



# Orchid Opus

VOL. 55 No. 5

May 2007

## IOS Meetings and Show Dates

**May 20, 2007** - Chicago Botanic Garden  
Speaker: Russ Vernon of New Vision Orchids -  
"How Not to Grow Phalaenopsis"  
@1:00pm-Auditorium.  
Mentors meeting @11:45am - Auditorium.  
Business/Announcements @12:30pm - Auditorium. Workshop has been cancelled.

**June 10, 2007** - Chicago Botanic Garden  
Workshop: Sandy Fuller - "Orchids on-line"  
Speaker: Leo Schordje - "Lycastes".

**July 8, 2007** - Chicago Botanic Garden  
Workshop: Barry Lubin - "Big Box Hardware  
Stores - an Orchid Grower's Best Friend".  
Speaker: Greg Allikas - "Orchid Photography".

**August 18, 2007 (Saturday)** - Oak Hill Gardens  
- Picnic! Speaker: Herman Pigors (Topic TBD).  
Visit [www.oakhillgardens.com](http://www.oakhillgardens.com) or call  
(847)428-8500 for directions.

**September 9, 2007** - Chicago Botanic Garden.  
Workshop: Lois Cinert - "Plant Registration - Just  
in Time for the Show".  
Speaker: Cathy Bloome - "Native Orchids and  
Conservation".

**October 13-14, 2007** - Chicago Botanic Garden.  
IOS Fall Mini Show.

## President's Message

*Barry Lubin - IOS President*

Many thanks to all of you who worked at the show and hotel, exhibited plants and supported the show through your visits. It takes a lot of people working a lot of hours to put together a show as spectacular and well organized as this one. I think this was one of our best shows ever, and a credit to the 55 years that IOS has been fulfilling its mission to educate the public and encourage cultivation of orchids.

A special thanks to Lois Cinert, Show Chairperson, who worked tirelessly (well, she did look rather bedraggled on Saturday after working until 3:30 AM that morning) coordinating the activities of so many people.

The show was a success on many levels. Financially, we ended up acceptably close to budget. Considering attendance, the Chicago Botanic Garden recorded more than 8,500 visitors for the weekend. The speakers addressed packed rooms at the Renaissance Hotel. The exhibits totaled more than 1,100 plant registrations. We enrolled 32 new members in the IOS. It was quite a show!

Speaking of new members, our meeting on May 20 will be the first opportunity to welcome the new members to the club. I hope that many of the new members will attend. I trust that all of you who are continuing members of IOS will do your best to make the newbies feel comfortable.

I look forward to seeing you all again on May 20.

*-Barry*

\* Unless noted otherwise, member's meetings held at the Chicago Botanic Garden will begin at 11:30am in the Multipurpose room with the Mentor's meeting, followed by plant judging and plant sales at approximately 12:00noon. At 12:30pm, we move to the Auditorium for our workshop, business meeting, and speaker presentation.

The Chicago Botanic Garden is located one traffic light East of Route 41 (Edens Expy) on Lake Cook Road, in Glencoe, Illinois.

## Orchid Events

**September 21-23, 2007** - 15th Annual Chicagoland Orchid Festival -  
<http://www.chicagolandorchidfestival.com/>

**January 23-27, 2008** - 19th World Orchid Conference.  
Miami Florida. <http://www.19woc.com/>



*Vanachostylis Colmarie*

## In Memoriam

Laima Sahagian, long time member and former historian of the IOS died last month after a long battle with lung cancer. She and I did exhibits together for many years. She was a wonderful grower and had an artistic sense that always showed in the exhibit.

Before she died, she asked me to take her plants and books for the IOS. Her husband, Art, and her two girls asked, in the Tribune obituary, for contributions to the IOS. Many of us will miss this lovely woman!

*-Sue Golan*

## Program Notes

*Sue Golan - First Vice President and Program Chair*

At our next meeting on May 20, the speaker will be Russ Vernon who you may know from our show last week or from buying his plants at other shows. His range is called New Vision Orchids and he will tell us how not to grow Phalaenopsis. He's a funny guy, so don't miss hearing him. See a plant listing near the back of this newsletter if you would like to pre-order plants for the meeting.

