'Hutchins Pond' x lindleyanum 'Spring Creek' HCC/AOS – These could be really interesting! Here we are looking for medium sized pale-yellow to white flowers with pink and red highlights, branched inflorescences, and compact plants. Good growers. 2.5" pot 3-4" LS Seedlings \$25 each; 3.5" pots \$30



WSO 5340 Manzur la

Aldea flavum 'Ghost Report' (paler than image shown) x Castle Rock Creek 'Unexpected' AD/AOS – An excellent possibility for white flowers. Few to be released. Good growers. 2.5" pot 3-4" LS Seedlings \$45

Maria Glanz (besseae x wallisi) - Exciting long-petal red hybrid. 1 available. 3.5" pot BS Division \$35



Memoria Dick Clements (4N) 'Black Canyon'

AM/AOS (besseae x sargentianum) – First release of the best MDC we have seen. Recently awarded, huge flowers, good grower. 4.5" pot NBS Division \$200 (should be more...)



Memoria Dick Clements 'Candor Red Viper'

AM/AOS (besseae x sargentianum) – Love this cultivar (see 5531 below). Medium size flowers with great color. Compact grower throws multiple spikes with ease. \$55; 4.5" pot BS Division \$75

Memoria Dick Clements 'Crimson Glow' HCC/AOS (besseae x sargentianum)- 3.5-4.5" pot BS Division \$75; 6" pot BS Division \$85

Memoria Dick Clements 'Hanover' (besseae x sargentianum) - 3.5" pot NBS Division \$45; 4.5" pot BS Division \$55



Memoria Dick Clements 'Spring Creek' (besseae x sargentianum) - 6" pot BS Division \$75



WSO 5531 Memoria Dick Clements 'Candor Red Viper' AM/AOS x klotzschianum 'Weitas Creek' – Prolific floriferous compact-growing red 'CRV' crossed with the miniature species klotzschianum. Looking for miniature floriferous dark reds. 2.5" pots 3-4 Is Seedlings \$25; 3.5" pot 6" Is Seedlings \$30



Memoria Mariza Rolondo (Hanne Popow x kovachii) - 4.5" pot BS Division \$75



Mountain Maid flavum 'Hat Creek' (besseae flavum x hirtzii) – Nice contrasting pouch against a vibrant yellow flower. Floriferous. 3.5-4.5" pots BS Divisions \$45



WSO 5244 Noirmont (3N) (longifolium 'Woodstream' AM/AOS x Memoria Dick Clements (4N) 'Black Canyon' AM/AOS) – Wow! Remake of this popular cross with superior parents. 3.5" pots 5-7" LS Seedlings \$35



Olaf Gruss flavum (pearcei x besseae flavum) – Compact-growing plants with charming pale-yellow flowers. 3.5” pots BS Seedlings \$35



WSO 5241 Panther Run (Cape May County flavum 'Sunset Glacier' x Pink Panther 'TOP' AM/AOS) – Remake of a beautiful cross with full pink flowers with large contrasting darker pouch from the pollen parent. Medium-sized plants. 2.5” pots 3-4” LS Seedlings \$25; 3.5” pots 4-6” Is Seedlings \$35



Peruflora Cirila Alca (d'alessandroi x kovachii) - Large flowers! 3.5” pot 5-6” Is Seedling \$50



WSO 5632

Peruflora's Cirila Alca 'North Fork' x Sorcerer's Apprentice (4N) 'Trinity' AM/AOS,RHS – Massive pink flowers with darker petals on highly branched towering inflorescences. Commanding presence. 2.5" pots 3-4" Is Seedlings \$25



Peruflora's Saltimbanco (czerwiakowianum x kovachii) – Large flowers! 3.5" pot 5-6" Is Seedling \$50



Petit Port 'Shoshone River' (Hanne Popow x schlimii) – Nice cultivar from the Eric Young Orchid Foundation. 3.5" pot BS Division \$50



