

Woodstream Orchids
Winter 2018-2019, Updated December 11, 2018
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 15 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.

A few years ago, our lab manager, Tony Omeis, retired from his career as a horticulturalist at Penn State University and decided to downsize his personal Phrag collection to focus on continued miniature Phrag breeding (and incredible woodworking). We were able to purchase a large block of Tony's "pet" Phrags and were thrilled to discover many hybrids we have made over the past 25 years that were no longer in our collection. Check out the Phrag offerings here and you will find a number of one-of-a-kind divisions from this unique collection, pieces of which are now back in service in our breeding program to combine with our new lines of breeding, including miniatures, yellows, and whites, and many new kovachii hybrids.

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 guarantee you have never seen a Phragmipedium offering list like this! 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 goats

PHRAGMIPEDIUM SPECIES

caudatum – (Peru) Amazing long-petaled species! 4.5” pot BS Division \$45



caudatum gigantea ‘Cherry Run’ - (Ecuador) Amazing long-petaled species. 3.5” pot Division \$40



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 4-5” Is Seedlings \$40



Paphiopedilum 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 *Paphiopedilum longifolium* ('Woodstream' AM/AOS x self) – (Ecuador) Selfing of our superb Ecuadorian clone. 2.5" pot, 3-4" Is Seedling, \$15; 4.5" pot, BS Seedlings \$35



longifolium 'Woodstream' AM/AOS - Division of our superb Ecuadorian clone. One of the two best longifoliums we know of, and the only one that throws a branched inflorescence. 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. 3 available 3.5" pot Division \$55; 2 available. 4.5" pot BS Division \$75; 6" pot BS Division \$85



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" ls Seedling, \$15; 3.5" pot \$35; 6" pot \$45



richteri 'Woodstream' 4.5" pot BS Division \$75



WSO 5338 sargentianum ('Summit' 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" ls 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



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. 1 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, *Phragmipedium besseae* has been used extensively in hybridization, resulting in many of the most popular Phrags on the market today. Also, *Phragmipedium 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.



WSO 4740 Andean Fire (*lindleyanum* 'Kelly Creek' HCC/AOS x *besseae*) - Remake of a classic solid red parent using superior parents. Looking for dark red flowers on branching stems. These can be spectacular. Easy to grow. 2.5" pot 3-4" LS Seedlings \$25



WSO 4686 Bald Eagle Creek x Saint's Apprentice 'Carmine Bouquet' AM/AOS (Pictured) – Beautiful compact growing solid reds. Limited. 2.5" pots 3-4" LS Seedlings \$25; 3.5" pot 5-6" LS Seedlings \$35



WSO 5199 Bel Royal (4N) (Mem. Dick Clements (4N) 'Black Canyon' 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. 2.5"- 3.5" Pots 3-6" LS Seedlings \$25; 3.5" pot 5-6" LS Seedlings \$30



WSO 4697 Burnt Tree (Pastel Echo x Mingoville Morn) – Compact strong-growing plants. 10 available 2.5" pot 3-4" ls Seedlings \$15; 3.5- 4.5" pots BS Seedlings \$30

Cape Bonanza (pearcei x Hanne Popow flavum) – 4 available. 3.5" pots NBS Seedlings \$35



WSO 5228 Cape May County flavum ('Shy Pastel' x 'Sunset Glacier') – "Sunset glacier is on the left and Jason Gebbia bloomed the first of this cross (right). Expecting white to pink to pure yellow flowers on branching stems. Very compact plants. Few to be released. 2.5" pots 3-4" Is Seedlings \$35; 3.5" pots 5-6" Is Seedlings \$50



Caroline Miller Ott 'Caroline's HCC/AOS (vittatum x Eric Young) – Terrific hybrid using the rare vittatum. Really worthwhile. 6" pot BS Division \$85



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



WSO 5213 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



WSO 5000 Darlene Thompson

(provisional) (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" Is Seedlings \$25; 3.5" pots, BS seedlings \$35



Don Wimber (4N) (besseae [4N] x Eric Young [4N]) - Spectacular Potential from this Chuck Acker grex. We are keeping most of these to bloom out. 2 available. 3.5" pots 4-6" Is Seedlings \$45