Please note that all of our activities will be held in the Auditorium, beginning with the Mentors Meeting at 11:45 AM. The Mentors Meeting is an opportunity for less experienced growers to ask questions of some of our most experienced growers. It is very informal. Please feel free to bring plants about which you have specific questions, but put them in a bag if they have bugs or disease. I hope to see many of our new members there!

## Nominating Committee Recommendations for 2007-2008 IOS Board

Below are the recommendations of the Nominating Committee for Officers and Directors for the 2007-2008 election year. This slate will be presented to and voted upon by the membership this coming meeting – May 20, 2007 (directors whose term does not expire this year are not listed below).

<b>Officers (Terms of office are from July 1 until June 30):</b>		
President	Barry Lubin	(2nd Term)
1 <sup>st</sup> VicePresident (Meetings/speakers)	Luis Torres	(New)
2 <sup>nd</sup> Vice (Home Show Chair)	Sandy Fuller	(2nd Term)
3 <sup>rd</sup> Vice President (Away show chair)	Anne Kotowski	(2nd Term)
Secretary (Recorder)	Toby Green	(New)
Asst. Sec'y (Newsletter Editor)	Loren Pollock	(2nd Term)
Treasurer (Collects/disburses monies)	Beth Engle	(New)
Asst. Treas (Membership/ Dues)	Felicia Cochran	(2nd Term)
<b>New Board Members (Terms of office expire June 30 of the year shown.):</b>		
Director	Victor Lentini	2010
Director	Allison Tribble	2010

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## MAOC Speaker Report

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*Leo Schordje - Contributing Editor*

The Speaker's Program for the MAOC was a success. We had at least 50 people at all 5 talks. For the Sunday talks we were running closer to 75 or 80 people. Alfredo Manrique of Lima, Peru got a few gasps out of the audience with his images of *Phrag kovachii*. On Saturday in the auditorium there was standing room only for Hadley Cash's talk on Complex Paph breeding. Patricia Harding was a good speaker with a comfortable & informal style. Eric Christenson as always had a very informative but fun travel log and taxonomy talk. He encourages us all to travel to Peru, "the best day to go to Peru is Friday, this Friday, just get on a plane and go. It will always be a good time to be there." Just from the pictures I was tempted to take a couple weeks and go to Cusco.

Thank you all who registered for the MAOC and attended the lectures. Your support made this possible.

A special thank you to Linda Juberg who manned the hospitality suite - a most important place that really helped make the trip for all the out of town speakers and MAOC members comfortable.

In five years we should be doing this again. Let me know whom you would like to see as speakers.

*-Leo*



*Eric Christenson (left) and Hadley Cash*



*Alfredo Manrique and Patricia*

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## Tricks of the Trade

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*Dave Tribble - Contributing Editor*

(We're starting a new regular column for members to 'trade' their lesser known, but very useful secrets connected to the growing of orchids. If you have an idea contact me, or the Newsletter editor, and we'll get your hint posted).

Use your old coat hangers! Whenever I go to my 'stand' of plant stakes looking for a stake for an inflorescence, I find that the ones I've purchased are never the correct length. You can with wire cutters, cut one down. The other alternative is to use a coat hanger. With wire cutters and a pair of pliers, you can quickly convert an ordinary coat hanger into an inflorescence support with minimal effort. When you do, they are always exactly the right length!

## Take Pictures, Leave Nothing Behind - Not Even Footprints

*Leo Schordje - Contributing Editor*

Spring is here, finally. At the IOS Spring Show I saw a display with several of our native *Cypripedium* orchids. They brought to mind a pleasant memory of being “Schlepper in Chief” for our IOS member Cathy Bloome. I carried camera bags and gear for Cathy Bloome on a trip into Manitoba just to photograph *Platanthera praeclara*. The trip was a success and we were rewarded with the sight of hundreds of these beauties in bloom. And yes, their fragrance is very sweet. The sight in Manitoba was part of a recently created Canadian park / wildlife reserve. Hopefully the Population will be safe from being trampled by photographers in the future. It is a very remote site. I hope there will be few visitors. *P. praeclara* is a spectacular species, possibly the only *Platanthera* with larger and fuller formed flowers than *P. leucophaea*.