WSO 4982 Petit Queillette (besseae 'Penns Creek' AM/AOS x andrettae 'Penns Creek' CHM/AOS) – Remake of a beautiful Eric Young Foundation hybrid. 2.5" pot 4-5" ls Seedlings \$25; 3.5" BS pot \$35



WSO

5359 Plemont (Hanne Popow 'Pretty in Pink' HCC/AOS x d'alessandoi 'Weitas Creek') – Eye-popping color! Medium-sized plants. 5 available 2.5" pot 4" LS Seedlings \$25; 3.5" pot BS Seedlings \$35



Prime Time 'Poe Valley' (Saint's Apprentice x Hanne Popow) – Lovely hybrid that is easy to grow and bloom. 3.5" pot \$45



Raquette Lake (Saint Peter x besseae) –
Excellent hybrid that is 3/5 besseae2/5 longifolium. 6" pot BS Division \$55



WSO 5213 Raystown
Branch (provisional) (Coral Jewel 'Benner Springs' HCC/AOS x Spot On 'Kelly Creek' HCC/AOS) – Looking
for lovely graceful medium-size flowers on compact plants. Very fast growing! 2.5" pots 3-5" Is Seedlings
\$25; 3.5" pots \$35



Saint Ouen 'Black Canyon' (Hanne Popow x besseae) –
Our best Saint Ouen. Great grower. 1 available 4.5" pot BS Division \$75; 1 available 6" pot BS Division
\$100



WSO 5633 Saint Ouen

flavum (Hanne Popow flavum 'Sterrettania' HCC/AOS x besseae flavum 'Broadwaters' AM/AOS – Hard to imagine a better yellow form of the famous Saint Ouen. Uses the highest awarded besseae flavum and an outstanding Hanne Popow from the Eric Young Foundation with a branched inflorescence. We are keeping a bunch of these! Very fast-growing! 2.5" pots 3-4" Is Seedlings \$30



Saint Ouen 'TOP Yellow' (Hanne Popow flavum x besseae flavum) – Vigorous and floriferous and a great breeder. 3.5" pot NBS Division \$100; 4.5-6" pot BS Division \$125



WSO 5373

Saint Ouen flavum 'TOP Yellow' x Colombianum 'Manzur' – Colombianum is schlimii x manzurii. Here we are looking for medium sized pale-yellow to white flowers with pink highlights on compact plants. Branched inflorescences are possible. 2" pot 3-4" Is Seedlings \$25; 3.5" pot \$35



Saint's Apprentice 'Carmine Bouquet'

AM/AOS (Saint Ouen x Sorcerer's Apprentice) – The parent of Sue Omeis (Saint's Apprentice x Lynn Evans-Goldner) which has produced two FCC/AOS (so far) – Closely held. 3.5" pot NBS Division \$150



Sargent Eric 'Woodstream' AM/AOS (Eric Young x sargentianum) – Darn nice hybrid that is easy to grow and bloom. 3.5" pot Division. \$50



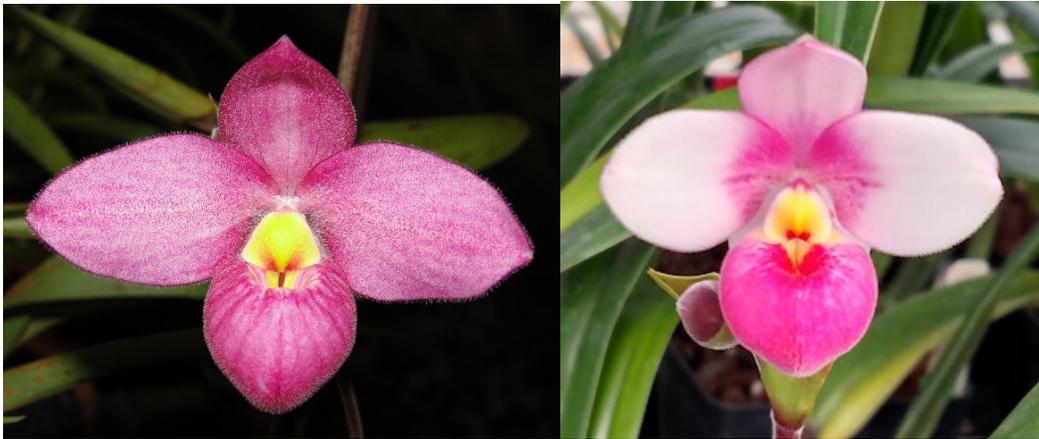
WSO 5072 Saint Rich (richter 'Woodstream' x Saint Ouen 'Ice Queen' JC/AOS) – Good potential for white flowers based on previous results. 5 available 2.5" pot 3-4" LS Seedlings \$35; 3.5" pot \$45



