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Back Cover: Entrance to one of John Reed’s daffodil fields. See story on page 13. Beth Holbrooke photo
‘Francolin’ 1Y-Y
White Ribbon, Bob Spotts
Murphys, CA Show
*Kirby Fong photo*

‘Guiding Light’ 2W-W
White Ribbon
Mary Lou Gripshover
Cincinnati, OH Show
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‘White Tea’ 2W-GWW
White Ribbon, Leone Low
Chillicothe, OH Show
*Kirby Fong photo*

‘Whiskey Mac’ 2YYW-Y
Gold Ribbon, Tag Bourne
Chillicothe, OH Show
*Kirby Fong photo*
Rosemary and John Pearson with Chriss Rainey in the seedling fields. See story on page 16.

Brian Duncan’s field of named cultivars with a few of his many seedlings at the right. See story on page 16.
INTERMEDIATE DAFFODILS COME OF AGE
Dave Karnstedt, Silverton, OR

Historically, intermediate daffodils—flowers larger than miniature and smaller than standard—have been the stepchildren of the daffodil world. The ADS did not recognize them as a separate type so at shows they had to compete in classes with full-sized standard daffodils. Nonetheless, breeders continued to name and introduce a few of these smaller sized daffodils each year.

Through the efforts of a dedicated group of intermediate fans spearheaded by Jeanie Driver, Bob Spotts, and Helen Trueblood, these unique flowers have at last been formally recognized as a separate class of daffodils. That this class has finally come of age couldn’t have been more solidly confirmed than by the exquisite flowers Bob Spotts exhibited at the 2001 Oregon Garden Show in Silverton, Oregon.

The outstanding characteristic of Bob’s intermediates is that they are perfectly proportioned blooms about two inches to two and a half inches in diameter, borne on stems fully proportioned to the flowers, just as if a perfectly proportioned standard were downsized. Bob’s entry in the midseason show of the Oregon Daffodil Society contained the most wonderful examples of this group of daffodils that I have seen. Clearly, it’s flowers like these that establish Bob as the leader in this field of hybridizing. Kirby Fong’s fine photograph on the front cover does the collection full justice and describes those wonderful seedlings better than I can with mere prose. The rest of us can only hopefully await the increase of each seedling to the point where it can be named and registered and made available to those growers who find this group of daffodils so enchanting. The flowers in Bob’s entry were:

ODS CHALLENGE CLASS (Six stems where exhibitor is hybridizer)
SS-024-1, 2Y-O (‘Falstaff’ x ‘Vertex’). Evenly reflexed, wide-shouldered segments of heavy substance are light yellow in color and set off by the tubular cup of deep orange. The reflex is not due to cyclamineus influence.

SS-006-2, 2Y-W (‘Hartgrove’ x ‘Swedish Fjord’). This is an intermediate reverse bicolor of trumpet configuration and flawless perfection in pale primrose-lemon. The lightly ruffled white corona has a rim of the same color as the perianth. Altogether, a most appealing flower and a favorite.

SS-215-5, 2Y-YYO (‘New Penny’ x [record lost]). The bright yellow perianth has smooth segments that are slightly pointed and have heavy substance. The bowl-form cup blends from bright yellow to medium orange, darker in the outer third of the corona.
SS-158-1, 1W-Y (‘Ben Aligin’ x ‘Compute’). A definite 1W-Y of beautiful conformation, even though the colors are soft and muted, rather than bright and sharp. The elegant corona is not distinctly yellow but a pale yellow suffused with orange-pink, although perhaps not so dark as to warrant other than a Y designation. A lovely, smooth flower of heavy substance and another favorite.

SS-228-1, 2Y-YRR (‘Patabundy’ x ‘Azzurro’). This perfectly proportioned flower is of ideal intermediate configuration. The flat, rounded perianth segments are a warm, deep yellow and the beautifully proportioned corona is a clear, brilliant orange-red. This flower is the best of its type yet seen and should have been (in my opinion) awarded Best Intermediate, if not Best Bloom. My favorite of the collection.

SS-067-3, 1Y-Y (record lost; probably involves ‘Little Gem’ and a standard 1Y-Y). A pale, perfectly formed little yellow trumpet of rather pointed form and quite different from something like the rounder form and bright yellow-gold color of ‘Sylph’.

Bob also entered several examples of his intermediate double seedling, SS-471-1, a 4Y-O, in the Silverton show (see photo on page 8). Three near perfect blooms of it were chosen as Best Vase of Three Intermediate. "The best intermediate double I’ve seen," Bob says, "and for several reasons. The flower is truly intermediate in size and not borderline big; it looks like an intermediate. The form is fully double (but not crammed), even, and regular, not bunched in the center. The back is flat and the six petals show no green. The neck is short and holds the bloom at a 90 degree pose. Due to accidental destruction of the field labels, parentage is unknown. It has been registered as ‘Sunface’.

A week later, a different stem of the double seedling was entered in the Hybridizer’s Section of the 2001 National Convention Show (see photo on page 8). Along with two other intermediate seedlings (SS-915-3, 2Y-O and SS-586-1, 2W-P; parentage of each is unknown), the collection won the Link Medal. Several judges thought the double so remarkable that it should have won Best Bloom in the Hybridizer’s Section. "Entering intermediates in what are traditionally standard classes entailed some risk," Bob states, "so I was pleased to see the collection win. As it turned out, it was an ideal way to present intermediates to a wider audience and, in particular, to daffodil judges."

At the Silverton show, ‘Lissome’ was judged not only Best Intermediate in the show but Best Bloom, as well. To my knowledge, this is the first time an intermediate has been so honored in an ADS show. Stan Baird exhibited the absolutely flawless example of this flower to win the award (see photo on page 8).
INTERMEDIATE DAFFODILS (See story on page 6)

Three Intermediate Seedlings
Goethe Link Award, Bob Spotts
National Show, Louisville
*Kirby Fong* photo

‘Lissome’ 2W-W
Gold Ribbon, Stan Baird
Silverton, OR Show
*Kirby Fong* photo

Spotts SS471-1, 4Y-O
Single stem of Bob Spotts’s intermediate double
*Kirby Fong, photo*
As an observation, I believe any daffodil classified as an intermediate (or, for that matter, miniature) should be that in all aspects and not just an appropriately sized flower on an out-of-proportion plant. Bob’s little daffodils bloom on smaller sized plants whose stems and foliage are in proportion to the reduced size of the flower. Just as I think that small flowers on standard-sized stems are inappropriate as miniatures (because they beg the definition of miniature), so is something like ‘Lissome’ inappropriate as an intermediate. Even though bloom size meets the requirement of being under three inches, those flowers on thick, two-foot stems, when defined as intermediates, stretch credulity.

In writing this, I kept thinking about just how one could hybridize for flowers in this class. Bill Pannill had a winning collection of intermediates at Knoxville (see photo in the June, 2001 Journal, page 213), and I asked him what flowers he had used to produce those seedlings and for some insight on breeding for daffodils in this class. In short, he said that he’d kept the fine examples of smaller flowers that occurred as a result of the variation to be found in any standard cross but had made no crosses specifically with intermediate daffodils in mind. He noted that Murray Evans would also find these flowers from time to time and ended up giving the bulbs to a lady with a rock garden who lived down the road since, at the time, there was no market for flowers of that size.

Elise Havens, on the other hand, has intentionally used smaller flowers (e.g., ‘Bantam’) to produce a number of attractive intermediate daffodils such as ‘Red Sheen’ and ‘Scarlet Tanager’. In addition, she offers a range of intermediate daffodils resulting from selections made from the genetic variation that occurs in standard crosses.

In looking at the parentage of Bob’s flowers in the Silverton collection, I notice that he did not seem to have used any flowers currently regarded as intermediate. Indeed, ‘Compute’ is about as far from intermediate as it is from miniature! How, then, had he ended up with those flowers? I asked Bob to provide some thoughts from his experience in breeding with this class of daffodils. Bob wrote:

I’ve been mulling over some of your observations and questions about my intermediate breeding program. I had never thought much about it, but here’s some of my history and also some conclusions.

In the beginning, my intermediate breeding was focused on pinks and trumpets. In 1988 I made over 80 crosses intended to produce intermediates. That was my peak volume year. Over the years, I most often used ‘Bonny Gem’ (my favorite parent, obtained from David Bell), ‘Sophie Girl’, ‘Rosebank’, ‘Foundling’, and ‘Shy Face’, intercrossing them sometimes but more often crossing them with ‘Pink Silk’, which produced smallish blooms for me after settling in here. In trumpets I have most often used some of my own seedlings out of ‘Little Gem’ x
N. asturiensis, putting this pollen on standard yellow trumpets. I also put ‘Little Gem’ pollen onto standard 1Y-Ys. The intermediate trumpet in the Silverton display was from one of those crosses—which one I don’t know. I have several decent intermediate 1Y-Y seedlings from those crosses in my backyard plots, but haven’t gotten increase. I used ‘Celilo’ x ‘Candlepower’ to create an incredible overlapping, smooth intermediate 1W-W which went to basal rot after blooming two years. Also ‘Dear Me’ x ‘Candlepower’ yielded several lovely miniature/intermediate 2W-Ps that lasted about three years.

For intermediate Y-Os, I often used ‘Rufus’ and ‘Craig Stiel’ as seed or pollen parent with numerous standards. The resultant seedlings were mostly too large. I also used ‘New Penny’—with better results. (I can’t keep ‘New Penny’ long here.) As you suggested, it would seem that I did better by chance, crossing two standards that grew here somewhat on the smallish side and selecting the smallest from the resultant natural variation. I never realized that until you pointed it out.

Where are the intermediate pink seedlings from those 1988 crosses? I see very few now in my backyard planting. Yet, I well remember marking many from the ‘Pink Silk’ x ‘Bonny Gem’ cross as “extraordinary!” Planting the best seedlings in my backyard plot was a monumental error. I have fought basal rot here since the first year when I stupidly bought and roto-tilled in a massive amount of landscape-quality mushroom compost under the thinking that my sandy soil needed additional organic material. Those seedlings—and all the triandrus hybrids I’ve exhibited in recent years as well—have succumbed to basal rot while under evaluation.

In general, my advice to others would be to hybridize in the types of daffodils that one’s climate will grow easily. How little frustration Bill the Bulb Baron has endured! [Dave Karmstedt explains, “Bill Welch of Carmel, CA, specializes in tazettas and, in his perfect climate for this type of daffodil, they grow like weeds for him. He is probably best known for his ‘Autumn Colors’ strain of multicolored fall-blooming tazettas that put on a marvelous annual show with minimal care.”] Specifically, what advice would I have for those breeding for intermediate daffodils? The genetic variation one finds in standard crosses will still produce the occasional intermediate daffodil, but there are now quite a number of good, smaller cultivars from which to start that are available from several sources. I would suggest, however, that one stick with tetraploid hybrids and not use diploids since crossing one with the other will normally produce infertile triploids. The basic point to keep in mind is that every breeder should develop his or her own seedling strains to use in breeding. Anyone (including me) can cross two good flowers and get another good one. The real skill is shown by those who develop seedling lines to produce flowers having their signature.
ENJOYING INTERMEDIATES IN THE GARDEN
David Burdick, Pittsfield, MA

The necessary evil of refereeing the weeds certainly provides the opportunity for close up observation of your flowers. During one such session a few years back I detected a fragrance that was definitely daffodil, yet not the distinctive sweetness of the jonquils or the spicy scent of the poets. On elbows and knees I followed my nose to a freshly opened bloom of little ‘Rimski’ 2W-YWP, and marveled at its light and delicious perfume. Such beauty rarely lingers—after just the second day it had ridden the winds elsewhere. The sniffing of ‘Rimski’ is now a much anticipated spring ritual, and “opening day” is closely monitored.

I grow lots of the daffodils on the suggested intermediates list (currently undergoing revision). At a time when bigger for whatever reason still seems to mean better, catalog mentions of smaller bloom sizes always catch my attention since phrases like “faultless form” or “breath-taking colors” usually accompany their descriptions. Any flower that can still turn a hybridizer’s head despite the lack of an established market for its type has to be special. Such was the case with ‘Birthday Girl’ 2W-GWW, the first true intermediate I ever purchased. This wasn’t a Division 3 with a lot of poeticus blood in it, or a cyclamineus descendant that failed to reflex. This is a “Honey, I shrunk the ‘Broomhill’!” daffodil. It proved to be exactly as Brian Duncan’s catalog claimed, “a small, jewel-smooth, pure white flower of perfect form.” I eagerly await the arrival of Brian’s latest introduction of intermediate measurement, ‘Lauren’ 3Y-GYR, which has the wonderful ‘Triple Crown’ and ‘Badbury Rings’ cultivars in its heritage. Because of this, my guess is that it will grow very well in the garden and make lots of beautifully smooth bulbs, traits that it will then share with ‘Birthday Girl’.

Brian’s never ending vision for improvement upon the old does not ignore his beautiful ‘Birthday Girl’. He believes the stems are a bit too long, and I agree that the height of the foliage might be a bit too tall relative to its flower size. He has suggested to me that someone should cross it with ‘Sidley’ 3W-GYY, an intermediate that is dwarfed and perfectly proportioned in every way—flower, stem, foliage, and even bulb size. This is truly a plant for the small-scale garden. As Harold Koopowitz emphasized at this past convention’s hybridizer’s breakfast, plant size and flower size should be in harmony.