Sadly, I live near a site with *Platanthera leucophaea* - Chiwaukee Prairie - and it is in a state of serious decline. There are two major causes for the decline of this Nature Conservancy protected site. The single greatest damage to this site is foot traffic by photographers. An observation I have made at a number of orchid sites is that generally the soils are soft and loose. This is particularly true for wet mesic prairie orchids. When you are in prairie orchid habitat you can take your hand, extend your fingers out straight and stab them into the soil up to your palm with little resistance. Yes, the soil is that soft and loose. This type of prairie loam compacts easily. Many *Platanthera* species require loose soils. When foot traffic compacts this soil, it no longer will support orchids, nor a host of other prairie plant species that are not orchids. The Chiwaukee Prairie is now crisscrossed with hundreds of compacted trails where well intention photographers have struck out looking for orchids & wildflowers to photograph. There are compacted rings visible on the ground where multiples of well meaning people have encircled a spectacular specimen and have trampled and compacted the soil trying to get that perfect picture. It sounds trivial, but since this prairie is midway between Chicago and Milwaukee, the photographers can number hundreds in a week, and thousands over the summer.

The compacted rings the photographers made in the soil around orchid plants have remained visible for several years, and sadly, the plant in the center more often than not, does not bloom again. The plant perishes due to soil compaction. On these trampled trails, weedy Eurasian species are common, and the prairie grasses are only found back away from the compacted trails. I have seen my own knee prints in the soil last for 2 or 3 seasons before fading. This is a first hand observation. A kneeling photographer leaves one hell of a big print in the ground. It is shocking how big a zone of compaction a pack of photographers can leave, especially if it is a diminutive species they are photographing. If you belly down to get that close up shot you are going to crush every plant growing on the two square yards of soil you plop down on. Leave your macro lens at home. Buy a picture book instead. Orchid growers and Photo clubs are the absolute worst for trampling big areas around a plant. Orchid Growers are bad, because they know what they are looking for and will trample deep into the prairie to find the orchids. The Photo Clubs are bad by force of sheer numbers. Some photography clubs are good about training their members to stay on



*Calopogon tuberosus in bloom*



*Site where it was growing 3 months later. Note the trampling is still visible 3 months after the photographers left.*

the trails, but in 2003, I witnessed a very badly behaved group in from Chicago. After they left, I found the patch of small green *Platanthera flava* completely crushed by the group photographing the showy pink *Calopogon* a foot away. Watch where you step, you may crush something you were not looking for.

The point of my note is, all you well meaning photographers, please stay on established trails. Do not wander off. Don't step off the established trails to get your shot. Especially in heavily visited urban and suburban habitat, your heavy boots compact the soil, killing seedlings, and destroying the habitat. Yes, your boots are as bad as an asphalt "steam roller" used to compact asphalt. Yep, your boots do it 150 pounds at a time. (okay, I'm a lot heavier than that, but some of your are lighter than that). The Chiwaukee Prairie has at least 6000 "little steam roller" visitors a year, maybe more, all wanting those great nature shots for their photo albums. Please, when your visit, try not to leave even footprints as evidence of your visit. Be considerate, you are loving the orchids to death.

Another example, *Platanthera psychodes*, the Purple Fringed Orchid, the only specimen that I have ever seen in bloom in the south unit of Illinois Beach State park was trampled by photographers. I return to the site weekly, and in 12 years, it has not reappeared at that site, most likely due to soil compaction. Any nearby seedlings were crushed by the photographers. I live within walking distance of Illinois Beach State Park, and I have been watching it change over the course of the last 20 years. Some good changes, many bad changes. The *P. psychodes* was a few yards off a paved trail I used to walk to the beach. Sadly, all too visible to people.