Gulch (Satisfaction x besseae) 3.5-4.5" pot BS Division \$40; 6" pot \$45 Stephens



Slough Creek 'Poe Paddy' HCC, AD/AOS (Gordon Creek [Saint's Apprentice x Cleola] x Pink Panther) – Striking unique hybrid that received an Award of Distinction from AOS for the size and openness of its pouch relative to other Phragmipedium-type hybrids. 2 available 6" pot \$125



WSO 5214 Spot On (Lynn Evans-Goldner 'Beaver Dam Creek' (image from Rob Griesbach) x Pink Panther 'TOP' AM/AOS) – Great potential remake of one of our signature crosses. Do not miss these. 2.5" pots 3-4" Is Seedlings \$30; 3.5" pots NBS Seedlings \$40

Spot On 'Bohemian Valley Creek' (Lynn Evans-Goldner x Pink Panther) – Contrasting two-tone flowers on a miniature plant. 3.5" pot BS Division \$45



Spot On 'Kelly Creek' HCC/AOS (Lynn Evans-Goldner x Pink Panther 'TOP' AM/AOS) – A lovely vigorous miniature cultivar that breeds well. 3.5" pot \$75; 4.5-6" pots BS Divisions \$125



© David Lambert Images.com Spot On 'Weitas Creek' (Lynn Evans-Goldner x Pink Panther 'TOP' AM/AOS) – A lovely vigorous miniature cultivar that breeds well. First release. 3.5-4.5" pots BS Division \$100



WSO 5618 Spot On 'Kelly Creek' HCC/AOS x besseae flavum 'Broadwaters' AM/AOS – Two-tone flowers with

pink and white or yellow and pink contrasts. Good form and compact growth habit. We are really excited about these! 2.5" pots 3-4" ls Seedlings \$25



Strawberry Shuffle (Strawberry Rush x Cleola) –
From Tony's collection. Medium size plant with pink flowers 6" pot BS Division \$35



Sue Omeis 'Black Canyon' FCC/AOS
(Saint's Apprentice 'Carmine Bouquet' AM/AOS x Lynn Evans-Goldner 'Full Circle' HCC/AOS) – Wonderful original WSO hybrid with medium-large rose-purple colored-blooms and branching stems. Awarded January, 2019. First release. 2 available 6" pot BS Division \$750.00



Sue Omeis 'Penns Creek' (Saint's Apprentice 'Carmine Bouquet' AM/AOS x Lynn Evans-Goldner 'Full Circle' HCC/AOS) – Wonderful original WSO hybrid with medium-large rose colored-blooms and branching stems. - 1 available 6" pot Division \$200

Sue Omeis 'Poe Valley' (Saint's Apprentice 'Carmine Bouquet' AM/AOS x Lynn Evans-Goldner 'Full Circle' HCC/AOS) - 6" pot \$75



Sue Omeis 'Pride of Mingoville' FCC, CCM/AOS (Saint's Apprentice 'Carmine Bouquet' AM/AOS x Lynn Evans-Goldner 'Full Circle' HCC/AOS) – Wonderful original WSO hybrid with medium-large deep rose-purple colored-blooms and branching stems. POM is stunning. Best Phrag in Show at SEPOS in 2017. Received its FCC and a CCM at the 2018 Asheville show with seven spikes! 1 available 6" pot, BS Division \$800.