‘Bantam’ 2Y-O has long been considered the ideal intermediate for the garden. Its small stature, fiery colors, and aggressive nature easily explain how it came to be named after the chickens of similar look and disposition. Plant a few and soon you have a barnyard full of them! Of
similar bright coloring is Ron Scamp’s double intermediate candidate, ‘Radjeł’ 4Y-R. Its maiden bloom for me this season was perfectly formed and long lasting in very hot and sunny weather. Another cultivar of similar habit to ‘Bantam’ is Elise Havens’ ‘Deference’ 2Y-Y. It is a beautiful clear yellow and has a nicely formed rounded bloom with a slightly curled back perianth. Time will tell if either of these more recent introductions will remain healthy and increase rapidly in the garden.

I’ve grown Alec Gray’s ‘Millennium’ 1Y-Y for a number of years. When it first opens you swear the petals are soon to reflex, but despite its cyclamineus blood, they never do. Its foliage seems to form a low, dense mat instead of growing upright, which makes it a good candidate for a spring groundcover. Once again, I’m anxious for this fall’s shipments to arrive, as Ron Scamp will be sending me some bulbs of his new pixie-sized ‘Skilliwidden’ 1Y-Y, another little trumpet with strong Division 6 heritage. He tells me it smothers itself with bloom, and describes his patch in the field as an early season sea of yellow. ‘Mary Kate’ 2W-GWP started out registered as a cyclamineus hybrid, but eventually got blackballed out of the club. The reflex is modest, and the short stemmed flower does hang its head a bit. In its favor, this plant produces fine healthy bulbs, and if one has to prove to skeptics that true pink exists in a daffodil, show them this one. It is lovely cut and brought inside.

‘Pink China’ 2W-P is also beautifully colored and sunfast. If only it would increase for me! ‘Starbrook’ 3Y-O, with all its secondary bloom stems, is simply a glorious flower arrangement growing out of the ground. Sisters ‘Scarlet Tanager’ 2Y-R and ‘La Traviata’ 3Y-YYR are quite different. The first is more beautiful and the second a better performer. Poeticus descendants of the short cup division that are too beautiful not to grow are ‘Grace Note’ 3W-GGY and ‘Fairy Footsteps’ 3W-GGW. Both have delightful coloring, as does ‘Delightful’ 3W-GYY. Still magical are ‘Dallas’ 3W-GWW and ‘Grey Lady’ 3W-WWP, introduced long before anyone considered intermediates as a separate classification. Find and grow the pre-1885 swan-like ‘Colleen Bawn’ 1W-W, a healthy spitting image of N.moschatus.

Fortunately, hybridizers and growers are already recognizing the market potential of intermediate daffodils, and judging from Bill Pan-nill’s and Bob Spotts’s Louisville exhibits, breeding specifically for intermediates may have started too. This is most exciting news.
TO BREED A BETTER DAFFODIL
Beth Holbrooke, St. Louis, MO and Suzy Wert, Indianapolis, IN

Just over the Indiana-Michigan state line in Niles, Michigan lies the unbelievable sixteen acres that comprise Oakwood Daffodils (see photo on the back cover), owned by Dr. John Reed. We met Dr. Reed on a rainy morning and began walking with him through the many acres of daffodils around his farmhouse.

At first we saw rows of yellow-pink seedlings bred from various crosses of ‘Milestone’, ‘Memento’, ‘Magician’, ‘Decoy’, and ‘Culmination’. The next color combination that caught our eyes was the bright orange and red (30-R, 20-R) of seedlings growing in yet more rows to the end of the field. These were crosses from ‘Rory’s Glen’, ‘Sabine Hay’, and ‘Red Haze’. There were four large clumps of reverse bicolors that “might be good enough to introduce” and long rows of whites with an assortment of different pink cups to be reviewed during the next few years.

As we kept walking, we could see a patchwork quilt of color spreading over several acres, with bright green dividing the large sections of individual colors. The astonishing thing we noticed was that only a very few flag markers were evident in the several thousand daffodil seedlings. Some were flagged to indicate that they had been pollinated, and others were flagged to be replanted elsewhere as possible introductions or for further breeding. Since much of Dr. Reed’s time is spent on his urgent care medical practice, he finds it difficult to walk the acres on a daily basis. When he does have time, he has a single-mindedness that allows him to persevere in his breeding plans on a large-scale basis. The color combinations and cup/trumpet sizes went on and on, as do Dr. Reed’s ideas for future breeding projects.

After walking and photographing and walking some more, we found that the light drizzle was turning to serious rain, but even so we hopped into the truck and drove half a mile to Dr. Reed’s other property, where he lines out seedlings and grows named cultivars in quantity. Clusters of daffodils were growing in long rows one to two feet wide almost to the tree line. After walking up and down each row to see all the varieties of seedlings, we came to the end of the huge field. What we hadn’t realized was that beyond the tree line was another huge field full of daffodils—and another field—and yet another field! We walked through them all until we finally came to the fields originally planted in 1984. There were so many beautiful flowers to see that I ran out of film, and for someone who buys in lots of 20, that almost never happens!
It is truly hard to believe that there was such a variety of crosses and so many infinite variations within each combination. John is now evaluating his third generation of whites with pink cups and trumpets and his second generation of yellows with pink cups and trumpets. He says he is one or two generations beyond ‘Culmination’ and two generations beyond ‘Magician’, and has only recently started back-crossing his own seedlings and introductions. He has been hybridizing daffodils for over twenty years. He managed to register and introduce 69 of his seedlings with the RHS this past year, after finally completing the paperwork and photographing and measuring the blooms, some of which were first hybridized in 1983. Many more clumps of numbered seedlings are being evaluated and will hopefully be introduced in future years.

After lunch we got to spend more time with John as he began to collect pollen and make a variety of crosses. Since his time is at a premium, the work has become very organized and efficient. He uses a hemostat (a tweezer-like tool curved at the end) to remove anthers from several blooms of the same variety. He puts them into a #2 gelatin capsule, closes the capsule, and then shakes the capsule to distribute the dry pollen. After collecting all of each type of pollen being used that day, he pollinates the seed parent (or several seed parents). The trumpets or cups are torn open so that, by squeezing above the ovary in back of the petals, the anthers of the seed parent are spread away from the stigma. The gel capsule is placed over the stigma where the pollen can evenly coat all sides and front. This becomes a quick and efficient way of working with long rows of daffodils at once. He puts the gel capsules of each type of pollen in a pill storage tray and records the crosses that were made in a three-ring binder (which also holds the pill trays). This entire package will be put in a freezer later if there is any pollen left.

His favorite breeding daffodils have been moved to the edge of a field close to his house. This makes hybridizing faster and more convenient. After about six weeks the seeds are collected and planted in seed boxes to allow for easier watering and weeding. The seed boxes, with covers made of hardware cloth to help keep the squirrels out, are contained in an area fenced off beside a corn crib (bulb shed). This protected area has an overhead misting system, and each box’s protective cover is removable for easier weeding. After remaining in these boxes for three years, the seeds are then lined out in the field for about five years. The bulbs are then removed from the field.

When he moves his small three-year-old unbloomed seedling “babies” he lines them out in rows of three bulbs planted seven inches apart. This wide spacing allows growth of each bulb without the need for lifting and replanting for several years. He uses four-inch wide PVC piping cut
six inches long and embeds it flush into the ground as a divider between the individual crosses. A marker label with several layers of clear coating goes inside the opening of the pipe. This allows him to mow over the rows without disturbing any labels and decreases weather wear on the labels.

If you live anywhere near the Niles, Michigan/South Bend, Indiana area, it is definitely worth a trip to see Oakwood in full bloom. Call ahead to find out when the annual daffodil open house will be to get a personal tour.

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THE BEST BULBS ARE NOT EASY TO COME BY
Chriss Rainey, Reston, VA

This is the time of year when bulbs are easy to come by. Orders arriving in the mail, groups hosting bulb sales, and meetings holding bulb exchanges make it easy for us to take bulbs for granted. But all too often we give no thought to how much time and effort went into their creation.

Our Handbook for Growing, Exhibiting, and Judging Daffodils devotes little more than two pages to hybridizing. The Daffodil Society’s Cultural Guide and Show Handbook sums it all up in just over a page. That’s all you need to know, really, if all you want to do is produce a bloom from a seed. The ADS Handbook even says, “Making a cross is simple.” That is certainly true. Pollen daubing isn’t hard at all. Coming up with a prize-winning new introduction, however, is another thing altogether.

My husband Spencer and I spent part of our spring this year in England and Northern Ireland. It was our pleasure to visit with Rosemary and John Pearson in Goldhanger and Betty and Brian Duncan in Omagh, enjoying daffodil shows before and after and in between. Having the opportunity to spend all day several days in a row in each of their fields is an awesome experience for a daffodil grower, and I came away with a much deeper appreciation for the first pages in their catalogs—the place reserved for the new introductions.

The Handbook will tell you how to produce a seed, how to plant it, and how many years before it produces a maiden bloom. It also speaks of “loading the pipeline” so that if you make crosses each year, you will get blooms each year after the initial wait. What it doesn’t tell you, but what I learned from John and Brian, is that it takes a lot of crosses, a lot of patience, and a very discriminating eye to bring a prizewinner to the marketplace. Besides large numbers, it also requires space.

Let’s examine a few facts. A single cross will produce many seeds, anywhere from two or three to 15 or 20. However, a single cross will not necessarily produce a winner, so many crosses are made each year to improve the odds and to achieve a goal—a whiter white, perhaps, or a darker pink, or a stronger stem.

John Pearson plants his seed in boxes he made himself and painted with green Cuprinol to prevent rot. The internal measurements are 11 inches by 14 inches. John plants exactly 100 seeds per box and leaves them for two years. The boxes unscrew and breakdown, which makes the task of removing and separating the tender baby seedlings less difficult. Brian fills his seed boxes with rows ½ inch apart and lines up the seeds ¼ inch or less apart. A box isn’t necessary, but it makes keeping up with
the tiny plants simple, and moving a box to a greenhouse in winter is an easy method of protecting them from severe winters.

After about two years, the seedlings are removed from the boxes and are grown on in the ground. Even though they are still quite small, they are given about as much space as other bulbs. Both Brian and John plant in rows 4 feet wide and both plant 10 seedlings per row about 1 foot apart. Selection begins when the first flowers bloom, which isn’t for at least three or four more years. Some are slower to bloom than others. Some suffer slug damage. Some take three or four years after that to get to their best. In this phase of growing, daffodils that show promise are noted in record books and marked with numbered stakes, and subsequent remarks are noted about their progress each year after that until they are dug and replanted with other “keepers.”

Time and again, I heard John say, “Not white enough” or “Not broad enough.” Even when spotting a flower that was unique, he questioned whether or not it would appeal to the exhibitor. Brian passed over hundreds of beautiful flowers because “There are too many like that already,” or “It’s not quite big enough,” or “It’s not quite small enough.” (I was excited about many more than was either Brian or John, but both humored me by putting a numbered stake by a few of them.) In the end, the number that actually makes the cut is staggeringly low. Those that do, must be grown on again after another replanting until they have multiplied enough to provide an adequate stock for marketing. Brian’s aim is to have 36 bulbs before introducing a flower. This takes between 12 and 15 years from seed to catalog introduction.

And what happens to all the rest that don’t make the grade for the catalog? Some are sold as mixed seedlings. Some are given away and loads of them are hauled away as trash. In any case, they too must be dealt with.

As do all hybridizers, Brian and John enjoy showing off their selections by exhibiting them in seedling classes or classes where the flowers are shown by the raiser. This is a chance to give an early debut to a special selection and an opportunity to build up its credentials as a show flower even before it is available to other exhibitors.
Frequently, Brian makes the same cross many times. For instance, in 1994 he crossed ‘Savoir Faire’ onto five ‘June Lake’ flowers and collected 79 seeds. In the five-year period from 1994-8 he made an average of 135 different crosses and collected more than 5,000 seeds each year.

Let’s do a little math. If you plant out 5000 seedlings, 10 per row, you would need 500 rows one foot apart in a four-foot wide bed. If you do this for seven years, the time it will take for the first ones to be fully evaluated and dug, you will need 14,000 square feet plus at least 6000 more square feet for the aisles between the rows. At the end of that time you will have 35,000 seedlings in the pipeline. Now consider that when you dig, you need to let the ground rest for three years before replanting it with bulbs. This will require you to have three more beds for the seedlings you will plant in years eight to ten, for a total of 28,000 square feet or approximately 0.6 of an acre devoted only to seedlings under observation. Add to that the area to grow on those selected each year and also the ground you will need for growing your named cultivars. All this may need to be considered before you go about brushing pollen here and there with abandon. If you create them, where will you put them?