Yes, insects and freeze thaw cycling will eventually soften the soil again, but in these near urban refuges, the amount of traffic is too frequent. Stay on the oldest and widest trails. Use a telephoto lens. Crushing everything in a 4 foot wide circle around a spectacular plant will kill the plant as effectively as digging the thing up with a shovel.

The shovel comment brings me to the second source of damage. Predation by gardeners with shovels has reduced the population of *Platanthera leucophaea* by a significant percentage. Every year I see a couple new holes. Each year it seems to be perpetrated by only one or two miscreants, but in the 20 years I have been watching the Chiwaukee Prairie, there have been quite a few plants pirated out of there. If the population were larger & more stable this might not be a problem, but with all the soil compaction, the replacement rate by new seedlings seems to be too slow to replace the missing plants. This is a significant, but a very distant second to the damage by well-intentioned photographers. If you see someone in the prairie with a shovel, please call the police. Your cell phone will work at the Chiwaukee Prairie - it is an urban area. The Pleasant Prairie Police will be happy to make an arrest.

So in summary, PLEASE STAY ON THE TRAILS. Remember, if you were able to get there, other people will also. Assume all habitats are heavily visited, even if it seems remote. If your cell phone still works, you are in an urban area that will have hundreds of visitors over the year.

Take your photographs, but leave nothing behind. NOT EVEN FOOTPRINTS. LEAVE YOUR MACRO LENSES AT HOME. Use a telephoto lens. STAY BACK. YOU ARE TRAMPLING TO DEATH THE ORCHIDS YOU LOVE.

Thank you for allowing me to post this reminder.

*-Leo*

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## Membership Report

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*Felicia Cochran - Membership Committee*

We had a spectacular membership sign up at the Spring Show, with 32 new members joining us!! Please make sure you extend a warm welcome to **all** of the following new members at the next meeting!

**Ray & Robin Adams**, Downers Grove, IL  
**Kathy Chung**, Bloomingdale, IL  
**Mike & Jan Clancy**, Waukegan, IL  
**Kenneth Duszynski**, Deerfield, IL  
**Linda Feignheimer**, Winnetka, IL  
**Carin Fishel**, Chicago, IL  
**Donna Force**, Palatine, IL  
**Mary Gardner**, Deerfield, IL  
**Annette Hagerty**, Harvard, IL  
**Maddi Halpern**, Glencoe, IL  
**Randy Highfield**, Indianapolis, IN  
**Margo Jarosz**, Skokie, IL  
**Genevieve Kersten**, Chicago, IL  
**Marie-Eve Kielson**, Winnetka, IL  
**Karen Lustig**, Highland Park, IL  
**Karen Madigan**, Lincolnshire, IL

**Stephen Majors**, Chicago, IL  
**Linda & Norm Merwise**, Highland Park, IL  
**Patrick Nixon**, Chicago, IL  
**John & Katie Parry**, Grayslake, IL  
**Geraldine & Joseph Patla**, Chicago, IL  
**Barbara Pressman**, Chicago, IL  
**Pat & Peter Rasmussen**, Racine, WI  
**Karen Roth**, Buffalo Grove, IL  
**Lin Hui Strong**, Prairie View, IL  
**Sharon Theriault**, West Lafayette, IN  
**Cindy & Greg Thompson**, Waukegan, IL  
**Sharon Trevino**, Lansing, IL  
**Joel Wanner**, Chicago, IL  
**Thom Weiland**, Hilliard, OH  
**Andrea Wilson**, Libertyville, IL  
**Ellen Winkler**, Bloomingdale, IL

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## IOS Board Members - 2006-2007

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### Officers (Terms of office are from July 1 until June 30):