WSO 5684 Sunset Glow (4N)

('Weitas Creek' x 'Kelly Creek' HCC/AOS) - 2.5" pot \$25; 3.5" pot \$35; 6" pot \$50



Sunset Glow (4N) 'Kelly Creek'

HCC/AOS Creek' (Mem. Dick Clements 'Jersey' FCC/RHS [4N] x Eric Young 'Jersey' FCC/RHS [4N]) – Our best Sunset Glow (4N). Hard to beat! 6" pot BS Division \$150.



WSO 4815 Susan Kulhavi (Saint Ouen 'Ice Queen' JC/AOS x andrettae 'Ghostly') – This is the first andrettae hybrid we have bloomed and we are very pleased. With the pure white 'Ice Queen' as a parent this could be a stepping stone to produce white Phragmipediums. Some have been near-white, while others have a smooth peach-colored tone. Compact plants. Floriferous. Limited. 2.5" pots 3-4" Is Seedlings \$25; 3.5-4.5" pot NBS Seedlings \$35



© David Lambert Images.com Swift Run (Boulder River synonym) 'Little Alaska' (hartwegii baderi x Spot On) – Remarkable floriferous compact hybrid with pink-purple and white flowers. 4.5" Pot BS Division \$50; 6" pot BS Division \$65



WSO 5186/5188 Therese Faust (4N) (Sorcerer's Apprentice (4N) 'Trinity' AM/AOS, RHS x Sunset Glow (4N) 'Kelly Creek' HCC/AOS) – Show stopping monster red flowers on large plants with branched inflorescences. 2.5" pot 3-4" ls Seedlings \$25; 3.5" pots



WSO 5535 West Fork (Waunakee Doll 'Plum Fancy' HCC/AOS x Spot On 'Kelly Creek' HCC/AOS) – Color, color, color on compact plants. 3.5" pots 4-6" ls Seedlings \$35



West Pecos 'Standing Stone' (schlimii x Petit Port)

– Really nice hybrid that is $\frac{3}{4}$ schlimii and $\frac{1}{4}$ besseae. 1 available, 3.5" pts BS Division \$45



Wossner Rosenglanz (caricinum x

kovachii) – Another unique kovachii hybrid. 2 available 4.5" pots BS Division \$55; 6" pot \$65

LONG-PETALED MULTIFLORA POTENTIAL HYBRIDS

Among the most popular of all Phragmipediums, the long-petal multiflora hybrids derived from *Phragmipedium caudatum*, *wallisii*, *warscewiczianum* (*humboldtii*) and *exstaminodium* are easy to grow and bloom. The spectacular multiflora (3-4 flowers open at once on an inflorescence) make them terrific show plants. While *Phragmipedium Grande* is still ever-popular, there are many variations on the theme. Woodstream Orchids has been exploring new genetic combinations to bring you new looks, new colors, and compact growth habits. The future remains exciting for this wonderful group of *Phragmipediums*!



Alboburpureum 'Barbara' AM/AOS (Dominianum x schlimii) – More than 100 years old. Still a lovely hybrid. 6" pot BS Division \$65

Geralda (lindleyanum x caudatum) – A remake by the Orchid Zone. Beautiful multiflora amber and red hybrid. 6" Pot BS Divisions \$50



Geralda 'Orchidheights' AM/AOS (lindleyanum x caudatum) – From a remake by the Orchid Zone. Beautiful multiflora amber and red hybrid. This cultivar is a spectacular show plant and a great grower. 1 available 3.5" pot \$65; 2 available 4.5" pot NBS Division \$75; 2 available 6" Pot BS Divisions \$125



WSO

5180 Grande (longifolium 'Woodstream' AM/AOS x caudatum 'Gigantea') – These will be lovely long-petaled multifloras on medium-sized plants. Potential for very long petals. 2.5" pot \$15; 3.5" pot \$20; 4.5" pot \$25