Brian says that in the end maybe up to five percent get selected, if they are lucky, and only a few of these ever get named and introduced. It is their aim to reduce the selections by fifty percent each year by further scrutiny. This is no easy feat. It all takes time and daffodil season doesn’t last forever. There are shows to attend, flowers to groom, places to visit, conventions to attend, people to meet, new crosses to be made and recorded, and with spring being spring, rain showers and cold winds to brace against. The days are barely long enough to get through all there is to be done for thorough and accurate record keeping.

The answer for some may be to make fewer crosses. However, that puts you in the position of trying to strike it rich playing the nickel slot machines. Your chances of finding a real breakthrough are greatly reduced. The Cultural Guide and Show Handbook says: “The register of names is already heavily overloaded with thousands of names given to seedlings which produced one good bloom and then failed to live up to that promise.” The point is that hybridizers should be extremely discriminating and judiciously prudent to avoid at all cost the temptation to name flowers that add only to the numbers but have no special merit.

My intent is not to discourage those with the will to give it their best, but to shed a little light on the tremendous effort required to produce quality daffodil bulbs. This fall hold that new bulb you just acquired and take a minute to admire it. Considering the years of waiting and the hours of effort by the hybridizer who made it possible, remind yourself how very special it is.
FORMALIN DANGERS
Sara Van Beck, Atlanta, GA

After lurking on Daffnet for some time and seeing recommendations for the use of formalin in hot water treatment baths, I decided I had to go on record and submit this article regarding the use of formalin/formaldehyde. I have worked with biological specimens treated with the chemical and even assisted cleaning up a toxic waste site created by formalin use with biological specimens. Therefore, I've been reading with absolute horror that ANYONE would use this chemical to treat bulbs. I received the following from a university faculty biologist friend of mine to share with you:

Sara- Nice to hear the plant people are dipping themselves in formalin...I thought I would spend my cancerous convalescence with only a bunch of biologists. Anyway, I posted some info below. The official documents that come with formalin are long and rather depressing. After all the time we spent in the lab processing specimens, I'm surprised either one of us had semi-normal children.

The following memorandum should serve as a warning to all gardeners:

July 30, 1993
WATER RESOURCES DIVISION
Memorandum No. 93.44
Subject: SAFETY—Storage, Transportation, Handling and Disposal of Formaldehyde (Formalin) Solution

The purpose of this safety memorandum is to provide technical guidance in the handling, storage, transportation and disposal of the chemical formaldehyde (formalin) in solution, as provided under 29 CFR 1910.1048 and other applicable Federal and State regulations as amended.

CHEMICAL CHARACTERISTICS:
Formaldehyde is a colorless gas with a pungent, suffocating odor, most often used in aqueous solutions for purposes of preserving specimens. Formalin, the liquid formaldehyde solution used by the Water Resources Division, is a 30-50 percent formaldehyde by weight solution which can contain 10-15 percent methanol. Formalin, when exposed to air, will emit formaldehyde gas. Formaldehyde is a highly flammable
liquid/gas and should be considered a fire hazard. It strongly oxidizes in the presence of alkalis, acids, and phenols.

HEALTH HAZARDS:
Acute Effects
A. Ingestion: Concentrations greater than 10 percent cause severe irritation and inflammation of the mouth, throat, and stomach. Following ingestion, severe stomach pains, loss of consciousness, and death can occur.

B. Inhalation: Highly irritating to the upper respiratory tract. Concentrations of .05 to 2.0 parts per million (p/m) may irritate mouth, eyes, nose, and throat while 3 to 20 p/m can cause excessive tearing, difficulty in breathing, and coughing that may be intolerable to some persons. At 25-30 p/m formaldehyde causes severe respiratory tract injury, pulmonary edema, and pneumonitis. Formaldehyde is immediately dangerous to life and health at a concentration of 100 p/m.

C. Dermal: Formalin is a severe skin irritant causing discoloration drying, cracking, and scaling. Prolonged exposures can lead to numbness and hardening of skin, allergic eczematous dermatitis, or hives.

D. Eyes: Depending upon concentration, corneal clouding and loss of vision can occur.

CHEMICAL CHARACTERISTICS:
Chronic Effects
A. Carcinogenicity: In humans, formaldehyde exposure has been associated with cancers of the lung, nasopharynx, oropharynx, and nasal passages. Repeated and prolonged exposures increases risk.

B. Mutagenicity: Formaldehyde is mutagenic in several in vitro test systems showing properties of both an initiator and a promoter.

C. Toxicity: Prolonged or repeated exposure may result in respiratory impairment. Rats exposed to 2 p/m formaldehyde developed nasal tumors and change in cell structure of the nose while humans have been observed to have structural changes in the epithelial cells in the nose.

Warning/Caution: The perception of formaldehyde by odor and eye irritation becomes less sensitive with time and can lead to overexposure if workers are relying on formaldehyde's properties to alert them to potential danger.

EXPOSURE LIMITS:
The legal airborne permissible exposure limit (PEL) is 1 p/m in an 8-hour workday. Short-term exposure (15 minutes) is limited to 2 p/m while the action level for formaldehyde is 0.5 p/m.
FIELD HANDLING AND USE:

Transportation: Formaldehyde should be transported only in original container, fully labeled, and stored properly within the vehicle to prevent shifting, spillage, or breakage. Formaldehyde should never be opened, mixed, or transferred to sample vials at any time inside a closed vehicle. A Materials Safety Data Sheet (MSDS) should be in the possession of the user and made available to those working with this chemical. Contingency Spills and Response: During operational use and/or during transportation where an accidental spill is likely to occur, each field unit should have as part of their required emergency equipment, sufficient absorbent material to handle small spills. Clean, 1 gallon plastic Nalgene containers with Teflon screw caps, or equivalent, clearly labeled, should be available for small spills and for transporting used formalin from the field to the laboratory for proper disposal. Care should be exercised during clean-up that no person becomes dermally exposed to formaldehyde. If, during the emergency, the spill occurs where there is insufficient ventilation to proceed with clean-up, the area should be vacated immediately and others should be prevented from entering the spill area unless properly suited and with a self-contained air supply. Proper authorities should be notified if the spill occurs on a roadway or has potential to do harm by entering a water supply or other bodies of water where there is a greater exposure potential to humans and/or an aquatic ecosystem. A record of how much of the chemical was spilled and the method of clean-up and proper disposal should be undertaken once the spill has been contained and dealt with, not during the emergency. If exposed to formaldehyde, flush exposed skin with copious amounts of water and remove contaminated clothing as quickly as possible to prevent continued exposure.

PERSONAL PROTECTIVE EQUIPMENT:

At all times, formaldehyde should only be handled, mixed or added to specimen containers with the utmost caution, in ventilated areas such as open air table if in the field and under an appropriate fume hood if in the laboratory. Formaldehyde should never be opened or mixed while inside a vehicle. If there is the possibility of splashing, a face shield should be worn while mixing or pouring formaldehyde. At all times, disposable gloves must be worn to prevent dermal exposure when handling and/or mixing this product. NEVER smoke or have an open flame while working with formaldehyde.
STORAGE:

Formaldehyde should be stored in a cool, dry, well-ventilated area and properly labeled. Formaldehyde should never be stored in vehicles except to transport to and from field during sampling operations. Used formaldehyde, either from spill clean-up or from activities generated from the process of change-out of sample containers must be stored in a properly labeled hazardous waste container and made available for recycling under Resources Conservation Recovery Act (RCRA) protocols. Storage of waste formaldehyde should be in an area not frequented by the general population or duty workers and should be in an area not subject to heat cycles and well ventilated.

DISPOSAL:

Spilled or used formaldehyde is considered a hazardous waste and must be handled as a solid waste under RCRA. The generator—be it in the field office or the district office—must contact a hazardous waste contractor for appropriate disposal under RCRA regulations. An Environmental Protection Agency (EPA) identification number must be obtained for each site from which disposal of a regulated material or waste will be made. Instructions on how to obtain an EPA identification number were included in the "Hazardous Materials Assessment" document transmitted on May 14, 1993, by the Chief, Branch of Operational Support. Uniform Hazardous Waste Manifests (EPS form 8700-22) and records must be maintained on the amounts of waste formaldehyde, storage time, and the contractor involved in the hazardous waste recycling.

William B. Mann IV
Assistant Chief Hydrologist for Ops

AUTHORITY
1. Section 19 of Occupational Safety and Health Act (OSHA) 1970 - Public Law 91-596.
2. Executive Order 12196, Occupational Safety and Health Programs for Federal Employees.

REFERENCE REGULATIONS
1. 29 CFR 1910.1000 (OSHA) Toxic and Hazardous Substances
2. 29 CFR 1910.1048 (OSHA) Formaldehyde
5. 29 CFR 1910.1450 (OSHA) Occupational Exposure to Hazardous
SOON: THE VIRTUAL DAFFODIL SHOW:
A WORLDWIDE SHOW OF DAFFODIL PHOTOGRAPHY
Bob Spotts, Coordinator, World Daffodil Council

Be sure to view the World Daffodil Council's "Virtual Daffodil Show," coming soon on the Internet! It's called a "virtual" show because it will be a show of images—photographs—of daffodils. This cyber-show will be on the ADS website <http://www.daffodilusa.org>.

In 1999 Clay Higgins of Maryland came up with an innovative concept: a daffodil show on the Internet where all who visited could see the beauty of daffodils. Clay demonstrated his idea by using his photographs of daffodils, as well as those submitted by friends, to stage a daffodil show on his website. With nearly 100 photographs, his show gained many favorable comments from viewers, most of whom were gardening enthusiasts "surfing the Web," viewing sites dedicated to flowers. In September 2000, Craig Broadfield of Tasmania solicited daffodil photos from his Tassie friends to add to his own and also put up a successful cyber-show on his own website.

The potential of promoting daffodils worldwide was recognized by the World Daffodil Council. Peter Ramsay (NZ) led a group composed of Craig Broadfield (AUS), Tony James (UK), and Clay Higgins and Nancy Tackett (US) in designing a worldwide show—a show open to entry from anyone who can submit photographs through the Internet. That planning is nearing fruition.

WORLD DAFFODIL COUNCIL VIRTUAL DAFFODIL SHOW
PURPOSE
To encourage the general public to grow daffodils by displaying the inherent beauty of the flower

SCHEDULE OF PHOTOGRAPH CLASSES
A. Daffodil Portraits
   1. One trumpet daffodil
   2. One large cup daffodil
   3. One small cup daffodil
   4. One double daffodil
   5. One multiheaded daffodil
   6. One vase of three stems of daffodils
   7. One miniature daffodil
   8. One vase of three or more miniature daffodils
   9. A collection of five or six different daffodils
  10. One bloom not otherwise enumerated
B. Landscapes
   11. Daffodils in a garden or landscape setting
12. Daffodils in their natural, wild setting

C. Other Themes
13. Daffodils with pets/animals
14. An arrangement using daffodils with or without other flowers

RULES FOR EXHIBITING PHOTOGRAPHS
0. Show entry is open to all persons.
1. Entries must be submitted in jpg format.
2. Photographs must be taken by the entrant although not necessarily of blooms grown by the entrant. The entrant need not be the person transmitting the photograph.
3. Flowers in Section A of the schedule should be identified by name or number (breeding of seedlings should be given if possible)
4. Photos may come from any year of blooming.
5. Entries are restricted to one photograph per person per class.

JUDGING
6. Judging of the Portraits section will be on the basis of established daffodil judging criteria.
7. Judging of the Landscapes section and Pet/Animals class will be by persons experienced in judging photography exhibitions. Judging of the Arrangements class will be by persons skilled in judging floral artistic arrangements.
8. All judging will accomplished electronically.
9. In addition to the official judging, there will onsite tallies for the viewing public to vote their preferences.

ADS Website and Server managers are proceeding with preparations for the Virtual Daffodil Show. Some of the technical accomplishments required are imposing:

- The receiving and posting of entries must be automated; by opening the entries worldwide over the Internet, the number of entries is unpredictable and could be large. Nobody wants the burden of examining and posting each entry.
- The entries must be screened for appropriateness of content before judging. Anything might be submitted.
- Each entry must be assigned to its correct class.
- Each entry must be associated with its title. The pictures will be .jpg; the titles will not.
- The entrant's name must be associated with the entry but hidden until the completion of judging.
- There must be an onsite public voting counter, perhaps for each class but certainly for each category.
- Links must be arranged to as many other websites as possible (e.g., plant societies, garden sites, horticultural news sites).
THE ADS CONVENTION
April 18-20, 2002
Cincinnati, Ohio
Linda Wallpe, Convention Chair

The South Western Ohio Daffodil Society (SWODS) asks that you present yourself at their Court, the Drawbridge Inn, for the 2002 ADS Convention. Active participation in all tournaments is encouraged and expected.

The Tournaments

Bring Flowers! London Hall will be open for staging at 3 PM Wednesday the 17th until 9 AM Thursday the 18th. The show will include a special SWODS class for a vase of three stems of a cultivar whose name suggests medieval times. There will also be photography classes for you to enter your daffodil photographs.

Also bring your non-flower daffodil items—china, silver, all that stuff you've been collecting—because immediately after flower staging closes on Thursday, the staging area will become the Ooh & Ahh Daffodil Show, which will have classes for single items as well as collections of three, five, and more, much like a regular daffodil show. (For a complete description refer to the December, 2000 issue of The Daffodil Journal.) Everyone is encouraged to make two or three entries but don't go wild; entries will close at noon.

