

FEB. 1: TRIP TO BLOOMFIELD ORCHIDS

FEB. 8: GROWING ORCHIDS IN THE HOME

Greetings from the Central New York Orchid Society! You're invited to our next meeting to learn more about the fascinating world of orchids. If you're not a member, you've received this complimentary newsletter because you've expressed interest in our club in the past, perhaps at our show last fall. So for our next meeting, February 8TH at 2^{PM}, St. Augustine's Church in Baldwinsville (p. 4), we've planned a program that will be geared toward the beginner and the "more seasoned" grower, alike—growing orchids in the home in Central NY. Hobbyists all over the area grow a huge variety of orchids, on the windowsill, under fluorescent lights, and in greenhouses. Many people don't realize that there are lots of orchids that will do well in the average home, with only a little attention to a few details. If you can grow and bloom an African Violet, then you should have no problem with Moth orchids (the popular Phalaenopsis), Lady Slippers (Paphiopedilums), and several other varieties. We'll discuss all aspects of orchid culture, including types of orchids, light, repotting, watering, fertilizing, and anything else that will help to answer that question we hear all to often: "*How do I get the darn thing to bloom again???*" If you have an orchid you're concerned about, feel free to bring it in and CNYOS members will look at it. Is your water good for growing orchids? Bring in a sample and we'll test it. The goal for the meeting is to answer your questions. **Details on our Feb. 1ST visit to Bloomfield Orchids outside of Rochester are given on Page 2.**

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JANUARY 2004: SILENT AUCTION & HOLIDAY POTLUCK

The January meeting was more relaxing than most, with the combination of a silent donor auction and holiday potluck. Members bid on orchids and orchid-related items, socialized, enjoyed GREAT food, and took the time to appreciate one heck of a fantastic show table! And the icing on the cake, as it were, was the fact that the club made over \$500 in proceeds from the auction! These funds will benefit the membership in many ways over the next year, through the newsletter and new programs.

In addition to all the fun, there was one order of business: installation of new officers. Kim Boronczyk assumed the office of President, Carolyn Pace and Cynthia Busic-Snyder will share the positions of Vice President and Program Director, and Barbara Weller agreed to stay on as Secretary. Carol Haskell had previously assumed the office of Treasurer.

FEBRUARY 1: ANNUAL TRIP TO BLOOMFIELD ORCHIDS!

The month of February marks one of our two annual pilgrimages to local commercial orchid growers. On Sunday February 1ST, Joe Kunisch has invited CNYOS members out for a visit. As in past years, a visit to Bloomfield Orchids promises a chance to wander Joe's greenhouse—a welcome respite from the frigid winter air—a tasty lunch (with great deserts!), and the opportunity to add a few new orchids to your collection. Joe specializes in slipper orchids, but also has a variety of other miscellaneous orchids, including Phalaenopsis, Cattleyas, and Miltoniopsis. Members always have a great time. If you're interested in going, please call Judi Witkin by Friday, January 30TH, so she can give Joe a head count, and plan on meeting at the Parish Hall of St. Augustine's Church (diagonally across the parking lot) between 10:00 - 10:15^{AM}. We'll form car pools and leave around 10:30 to arrive at noon. Directions to Joe's are on page 11.

1. The minutes were read and accepted.

2. **Treasurer's report:** With all expenses submitted, the Fall Show had a profit of \$2.83. Our participation at the annual Holiday Shoppes yielded a profit of \$140. Although the event went well, the booth fee for next year's Holiday Shoppes will go from \$300 to \$350—when considering the total expenses (booth fee and the outlay for plants and supplies) we probably will not do again.

3. **Home and Garden Show:** 3/18-3/21 with a set-up on Wednesday; the cost of the booth is \$75. The show will be held in 2 buildings, the Center of Progress and the Carsgill Building. The group voted to participate.

4. **Upcoming Shows: Rochester (GROS) March 25-28; Binghamton (STOS) April 30-May 2.** May 2 is the date of our annual auction, so we may need to make special arrangements with STOS for someone to take down our display, if there is no one willing to miss the auction.

5. The Skaneateles Garden Cub is advertising a 10 day trip to London for \$3130 to visit various gardens.

6. Elinor Burton left us archives of previous meetings which will be stored in the library.

7. **Elections:** President: Kim Boronczyk. Co-Vice Presidents: Carolyn Pace & Cynthia Busic-Snyder Treasurer: Carol Haskell

8. AOS representative Iris Cohen announced that the AOS is requiring Affiliated Societies to purchase a membership. It was decided that CNYOS would take out a two-year membership, and use the gift certificate toward either the raffle table or the annual auction.

9. **Meetings:** February: field trip to Bloomfield Orchids (2/1) & Beginners' clinic (2/8); March: Program to be announced; April: Biennial Mounted Orchid Clinic; May: Annual Auction.