Grande (caudatum x longifolium) - From the Krull-Smith collection. 7" pot BS Division \$50



© David Lambert Images.com Grande 'Crystelle' HCC/AOS (caudatum x longifolium) – From the Krull-Smith/JOE collection. 4 available. 6" pot BS Division \$70

Grande 'Glenn's Pride' AM/AOS (caudatum x longifolium) – 3.5" pot Division \$50



Grande 'Macrochilum' AM/AOS (longifolium x caudatum) – This image shows what this cultivar is capable, earning a Certificate of Cultural Excellence. 2 available 4.5" pot BS Divisions \$65



Lyons Bridge 'Patuxent River' (Wossner

Supergrande x Grande) - 6" pot BS Division \$65



WSO 5156 Macrochilum

(longifolium 'Woodstream' AM/AOS x lindenii 'Penns Creek') – These will be lovely long-petaled multifloras on medium-sized plants. each. 2.5" pot 3-4" ls Seedlings \$15; 3.5" pot 6" ls Seedlings \$25



pots \$25; 2 available. 3.5" pots \$35

(Mont Fallu x caudatum) 3 available 2.5"



WSO 1417 Shizuko Kawatsura (Grande 'Acker's Vista' AM/AOS x ecuadorensis 'Birchwood' HCC/AOS) - 2 available. 3.5" pots \$25



Wossner Supergrande (*humboldtii* x *longifolium*) – Excellent dark hybrid. 2 available 6" pot BS Division \$50

PINK AND OTHER NOVELTY HYBRIDS

Back at the turn of the last century (early 1900's), these were the Phragmipediums of the day. A number have stood the test of time. You will find these here, along with a new series of unique hybrids that are becoming among the most prized Phrags. However, along with the tried and true are new hybrids, some using more recently discovered species like *Phragmipedium fischeri*.



Calurum 'Royale Suite' (Sedenii x longifolium) A classic hybrid with very large flowers and branched inflorescence. 1 available BS Division 6" pot \$45

Cardinale 'Birchwood' AM/AOS (Sedenii x schlimii) - Grows into terrific specimen plants with branching stems and pink flowers. Everyone should have this classic hybrid! 1 available. 6" pot BS Division \$65



Cardinale 'Wilcox' AM/AOS (Sedenii x schlimii) - Grows into terrific specimen plants with branching stems and pink flowers. Everyone should have this classic hybrid! 1 available. 4.5" pot NBS Division \$50



WSO 5257 Coral Jewel ('Benner Springs' HCC/AOS x self) 2.5" pot 3-4" Is Seedlings \$20; 3.5" pot 6" Is Seedlings \$25



Coral Jewel 'Benner Springs' HCC/AOS (schlimii x sargentianum) – 3.5" Pot NBS Division \$50; 6" Pot BS Division \$100



Dennis Kleinbach 'Castle Rock Creek' (longifolium x czerwiakowianum) – Large flowers, tall stems. 2 available. 6" pots NBS Divisions \$45



Hat Creek 'Benner Springs' (hartwegii var. baderi x fischeri) – We can't keep these in stock! Compact to medium size plants. 6" pot BS Division \$75



Hat Creek 'Lassen' AM/AOS (hartwegii var. baderi x fischeri) – Will sell quickly! Strong growers. And lovely. 4.5" pot BS Division \$100; 6" pot BS Division \$125



Pastel Echo 'Cherry Run' HCC/AOS
(Cardinale x Cleola) – One of Tony's plants. Awarded January, 2019. 2 available. 3.5" pot BS Division \$45



WSO 4145/4159 Pink Panther (schlimii x fischeri) - Miniature plants with delightful two-tone pink and white flowers with very dark red-pink pouches. One of our favorites! Some in spike. 3.5" pots BS Seedlings \$35



Pink Panther 'TOP' AM/AOS (schlimii x fischeri) – Fabulooous ccultivar that will knock your socks off! Miniature growth habit, vigorous and floriferous. Great parent. First release. 2 available. 3.5" pots BS Divisions \$100