Thursday lunch is on your own. The hotel has three restaurants and there are many restaurants in the surrounding area, including a Montgomery Inn on the Drawbridge campus. The Montgomery Inn is famous for its ribs and boasts that Bob Hope frequently has them flown in. The boutique will be open just in case you feel a need to add to your collection. By 2 PM, the judging for both shows should be completed and the doors thrown open for close examination and picture taking! At 3 PM an Awards Presentation unlike any Awards Presentation you've been to before will take place in the show hall. The Board of Directors will meet following the Awards Presentation.

Bring a costume on a medieval or courtly theme! Think knights, lords and ladies, jesters, peasants, wizards, monks, and highwaymen. Thursday evening will be the time to wear it. Thursday evening begins at 6:30 with a cash-bar reception in the Show Room. A Medieval Banquet begins in Canterbury Hall at 7:30 and merriment is planned. The serving wenches you met in Louisville will be there to award prizes for best
The SWODS Drawbridge Players, fresh from their engagement at the Louisville Convention, welcome all to the 2002 ADS Convention in Cincinnati. Serving Wenchés (l to r): Donna Dietsch, Mary Lou Gripshover, Rebecca Koesters, Sally Heckscher, Betty Kealiher, Liz Ragouzis, Kathy McGowan; Court Jester: Tom Stettner Jr.; Reporter: George McGowan; King Alfred: Bill Lee; Empress of Ireland: Linda Wallpe; Flagbearer: Bill Newill; A/V Expert: Ross Hunt.

Sally Heckscher photo

costumes. This will be a casual event so plan on greasy fingers. The ADS annual meeting will occur at the end of this banquet.

Friday Happenings
At 7 AM Friday morning, breakfast will be served up for those attending the Hybridizer’s or Judge’s Refresher sessions. Then all conventioneers are asked to appear in Canterbury Hall promptly at 9 AM. Helen Trueblood will conduct a hands-on session titled How Men Arrange Flowers. Women will comprise the jeering section. At 10 AM all registrants will report to the show floor for a series of mini-sessions offering information or demonstrations on a particular division or exhibit topic. Topics planned include grooming cyclamineus, selecting for a large collection, reverse bicolors, arranging stems for vases of three, poeticus daffodils, and many more. You’ll have the chance to attend four different sessions during the hour.

At 11 AM we will board buses for three garden tours in Clermont County just east of Cincinnati. Bill Lee and Hurst Sloniker live on seven wooded acres with collections of daffodils, wildflowers, daylilies, conifers, magnolias, redbuds, dogwoods, and many other trees, shrubs, and perennials. Mary Lou Gripshover’s garden includes more than 2,000 dif-
different daffodil cultivars and many spring bulbs and wildflowers. The 175-acre Cincinnati Nature Center is now a mature garden and preserve. Originally the home of Carl Krippendorf, who purchased the property at the turn of the twentieth century, its plantings became the subject of published letters between him and Elizabeth Lawrence. It encompasses both wooded and prairie areas filled with wildflowers and thousands of naturalized daffodils and many other spring-flowering bulbs. Birdwatchers prize it. Lunch will be served at the tour sites.

Our guest speaker for Friday evening's banquet, Janis Ruksans, comes all the way from Latvia. He will talk about his species-collecting travels into the Russian mountains as well as his daffodil breeding program. Afterwards, everyone is invited to help tear down the flower show, a great way to make new friends and laugh with old ones.

Saturday Happenings
Saturday begins with breakfast on your own, followed by three hours of concurrent educational sessions from 8 AM until 11 AM. Don't forget to mark your 3 top choices on the registration form and we'll do our best to accommodate. The selections include:

A Brief Course in Daffodil Genetics—Harold Koopowitz. Harold Koopowitz dazzled diners at the Louisville convention with a brief, understandable, and fascinating explanation of the embryo rescue research project he is conducting sponsored by the ADS. He will continue in Cincinnati by explaining the basics of daffodil genetics so that enthusiasts can expand their understanding of the genus at the cell level. At last you'll understand what 2n=22 means. This session will be of special interest to all amateur hybridizers as well as those who want to know more about our favorite flower.

All About Species—Kathy Andersen. Kathy Andersen has devoted many years to a study of the daffodil species. Kathy will help you understand the classification of the many Narcissus species and demonstrate how to identify them by using slides from her collection. Along the way she'll also share her observations on growth habits and variations in wild populations of species based upon trips to Spain, France, and Andorra.

Companion Bulbs for Daffodils—Jason Delaney. Jason Delaney, Bulb Curator at the Missouri Botanic Gardens (MOBOT), has tried many different combinations of bulbs with daffodils at MOBOT and, illustrating his talk with a slide show, will share his observations and successes. Jason promises that you can have bloom from spring through fall using companion bulbs planted with your daffodils.

What I've Figured Out About Daffodils—Keith Kridler. Keith Kridler grows large numbers of daffodils in Mt. Pleasant, Texas, where
conditions are not always ideal. Keith will share his experiences growing daffodils in a hot climate and tell tales, perhaps even some tall ones, about how he approaches planting and caring for daffodils. Daffinetters already know that Keith is creative and inventive and that his postings always bring a smile or a laugh. Keith is known for ingenious solutions to hot water treatment and battling Mother Nature. Wait until you hear how to use rubbish from construction sites in your garden.

Historic Daffodils—Joe Hamm. ADS Historic Daffodils Chairman Joe Hamm will continue the saga of the early daffodil hybridizers he began in Louisville. Building on last year’s session of the "Fabulous Five Plus" (including Engleheart, the Backhouses, The Brodie of Brodie, the Williamses, and Wilson), Joe will continue with the "Litany of Narcissus Saints: Alkemade through Zeestraten," a presentation of slides, dialogue and handouts highlighting outstanding historic cultivars and their creators. These individuals developed the genetics that give us the perfection we so value in contemporary daffodils today.

Buses will be boarded at 11 AM Saturday for three more garden tours. Don and Marge Caton live and garden on three acres, formerly part of an old farm. Their newest daffodil bed is devoted to cultivars associated with a musical theme. Linda and Paul Wallpe have lived in the same house for 25 years on one-half acre in an old neighborhood in the city. Linda is the gardener, specializing in nothing, just planting what takes her fancy. Paul wields the mower and chainsaw, sometimes not following Linda’s directions carefully. We will also visit the Civic Garden Center, which enjoys a large collection of trees, shrubs, and perennials. A new feature at the Garden Center is the Peggy Macneale Daffodil Garden, sponsored by SWODS. The Board meeting will begin at 4 PM.

A short bus ride will take us to the site of Saturday’s cocktail hour and banquet, Union Terminal. One of the most impressive examples of Art Deco architecture in the country, Union Terminal was built in 1933 as a center for rail travel, and now serves as a museum center. We will dine in the Grand Rotunda featuring the original Italian marble, a 110-foot domed ceiling, and vibrant mosaic murals. Richard Ezell, former ADS President and noted storyteller, will be our featured speaker. The subject matter has been left up to him but we know that he will surprise and entertain us!

Sunday an optional tour is offered. The bus will leave the hotel in the morning and travel an hour north to the Dayton area. The first stop will be Aullwood Garden, a country garden in a woodland setting. The garden contains many thousands of wildflowers including bluebells, trillium, spring beauties, hepatica, and Dutchman’s breeches, as well as naturalized daffodils, and redbuds and magnolias. Mrs. Aull donated the
land to the county park district with the provision that she could remain living there. As of this writing she is still there and is 104 years old. The second stop is the U.S. Air Force Museum, one of the oldest and largest military aviation museums in the world. The collection holds more than 300 aircraft and missiles, including the presidential planes of FDR, Truman, Eisenhower, Kennedy, and Johnson. This is an extremely popular site in the Dayton area. Lunch will be included in the tour and buses will return in time to meet evening flights.

Judging School III will be held at the hotel on Sunday, April 21. Judging Schools Chairman Nancy Wilson is in charge of arrangements and anyone interested in participating should contact her: 6525 Brice-Thorn Road, Garberville, CA 95542; tel: 707-923-2407; email: nwilson@asis.com.

The Drawbridge Inn & Convention Center in Fort Mitchell, Kentucky will be our headquarters. Conveniently located between the Greater Cincinnati airport (which is in Kentucky!) and downtown Cincinnati, it's just off I-75. The hotel has free airport shuttle service and parking is free at the Inn. Note that the hotel registration form shows two different room rates. The main building is attached to the convention area where the daffodil show and meeting rooms will be located. The Garison building, with lower-priced rooms, is separate from but quite close to the main building. The more rooms we fill, the more free services we get for the convention, so help us fill as many as possible in either of the two buildings. The convention registration table will be open from noon to 10:00 PM in the hotel lobby. On Thursday it will move to the lobby outside the showroom.

SWODS has a website <www.swods.net> and you can register and pay on the website using your credit card via PayPal. Don't have a PayPal account? No problem, it's a snap to set one up, the service is free to consumers, and they'll give you $5.00 to do it! PayPal provided the world's first instant and secure online payment service and is the world's largest Internet-based payment network. This revolutionary new service provides a safer, faster, easier, and cheaper way to move money in today's digital economy. Thousands of businesses accept PayPal on their websites. Just click on the link and they'll walk you through it step by step. And while you're out on the Web, you can also make your hotel reservation at the Drawbridge website <www.drawbridgeinn.com>. SWODS members encourage you to join them in these festivities and look forward to entertaining you!
**ADS DAFFODIL CONVENTION 2002**  
April 18-20, 2002  
Drawbridge Inn & Convention Center  
2477 Royal Drive (I-75 and Buttermilk Drive, Exit 186)  
Ft. Mitchell, KY 41017

Name(s)  
Address  
City, State, ZIP  
Phone ___________________________  E-mail ________________________

First name (to be shown on your badge) ____________________________

- This is my first ADS Convention (I'm a First-Timer)
- I'm willing to be a mentor (I'll help a First-Timer!)
- I plan to exhibit in the ADS National Show
- I plan to exhibit photographs in the ADS National Show
- I plan to exhibit in the First-Ever National Ooh & Ahh Show

**Registration fee:** Includes: National Show, Fri. & Sat. tours, and banquets.

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<th>Option</th>
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**Optional Activities**

**Friday:**
- Hybridizer's Breakfast ............................................. $15.00
- OR Judge’s Refresher Breakfast .................................... $15.00
- Additional charge if Judge’s Refresher Credit is needed.. $ 3.00

**Sunday:**
- Dayton Tour: Aullwood Garden and Air Force Museum . $40.00
(Minimum of 20 participants required for Dayton tour)

**TOTAL ENCLOSED** ______________

To assist planning, please indicate which of the following concurrent sessions you are most likely to attend (please check only three):

- Harold Koopowitz: Daffodil Genetics  
- Kathy Andersen: Species  
- Keith Krielder: Growing Daffodils  
- Joe Hamm: Historic Daffodils  
- Jason Delaney: Companion Bulbs  
- Notes for the Newcomer  
- Soil Preparation  
- Health and Gardening

Send completed registration form and check payable to **ADS Convention 2002** to:

Mrs. James Henninger, Registrar  
6119 Madison Road  
Cincinnati, Ohio 45227

Or register by credit card using Paypal at the SWODS website: www.swods.net
HOTEL RESERVATION REQUEST
AMERICAN DAFFODIL SOCIETY CONVENTION April 18-20, 2002
Drawbridge Inn & Convention Center
2477 Royal Drive, Ft. Mitchell, KY 41017
Out-of-State: 800-354-9793; In Kentucky: 800-352-9866
Local: 859-341-2800; Fax: 859-341-5644
Internet: http://www.drawbridgeinn.com

Make reservations before March 18, 2002 to ensure room availability. When reserving by phone, be sure to identify yourself as part of the ADS Convention.

Name_________________________
Address_________________________
City, State, ZIP____________________
Phone_________________________
Date of Arrival_________________ Date of Departure___________
Arrival before 6:00 PM: [ ] Yes [ ] No
Reservation guaranteed: [ ] Yes [ ] No
Do you wish confirmation: [ ] Yes [ ] No

Main Building
Rate, $92.00
[ ] Single, 1 bed, 1 person
[ ] Double, 1 bed, 2 persons
[ ] Double, 2 beds, 2 persons
Preference: [ ] Smoking [ ] Non-Smoking
$10 each additional person; children under 18 FREE in same room
(Rate does not include 10.24% tax)
Group rate valid for up to three days before and three days after event

Garison Building (detached)
Rate, $72.00
[ ] Single, 1 bed, 1 person
[ ] Double, 1 bed, 2 persons
[ ] Double, 2 beds, 2 persons

To guarantee reservation for arrival after 6:00 PM, send deposit for one night’s lodging (plus tax) or complete credit card information.

Name of Cardholder_________________________
Card Number_________________________ Exp. Date___________
Signature_________________________

Master Card, VISA, Diners, American Express, Discover Accepted
NEW ZEALAND DAFFODIL TOUR
David Adams, Christchurch, NZ

Following the wonderful time we had in 1996, a number of people have asked for another tour of New Zealand. It’s about to happen!