10 There was discussion about how to use information from raffle tickets from our Show—it was decided to use the addresses for future show announcements.

11. The dates for the Fall Show will be October 1-3, 2004

12. Dianne Bordoni still has bits and pieces of supplies, Judi Witkin has bulbs and Charles Ufford has fertilizer. Tom Lloyd has a generous supply of plastic film canisters available for whatever use members may have for them.

Respectfully Submitted,

Barbara Weller, CNYOS Secretary

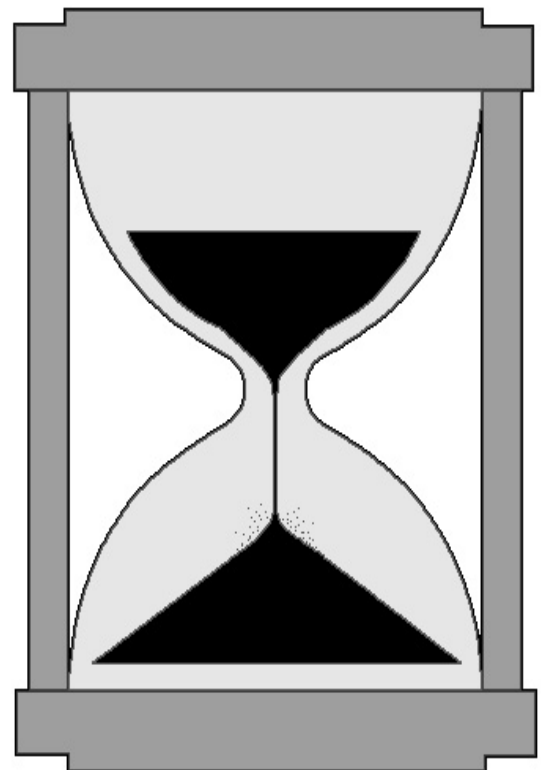
- February 1** **CNYOS Visits Bloomfield Orchids**
- February 8** **Regular Meeting:** Open Meeting for New-Comers! Topic: Basics on growing orchids in the home or greenhouse. **Please note date!**
- March 7** **Regular Meeting:** Program TBA
- March 18-21** **CNY Home & Garden Show at the State Fair Grounds:** CNYOS participation tentative.
- March 25-28** **Genesee Region Orchid Society Show & Sale:** Location: RMSC Eisenhart Auditorium, 657 East Avenue, Rochester, NY.
- April 4** **Annual Mounted Orchid Clinic!**
- April 14-18** **Greater New York International Orchid Show,** Rockefeller Center, New York, NY. Contact: David Horak, 25 Parade I. #5K, Brooklyn, NY 11226; daveh4742@aol.com.
- April 30-May 2** **Southern Tier Orchid Society Show & Sale:** Oakdale Mall, Johnson City, New York
- May 2** **Annual Orchid Auction**
- June 6** **Annual Summer Picnic**

Photo Credits: Cymbidium Sweet Dreams, Blc. Amy Wakasugi, Phal. Zuma Aussie Delight (all page 1), and Phal. Maritea (page 10) © Greg Allikas (The Orchid Photo Page, <http://www.orchid-works.com/>), with digital manipulation by Jeff Stuart.

IMPORTANT!!! TIME TO PAY DUES!

Over the next month, CNYOS will be looking for your annual membership dues (due each December). Check the label on this newsletter: if it reads “C” you are a Courtesy mailing. If it reads “M03,” you are a paid member and owe dues for the new season. “M04” reflects a paid status. “CM” denotes a Commercial Mailing. These labels may not be entirely up to date, so if you’ve already paid, your status will be updated by the next newsletter. If, however, you are currently receiving this newsletter as a courtesy and haven’t joined the club, you will be removed from our mailing list in February. ***Likewise, those who have not paid dues by the end of February will also be removed from the mailing list.*** A few exceptions will be made, including commercial vendors and representatives of various gardening organizations. Annual club dues are \$15.00 per person or \$17.00 per family, payable to CNYOS. Dues should be mailed to CNYOS Treasurer **Carol Haskell, 102 Wythrop Rd. Solvay, NY 13209.**

Please renew—we would hate to lose you!