President	Barry Lubin	847-432-5968	(brlubin@sbcglobal.net)
1 <sup>st</sup> VicePresident (Meetings/speakers)	Sue Golan	847-234-6311	(sgolan@aol.com)
2 <sup>nd</sup> Vice (Home Show Chair)	Sandy Fuller	847-991-5434	(sjfuller62@comcast.net)
3 <sup>rd</sup> Vice President (Away show chair)	Anne Kotowski	630-833-8042	(phrag207@aol.com)
Secretary (Recorder)	Beth Engle	815-886-4953	(hortpotter@wmconnect.com)
Asst. Sec'y (Newsletter Editor)	Loren Pollock	847-219-0718	(ioseditor@higrafix.com)
Treasurer (Collects/disburses monies)	Jim Spatzek	847-498-4638	(jamcam21@sbcglobal.net)
Asst. Treas (Membership/ Dues)	Felicia Cochran	630-521-1529	(fbc72@sbcglobal.net)
Immediate Past President	Wendy Wesley	773-227-6064	(ws Wesley1@aol.com)

### Board Members (Terms of office expire June 30 of the year shown.):

Walter Zielinski	2007	847-587-5534	(wallyzzz@earthlink.net)
Allen Morr	2007	847-501-2532	(ozone03@ameritech.net)
Toby Green	2008	847-845-6145	(toby.green@caremark.com)
Jerry Garner	2008	847-651-8139	(garnerjl@comcast.net)
Leo Schordje	2009	847-746-9355	(lschordje@dataflo.net)
Joe Dixler	2009	847-432-7708	(jmd@dixler.net)
Luis Torres	2010	847-303-6838	(mrltorres@hotmail.com)
Lois Cinert	2010	630-739-1068	(geolocin@earthlink.net)



*Does she look tired to you?*



*Luis caught with his pots down*





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## Maurice Hardy

IOS Member

## Allison and David Tribble

IOS Members

## Brian and Ingrid

IOS Members



## Orchid Society of Minnesota

[www.orchidsocietyofminnesota.com](http://www.orchidsocietyofminnesota.com)

**Dedicated to Nicky, Rebecca, Megan, and  
Jessica Torres**

**Claire Papiewski**

IOS Member

**Sue Golan**

IOS Member

**For Diane Nowel and  
Karen Jensen Young**

**Linda Juberg**

IOS Member

**Alexander O. Manuel**

IOS Member



*Orchid Growers Guild*

*Madison, Wisconsin*

*[www.orchidguild.org](http://www.orchidguild.org)*

**BATAVIA ORCHID SOCIETY**

[www.orchidmall.com/bos](http://www.orchidmall.com/bos)

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## New Vision Orchids Plant Listing

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Russ Vernon has sent us this plant listings. Contact him at New Vision Orchids to pre-order for this coming week-end at:

1(765) 749-5809

New Vision Orchids  
12661 W SR 32  
Yorktown, IN 47396

**Here are some divisions of plants in the collection. Seedlings are listed below.**

Odm Summit

A primary of biconiense x coronarium (brevifolium). Brown spots on green, burnt orange lip, open form, leaves are spotted from past bacterial spotting. 1 spike, \$20, 2 \$25

Mltm Nikita 'Billy B.' AM/AOS-backbulbs with new growth

Vigorous grower with plum/magenta flowers and a large purple lip. \$45

Odcdm Tiger Hambuhren

Bright yellow with dark brown marks. \$20

Odtna Amethyst Gem x Odcdm Crowborough

Dark mahogany dominated sepals and petals, yellow lip that fades to cream. \$20

### **Seedlings:**

Oda Shelley-remake 3", 4"

Wils Balam x Oda Harry Baldwin 3", 4"

Oda Harry Baldwin x Boldstone 3"

Oda (Blue Poole x crispum) 'Keith's Choice' x Shelley 'Plush' AM/RHS

Wils Kolibri 'Red' HCC x Mem Leo Kendricks 'Kelly' HCC 3", 4"

Wils Koli Crow 4"

Wils Butter Boy 4"

Odcdm Big Mac x Oda Drummer Boy

Oda Plush powder 'Spring Dance' AM x Drummer Boy

3" pots are \$15 and 4" are \$17 plus shipping at cost and a packing charge.