Starting at the North Island National in Wellington the tour will begin on September 13, 2002. A week will be spent moving north through daffodil gardens and scenic highlights to Hamilton.

From Hamilton we fly to Nelson, visit daffodil patches, and then view the majestic South Island bush, mountains, lakes and seascapes.

The tour will end at the first official Australasian Daffodil Championships and South Island National in Christchurch on September 28th and 29th. There will be the chance to meet again your friends from both New Zealand and Australia. Highlight of the weekend will be the 50th Jubilee of the Christchurch Daffodil Circle.

Spouses and friends will be cared for and will not be subjected to daffodils for a longer time than is bearable.

Jan Coyle has again agreed to lead the tour and will handle American travel arrangements. The tour will be coordinated by Travel Time of Hamilton.

A full registration package will be available from David Adams, Pound Road, RD 6, Christchurch, New Zealand 8021; Phone: 0064-3-3426-236; Fax: 0064-3-3426-232 (note: the extra 3 may not be required); e-mail: d-l.adams@xtra.co.nz.

Registrations will close June 30, 2002.

THE FLOWER OF HOPE
Michelle Scott, Auckland, NZ

The daffodil is internationally recognized as the symbol of hope and renewed life for all who have been touched by cancer. The daffodil heralds spring, the season of hope, and the new life it brings. The daffodil, for the Cancer Society, reminds us that there is a life after a diagnosis of cancer.

The daffodil has now been adopted by the Cancer Society in New Zealand as its corporate logo.

Daffodil Day was first introduced by the Canadian Cancer Society 20 years ago. Since then, Daffodil Day has been adopted by Cancer Societies in more than 30 countries, including the USA, Canada, England, Ireland, Australia, and New Zealand. The date differs in each country depending on the hemisphere and season; however, to
guarantee supply and quality, most countries now use a fabric daffodil for their street appeals.

In New Zealand Daffodil Day is held every year on the last Friday in August, and is the Cancer Society’s biggest annual awareness and fundraising event. This event mobilizes thousands of volunteers throughout New Zealand and generally involves the exchanging of a daffodil for a donation. Money raised from these sales is spent providing support services to patients and their families, scientific research into causes of cancer and better treatments, a public information service, accommodation for out-of-town patients undergoing long-term treatment at city hospitals, and the promotion of healthy lifestyles with an emphasis on the prevention and early detection of cancers. (Email Michelle at mscott@akcansoc.org.nz)

---

RHS Award of Merit Varieties (for Exhibition)

'Goldfinger'
'Silverwood'
'NotreDame'
'Campion'

'RHS Award of Garden Merit Varieties (after Trial at Wisley)

'Barnum'
'Dispatch Box'
'Notre Dame'
'Kaydee'

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BRIAN DUNCAN

Novelty and Exhibition Daffodils
REGIONAL DIRECTORS' CORNER

Olivia Welbourn, Liaison for Regional Directors to the ADS

The Regional Directors have established a round robin as a vehicle of communication within the ADS. It is our sincere hope to share our ideas for the betterment of our sister societies and the ADS through a series of articles. It is important to keep in mind that since our regions and societies are very diversified geographically and demographically, our collective needs and concerns differ dramatically. In my initial article, I would like to define the Mid-Atlantic region and share with you an educational program that was hosted by the Maryland Daffodil Society (MDS).

The Mid-Atlantic region includes Maryland, Washington, D.C., Virginia, North Carolina, and West Virginia. We are very fortunate since most of the eight to ten daffodil shows per season are within a reasonable driving distance from one another. We are particularly lucky as we have over sixty judges in our region. We look forward to our regional meeting every fall, where we enjoy informative programs, fun, and fellowship.

An Educational Program Is Born

Seven years ago, as I finished picking up my few ribbons at the Maryland Daffodil Society show, I was overcome with mixed emotions. I was exhilarated by my ribbons, but I was also frustrated by all that I did not know about growing daffodils. I had been a “garden clubber” for ten years so horticulture was not new to me. I knew plants had their own optimum conditions to grow but I knew little about daffodils. After growing daffodils for three years and seeing the difference of some show blooms in comparison to mine, I knew there had to be more pieces to the daffodil-growing puzzle.

As luck would have it, Anne Donnell Smith witnessed both my exhilaration and frustration, and very kindly began to answer my questions about growing show quality daffodils. Recognizing that I was not the only person in the MDS seeking information, she designed a pilot series of three workshops to educate the membership on daffodil growing and cultivating techniques. She and I set out to deliver these informative workshops. Attendance was limited to fifteen people to keep the workshop “hands on” and manageable. I have outlined the three sessions for your convenience.

**Session I: Start Up, Held in June**

- Understanding catalogs, show schedules, and their relationship to your collections
- Acquiring bulbs for your collection
- Hands on digging of existing bulbs at workshop site
• Cleaning, washing, and storing freshly dug bulbs
• Distributing freshly dug bulbs to take home
  
  **Session II: Planting, Held in October**

• Locating the bed
• Preparing the bed
• Amending the soil
• Fertilizing the daffodils
• Charting your bed
• Incorporating show bulbs into perennial borders
  
  **Session III: Off to the Show, Held in April at a Live Show**

• Reviewing show schedules
• Choosing your blooms
• Preparing and conditioning your blooms
• Transporting your blooms to the show
• Preparing entry cards
• Assembling a collection

Fifteen individuals signed up for the workshops. The individuals ranged from novices to experienced growers. The workshops were very successful. All fifteen have become avid participants in our MDS show process. Many of the new exhibitors have become stalwart clerks for our MDS show. Three have gone on to chair an MDS show; four have taken up the challenge of ADS judging school; two have become ADS Regional Directors; and one has even written an article for the *Journal*.  

For what took just a little effort in preparation, the rewards to the individuals, the MDS, and the ADS were fantastic! I urge you all to consider offering an educational program in your society as a way to increase your membership and to share the experience of growing, grooming, and exhibiting show quality daffodils. We all stand to benefit from this wonderful learning experience.

---

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INTRODUCTION TO 2001 SHOW REPORTS

Bill Lee, Editor

This year’s show report listings include forty-two shows. The Hillsboro, Oregon show was received too late to be included. The cultivar lists below show cultivars reported seven times or more. Both the order and the cultivars are significantly different from last year’s list, although many of the cultivars are the same as last year’s. I suspect our earlier-than-usual spring weather played a large part in these differences.

It has been suggested that the miniature and standard cultivars should not be reported separately, which, were the suggestion followed, would place ‘Sabrosa’ after ‘Rapture’ this year. However, what such a plan fails to consider is that there are only 173 cultivars on the miniatures list but there are many thousands of standard cultivars suitable for exhibition. A high frequency of blue-ribbon awards for a standard cultivar is therefore much more difficult to achieve than a high frequency for a miniature cultivar.

Many thanks to Kirby Fong, Michael Berriagan, Suzy Wert, and Linda Walle for painstakingly verifying all reported cultivar names and their divisions and color codes, and then typing them in the required format for the Journal.

Standard Cultivars Reported Seven Times or More

<table>
<thead>
<tr>
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<tbody>
<tr>
<td></td>
<td>(8) ‘Lemon Silk’ 6YYW-W</td>
<td>(7) ‘Pink China’ 2W-P</td>
</tr>
<tr>
<td></td>
<td>(8) ‘Putbeck’ 3W-YOO</td>
<td>(7) ‘Pink Silk’ 1W-P</td>
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Miniature Cultivars Reported Seven Times or More