PLEASE NOTE ESPECIALLY ALL NAMES AND ABBREVIATIONS IN
BOLDFACE

CYPRIPIEDUM ALLIANCE

<i>Phrag. longifolium</i>	Lloyd
<i>Paph. Stone Lovely</i> (Elfstone x Autumn Gold)	Witkin
<i>Phrag. Don Wimber</i> (Eric Young x <i>besseae</i>)	Capella
<i>Paph. Merce Lou Audino</i> (Greenvale x Lambert Day)	“
<i>Paph. Addicted Phillip</i> (<i>adductum</i> x <i>philippinense</i>)	Stuart
<i>Paph. Snow Spotter</i> (Spotter x Snow Leopard)	“
<i>Paph. insigne</i>	“
<i>Paph. bellatulum</i>	“
<i>Paph. haynaldianum</i>	“
<i>Paph. villosum</i>	“
<i>Paph. Emerald Dream</i> x Todd Clark	“
<i>Paph. Rendezvous</i> (Sandra Mary x Redezelle)	Coleman
<i>Paph. fowliei</i>	“
<i>Paph. Memoria Maurice Powers</i> x <i>fairrieantum</i>	“
<i>Paph. Saiun</i> (<i>sukhakulii</i> x <i>wardii</i>)	“
<i>Paph. Usher Raymond</i> (Blood Clot x Black Buddha)	Ditz
<i>Paph. White Queen</i> (Vía Virgenes x Skip Bartlett)	“
<i>Paph. dianthum</i>	Churchill
<i>Paph. victoria-regina</i> x <i>bellatulum</i>	Rossler
<i>Paph. callosum</i>	“

CATTLEYA ALLIANCE

<i>Slc. Dream Cloud</i> (C. Little Dipper x <i>Sl. Orpetii</i>)	Witkin
<i>Nla. pulchella</i>	Lloyd
<i>L. gouldiana</i>	“
<i>Bc. Maikai</i> (<i>B. nodosa</i> x <i>C. bowringiana</i>)	Coyle
<i>L. anceps</i>	“
<i>C. intermedia</i>	Rossler
<i>Epi. marmoratum</i>	Stuart
<i>C. loddigesii</i>	“
<i>Sl. Pole Star</i> (<i>L. briegeri</i> x <i>S. coccinea</i>)	Capella
<i>Lc. Mari's Song</i> (Irene Finney x C. Cherry Chip)	“
<i>Pot. Heavenly Jewel</i> (<i>Slc. Tangerine Jewel</i> x <i>Blc. Meditation</i>)	Cohen

VANDACEOUS

<i>Dtps. I-Hsin Gem</i> (<i>Phal. Hwafeng Redjewel</i> x <i>Dtps. Taisuco Firebird</i>)	Rossler
<i>Tblm. quisumbingii</i>	Braue

<i>Phal. Taida Timothy</i> (Timothy Christopher x <i>venosa</i>)	“
<i>Phal. venosa</i>	Ufford
<i>Phal. sumatrana</i>	“
<i>Ascda.</i> (<i>Bonanza</i> x Hawaiian Monarch) x <i>V.</i> (<i>Alicia Ono</i> x <i>Lenavat</i>)	Churchill

<i>Rhy. gigantea</i>	“
<i>Dtps. San Damiano Stripes</i> (Minho Stripes x <i>Phal. Brother New Player</i>)	Cohen
<i>Phal. Mistral's Pixie Prelude</i> (<i>Pacific Prelude</i> x <i>Carmela's Pixie</i>)	“
<i>Sgsp. comberi</i>	Coleman
<i>Phal. Brother John Curtin</i> (<i>Brother Wildcat</i> x <i>Brother Purple</i>)	Capella

ONCIDIUM ALLIANCE

<i>Mtssa. Dennis Kleinbach</i> (<i>Cartagena</i> x <i>Milt. Goodale Moir</i>)	Coleman
<i>Colm. Wildcat</i> (<i>Odtm. Rustic Bridge</i> x <i>Odcdm. Crowborough</i>)	“
<i>Vuyl. Saint Mary</i> (<i>Memoria Mary Kavanaugh</i> x <i>Oda. Saint Clement</i>)	“
<i>Colm. Wildcat</i> 2 plants	Kot
<i>Burr. Nelly Isler</i> (<i>Stefan Isler</i> x <i>Milt. Kensington</i>)	Capella
<i>Burr. Nelly Isler</i>	Coleman
<i>Bnts. Donald Prince</i> (<i>S. brevipedunculata</i> x <i>B. nodosa</i>)	“
<i>Mps. vexillaria</i>	Stuart
<i>Onc. splendidum</i>	Churchill
<i>Prosthechea cochleata</i>	Braue

DENDROBIUM ALLIANCE

<i>Den. Kuniko</i> (<i>goldschmidtianum</i> x <i>victoria-reginae</i>)	Witkin
<i>Den. Berry</i> x <i>Ku-Ring-Gai</i>	“
<i>Den. unicum</i>	Cohen
<i>Den. aberrans</i>	Capella
<i>Den. sulawesiese</i>	Stuart
<i>Den. Samarai</i> (<i>stratiotes</i> x <i>antennatum</i>)	Coleman

MISCELLANEOUS

<i>Coel. fragrans</i> (?)	Kot
<i>Bulb. macroleum</i>	Witkin
<i>Lus. discolor</i>	Lloyd
<i>Cal. vestita</i>	Braue
<i>Bulb. ambrosia</i>	“

DIRECTIONS TO ST. AUGUSTINE'S CHURCH IN
BALDWINSVILLE:

From the Syracuse Area: Take 690 West towards Baldwinsville. Get off at the Jones Rd. Exit, and take a Right onto Jones Rd. Take the next Left onto Peck Rd., and stay on Peck for about 1.2 miles. Peck Rd. changes to O'Brien Rd. The Church will be on the Left.