Don Wimber 'Red' (Eric Young x besseae) – Weird color form from the KS/JOE collection. 4.5" pot BS Division 2 available \$45; 6" pot BS Division \$65



Eumelia Arias (schlimii x kovachii) - Dusty rose-purple flowers with good form on floriferous plants. These are from the Eric Young Orchid Foundation breeding. 1 available 3.5" pot; \$40; 1 available 4.5" pot BS Division \$50



Frank Smith (Grande 'Frank Smith' x kovachii)

– Stupendous Phrag with show-stopping potential! Huge flowers. 2.5", 4-5" ls seedlings, 4 available \$35; 3.5" pots, 8-12" ls Seedling 10 available \$55; 4.5-5" pot NBS-BS Seedling 10 available \$75; 6" pots BS Seedlings 10 available \$100 Larger plants shipped bare root.



Glen Decker 'Patuxent River'

(Jason Fischer x kovachii) – 1 available 4.5" pot BS Division \$100



Grouville (4N) (Eric Young [4N] x

Hanne Popow [4N]) – One of Bill's favorite hybrids. This tetraploid grex is from Chuck Acker. We are keeping most of these. 2 available. 3.5" pots 4-6" Is Seedlings \$45



Grouville (4N) 'Pizzazz' (Eric Young [4N] x Hanne Popow [4N]) – One of Bill's favorite hybrids. This tetraploid grex is from Chuck Acker. We are keeping most of these. 6" pot BS Division \$85



WSO 4856 Hanne Popow ('North Fork' x 'Pretty in Pink' HCC/AOS) – Sib cross of two highly branched and colorful cultivars. 2.5" pots 3-4" Is Seedlings \$25



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 \$75 each; 1 available. 6" pot BS Divisions \$85



WSO 5209 Hanne Popow flavum ('Sterrettania' HCC /AOS x 'Hamlye') – Outstanding parents from the Eric Young Orchid Foundation. Fast Growing! 2 available, 2.5" pot 3-4" LS Seedlings \$25



Horse Heaven 'Poe Valley' (Wild Horse Valley x Hat Creek) - Wild Horse Valley is Petit Port x Barbara LeAnn, and Hat Creek is hartwegii baderi x fischeri. With fischeri on both sides, we are looking for small, compact-growing plants with rose-raspberry flowers. Fine cultivar! 3.5" pot 5-6" Is Seedlings \$35



© David Lambert Images.com Hot Pursuit 'On Fire' (Saint's Apprentice x Memoria Ruth Omeis) – Love it! Dark red, easy to grow and bloom. A winner! 6" pot NBS Division \$125



WSO 5253 Hot Pursuit 'On Fire' x Spot On 'Rose Revolution' AM/AOS – Dream cross for producing small/medium-size red flowers on mini/compact plants. Miniature Jason Fischers. Don't miss these. Limited. 2.5" pots 3-4" LS Seedlings \$50



Inca Embers 'Benner Springs' (Andean Fire x longifolium) – Reliably easy to grow and bloom. 2 available. 6" pots BS Divisions \$65



WSO 4479 Jason Fischer (3N) (Mem Dick Clements (4N) 'Catherine' AM/AOS x besseae 'Ozone') - Superb dark red flowers of good size on fast growing plants. Don't miss these stunning show plants! Blooming-size plants will sell for \$100+. 2.5" pots 4-5" Is Seedlings \$25; 3.5" pots \$35; 4.5-6" pots BS Seedlings \$50



Jason Fischer 'Joan' FCC/AOS (Mem Dick Clements x besseae) - 3.5" pot \$125



Jersey (besseae 'Esther Nies' AM/AOS x d'alessandroi 'Windy Hill') – Small – medium brilliant orange flowers on branching stems Easy to grow and bloom. 3 available 3.5-4.5" pots NBS-BS Divisions \$35



WSO 1805 Kathadin Sunset (Hanne Popow x ecuadorensis) – Cute small-growing hybrid full of charm. 1 available. 3.5" pot BS Divisions. \$30



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 red flowers with fine form. La Houquette really makes the red of its hybrids pop! Limited. 2.5" pots 3-4" ls Seedlings \$35 each; 3.5" pots 4-6" ls Seedlings \$45