<table>
<thead>
<tr>
<th>(21) ‘Sabrosa’ 7Y-Y</th>
<th>(15) ‘Little Rusky’ 7Y-</th>
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<tbody>
<tr>
<td>(20) ‘Segovia’ 3W-Y</td>
<td>GYO</td>
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<tr>
<td>(15) ‘Minnow’ 8W-Y</td>
<td>(11) ‘Clare’ 7Y-Y</td>
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<tr>
<td>Date</td>
<td>Sponsor</td>
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</tr>
<tr>
<td>Louisville, KY April 5-6</td>
<td>Kentucky Daffodil Society Ex: NR/1240/2422</td>
</tr>
<tr>
<td>Dallas, TX March 17-18</td>
<td>Texas Daffodil Society Ex: 17/237/438 Art: 5/18</td>
</tr>
<tr>
<td>Clinton, MS March 10</td>
<td>Central Mississippi Daffodil Society Ex: 23/462/992</td>
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1 Sponsor is followed by: No. of Exhibitors/Exhibits/Blooms; No. of Artistic Arrangements: Exhibitors/Exhibits. NR = Not Recorded
<table>
<thead>
<tr>
<th>Container:</th>
<th>Junior Best Bloom</th>
<th>Historic</th>
<th>Silver</th>
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<tr>
<td>Standard</td>
<td>Junior Vase of 3</td>
<td>Intermediate</td>
<td>(No. of Blue Ribbons)</td>
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<td>Miniature</td>
<td>Small Grower</td>
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<tr>
<td>Species</td>
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<tr>
<td>Charles Schad</td>
<td>Autumn Stewart</td>
<td>Becky Matthews</td>
<td>Jack Hollister (21)</td>
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<tr>
<td>'Quail' 7Y-Y</td>
<td>'Shadow' 2W-GWW</td>
<td>'Saint Keverne' 2Y-Y</td>
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<tr>
<td>Returned</td>
<td>Autumn Stewart</td>
<td>(1934)</td>
<td></td>
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<tr>
<td>Returned</td>
<td>'Omega' 9W-YYR</td>
<td>Beth Holbrooke</td>
<td></td>
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<tr>
<td>Returned</td>
<td>Sheila Broughton</td>
<td>'Capisco' 3W-GYR</td>
<td></td>
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<tr>
<td>Returne</td>
<td>'Lemon Silk' 6YYW-W</td>
<td></td>
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<tr>
<td>Shawn Kridler</td>
<td>'Memento' 1YYW-P</td>
<td>Andrew Armstrong</td>
<td>Shawn Kridler (28)</td>
</tr>
<tr>
<td>'Duke' 2Y-O</td>
<td>Shawn Kridler</td>
<td>'Erlicheer' 4W-Y (1934)</td>
<td></td>
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<tr>
<td>Bob Spotts</td>
<td>'Silver Surf' 2W-W</td>
<td>Keith Kridler 94-6 sdlg.</td>
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<tr>
<td>'Rip van Winkle' 4Y-Y</td>
<td>Diane Ames</td>
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<tr>
<td>Returned</td>
<td>'Arapaho' 2W-OYY</td>
<td></td>
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<tr>
<td>Sarah Lazarakis</td>
<td>Miranda Fay</td>
<td>Kirby Fong</td>
<td>Kirby Fong (30)</td>
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<tr>
<td>'Duke' 2Y-O</td>
<td>'Hillstar' 7YYW-YWW</td>
<td>'Orange Queen' 7Y-Y</td>
<td></td>
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<tr>
<td>Bob Spotts</td>
<td>Returned</td>
<td>(1908)</td>
<td></td>
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<tr>
<td>'Rip van Winkle' 4Y-Y</td>
<td>Bill Scholz</td>
<td>Sid DuBose</td>
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<tr>
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<td>'Lemon Silk' 6YYW-W</td>
<td>Hager D220, 2Y-YYO</td>
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<td>Returned</td>
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<tr>
<td>Kirby Fong</td>
<td>Miranda Fay</td>
<td>Joan Alliston</td>
<td>Sandra Stewart (18)</td>
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<tr>
<td>'Phalarope' 6W-Y</td>
<td>'Tahiti' 4Y-O</td>
<td>'Beryl' 6W-YYO (1907)</td>
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<tr>
<td>Returned</td>
<td>Returned</td>
<td>Sandra Stewart</td>
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<td>Returned</td>
<td>Returned</td>
<td>'Treasure Waltz' 2Y-Y</td>
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<tr>
<td>Returned</td>
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<tr>
<td>Walter Blom</td>
<td>Tyler Fanning</td>
<td>Walter Blom</td>
<td>Steve Vinisky (17)</td>
</tr>
<tr>
<td>'Segovia' 3W-Y</td>
<td>'Pink Silk' 1W-P</td>
<td>'Trouseau' 1W-Y</td>
<td></td>
</tr>
<tr>
<td>Walter Blom</td>
<td>Haley Cox</td>
<td>(1934)</td>
<td></td>
</tr>
<tr>
<td>N. bulbocodium tenuifolius 13Y-Y</td>
<td>'Actaea' 9W-YYR</td>
<td>David Smith</td>
<td></td>
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<tr>
<td>Not offered</td>
<td>Not offered</td>
<td>'Dik Dik' 2Y-R</td>
<td></td>
</tr>
<tr>
<td>Lori Smith</td>
<td>Monica Dekat</td>
<td>Kirby Fong</td>
<td>Bob Spotts (26)</td>
</tr>
<tr>
<td>'Ice Wings' 5W-W</td>
<td>'Salome' 2W-PPY</td>
<td>'Queen of the North' 3W-Y (1908)</td>
<td></td>
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<tr>
<td>Karin King</td>
<td>Returned</td>
<td>Kirby Fong</td>
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<tr>
<td>'Golden Quince' 12Y-Y</td>
<td>Karin King</td>
<td>'Maya Dynasty' 2Y-Y</td>
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<tr>
<td>Returned</td>
<td>'Lingerie' 4W-Y</td>
<td></td>
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<tr>
<td>Nancy Robinson</td>
<td>Betty Garcia N. x odorus 13</td>
<td>Sara Van Beck</td>
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<tr>
<td>(1897)</td>
<td></td>
<td>'White Lady' 3W-Y</td>
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<td></td>
<td></td>
<td>Betty Hartzog</td>
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<tr>
<td></td>
<td></td>
<td>'Rimski' 2W-YWP</td>
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39
<table>
<thead>
<tr>
<th>Date Sponsor</th>
<th>Gold Mini Gold</th>
<th>White Mini White</th>
<th>Rose Mini Rose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conway, AR</td>
<td>Jim Russell 'Loch Leven' 2O-ORR</td>
<td>Frances Goodenough</td>
<td>Returned</td>
</tr>
<tr>
<td>March 17-18, Arkansas Daffodil Society</td>
<td>Larry Force 'Mirimoto' 10W-Y</td>
<td>'Loch Hope' 2Y-R</td>
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<tr>
<td>Ex: 20/339/660</td>
<td></td>
<td>Larry Force 'Ferdie' 6Y-Y</td>
<td></td>
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<tr>
<td>Hernando, MS</td>
<td>Larry Force 'Sea Legend' 2W-W</td>
<td>Larry Force 'Whisky Mac' 2YYW-W</td>
<td>Returned</td>
</tr>
<tr>
<td>March 24-25, Garden Study Club of Hernando</td>
<td>Frances Goodenough 'Xit' 3W-W</td>
<td>'Angel's Breath' 5Y-Y</td>
<td></td>
</tr>
<tr>
<td>Ex: 35/512/1117 Art: 17/43</td>
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<td>Returned</td>
</tr>
<tr>
<td>Knoxville, TN</td>
<td>Ruth Pardue 'Florence Joy' 2W-W</td>
<td>Lois VanWie 'Beryl' 6W-YYO</td>
<td>Frank Galyon</td>
</tr>
<tr>
<td>March 24, East Tennessee Daffodil Society</td>
<td>Delia Bankhead 'Pequenita' 7Y-Y</td>
<td>'Minnow' 8W-Y</td>
<td>1C-3-HST, 5Y-Y (&quot;Ice Chimes' x 'Hillstar&quot;)</td>
</tr>
<tr>
<td>Ex: 23/207/496 Art: 13/18</td>
<td></td>
<td></td>
<td>Frank Galyon</td>
</tr>
<tr>
<td>Richmond, VA</td>
<td>Kathy Welsh 'Ibis' 6W-Y</td>
<td>Margaret &amp; Skip Ford 'Lemon Silk' 6YYW-W</td>
<td>Returned</td>
</tr>
<tr>
<td>March 28-29, Garden Club of Virginia (GCA)</td>
<td>Diane Spence 'Yellow Xit' 3W-Y</td>
<td>Richard Ezell N. bulbocodium 13Y-Y</td>
<td>Mrs David Carson</td>
</tr>
<tr>
<td>Ex: 94/NS/1096 Art: 67/NSN</td>
<td>Steve Vinisky 'Lissome' 2W-W</td>
<td>Steve Vinisky 'Spotts SS-690-1, 2Y-WPP</td>
<td>Steve Vinisky</td>
</tr>
<tr>
<td>Silverton, OR</td>
<td>Steve Vinisky V96-96-2, 2W-YPP</td>
<td>Walter Blom N. rupicola, selection #82-8, 13Y-Y</td>
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<tr>
<td>March 31-April 1, Oregon Daffodil Society</td>
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<tr>
<td>Ex: 32/NS/1442 Art: 15/39</td>
<td>Stan Baird 'Trenna' 6W-Y</td>
<td>Libby Frey 'Lemon Silk' 6YYW-W</td>
<td>Steve Vinisky</td>
</tr>
<tr>
<td>St. Louis, MO</td>
<td>Libby Frey 'Norwester' 6Y-Y</td>
<td>Bill Lee 'Snipe' 6W-W</td>
<td>SV91-66-3, 1Y-Y ('Gold Convention' x 'Tenterfield')</td>
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<tr>
<td>March 31-April 1, Greater St. Louis Daffodil Club</td>
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<td>Steve Vinisky</td>
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<tr>
<td>Ex: 16/280/418 Art: 16/29</td>
<td>Barbara Bowman 'Trena' 6W-Y</td>
<td></td>
<td>SV96-96-2, 2W-YPP ('Brooke Ager' x ('Small Talk' x 'Candlepower'))</td>
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<tr>
<td>Chapel Hill, NC</td>
<td>Petie Matheson 'Lemon Lyric' 2YYW-Y</td>
<td>Bill Gould 8-20-D, 2Y-P (Sdlg. x 'Widgeon')</td>
<td>Gerard Knehans</td>
</tr>
<tr>
<td>March 30-31, NC Botanical Garden &amp; NC Daffodil Society</td>
<td>Suzy Wert 'Daffodil Chimes' 2YYW-Y (Triandrus, N. triandrus)</td>
<td>'Mrs. Robert Gibson N. bulbocodium, selection #100-4, 13Y-Y</td>
<td>&quot;Churchman&quot; x 'Innis Beg'</td>
</tr>
<tr>
<td>Ex: 17/284/330</td>
<td>M/M Richard Frank, Jr. 'Fly Half' 2Y-R</td>
<td>Bill Gould 8-21-A, 2Y-P (Sdlg. x 'Widgeon')</td>
<td>Returned</td>
</tr>
<tr>
<td>Nashville, TN,</td>
<td>Beverly Hanselman 'Homestead' 2W-W</td>
<td>Delia Bankhead 961-3, 2W-W</td>
<td>Mary Lou Gripshover</td>
</tr>
<tr>
<td>March 31-April 1, Middle Tennessee Daffodil Society</td>
<td>Patrice Johnson-Winters 'N. bulbocodium conspicuus' 13Y-Y</td>
<td>'Pixie's Sister' 7Y-Y</td>
<td>89-14, 1Y-Y ('Little Beauty' OP)</td>
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<tr>
<td>Ex: 23/281/585 Art: 7/7</td>
<td>M/M Richard Frank, Jr. 'Fly Half' 2Y-R</td>
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<td>Container: Standard Miniature Species</td>
<td>Junior Best Bloom</td>
<td>Historic Intermediate</td>
<td>Silver (No. of Blue Ribbons)</td>
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<td>--------------------------------------</td>
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</tr>
<tr>
<td>Not Offered</td>
<td>Emily Hurd</td>
<td>Linda Gaiser</td>
<td>Jim Russell (33)</td>
</tr>
<tr>
<td>Not Offered</td>
<td>'Widgeon' 2Y-P</td>
<td>'Barrii Conspicuus' 3Y-YYO (&lt;1869)</td>
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<tr>
<td>Not Offered</td>
<td>Returned</td>
<td>Frances Goodenough</td>
<td></td>
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<tr>
<td>J. D. Hill</td>
<td>'Amor' 3W-YYO</td>
<td>'Pink China' 2W-P</td>
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<tr>
<td>Not Offered</td>
<td>Autumn Stewart</td>
<td>Jack Hollister</td>
<td>Larry Force (22)</td>
</tr>
<tr>
<td>Not Offered</td>
<td>'Trebah' 2Y-Y</td>
<td>'Actae' 9W-YYR</td>
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<tr>
<td>Not Offered</td>
<td>Not Offered</td>
<td>(1927)</td>
<td></td>
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<tr>
<td>Carol Phillips</td>
<td>'High Society' 2W-GWP</td>
<td>Larry Force</td>
<td></td>
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<td></td>
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<td>'Pink China' 2W-P</td>
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<tr>
<td>Not Offered</td>
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<td>Nancy Robinson</td>
<td>Jon &amp; Lindsey Long (25)</td>
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<tr>
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<td>'Beryl' 6W-YYO</td>
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<td>(1907)</td>
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<tr>
<td>Shirley Long</td>
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<td>Bonnie Campbell</td>
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<td>'Quail' 7Y-Y</td>
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<td>'Scarlet Tanager' 2Y-R</td>
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<td>Diane Spence 'Beryl' 6W-YYO</td>
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<td>(1907)</td>
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<td>Walter Blom</td>
<td>Tyler Fanning</td>
<td>Kirby Fong</td>
<td>Betty Jean Forster (25)</td>
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<tr>
<td>N. rupicola 13Y-Y</td>
<td>'Homestead' 2W-W</td>
<td>'Caedmon' 9W-GYR</td>
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<td></td>
<td>Amanda Cameron</td>
<td>(1913)</td>
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<td>'Rapture' 6Y-Y</td>
<td>Stan Baird</td>
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<td>Darlene Chambers</td>
<td>'Lissome' 2W-W</td>
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<td>'Skater's Waltz' 6Y-Y</td>
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<td>Ben Geigle</td>
<td>Barbara Bowman</td>
<td>Barbara Bowman (12)</td>
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<td>'Passionale' 2W-P</td>
<td>'Zero' 2W-W (1935)</td>
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<td>Barbara Bowman</td>
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<td>Bowman 1c/n/1 ('Ice Caps' OP)</td>
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<td>Elise Olsen</td>
<td>Elise Olsen (27)</td>
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<td>'Beryl' 6W-YYO</td>
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<td>(1907)</td>
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<td>Kent Cheeseborough</td>
<td>Bonnie Campbell</td>
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<td>'Conestoga' 2W-GYO</td>
<td>'Deference' 2Y-Y</td>
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<td>Elise Olsen</td>
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<td>'Tresamb' 5W-W</td>
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<td>'Homestead' 2W-W</td>
<td>(1930)</td>
<td>Sam Winters (22)</td>
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<td>Abigail Winters</td>
<td>Pat Bates</td>
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<td>'Larkwhistle' 6Y-Y</td>
<td>'Treasure Waltz' 2Y-Y</td>
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<td>Not Offered</td>
<td>Beverley Hanselman</td>
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<tr>
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<td>'Homestead' 2W-W</td>
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41
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<td>April 4</td>
<td>Upperville Garden Club</td>
<td>Bob &amp; Lina Huesmann 'Vineland' 6Y-Y</td>
<td>M/M Tom Scott 'Rapture' 6Y-Y</td>
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<td>Ex: 35/79/151 Art: 25/22</td>