From the Liverpool Area: Take John Glenn Blvd.

towards Baldwinsville. Stay on John Glen Blvd until it ends; it will run into Rt. 48 North. Take Rt. 48 North to O'Brien Rd (about 1.8 miles). Turn Left onto O'Brien. The Church is at the top of the hill on the Right.

From the Thruway: Take Exit #39. Go to 690 East towards Syracuse, State Fair. Get off at the Jones Rd. Exit. Take a Right onto Jones, and then take the next left onto Peck Rd. Peck Rd. changes to O'Brien--stay on Peck/O'Brien for about 1.2 miles total. The Church will be on the Left

CLUB REMINDERS

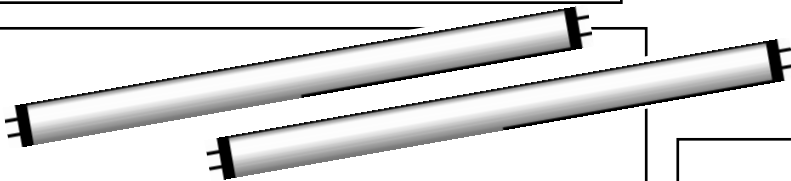
Orchid-Growing Supplies are now available, including fir bark, sphagnum, sponge rock, charcoal, and 40W fluorescent tubes. Call Dianne Bordoni for details on pricing and availability (446-3836).

The **CNYOS Club Library** is now located at St. Augustine's church. Make arrangements with Val Introne (682-8595) if you want to borrow an item from the Library.

DON'T FORGET TO BRING YOUR BLOOMING ORCHIDS FOR THE MONTHLY SHOW TABLE!!!



Phalaenopsis bellina (violacea),
photograph by Vagisha
Sharma, with digital enhance-
ment by J. Stuart.



Fluorescent light bulbs are now available! A new order of Phillips Ultralume fluorescent tubes will be available for purchase at the next meeting.

Price is \$7.50 each.

REFRESHMENT SCHEDULE

WINTER-SPRING, 2004

February
March
April
May

Jennifer Wilson & Charles Ufford
Valerie Introne & Cliff Rossler
Monica Kot & Donna Coleman
David Ditz & Pat Cotter

STOS NEWS: NEWS FROM THE SOUTHERN TIER ORCHID SOCIETY

February meeting (2/15) will be presented by Richard Jost of Jungle Paradise in Benton PA. His subject is "Growing Plants that Compliment Orchids."

Monthly meetings begin at 2:00^{PM} in the Vestal Public Library. For directions, etc. call STOS president Kenneth Lattimore at 570-553-2753 or e-mail him at <klatt@epix.net>.

GROS NEWS: NEWS FROM THE GENESEE REGION ORCHID SOCIETY

At their next meeting on February 2ND, GROS welcomes its president Jeanne Kaeding to speak on the Orchid Habitats of Ecuador. Jeanne will be showing slides and discussing her 2-week trip to Ecuador in November with six other orchid enthusiasts. She will speak of her experiences of driving around looking at habitats of orchids and some ideas that she wishes to share with the club on her trip.

GROS will be taking Jeanne and her husband, Jon, to dinner at the Beale Street Cafe, located at 689 South Avenue at Gregory Street at 5:00 p.m. on February 2.

Taken with permission from *The Orchid Collection*, Newsletter of the Genesee Region Orchid Society, Vol. 26, No. 6, Feb. 2004, Phil Matt, Newsletter Editor (716) 288-7025.

EPIDENDRUM MARMORATUM & DENDROBIUM SULAWESIENSE

As usual, the common thread & inspiration for the Spot Light comes from what is in bloom this time of year. And this month we look at two spectacular, albeit unrelated, orchids.

Epidendrum marmoratum (top photo) is a small to moderately sized orchid from Mexico. It has cigar-shaped pseudobulbs that have 2-3 deep green leaves hued purple on the underside. The mature pseudobulbs are typically about 6 inches in height. The remarkable flowers emerge on a pendant flat raceme from the top of new growths as the pseudobulb matures—the effect is most graceful as the raceme arches and hangs below the new leaves. The one inch flowers are of heavy substance and are ivory marked with deep red-brown or maroon. The lip is heavily convex, with deep ivory ridges which extend almost the entire length. The valleys between the ivory-colored ridges are deep red brown. A total of 15 to 20 flowers is not uncommon. *Epidendrum marmoratum* probably grows best mounted. It appreciates bright light, ample moisture, moderate humidity and temperatures on the cool side of intermediate. In my collection, *marmoratum* is grown mounted, and in close proximity to the fluorescent lights. It gets watered 4-6 times per week along with all of the other mounted orchids.