WSO 4230 lindleyanum 'Kelly Creek' HCC/AOS x Fritz Schomberg 'Black Canyon' AM/AOS – Few to be released second generation kovachii hybrid. Great parents. 2.5" pot \$35; 1 available 3.5" pot NBS Seedlings \$50



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 blooms on tall-branched inflorescences on medium-large plants. Easy! Fast-growing. 2.5" pots 3-4" ls Seedlings \$30 each; 3.5-4.5" pots 7-10" ls Seedlings \$40; 6" pots NBS Seedlings \$50



WSO 4132 Little Deschutes (Lynn Evans-Goldner 'Full Circle' HCC/AOS x Bullseye 'Penns Creek' AM/AOS) - Looking for shapely pink flowers with rounded petals, very small plants and branching inflorescences. Some have bloomed almost white. Bullseye is Hanne Popow x Lynn Evans-Goldner. These are blooming on 4-5" leaf span! 3.5" pots BS Seedlings or Divisions \$35 each



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



Longueville 'Benner Springs' (besseae flavum x manzurii) Pink hybrid that is all charm. Compact-medium size plant. 5 available. 3.5 " pot NBS Division \$20; 4.5" pot BS Division \$30; 6" pot BS Division \$45



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. 1 available. 6" pot BS Division in spike \$350



Magdelene Rose (4N) 'Missouri River' (Eric Young (4N) x Beauport (4N)) – 4.5" pot Division \$50



Manzur la Aldea flavum (manzurii x besseae flavum) - Pink hybrid that is all charm. Compact-medium size plant. 3 available 3.5" pots \$30



manzurii x Hanne Popow 'White' – A Chuck Acker hybrid with good potential for white flowers. 5 available 2.5" pot 3-4" LS Seedlings \$35



Memoria Dick Clement 'Candor Red Viper' AM/AOS (besseae x sargentianum) 3.5" pot NBS Division \$65; 4.5" pot BS Division \$100



Memoria Dick Clement 'Spruce Creek' (besseae x sargentianum) - Big-flowered cultivar of this classic hybrid. Branched inflorescence. 6" pot BS Division \$100

Memoria Dick Clements ('Krull-Smith' x self) - 3.5" pot Seedlings \$50 each



Memoria Mariza Rolando (Hanne Popow x kovachii) – Graceful hybrid with strong color. 1 available. 4.5” pot NBS Seedling \$85



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. 2.5” pots 3-4” LS Seedlings \$25



Olaf Gruss flavum (besseae flavum x pearcei) – 1 available 5 available. 3.5" pot NBS Division \$25; 4.5" pot BS Division \$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. 10 Available. 2.5" pots 3-4" LS Seedlings \$25; 3.5" pots 4-6" Is Seedlings \$35



Peruflora's Angel (richteri x kovachii) – Large flowers on proportionally small plants. 3 available. 3.5-4.5" pot \$65; 6" pot \$75



Peruflora's Saltimbanco

(*czerwiakowianum* x *kovachii*) –Large flowers! 6" pot BS Division \$100



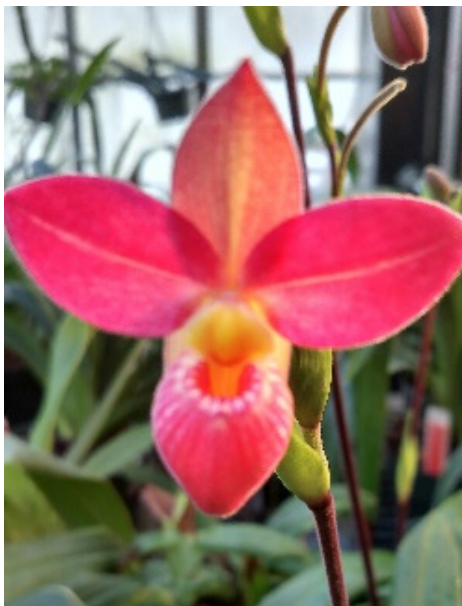
Petit Port 'Shoshone River' (Hanne

Popoew x *sclimii*) – Nice cultivar from the Eric Young Orchid Foundation. 6" pot BS Division In spike. \$65



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" NBS 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