### **ODONT FLASKS AND DIVISIONS**

**MINI FLASKS** available in 6 months, 10 plants/flask @\$20 + shipping.

06-20 Drummer Joe 'New Vision Picotee' x Erik Jaeger 'New Vision' pink to mag w dk margins

06-23 (Mt Diablo x Nicky Strauss) 'Bob's' x Mont Fallu 'Magnificent' wht w "black" marks, lg flowers

06-24 (MD x NS) 'Bob's' x Marni Ris 'New Vision Orange' crm-lt yllw w org to red marks

06-27 Odm Cristor 'North Country' x Ocean Falls 'Sunset Falls' free flowering wht, few to no marks

06-30 Marni Ris 'New Vision Orange' x Harry Baldwin 'Hawk Hill' org to red

Reserve yours now with a \$5 deposit. 30 plant flasks available @ \$30/\$10 deposit  
Pictures of most parents available, request at newvisionorchids@aol.com

## **DIVISIONS**

Oda Spumoni-maroon on white \$30  
Susan Richards Preston-red \$30  
Summit-brown, orange lip \$20  
Cooksoniae-antique star red \$25  
Vuyl Robin Pittman-dark purple lt lip \$20

## **COMPOT LIST-MAY 2007**

### **Phal.**

Tai-I Yellow Bird x Salu Peoker  
yellow harlequin \$7/ 2-\$50, 1-35

Black Rose x Sunrise Star  
dark magenta w red lip \$5/ 1-40

(Be Glad x Mahogany Leopard) x (Taisuco Jewel x Minho Princess)  
spotted/striped multi \$2/ 1-20

Tai-I Yellow Bird x Sogo Pride  
yellow harlequin \$7/ 1-50, 1-35, 1-56

Tying Shin Cupid x Tzu Chaing Orange  
sunset blends to orange \$5/ 1-35, 1-40

Fortune Buddha 'Big Red' x (King Shiang's Beauty x Formosa Rose) 'Summit Garnet'  
dark magenta to red \$5/ 1-45

(Marion Stewart x Natchez Splendor) x Amanda Wagner  
soft pink to blush \$2/ 1-15, 1-10, 1-6

(Prairie Snow x Steve Wilson) x (Dellwood x Affectionato)  
wcl \$2/ 1-20, 1-10

Furshing Beauty x Beautiful Temptress  
intense stripes on white \$5/ 4-30, 2-35

### **Odont.**

Oda Michael Newman 'Mt Vernon' x Joe's Drum 'Merlot with Spot'  
intense yellow w brown marks to magenta, lighter lips \$5/ 3 available

Oda Leysa 'Patience' AM, Dugger Award-05 x Burning Bed 'Patience' HCC  
dark red w yellow crest \$7/ 3 avail.

Oda Quennevais 'Primrose Beauty' HCC x Augres 'Purity'  
xanthic pale yellow to white w egg yolk marks \$7/ 2 avail.

Oda Aviewood 'White River' x Rouge Bouillon  
magenta w large darker marks \$5/ 2 avail.

Oda Aviewood 'White River' x La Feugeral  
light magenta w darker marks (orange/red?) \$5/ 3 avail

Odcdm Tiger Crow 'Golden Girl' HCC x Oda Michael Newman 'Mt Vernon'  
yellow w brown marks, white to light yellow lip, branches \$5/ 7 avail.

Oda Nettie Valentine 'True Love'  
meristem, red, bictoniense grandparent/warmth tolerant \$5/ 3 avail.

Odm Taxchilan x Oda Victoria Village 'Bright Star'  
Tax. Has harryanum as a parent x xanthic white V V \$5/ 4 small avail.

Wils Tiger Wyld x Oda Drummer Boy  
Purple to red but very speculative, guess w me 5/ 3 avail.