Dendrobium sulawesiense (bottom photo) is a relative newcomer to the orchid hobby, only becoming commercially available during the last few years. It is part of the Calypstrochilus section of the genus, and is reported to have the largest flowers in the section. The species originates from the Celebes Islands. When you see this glorious orchid in bloom, the question immediately comes to mind as to how it was ever overlooked! Large (2.5”), fantastic, deeply-colored fuchsia flowers (bordering on fluorescent pink) with bright orange lips are produced in large clusters along mature canes—the only canes not capable of blooming are those in active growth. The petals and sepals have a crystalline quality to them. Canes are ultimately pendant and can attain lengths up to about 30”, covered with alternating bright green 2-3” leaves. *Dendrobium sulawesiense* does not appear to be fussy about culture, and will grow well in shaded situations and intermediate temperatures. Mounting this orchid will allow for the most natural display of the pendant canes. Frequent watering year round is required for mounted plants (5-6 times per week), less frequently for potted plants. There seems to be some confusion concerning the accepted name: *Dendrobium glomeratum* & *crepidiferum* appear to be synonymous or at the very least closely related.



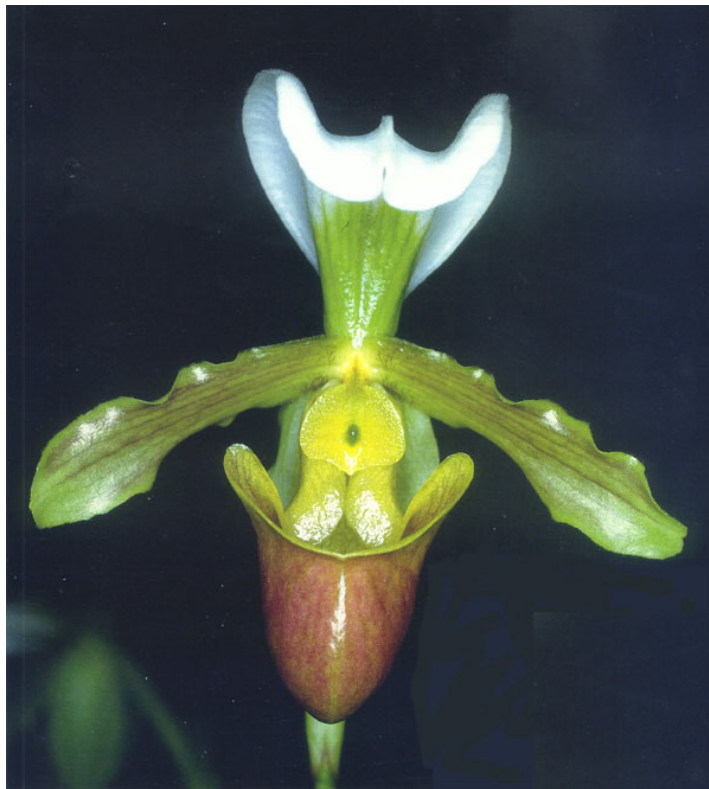
Jeff Stuart, Central NY Orchid Society Newsletter Editor
jastuart@syr.edu

PART II

Part I of this article can be found in the January 2004 issue of *The Orchid Enthusiast*, available for download at <http://www.paphiopedilum.net/Prev-newsletters.html>

Last month, in Part I of this article, we considered the culture of the slipper orchids from this popular group that are, at least in my experience, of little or moderate difficulty to grow and bloom. In Part II below, we finish with the remaining two species—*Paphiopedilums barbigerum* and *tigrinum*—which I consider to be more culturally challenging. I originally included *Paph. hirsutissimum* in this group, but it was discussed in Part I along with *Paphiopedilum esquirolei*, so it will not be considered further. We will also touch on the newly-described species, as well as on hybridization. Finally, a contribution on the culture of *Paph. barbigerum* follows this article, authored by CNYOS member Iris Cohen, who grows several examples of this species. One of her plants was granted an Award of Merit by the American Orchid Society.