WSO 5275 Rachel Kirk (Don Wimber 'Orange Crush' x besseae 'Mohawk') – These will ROCK!!! Few available. 2.5-3.5" pots 3-5" Is Seedlings \$35



WSO 2702 Raquette Lake (Saint Peter x besseae) -

1 available 3.5" pot Division \$35



WSO 3992 Reed Creek (Bald Eagle Creek x Pink Panther)

– Bald Eagle Creek is Saint's Apprentice x Barbara LeAnn. Two available. 3.5" pot BS Division \$45



© David Lambert Images.com 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; 5 available 3.5" pots %6" Is Seedlings \$40



Sargent Eric *'Woodstream'* AM/AOS – (Eric Young x sargentianum) – Striking cultivar that is a perennial classic. Still in demand after 25 years. 3.5" pot division \$65



Satisfaction x besseae – From Tony's collection. Satisfaction is Saint's Apprentice x Elizabeth Castle. 2 Available 3.5-4.5" pot NBS Division \$40



WSO 5188 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" pot 5-6" ls \$35



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. 3.5" pots NBS Seedlings \$40



Spot On 'Kelly Creek' HCC/AOS (Lynn Evans-Goldner x Pink Panther 'TOP' AM/AOS) – A lovely vigorous miniature cultivar that breeds well. First release. 3.5" pots BS Division \$250



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 \$150



WSO

5181 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 \$30; 3.5" pot NBS Seedlings \$40



5214 Stillhouse Hollow Run (Saint Ouen flavum 'TOP Yellow' x Pink Panther 'TOP' AM/AOS) – Found one more seedling of this exciting cross that sold out quickly. Carol Panza sent the image. 1 available 3.5" pot NBS Seedling \$40



Sue Omeis 'Black Canyon' (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. First release. 2 available 6" pot BS Division \$250, one in spike

Sue Omeis 'Castle Rock 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. – 2 available 2.5" pot 4" Is Divisions \$45; 1 available 3.5" pot Division \$100



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 '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 rose 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! 2 available 6"pot, BS Divisions \$1,000.



Creek' HCC/AOS) - 2.5" pot \$25; 3.5" pot \$35

WSO 5684 Sunset Glow (4N) ('Weitas Creek' x 'Kelly



Sunset Glow [4N] (Mem. Dick Clements 'Jersey' FCC/RHS [4N] x Eric Young 'Jersey' FCC/RHS [4N]) - As the name suggests, these will bloom out in rich sunset tones from salmon pink to raspberry to deepest red. Flowers should be large with horizontally-held petals. 2 available. 2 Available. 6" pot, BS Division \$85

Sunset Glow [4N] (Mem. Dick Clements 'Jersey' FCC/RHS



Sunset Glow [4N] 'Coon Creek' (Mem. Dick Clements 'Jersey' FCC/RHS [4N] x Eric Young 'Jersey' FCC/RHS [4N]) – Dark red cultivar that is strong growing and an excellent display plant and fertile breeder. 1 available. 4" pot, Division \$65

Sunset Glow [4N] 'Coon Creek' (Mem. Dick Clements



Sunset Glow [4N] 'Poe Creek' (Mem. Dick Clements 'Jersey' FCC/RHS [4N] x Eric Young 'Jersey' FCC/RHS [4N]) – Dark red cultivar that is strong growing and an excellent display plant. 1 available. 6" pot, NBS Division \$75



WSO

5157 Sunset Glow (4N) 'Kelly Creek' HCC/AOS x d'alessandroi – Smokin' hot red-orange flowers on medium-sized plants. Highly branched inflorescences are almost guaranteed! 2.5" pots 4-5" LS Seedlings \$25



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. Compact plants. Floriferous. Limited. 2.5" pots 3-4" Is Seedlings \$25; 3.5" pot NBS Seedlings \$35



Swift Run 'Little Alaska' (hartwegii baderi x Spot On) – Remarkable floriferous compact hybrid with small pink-purple and white flowers. 3.5" pot BS Division \$45; 4.5" pot BS Division \$55; 3 available 6" pot Blooming Size Division \$65

Swift Run 'Poe Valley' (hartwegii baderi x Spot On) – Remarkable floriferous compact hybrid with small pink-purple and white flowers. 1 available 6" pot Blooming Size Division \$65