### **(End of Compot Section)**

## **Anguloa**

x acoutae 'Marsh Hollow'  
clowesii  
hohenohii  
turneri  
uniflora  
virginalis-division available, \$25

## **Angulocaste**

Roy Barrow (L Aquila x A Paul Gripp)  
Chawton (L Virgo x A Paul Gripp)  
Santa Barbara 'New Vision Orchids' AM/AOS  
two other clones of Santa Barbara (L Auburn x A Paul Gripp)  
Michelle Elizabeth 'Big Girl' HCC/AOS (A Norris Powell x L Always)  
Aurora (L Auburn x Anguloa ruckeri)  
Tessa Barrow 'Seasonal Sunshine' AM/AOS (L Jason x A Paul Gripp)  
Tessa Barrow-unbloomed  
Paul Gripp '#1' solid yellow clone

## **Lycaste**

Golden Emperor 'Trader's Point' AM/AOS (Concentration x Aphrodite)  
Koolena 'Cotton Candy' AM-CCM/AOS (skinneri x Auburn)  
Queen Elizabeth (skinneri v alba 'Joe Deifel' FCC/AOS x locusta)-two clones  
Auburn 'Knowle's Delight' pink variety of Auburn

Hugheuden (Auburn x Highland Peak)  
Cassiopea 'Wyld Peach' AM/RHS-AOS (Brugensis x Wyldcourt)  
Jackie-Bear 'Mt Vernon Profusion' AM/AOS (Vulcan x lasioglossa)  
Walnut Valley 'Golden Galleon' AM/AOS (Leo x Hamana Jason)  
Malibu Canyon (Auburn 'Ditchling' AM/RHS-AOS x Aphrodite 'Bold-N-Gold')  
Shonan Harmon (Koolena x Headington)  
Sunrise 'Naito' (Imshootiana x skinneri)  
Momoyama (leucantha x skinneri)  
Hamana Cherry 'NVO Serenity' AM/AOS (Hamana Wine 'Mt Vernon' HCC-AM-CCM/AOS x skinneri v alba 'Joe Deifel' FCC/AOS)  
and clones 'Speckeled' and 'Pink Lip'  
Autumn Sun 'New Vision Harvest' (macrophyllum x Autumn Glow)  
Jackpot 'Paul Wilson'-solid dark burgandy, 'Busted'-cherry, 'Friendship' AM/AOS-burgandy/purple, 'Lynn' AM/AOS-pink/purple spotted lip, 'Mem. Otto Mittelstadt'dark burgundy spotted lip and petals, 'Chicago Red' AM/AOS-dark brown/burgundy solid lip/petals  
Hamana Conc 'Ugly Wife' AM/AOS (Concentration x Leo)  
x imshootiana 'Ray' CCM/AOS-albescent clone  
Aquila 'Mt Vernon' AM/AOS, 'Detante' (Brugensis x Jason)  
Balliae (skinneri v ipala x macrophyllum)  
Pamala Annan (Hardie x Shoalhaven)  
Lycaste cont.

Mary 'Mt Vernon' HCC/AOS (x Lucienii x Jason)  
Indiana Aconite 'Mt Vernon Sunshine' (bradeorum x deppei)  
ciliate x Geri Male  
Dural (macrophylla v xanthocheita x Auburn 'Joyce')  
Always 'Breath of Spring' AM/AOS (skinneri x Sunrise)  
Jason 'Leaky' AM/RHS (macrobulbon x lassioglossa)  
Libra x Momoyama  
Paul (Cupid x Rachel)  
Vandorf Vampire (Auburn 'Ditchling' AM/RHS x Jackpot 'Dandy' AM/AOS)

## Species

skinneri (dark blotched lip), selected clones from Otto Mittelstadt's collection  
v rubrorosa 'Labio-rosa-immaculata'  
v alba 'Trillium grandiflora', 'NVO', 'Joe Deifel' FCC/AOS, 'Mt Vernon Mammoth'  
brevispatha  
portilla  
dowiana  
lassioglossa 'Crestwood', 'Fieldcrest'  
luminosa  
consobrina  
cochleata  
saccata 'Nashville' CBM-CCM-BT/AOS  
cruenta  
nana (Ida)