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<td>Kathleen McAllister 'Snipe' 6W-W</td>
<td>Kathleen McAllister 'Heidi' 7Y-Y</td>
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<tr>
<td>April 7-8</td>
<td>Wichita Daffodil Society</td>
<td>Cathy Minkler 'Corofin' 3W-YYR</td>
<td>Ray Morrisey 'Beryl' 6W-YYO</td>
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<tr>
<td>11/263/404/11</td>
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<td>Scott Newkirk 'Segovia' 3W-Y</td>
<td>Scott Newkirk 'Segovia' 3W-Y</td>
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<tr>
<td>April 7-8</td>
<td>The Garden Club Of Gloucester</td>
<td>William Powell 'Misty Glen' 2W-GW</td>
<td>Bette Gilberti 'Lemon Silk' 6YYW-W</td>
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<td>Ex: 75/635/1175 Art: 45/64</td>
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<td>Diane Spence 'Angel's Whisper' 5Y-Y</td>
<td>Petie Matheson 'Yellow Xit' 3W-Y</td>
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<td>April 7-8</td>
<td>Somerset County Garden Club</td>
<td>Joanna Tilghman 'Wings of Freedom' 6Y-Y</td>
<td>Joanna Tilghman 'Miss Primm' 2Y-Y</td>
<td>Joanna Tilghman 93/05, 2Y-Y</td>
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<td>23/320/546</td>
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<td>Joanna Tilghman 'Hummingbird' 6Y-Y</td>
<td>Faye Phillips 'Golden Quince' 12Y-Y</td>
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<td>April 10-11</td>
<td>Daffodil Growers South &amp; Terrace Garden Club</td>
<td>Bill Pannill 'Pacific Rim' 2Y-YYR</td>
<td>Bill Pannill 'River Queen' 2W-W</td>
<td>Bill Pannill 89-32B, 2YYW-YP ('James River' x 'Magician')</td>
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<td>Ex: 23/576/932</td>
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<td>Jane Meyer 'Snipe' 6W-W</td>
<td>Jane Meyer 'Snipe' 6W-W</td>
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<td>April 11-12</td>
<td>District II Federated Garden Clubs of Maryland, Inc.</td>
<td>Margaret Larsen 'Valhalla' 3W-O</td>
<td>Margaret Larsen 'Dainty Miss' 7W-GW</td>
<td>Not Offered</td>
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<td>Ex: 46/278/596 Art: 24/36</td>
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<td>Joanna Tilghman 'Yellow Xit' 3W-Y</td>
<td>Rac Thompson 'Segovia' 3W-Y</td>
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<tr>
<td>April 14-15</td>
<td>South Western Ohio Daffodil Society</td>
<td>Leone Low 'Chanson' 1W-P</td>
<td>Mary Lou Gripshover 'Guiding Light' 2W-W</td>
<td>Donna Dietsch 93-43, 2W-W ('White Misty' x 'Ashmore')</td>
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<td>Ex: 28/346/817 Art: 7/8</td>
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<td>Mary Lou Gripshover 'April Tears' 5Y-Y</td>
<td>Naomi Liggett 'First Kiss' 6Y-Y</td>
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<tr>
<td>April 14-15</td>
<td>Washington Daffodil Society</td>
<td>Bob &amp; Lina Huesmann 'April Love' 1W-W</td>
<td>Richard Ezell 'Lackawanna' 2Y-Y</td>
<td>Kathy Andersen, 2-12-01, 2W-P</td>
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<td>Ex: 35/807/1685 Art: 13/22</td>
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<td>Olivia Welbourn 'Swagger' 6W-W</td>
<td>Bob &amp; Lina Huesmann 'Xit' 3W-W</td>
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<td>Junior Best Bloom Junior Vase of 3 Small Grower</td>
<td>Historic Intermediate</td>
<td>Silver (No. of Blue Ribbons)</td>
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<td>Returned</td>
<td>Kristi Sadler 'Avalon' 2Y-W</td>
<td>M/M Julian Campbell 'Sweetness' 7Y-Y (1939)</td>
<td>Margaret &amp; Skip Ford (16)</td>
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<td>Kristi Sadler 'Avalon' 2Y-W</td>
<td>Laura Anne Brooks 'Sylph' 1Y-Y</td>
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<td>Kristi Sadler 'Jetfire' 6Y-O</td>
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<td>Bob &amp; Lina Huesmann (12)</td>
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<tr>
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<td>Camille Gaddis 'Serola' 2Y-O</td>
<td>Ray Morissette 'Beryl' 6W-YYO (1907)</td>
<td>Ray Morissette (23)</td>
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<td>Ray Morissette 'Treasure Waltz' 2Y-Y</td>
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<td>Cathleen Lewandowski 'Wings of Freedom' 6Y-Y</td>
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<tr>
<td>Not Offered</td>
<td>Carlotta Pinney 'Avalanche' 8W-Y</td>
<td>Joanna Tilghman 'Sweetness' 7Y-Y (1939)</td>
<td>Margaret Ann Larsen (24)</td>
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<td>Margaret Ann Larsen 'Forage Mill' 2Y-GOO</td>
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<td>Joe Hamn 'Grand Primo Citron' 8W-Y (1780)</td>
<td>Bill Pannill (19)</td>
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<td>Helen Trueblood 'Pink China' 2W-P</td>
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<td>Jane Brighton <em>N. moschatus</em> 13W-W (1629)</td>
<td>Josie Lines (11)</td>
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<td>Faye Phillips 'Tripartite' 11aY-Y</td>
<td>Margaret Larsen (11)</td>
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<td>Brandon Dean 'Bee Mabley' 3W-YYO</td>
<td>Mary Lou Gripshover 'Daphne' 4W-W (1914)</td>
<td>Bill Lee (15)</td>
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<td>Joe Hamn 'Birthday Girl' 2W-GWW</td>
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<tr>
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<td>Louise Rowe 'Fragrant Rose' 2W-GPP</td>
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<tr>
<td>Mitch Carney</td>
<td>Sarah Welsh 'Ben Hee' 2W-GWW</td>
<td>Kathy Andersen 'Sir Wratkin' 2Y-Y (1868)</td>
<td>Mary Konce (15)</td>
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<td>Robert Darling</td>
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<td>Kathy Welsh 'Pink China' 2W-P</td>
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<tr>
<td>'Little Rusky' 7Y-GYO</td>
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<td>Kathy Andersen</td>
<td>Mary Stout 'Matador' 8Y-GOO</td>
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<td>N. rupicola 13Y-Y</td>
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<td>Date</td>
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<td>Gold Mini Gold</td>
<td>White Mini White</td>
<td>Rose Mini Rose</td>
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<td>April 17</td>
<td>Charles Town, WV</td>
<td>Clay &amp; Fran Higgins</td>
<td>Clay &amp; Fran Higgins</td>
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<td>Ex: 44/293/655; Art: 29/32</td>
<td>'Clouded Yellow' 2YYW-Y</td>
<td>'Clare' 7Y-Y</td>
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<td>April 17-18</td>
<td>Shenandoah-Potomac District Of W.V. Garden Club</td>
<td>Tag Bourne</td>
<td>Leona Low</td>
<td>Donna Dietsch</td>
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<td>Ex: 27/421/715; Art: 14/31</td>
<td>'Whisky Mac' 2YYW-Y</td>
<td>'White Tea' 2W-GWW</td>
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<td>89-95, 2Y-YOO</td>
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<td>April 18-19</td>
<td>Adena Daffodil Society</td>
<td>Tag Bourne</td>
<td>Suzy Wurt</td>
<td>('Brackenhurst' OP) Returned</td>
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<td>Ex: 24/330/582 Art: 8/14</td>
<td>'Morton' 6Y-Y</td>
<td>'Proxy' 9W-GYR</td>
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<tr>
<td>April 18-19</td>
<td>Indianapolis, IN</td>
<td>Peg Newill</td>
<td>Kathy Welsh</td>
<td>Charles Wheatley</td>
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<td>Indiana Daffodil Society</td>
<td>'Bee Mabley' 3W-YYY</td>
<td>'Kelanne' 2YYW-P</td>
<td>'Kelanne' 2YYW-P</td>
<td>92-422-1, Y-P</td>
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<tr>
<td>Ex: 78/759/1,536; Art: 19/24</td>
<td>'Sgoyla' 3W-Y</td>
<td>Kathy Welsh</td>
<td>Joanna Tilghman</td>
<td>('Came-</td>
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<td>April 18-19</td>
<td>Maryland Daffodil Society</td>
<td>NW 13, 9W-GYR</td>
<td>'April Tears' 5Y-Y</td>
<td>lot' x 'Memento') Returned</td>
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<td>April 20-21</td>
<td>Morristown, NJ</td>
<td>NW 13, 9W-GYR</td>
<td>Martha Ann Griner</td>
<td>Henry Hartmann</td>
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<td>New Jersey Daffodil Society</td>
<td>NW 13, 9W-GYR</td>
<td>'Golden Aura' 2Y-Y</td>
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<td>9904, 1Y-Y</td>
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<td>Ex: 58/62/835 Art: 12/12</td>
<td>NW 13, 9W-GYR</td>
<td>'Lackawanna' 2Y-Y</td>
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<tr>
<td>April 21-22</td>
<td>Yakima, WA</td>
<td>NW 13, 9W-GYR</td>
<td>NW 13, 9W-GYR</td>
<td>Steve Vinisky</td>
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<tr>
<td>April 21-22</td>
<td>Monday Daffodil Club and Mt. Clemens Garden Club</td>
<td>NW 13, 9W-GYR</td>
<td>NW 13, 9W-GYR</td>
<td>99-295-19, 7W-Y</td>
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<td>Ex: 15/254/382 Art: 8/36</td>
<td>'Grand Opening' 4W-R</td>
<td>NW 13, 9W-GYR</td>
<td>NW 13, 9W-GYR</td>
<td>(N. assoanus 'Sun Gem')</td>
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<td>April 21-22</td>
<td>Columbus, OH</td>
<td>NW 13, 9W-GYR</td>
<td>NW 13, 9W-GYR</td>
<td>Steve Vinisky</td>
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<td>Central Ohio Daffodil Society</td>
<td>'Clouded Yellow' 2YYW-Y</td>
<td>NW 13, 9W-GYR</td>
<td>NW 13, 9W-GYR</td>
<td>73-22-6, 9W-GYO</td>
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<td>Ex: 34/373/680 Art: 5/20</td>
<td>'Stafford' 7Y-YYO</td>
<td>NW 13, 9W-GYR</td>
<td>NW 13, 9W-GYR</td>
<td>('Dactyl' x Evans sdlg.)</td>
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<tr>
<td>April 21-22</td>
<td>Pittsburgh, PA</td>
<td>NW 13, 9W-GYR</td>
<td>NW 13, 9W-GYR</td>
<td>Mary Lou Gripsho</td>
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<td>April 21-22</td>
<td>Daffodil and Hosta Society of Western Pennsylvania</td>
<td>NW 13, 9W-GYR</td>
<td>NW 13, 9W-GYR</td>
<td>73-22-6, 9W-GYO</td>
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<td>Ex: 15/334/499; Art: 2/3</td>
<td>'Dactyl' x Evans sdlg.)</td>
<td>NW 13, 9W-GYR</td>
<td>NW 13, 9W-GYR</td>
<td>('Dactyl' x Evans sdlg.)</td>
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<tr>
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<td>Chambersburg, PA</td>
<td>NW 13, 9W-GYR</td>
<td>NW 13, 9W-GYR</td>
<td>Mary Lou Gripsho</td>
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<td>April 21-22</td>
<td>The Chambersburg Garden Club</td>
<td>NW 13, 9W-GYR</td>
<td>NW 13, 9W-GYR</td>
<td>73-22-6, 9W-GYO</td>
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<tr>
<td>Ex: 27/317/794; Art: 41/57</td>
<td>'Lolita' 3W-GWY</td>
<td>'Minnow' 8W-Y</td>
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<td>('Dactyl' x Evans sdlg.)</td>
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<tr>
<td>Ex: 27/317/794; Art: 41/57</td>
<td>'Lolita' 3W-GWY</td>
<td>'Minnow' 8W-Y</td>
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<tr>
<td>Ex: 27/317/794; Art: 41/57</td>
<td>'Lolita' 3W-GWY</td>
<td>'Minnow' 8W-Y</td>
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<tr>
<td>Container: Standard Miniature Species</td>
<td>Junior Best Bloom</td>
<td>Historic Intermediate</td>
<td>Silver (No. of Blue Ribbons)</td>
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<td>Not Offered</td>
<td>Leigh Koonce 'Saberwing' 5W-GWW Not Offered</td>
<td>Mary Koonce 'Rippling Waters' 5W-W (1932) Glenna Graves 'Bantam' 2Y-O</td>
<td>Kathleen McAllister (23)</td>
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<td>Not Offered</td>
<td>Christy Bellinger 'Golden Amber' 2Y-OOY Returned Eileen Lovensheimer 'Limbo' 2O-R</td>
<td>Alice Fogle 'Erlicheer' 4W-Y (1934) Dan Bellinger Weir 87-1YO, 1Y-O</td>
<td>NR</td>
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<td>Returned Returned Returned</td>
<td>Lucy Wert 'Rivendell' 3W-GYY Lucy Wert 'Vernal Prince' 3W-GYY Phyllis Epperson 'Oryx' 7Y-W</td>
<td>Joe Hamm 'Hawera' 5Y-Y (1928) Joe Hamm 'Bantam' 2Y-O</td>
<td>Joe Hamm (18)</td>
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<tr>
<td>Not Offered</td>
<td>Charlotte Welbourn 'Fine Romance' 2W-WPP Brian Minch 'Presidential Pink' 2W-P Alice Davis 'Ruth Haller' 5Y-Y</td>
<td>Sally Waller 'Actaea' 9W-YYR (1927) Anne Donnell Smith 'Scarlet Tanager' 2Y-R</td>
<td>Anne Donnell Smith, Olivia Welbourn, Kathy Welsh, Sally Winmill, Bob &amp; Lina Huesmann (8 each)</td>
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<tr>
<td>Not Offered</td>
<td>Amanda Cameron 'Autumn Gold' 7Y-Y Amanda Cameron 'Three Trees' 1W-Y Not Offered</td>
<td>Bonnie Johnson 'Erlicheer' 4W-Y (1934) Not Offered.</td>
<td>Steve Vinisky (14)</td>
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<tr>
<td>Returned Returned Returned</td>
<td>Brandon Dean 'Gull' 2W-GWW Returned Sue Redmond 'Limbo' 2O-R</td>
<td>Joe Hamm 'Folly' 2W-O (1926) Naomi Liggett 'Nite Games' 2W-WPP</td>
<td>Naomi Liggett (17)</td>
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<tr>
<td>Returned Returned Returned</td>
<td>Returned Returned Bill &amp; Elaine Modrak 'Conestoga' 2W-GYO</td>
<td>John Wells 'Trevithian' 7Y-Y (1927) Steve Hampson 'Urchin' 2W-P</td>
<td>Steve Hampson (27)</td>
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<tr>
<td>Date</td>
<td>Gold Mini Gold</td>
<td>White Mini White</td>
<td>Rose Mini Rose</td>
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<td>Container: Standard Miniature Species</td>
<td>Junior Best Bloom Junior Vase of 3 Small Grower</td>
<td>Historic Intermediate</td>
<td>Silver (No. of Blue Ribbons)</td>
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<td>Returned</td>
<td>Craig Reed</td>
<td>Kathy Andersen (14)</td>
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<td>‘Sweetness’ 7Y-Y (1939)\nKathy Andersen 5/20/01, 2Y-W</td>
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| Not Offered                          | Not Offered                                   | Dorothy Wadsworth     | Clay Higgins (30)          |
| Not Offered                          | Not Offered                                   | ‘Dreamlight’ 3W-GWR (1934)\nClay Higgins \n‘Pink Ice’ 2W-P |                            |
| Not Offered                          | Not Offered                                   |                       |                            |