The petite *Paph. barbigerum* is one of the smaller members of the section. It is generally included as part of the *Paph. insigne* complex, along with *insigne*, *exul*, *helenae*, and *tranlienianum*. In contrast to *insigne*, *barbigerum* is more difficult to grow and can be recalcitrant in cultivation (personal experience). The flower is variable in size, ranging anywhere from one to more than three inches in diameter. The hooded dorsal is predomi-



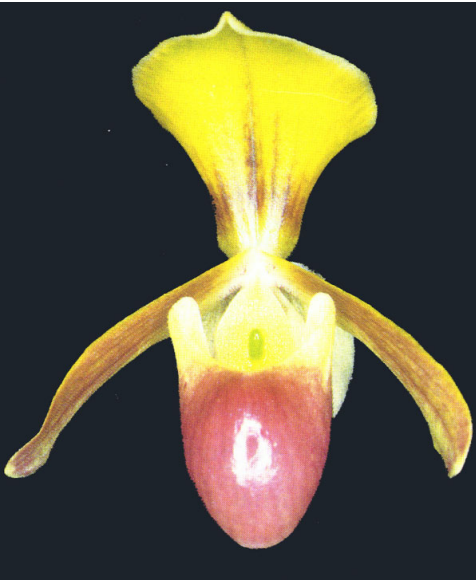
PAPHIOPEDILUM BARBIGERUM



PAPHIOPEDILUM TIGRINUM

nately white, with an infusion of color toward its base, ranging from yellow green to bronze and red-brown. The petals and pouch often reflect the color found near the base of the dorsal, while the staminode is nearly always yellow-green. In nature, *barbigerum* experiences temperatures that are best described as intermediate to warm in the summer (daytime highs often better than 85°F), and intermediate to cool in the winter (55-60°F days). The diurnal range is nearly constant year round, averaging between 15-20°F. However, during the winter months there is a pronounced rest period characterized by drier conditions. Light is moderately high, although not nearly so high as for *Paph. exul*. Like all of those described above, strong air circulation is required for best culture. Look for the accompanying article on *barbigerum* culture, kindly provided by Iris Cohen.

Finally we come to *Paph. tigrinum*, which commands the highest prices of all those discussed above, and for good reason. The flowers are glossy and deeply colored, and truly a sight to behold. A good deal of controversy surrounds the proper naming of this species, as to whether the epithet *tigrinum* or *markianum* is valid. It all boils down to whether faxed material constitutes an act of publication. If so, then *Paph. markianum* is the valid name for this species, but that is not to be decided here. Because *Paph. tigrinum* is the more commonly used name, we will adopt that convention. The flowers of this beautiful species are unique and striking. The dorsal sepal is a golden green with a few central bold brown markings that are intermediate between vertical stripes and blotches. Outstretched petals flank the dorsal that are basally green, which changes to a deep lavender toward the flared ends (similar to *Paph. lowii*). Parallel to the length of the petals are two thick brown stripes that extend for about one half of the petal's length, reminiscent of the markings on the dorsal sepal. The pouch is typically a medium golden brown. Growth of this species is similar to others discussed above, in that it needs a pronounced winter diurnal range as large as 27°F from winter into spring, and about 12-15°F in the summer months. The temperature range is best described as intermediate



PAPHIOPEDILUM HELENAE

to cool growing (daytime highs near 80°F in summer, 60-65°F winter). Overall, *tigrinum* grows drier than most, with a winter rest where plants should dry out between waterings, but not for extended periods. It is reportedly sensitive to salt build up in the media, so lower fertilizer levels should be used and the pots should be flushed regularly. Moderate to low

light levels will suffice, although higher light levels will probably be tolerated.

The Newly Described Species: It is worth mentioning the several other species listed above that will not be treated in depth herein—the primary rationale for this omission is that none of the species, including *chaoi*, *coccinimum*, *helenae*, *herrmannii*, and *tranlienianum*, can be legally obtained and grown in the US. All of these species were described relatively recently (from 1995 through 2000) and their trade is restricted by CITES, as indicated above. All of them are small statured—on par in size with *henryanum* or *barbigerum*—and have flowers that range in



PAPHIOPEDILUM HERMANII

size 1-3 inches. A web search will result in a wide variety of photographs of these little gems, many of which are described in detail at Dr. Tanaka's web page describing the newly described *Paphiopedilum* species (see references following article). I have, however, managed to include a few photographs here. *Paph. helenae* is most closely allied with *barbigerum*, but is yellow in flower, with red-brown on the lip. The striking *Paph. coccinimum* is also allied with *barbigerum*, but much more deeply colored, bordering on red. Equally striking is *herrmannii*, which resembles an incredibly dark *barbigerum*. *Paph. chaoi* is closely allied to *henryanum*, but lacks the prominent spotting on the dorsal sepal and petals. Finally, the only way I can find to describe the unique and unusual *Paph. tranlienianum* is as *spicerianum*'s "evil cousin!" The flower is large for the size of the plant, and boasts a *spicerianum*-like dorsal (although smaller in relative size and less prominent), highly undulated tan-colored petals and a deep, gaping pouch, also tan, that almost looks like it would be more at home on a carnivorous *Nepenthes* (Pitcher Plant).