Polar Shift 'Ghostwriter' AM, AD/AOS (pearcei x Silver Eagle) – Astonishing hybrid that may be a primary bridge to white Phrags. (hello... it is a white Phrag). 2 available 4.5-6" pot Division \$500.00



Professor Braem (*longifolium* var. *album* x *manzurii*) is a delightful small-growing species with the potential to contribute to breeding pale and possibly white Phrags. Crossed with the *alba* form of *longifolium*, this could come to fruition soon. Thanks to Chuck Acker for the *longifolium* image. Few to be released. 3.5" pots NBS Seedlings \$25; 4.5" pots BS Seedlings \$30



richteri x *lindleyanum* – Amber flowers with twisted petals on branched inflorescences. 3.5-6" pots BS Divisions \$25



Sedenii (*longifolium* x *schlimii*) – Classic hybrid from the 19th century. One of our favorites. Beautiful. 2 available 4.5" pot BS Division \$25;



Sedenii 'Candidulum' HCC/AOS (*longifolium* x *schlimii* album) – One of our favorites. Beautiful. 1 available 2.5" pot \$25; 2 available 3.5" pot NBS Division \$45; 4.5" pots 3 available BS Divisions \$55; 2 available 6" pot BS Divisions \$65



WSO 5190 Sorcerer's Apprentice (4N) ('Trinity' AM/AOS, RHS x self) – The first make of this selfing sold out in days! Large flowers on tall branched inflorescences. This is a commanding hybrid, sure to be the star of any orchid exhibit. 3.5" pot 5-6" ls Seedlings \$30



Sorcerer's Apprentice 'Candor Redrum' AM/AOS (sargentianum x longifolium) – Great grower and stellar cultivar. 6" pot NBS Division \$65



Summer Fire 'Hutchins Pond' HCC/AOS (sargentianum x klotzscheanum) – Impressive hybrid with tall branching stems. 6" pot BS Division \$100



Summer Fire 'Poe Paddy' (sargentianum x klotzscheanum 3.5" pot 1 growth division \$45



Summer Fire 'Spring Creek' AM/AOS (*sargentianum* x *klotzscheanum*) – Impressive hybrid with tall branching stems. Great show plant! 3.5" pot \$75: 4.5" pot NBS Division \$125



Vampire Slayer (*sargentianum* x *caricinum*) – Really cool!
Branching inflorescences. 1 available. 6" pot BS Divisions \$65



Wossen (schlimii x richteri) – Sweet compact grower with charming pink flowers. 3.5" pots BS Divisions \$35

MINIATURE AND COMPACT-GROWING PHRAGMIPEDIUMS

We got it! When we exhibited the first plants of Phragmipedium Lynn Evans-Goldner (Barbara LeAnn x schlimii) fourteen years ago the American Orchid Society judges were enthralled. Here were the smallest flowers they had ever seen on Phrags brought for consideration for flower quality awards, but the plants were proportionally small. Charming! The results have been several awards to this grex and the beginning of a new line of breeding. More of our Mini-Phrags have received AOS awards, including Bullseye 'Casselman River' HCC/AOS and Spot On 'Rose Revolution' AM/AOS. 'Rose Revolution' is unbelievable, bringing wonderful form and a unique rose/purple coloration on a plant with a 6 inch leaf span! Other awards have followed as our customers have shown their plants. Below we offer a selection of miniature and compact-growing Phragmipedium species and hybrids for space conscious Phrag enthusiasts!