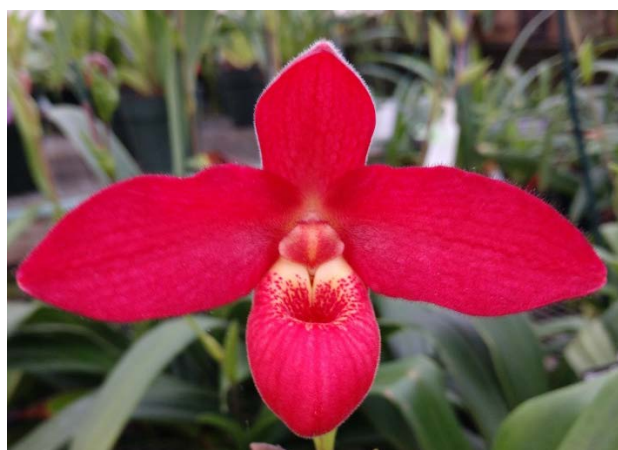


Vanish (Teisha Omeis x Pink Panther) – 2.5" pot 3-4" LS Seedling \$25; 3.5" pots \$35



WSO 5535

Waunakee Doll 'Plum Fancy' HCC/AOS x Spot On 'Kelly Creek' HCC/AOS – Color, color, color on compact plants. 3.5” pots 4-6” Is Seedlings \$35



Yelva

Myhre (Rosalie Dixler x kovachii) – Expect incredible color. 1 available 3.5” pots 4-6” LS Seedlings \$50

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!



Evy Finegan (3N) (caricinum 'Aileen' AM/AOS x caudatum gigantea [4N] – Really nice long-petal hybrid. 3.5" pot Division \$35



Fred Wright (wallisii x lindleyanum) – 2 available 3.5-4.5" pot multigrowth BS Seedling. \$45



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 3-4" Is Seedlings \$15; 3.5" pot \$20



© David Lambert Images.com Grande 'Crystelle' HCC/AOS (caudatum x longifolium) – From the Krull-Smith/JOE collection. 4 available. 6" pot 2 available BS Division \$100



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" Is Seedlings \$15; 3.5" pot 4-6" Is Seedlings \$20



Memoria Garren Weaver (pearcei x wallisii) – Lovely pale long-petal hybrid. Compact plants. 3.5" pot Division \$45; 4.5" pot BS Division \$55



WSO 1417 Shizuko Kawatsura (Grande 'Acker's Vista' AM/AOS x ecuadorensis 'Birchwood' HCC/AOS) - 2 available. 2. 5" pots 3-4" ls Divisions \$15; 3.5" pots \$25; 4.5" pot BS Division \$3

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 Phrag fischeri.



Calurum 'Royale Suite' (Sedenii x longifolium)

– Classic hybrid! Grows into terrific specimen plants with branching stems and pink flowers. 1 available 3.5" pot \$25; 2 available 6" pot BS Division \$45 in spike



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;



pot 3-4" Is Seedlings \$20

WSO 5257 Coral Jewel ('Benner Springs' HCC/AOS x self) 2.5"



Coral Jewel 'Benner Springs' HCC/AOS (schlimii x sargentianum) - 2 available 3.5" pot BS Division \$65; 4.5" pot BS Division \$85; 6" Pot BS Division \$100



Dennis Kleinbach 'Castle Rock Creek' (longifolium x czerwiakowianum) – 4.5"-6" pot NBS Division \$45

Dennis Kleinbach 'Castle Rock Creek' (longifolium x



Fancy Free (Cardinale x ecuadorensis) – Charming small-growing pink with twisted petals. 1 available 4.5" pot BS Division \$35



Hat Creek 'Kelly Forks' (hartwegii var. baderi x fischeri) – 3.5" pot BS Division \$65; 4.5-6" pot \$75



Hat Creek 'Lassen' AM/AOS (hartwegii var. baderi x fischeri) – Wonderful miniature with intense color First release? 6" pot BS Division \$125



WSO 4794 Memoria

Estelle Getty (longifolium 'Woodstream' AM/AOS x fischeri 'Joan' AM/AOS) – Lovely pink purple hybrid. Highly vigorous! 2.5" pot 4-5" ls Seedlings \$25; 3.5" pot 6-7" Seedlings \$30; 4.5" pot BS Seedlings \$35