Hybridization of the slippers described above is far, far, far beyond the scope of this review, but the species of this section, i.e., the *Paphiopedilum* section of the genus *Paphiopedilum*, form the basis for many of the oldest slipper hybrids. The modern complex hybrids (the "toads" or "Tupper-ware" hybrids) have ancestries that are rich with contributions from many of the species described above, including *insigne*, *villosum*, *spicerianum*, and *charlesworthii*, among others. These hybrids



PAPHIOPEDILUM COCCINIUM



PAPHIOPEDILUM TRANLIENIANUM



PAPHIOPEDILUM SNOW SPOTTER



PAPHIOPEDILUM WINSTON CHURCHILL 'INDOMITABLE' FCC/AOS

often boast huge floral size and deep colors, as illustrated in the figures above & below. Also shown is *Paph. Leeanum*, the primary hybrid of *insigne* and *spicerianum* registered in 1884—this delightful and easy to grow hybrid is larger in size than both parents, and gracefully blends the best attributes of each. Most of the intra-section hybrids, including the complex hybrids such as Snow Spotter or the famous Winston Churchill are fairly easy to grow, and are the result of 20 or more generations of hybridization. They generally benefit from light shade to moderately bright light and intermediate to cool temperatures during the cooler months. A drier winter rest is also recommended, although based upon experience, not necessarily required.

Hybrids with *Paphiopedilums* outside the (*Paphiopedilum*) section are less common in recent years. A search of hybrid parentage reveals that dozens, if not hundreds, of primary hybrids have been lost to horticulture, perhaps due to lack of appeal or vigor.

Occasionally remakes and/or unusual combinations come up on occasion, and are definitely worth trying, if only to try something not so predictable as the latest multifloral, brachi, or parvi hybrid. A recent addition to my collection is *Paph. Humoresque*, the primary hybrid of *rothschildianum* and *hirsutissimum*. Perhaps it will be a dog, but I'm sure it will be interesting!

Finally, I would like to once more add that I think these wonderful species (and hybrids) are often overlooked by many slipper enthusiasts who have been seduced by the often less amenable *Maudiae*-types. Don't let terms such as diurnal ranges and winter rests deter you from trying out some of these—several of the best, including *insigne* and *villosum*, are very flexible and adaptable to a wide range of conditions. And the hybrids will often be even more so!



Continued with References on Page 10.



PAPHIOPEDILUM LEEANUM



PAPHIOPEDILUM (EMERALD DREAM x TODD CLARK)

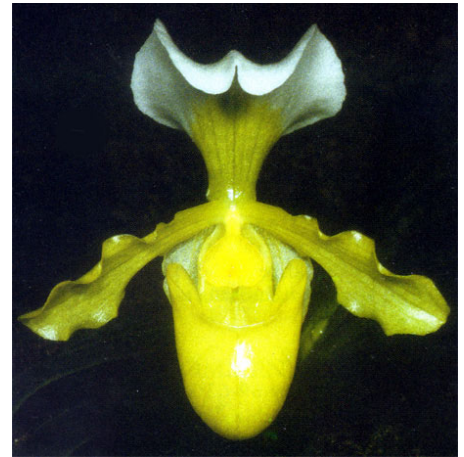
by CNYOS Member Iris Cohen

I was asked to write about this species because somehow I am considered a local expert on it. I have to admit my one and only AM/AOS was awarded to *Paphiopedilum barbigerum* 'Obie's Top Hat.' I bought this specimen from Dave Geiger, who as far as I know got it from Jim Rice (Jim Rice Orchids, Homer, NY). I also have a division of *P. barbigerum* fma. *album* 'Memoria Joe Ringwood,' CHM/AOS, and an offspring of the album selfing. These are healthy, but grow very slowly.

Paph. barbigerum is one of a group of miniature Paphiopedilum species, which promise to revolutionize Paph. growing for the under-lights enthusiast and others with limited space. A full-grown specimen with several flowers will fit easily in a four-inch pot. Although it has only recently been available in the trade, *Paph. barbigerum* was described by Tang and Wang in 1940. The name barbigerum means having a beard, referring to the tuft of black hairs at the base of each petal. The species is thought to be a cool-grower. According to my notes, it comes from the same area as *Paph. concolor*, but from much higher elevations. It looks just like a miniature version of *Paph. insigne*, and Braem considers it a variety of that species. Actually, *P. barbigerum* seems to be rather temperature tolerant. It survived our very hot summer of 2002 quite well.