Catalog Code: ls = leaf span.

besseae-influenced Hybrids



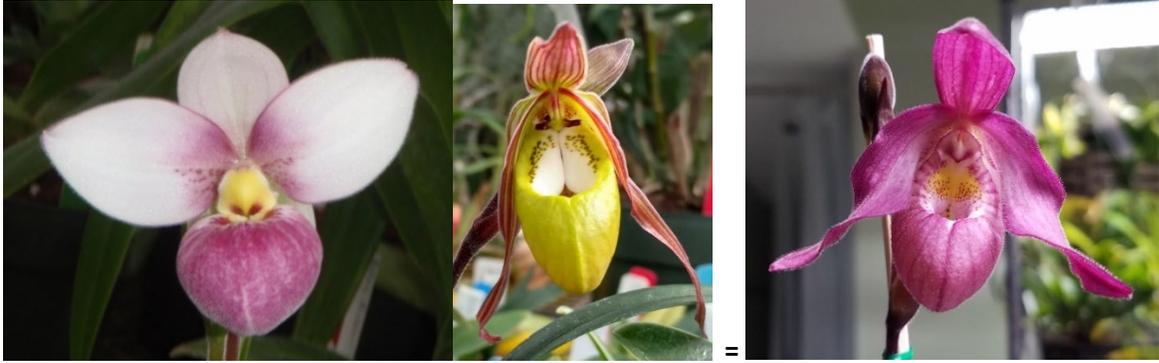
WSO 4603 Anthony Omeis (Spot On 'Rose Revolution' AM/AOS x Pink Panther 'Tony') (Image: Jason Gebbia) - A dream cross for miniature/compact plants with lovely two tone pink/white flowers very dark red-pink pouches. One was just awarded an AM/AOS at the end of January 2019 at the Paph Forum. Should look like miniature Jason Fischers!! Some in spike. 2.5" pots 4-5" ls seedlings \$30; 3.5-4.5" pot BS Seedlings \$40



Anthony Omeis 'Shoshone River' AM/AOS (Spot On x Pink Panther) – Spectacular compact hybrid. The first to be awarded from this grex. 4.5" pot BS Division \$100



WSO 5181 Cherry Run (Spot On 'Weitas Creek' x Lynn Evans-Goldner 'Joan' HCC/AOS) – Sure to be a favorite small-growing hybrid. Few to be released. 2.5" pots 3-4" Is Seedlings \$25; 3.5" pot NBS Seedlings \$35



WSO

5000 Darlene Thompson (Spot On 'Kelly Creek' HCC/AOS x klotzscheanum) - Miniature/compact plants with delightful yellow-salmon flowers with very dark red-pink pouches. Sure to be one of our favorites! Strong growers. 2.5" pot 4-5" ls Seedlings \$20; 3.5-4.5" pots, BS seedlings \$35



3.5" pot BS Division \$35

Little Deschutes (Lynn Evans-Goldner x Bullseye) -



Goldner x Bullseye) 3.5" pot BS Division \$50

Little Deschutes 'Love's Pool' (Lynn Evans-



WSO 4179 Rockland Lake (Petit Port 'Pink Ice' x longifolium var. gracile 'Florida') - Miniature plants with pink flowers with red-highlighted petals. Branching inflorescences. Limited. 3.5" pot NBS Seedlings \$30; 4.5" pot \$35



WSO 4844 Spot On (Pink Panther 'Weitas Creek' x Lynn Evans-Goldner 'Beaver Dam Creek') – Remake of one of our most famous miniature hybrids. Expect a range from solid deep red-pink to two tone pink and white. 5 available. One of our favorites! 2.5" pots 3-4' LS Seedlings \$30; 3.5"BS Seedlings \$40



Vanish (Teisha Omeis x Pink Panther) – 3.5" pots \$25

Pink and Other Novelty Miniature and Compact Phragmipedium Hybrids



WSO 4949 Asendorf Rose (Pink Panther 'TOP AM/AOS x fischeri 'Joan' AM/AOS) (Image: Jason Gebbia)– Backcross to produce gorgeous dark pink or two-tone

miniatures. Do not miss these. One just received an AM/AOS. Strong-growing seedlings. 2.5" pots 3-4" LS Seedlings \$35 each; 3.5" pots BS Seedlings \$40



Colombianum (manzurii x schlimii) – Totally cute. Compact growing. Branched inflorescences. 10 available 3.5" pot BS Seedling \$35; 4.5" pot BS Division \$45



WSO 4145/4159 Pink Panther (schlimii x fischeri) - Miniature plants with delightful two-tone pink and white flowers with very dark red-pink pouches. One of our favorites! Some in spike. 2.5" pots \$25; 3.5-4.5" pots BS Seedlings \$35

HOW TO ORDER

- This list supersedes all previous lists.
- Minimum domestic mail order \$50 (Hawaii \$200)
- GIFT CERTIFICATES AVAILABLE, PLEASE INQUIRE!