Pastel Echo (Cardinale x Cleola) – One of

Tony's plants. 2 available. 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 NBS \$30; 3.5" pots BS Seedlings \$35



Polar Shift 'Ghostwriter' AM, AD/AOS (pearcei x Silver Eagle) – Astonishing hybrid that may be a primary bridge to white Phrags. 1 available 4.5" pot NBS Divisions \$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. 2.5" pot 4-6"ls Seedlings \$25; 3.5" pots NBS Seedlings \$30; 4.5" pots BS Seedlings \$35



richteri x *lindleyanum* – Amber flowers on branched inflorescences. 4.5" pots BS Divisions \$35



Sedenii (longifolium x schlimii) – Classic hybrid from the 19th century. One of our favorites. Beautiful. 2 available 3.5" pot BS Division \$20;



Sedenii 'Candidulum' HCC/AOS (longifolium x schlimii album) – One of our favorites. Beautiful. 1 available 2.5" pot \$25; 5 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. 2.5" pot, 3-4" LS Seedlings \$35; 3.5" pot 5-6" Is Seedlings \$40



Woodstream Orchids
© David Lambert Images.com Summer Fire 'Hutchins Pond' HCC/AOS (sargentianum x klotzscheanum) – Impressive hybrid with tall branching stems. 1 available. 3.5" pot \$50; 6" pot BS Division \$100



Summer Fire 'Poe Paddy' (sargentianum x klotzscheanum

3.5" pot 1 growth division \$45



Vampire Slayer (sargentianum x caricinum) – Really cool!

Branching inflorescences. 1 available. 4.5" pot NBS Division \$45; 1 available. 6" pot BS Divisions \$65

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: Is = 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 deep red to pink flowers with very dark red-pink pouches. Should look like miniature Jason Fischers!! Some in spike. 2.5" pots 4-5" Is seedlings \$30; 3.5-4.5" pot BS Seedlings \$40



WSO 5000 Darlene Thompson (provisional) (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" Is Seedlings \$25; 3.5" pots, BS seedlings \$35



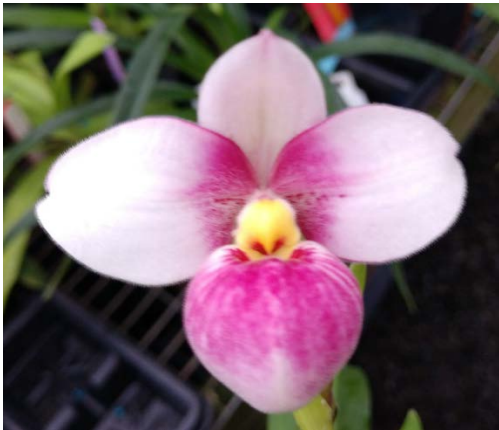
WSO 4132 Little Deschutes (Lynn Evans-Goldner 'Full Circle' HCC/AOS x Bullseye 'Penns Creek' AM/AOS) - Looking for shapely pink flowers with rounded petals, very small plants and branching inflorescences. Some have bloomed almost white. Bullseye is Hanne Popow x Lynn Evans-Goldner. These are blooming on 4-5" leaf span! 2 available 3.5" pots BS Seedlings \$35 each



Mingoville Morn (Cape May County x klotzscheanum)
– 2.5"- 3.5" pot 2 available \$25.



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. 2.5" pot NBS Seedlings \$20; 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



Swift Run (hartwegii baderi x Spot On) – Remarkable compact hybrid with small pink-purple and white flowers. 3.5” pots Blooming Size Divisions \$35

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.

Branched inflorescences. 2.5" pots 4" LS Seedlings \$25; 3.5" pots 5-6" LS Seedlings \$35



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)
- Minimum foreign mail order \$US 1,000 (flasks only) (Canada flasks \$US500, Fedex Only)
- GIFT CERTIFICATES AVAILABLE, PLEASE INQUIRE!

Discounts for Woodstream Orchids Paph and Phrag plants and flasks:

\$ 50 - 200:	No discount
\$ 200 - 500:	5% discount
\$ 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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5810 Huntingtown Road
Huntingtown, MD, USA 20639
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Web Site: www.woodstreamorchids.com

- 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.