All of my Paphs go outdoors in the shade for the summer. Like most of them, this species needs to be protected from sunburn, although it does like good light. It stays outdoors until the first frost warning in the fall. It spends the winter in my fluorescent plant room, a few inches under the tubes. The plant room is considered in the warm range, with winter temperatures from 59° F to 79°. I try to keep the humidity around 70%. During the month of December, I put *P. barbigerum*, as well as any other Paphs that

might need a rest, in an unheated bedroom, where they get temperatures and humidity mostly in the 50s. They stay there without any water for about four weeks. Then they go back under the lights. This tends to assure spring blooming, although 'Obie's Top Hat' blooms from time to time without it, probably in response to cool spells outdoors.



PAPHIOPEDILUM BARBIGERUM FMA. *ALBUM*

It goes back outdoors in May, as soon as danger of frost is over.

I feed all my orchids a rotating variety of plant foods, generally about once a week. Like most Paphs, this species likes to be damp, but definitely not wet, with a well-drained medium. I use a fine bark mix. The plant should be repotted at least once every two years.

The only pest I have had on this species is what appears to be a microscopic mite of some kind, which attacks only Paphs. It causes tiny pits on the tops of the leaves. If I see it on newer leaves, I spray three times with Orthenex, but the plants probably pick it up outdoors, so I watch for it regularly. It does not seem to be a serious problem.

Dave Geiger, Antec Laboratories, and other breeders are busy developing miniature hybrids of *Paph. barbigerum*. Be sure to watch for them.

References:

Continued from page 9...

Climate data and cultural requirements were compiled from the following text: "The Genus Paphiopedilum, Natural History and Cultivation," Volume 2. Braem, G. J., Baker, C. O., and Baker, M. L., Botanical Publishers, Inc. 1999.

Photographs of *Paphs.* LEEANUM, SNOW SPOTTER, and (EMERALD DREAM x TODD CLARK) © Jeff Stuart, 2004.

Photographs of *Paphiopedilums tigrinum* and Winston Churchill 'Indomitable' courtesy of and © Bob & Lynn Wellenstein, AnTec Laboratory & Ladyslipper Farm, <http://www.ladyslipper.com/>

Photograph of *Paphs. barbigerum, helenae, hermanii,* and *tran-lienianum* © Guido Braem, and reproduced with permission from reference 1 (above), Braem, *et al.* 1999.

Photo of *Paph. coccinium* © Dr. Holger Parner & courtesy of Dr. Toshinori Tanaka & his web site dedicated to lady slippers: <http://www.orchid.or.jp/orchid/people/tanaka/indexe.html>

Mark Your Calendars!

Our Annual Fall Show & Sale is scheduled for OCTOBER 1-3 in Shoppingtown Mall, DeWitt.

Featured will be
Lots of Displays, Judging by the
American Orchid Society, Tons of
Orchids, & Vendors!



From the **NYS Thruway** (Rt. 90W), take **Exit 45** to **Rt. 490**. Once on Rt. 490, take the **Exit for Bushnell Basin**. At the end of the ramp, take a **Right onto Rt. 96**. Go about **1/4 mile** to **Thornell Road** and make the first **Left** (onto Thornell; this turn is **easy to miss**). Go to the end of Thornell Rd. and make a **Left at the "T" onto Bloomfield Road**. Go about **1/2 mile** down Bloomfield Rd.; **Joe Kunisch lives on the right, although his mailbox (#251 Bloomfield Road) will be on the Left. His driveway is on the RIGHT**, and goes about 300 feet uphill to his brown house.

*****DO NOT GO INTO THE NEIGHBOR'S DRIVEWAY (WHITE HOUSE) ON THE LEFT*****

Park in the driveway and go through the open garage to the greenhouse in the back.

Paph. Edna Ratcliff 'Nike' AM/AOS ©Greg Allikas, 1996, Digitally enhanced by Jeff Stuart

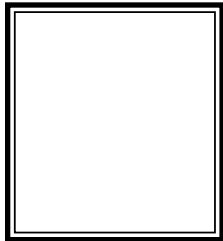


This Sunday, February 1: Trip to Bloomfield Orchid
February 8: Open Meeting, Basic Orchid Culture!



Please note
Included
Dates!!!

Next Meeting: Sunday, February 8, 2PM



THE CENTRAL NEW YORK ORCHID SOCIETY
Your local AOS & Orchid Digest Affiliate
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<http://www.paphiopedilum.net>

The Central New York Orchid Society meets at St. Augustine's Church, 7333 O'Brien Rd, Baldwinsville, at 2:00^{PM} on the first Sunday of each month from September through June. Yearly dues are \$15.00 per individual, or \$17.00 family. Dues should be paid to the CNYOS Treasurer, Carol Haskell.

THE ORCHID ENTHUSIAST

The **CNYOS Newsletter**, *The Orchid Enthusiast*, is a publication of the Central New York Orchid Society and is distributed to the Society's members ten times per year, prior to all club meetings, events, or functions.

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