Discounts for Woodstream Orchids Paph and Phrag plants and flasks:

\$ 50 - 200:	No discount
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\$ 501 -1500:	10% discount
\$ 1501 -?:	15% discount

IF YOU ARE AN ACTIVE MEMBER OF THE AMERICAN ORCHID SOCIETY (AOS) or ORCHID DIGEST WE WILL GIVE YOU AN ADDITIONAL 5% DISCOUNT. PLEASE PROVIDE US WITH YOUR MEMBERSHIP NUMBER SO WE MAY VERIFY YOUR MEMBERSHIP STATUS. IF YOU WOULD LIKE TO BECOME AN AOS MEMBER YOU MAY BECOME ONE ON-LINE AT: WWW.AOS.ORG

Every order over \$100 will receive a bonus plant/seedling (our choice).

Prices may change without notice. Payment must be made before order is shipped.

- Remember... "If it is not in our e-mail, it does not exist!" While this statement is not wholly true, e-mail is the best way to communicate with us, and it creates both an electronic and paper trail. We receive orders frequently and at busy times and during the show season, they can accumulate quickly. During these times, we do check our e-mail and it is easier for us to respond, then by phone. If you wish to call us, we recommend calling Friday to Sunday during normal nursery hours. Due to high volumes of unsolicited robo-calls (~ 10-20 per day), our answering machine fills up quickly. Our apologies.
- New Ordering Information - To place an order please send us an e-mail with the plants listed you wish to order. We will confirm availability via return we-mail and at that point will request shipping address and payment information. Credit card orders will be taken over the phone.
We will be glad to call you to get your credit card information.
- First come, first served. We strongly recommend making a reservation, well in advance, to prevent disappointment. As availability of some crosses or species may be limited, we welcome all inquiries concerning availability. Often there are more seedlings or flasks of sold-out items "on the way".

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- After your order has been confirmed and "picked", we will e-mail an order confirmation to you. Please include your e-mail address in any correspondence. WE ACCEPT CREDIT AND DEBIT CARDS (VISA, MASTERCARD, AMERICAN EXPRESS AND DISCOVER) and continue to accept checks or money

orders, made payable to "Woodstream Orchids". **You may call Bill's cell phone: 410-610-6697 to provide credit card information.** PLEASE PROVIDE DESIRED SHIP-TO ADDRESS.

- Maryland residents please include 6% sales tax.

- NO FOREIGN PLANT ORDERS AT THIS TIME! FLASKS ONLY

- As soon as possible, after receiving payment, we will pack and ship your order. Orders will be shipped in the order they are received, weather-permitting. We try to avoid shipping during periods of extreme hot and cold (either in your area or ours). There may be a significant delay during the busy show seasons (March - June, October - November).

- Plants may be shipped bare root or in pot. We recommend that plants be removed from flasks and shipped in insulated protective packing (domestic sales only). We will ship plants in flask but plants may experience some jumbling in transit.

- For domestic shipping via US Priority Mail, please include \$15 for orders under \$100 to be shipped to the eastern US and \$20 for orders shipped to the west coast. Due to increases in postal rates, we have had to increase our shipping fees. Especially heavy shipments of flasks or plants in pot or large boxes (that are charged a balloon rate) will be billed at cost.

- We guarantee safe shipping. From December 15 until March 15, only if Express Mail Service or FedEx Standard Overnight Shipping is used. These charges range from \$24-50, or more, depending on weight and box dimensions.

- Plants may be returned within 5 working days if not satisfied.