| Not Offered                          | Not Offered                                   | Mildred Hornblower    | Mildred Hornblower (15)    |
| Not Offered                          | Not Offered                                   | ‘Beryl’ 6W-YYO (1907)\nMildred Hornblower \n‘Sidley’ 3W-GYY |                            |
| Not Offered                          | Not Offered                                   |                       | Mildred Hornblower (17)    |

| Returned                             | Returned                                      | Nancy Pilipuf         | Nancy Pilipuf (21)         |
| Returned                             | Returned                                      | ‘Moonshine’ 5W-W (1927)\nNancy Pilipuf \n‘Pink China’ 2W-P |                            |
| Returned                             | Returned                                      |                       |                            |

| Not Offered                          | Not Offered                                   | Grace Noyes           | Grace Noyes (11)           |
| Not Offered                          | Not Offered                                   |                       |                            |

| Not Offered                          | Not Offered                                   | Hilary Creighton      | Barri Throop (12)          |
| Not Offered                          | Not Offered                                   | ‘Trousseau’ 1W-Y(1934)\nNot Offered |                            |
| Not Offered                          | Not Offered                                   |                       |                            |

<p>| Not Offered                          | Not Offered                                   | Edie Godfrey          | Michael Berrigan (31)      |
| Not Offered                          | Not Offered                                   | ‘Saint Keverne’ 2Y-Y (1934)\nMyrna Smith \n‘Birthday Girl’ 2W-GWW |                            |
| Not Offered                          | Not Offered                                   |                       |                            |</p>
<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Purple (Best Collection of 5)</th>
<th>Lavender (Best Coll. of 5 Mini.)</th>
<th>Maroon (Coll. of 5 Reverse Bi.)</th>
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<tr>
<td>Location</td>
<td>Date</td>
<td>Purple (Best Collection of 5)</td>
<td>Lavender (Best Coll. of 5 Mini.)</td>
<td>Maroon (Coll. of 5 Reverse Bl.)</td>
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<tr>
<td>Conway, AR</td>
<td>Mar 17-18</td>
<td>Larry Force</td>
<td>Martha Anderson</td>
<td>Larry Force</td>
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<td></td>
<td></td>
<td>‘Rapture’ 6Y-Y</td>
<td>‘Canaliculus’ 8W-Y</td>
<td>‘Lemon silk’ 6YYW-W</td>
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<td>‘Arrowhead’ 6Y-R</td>
<td>‘Minnow’ 8W-Y</td>
<td>‘Lighthouse Reef’ 1YYW-WWY</td>
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<td>‘Trena’ 6W-Y</td>
<td>N. henriquesii 13Y-Y</td>
<td>‘Gin and Lime’ 1Y-WWWY</td>
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<td>‘Cazique’ 6W-W</td>
<td>‘Quince’ 12Y-Y</td>
<td>‘Daydream’ 2Y-W</td>
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<tr>
<td>Hernando, MS</td>
<td>Mar 24-25</td>
<td>James Russell</td>
<td>Jack Hollister</td>
<td>Jack Hollister</td>
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<tr>
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<td>‘Merry King’ 3Y-R</td>
<td>‘Pakatai’ 12Y-Y</td>
<td>‘Swallow’ 6YYW-W</td>
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<td>‘Cairnstoil’ 3W-YOO</td>
<td>‘Sabra’ 7Y-Y</td>
<td>‘High Note’ 7Y-W</td>
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<td>‘Sabine Hay’ 3O-R</td>
<td>‘Xit’ 3W-W</td>
<td>‘Sun Gem’ 2YYW-W</td>
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<td>‘Purbeck’ 3W-YOO</td>
<td>‘Hawera’ 5Y-Y</td>
<td>‘Chilioquin’ 1Y-W</td>
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<tr>
<td>Knoxville, TN</td>
<td>Mar 24</td>
<td>Ruth Pardue</td>
<td>Ruth Pardue</td>
<td>Jon &amp; Lindsey Long</td>
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<tr>
<td></td>
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<td>‘Bald Eagle’ 2W-W</td>
<td>‘Minnow’ 8W-Y</td>
<td>‘Galaxy Light’ 1Y-W</td>
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<td>‘Crystal Blan’ 2W-GWW</td>
<td>‘Smarpire’ 10W-W</td>
<td>‘Daydream’ 2Y-W</td>
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<td>‘Kindee’ 1W-GWW</td>
<td>‘Ferdie’ 6Y-Y</td>
<td>‘Charter’ 2Y-WWWY</td>
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<td>Richmond, VA</td>
<td>Mar 28-29, (GCA)</td>
<td>Returned</td>
<td>Margaret &amp; Skip Ford</td>
<td>Margaret &amp; Skip Ford</td>
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<td>Mar 24</td>
<td></td>
<td>‘Mite’ 6Y-Y</td>
<td>‘Honeybird’ 1Y-W</td>
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<td></td>
<td>‘Minnow’ 8W-Y</td>
<td>‘Impresario’ 2Y-WWWY</td>
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<td>‘Snipe’ 6W-W</td>
<td>‘Lemon Silk’ 6YYW-W</td>
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<td>‘Toto’ 12 W-W</td>
<td>‘Lemon Snow’ 2YYW-WW</td>
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<td>‘Blynken’ 6Y-Y</td>
<td>‘Spellbinder’ 1Y-WWW</td>
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<tr>
<td>Silverton, OR</td>
<td>Mar 31-April</td>
<td>Elise Havens</td>
<td>Kirby Feng</td>
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<td>Mar 31-April</td>
<td></td>
<td>‘Pixie’s Sister’ 7Y-Y</td>
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<td>Mar 31-April</td>
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<td>‘Gadget’ 10Y-Y</td>
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<td>‘Wings of Freedom’ 6Y-Y</td>
<td>‘Sabra’ 7Y-Y</td>
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<td></td>
<td>‘Warbler’ 6Y-Y</td>
<td>‘Cupid’ 12Y-Y</td>
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<td>‘Rapture’ 6-Y-Y</td>
<td>‘Floramy’ 7W-WWP</td>
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<tr>
<td>St. Louis, MO</td>
<td>Mar 31-April</td>
<td>Barbara Bowman</td>
<td>Bill Lee</td>
<td>Barbara Bowman</td>
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<td>Mar 31-April</td>
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<td>‘Wee Bee’ 1Y-Y</td>
<td>‘Honeybird’ 1Y-W</td>
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<td>‘Snipe’ 6W-W</td>
<td>‘Impresario’ 2Y-WWWY</td>
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<td>‘Little Gem’ 1Y-Y</td>
<td>‘Lemon Silk’ 6YYW-W</td>
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<td>‘Little Beauty’ 1W-Y</td>
<td>‘Lemon Snow’ 2YYW-WW</td>
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<td>‘Tete-a-Tete’ 12Y-Y</td>
<td>‘Spellbinder’ 1Y-WWW</td>
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<td>Chapel Hill, NC</td>
<td>Mar 30-31</td>
<td>Elise Olsen</td>
<td>Robert Darling</td>
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<td>Mar 30-31</td>
<td>‘Dress Circle’ 3W-YYR</td>
<td>D7.02, 6Y-Y (‘Wee Bee’ x ‘Mite’)</td>
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<td>‘Loch Carron’ 2 Y-O</td>
<td>‘Midget’ 1Y-Y</td>
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<td>‘River Queen’ 2W-W</td>
<td>‘Little Gem’ 1Y-Y</td>
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<td>‘Golden Aura’ 2Y-Y</td>
<td>‘Little Rusty’ 7Y-GYO</td>
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<td>‘Masai Mara’ 2W-GYP</td>
<td>‘Yellow Fever’ 7Y-Y</td>
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<td>Nashville, TN</td>
<td>Mar 31-April</td>
<td>Ruth Pardue</td>
<td>Patrice Johnson-Winters</td>
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<td>Mar 31-April</td>
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<td>N. bulbocodium conspicus 13Y-Y</td>
<td>‘Rio Dell’ 2YYW-WWW</td>
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<td>‘Tete-a-Tete’ 12Y-Y</td>
<td>‘Intrigue’ 7W</td>
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<td>‘Minnow’ 8W-Y</td>
<td>‘Sweet Prince’ 1YYW-WW</td>
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<td>‘Segovia’ 3W-Y</td>
<td>‘Daydream’ 2Y-W</td>
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<td>‘Picobianco’ 2W-W</td>
<td>‘Xunantunch’ 2YYW-WW</td>
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<td>Location</td>
<td>Date</td>
<td>Purple (Best Collection of 5)</td>
<td>Lavender (Best Coll. of 5 Mini.)</td>
<td>Maroon (Coll. of 5 Reverse Bl.)</td>
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<td>(VDS)</td>
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<td>‘Toby the First’ 6W-Y</td>
<td>‘Hummingbird’ 6Y-Y ‘Ferdi’ 6Y-Y</td>
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<td>‘Golden Quince’ 12Y-Y ‘Kokopelli’ 7W-Y</td>
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<tr>
<td>MD</td>
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<td>‘Homestead’ 2W-W</td>
<td>‘Segovia’ 3W-Y ‘Yellow Xit’ 3W-Y</td>
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<td>Scottsburg, IN</td>
<td>April 10-11</td>
<td>Bill Pannill 79-7-3, 2W-P 89-32B, 2YYW-YP ‘Delta Queen’ 2W-P ‘Dailmanach’ 2W-P ‘Flagship’ 2W-P</td>
<td>Returned</td>
<td>Bill Pannill</td>
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<td>‘Carib Gipsy’ 2Y-W-W</td>
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<th>Location</th>
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<th>Purple (Best Collection of 5)</th>
<th>Lavender (Best Coll. of 5 Mini.)</th>
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<td>Greenwich, CT</td>
<td>April 25-26</td>
<td>Helen Haskell 'Contravene' 2Y-O</td>
<td>Liz Ellwood 'Clare' 7Y-Y</td>
<td>Mildred Hornblower</td>
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<td>'Bouzouki' 2Y-R</td>
<td>'Hawera' 5Y-Y</td>
<td>'Lemon Brook' 2YYW-W</td>
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<td>'Night Hawk' 2Y-O</td>
<td>'Kokopelli' 7Y-Y</td>
<td>'Citron' 3Y-WWY</td>
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<td>'Ceasefire' 2Y-R</td>
<td>'Stafford' 7Y-YYO</td>
<td>'Xunanunich' 2YYW-WWY</td>
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<td>'Solar Tan' 3Y-R</td>
<td>'Sundial' 7Y-Y</td>
<td>'Trumpet Warrior' 1YYW-WWY</td>
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<td>'Burning Torch' 2Y-O</td>
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<td>'Altun Ha' 2YYW-W</td>
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<td>Chicago, IL</td>
<td>April 28-29</td>
<td>Nancy Pilipuf 'River Queen' 2W-W</td>
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<td>'Areylo Kings' 2W-GWW</td>
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<td>'Impresario' 2Y-WW</td>
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<td>'Gull' 2W-GWW</td>
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<td>'Green Ice' 2W-GWW</td>
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<td>'Desert Orchid' 2Y-W</td>
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<td>'Trumpet Warrior' 1YYW-WWY</td>
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<td>Nantucket, MA</td>
<td>April 28-29</td>
<td>Molly Wiley 'Salome' 2W-PPY</td>
<td>Mary Malavase 'Tete-a-Tete' 12Y-Y</td>
<td>Mrs. William Cameron</td>
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<td>'Tangent' 2W-P</td>
<td>'Rip Van Winkle' 4Y-Y</td>
<td>'Lemon Sprite' 7YYW-W</td>
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<td>'Christmas Valley' 4W-P</td>
<td>'Segovia' 3W-Y</td>
<td>'Swallow' 6YYW-W</td>
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<td>'Recital' 2W-P</td>
<td>'Minnow' 8W-Y</td>
<td>'Lemon Tarts' 7YYW-W</td>
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<td>'Berceuse' 2W-P</td>
<td>'Mite' 6Y-Y</td>
<td>'Weathear' 6Y-WW</td>
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<td>'Intrigue' 7Y-W</td>
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<td>Peterborough, NH</td>
<td>May 4-5</td>
<td>Jennifer M. Brown 'Aeropolis' 4W-O</td>
<td>Nancy Mott 'Chit Chat' 7Y-Y</td>
<td>Michael Berrigan</td>
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<td>'Independence Day' 4W-R</td>
<td>'Clare' 7Y-Y</td>
<td>'Intrigue' 7Y-W</td>
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<td>'Chukar' 4W-O</td>
<td>'Little Rusky' 7Y-GYO</td>
<td>'Carib Gipsy' 2Y-WW</td>
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<td>'Tonga' 4Y-R</td>
<td>'Bebop' 7Y-Y</td>
<td>'Gin &amp; Lime' 1Y-WW</td>
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<td>'Manly' 4Y-O</td>
<td>'Fairy Chimes' 5Y-Y</td>
<td>'Suede' 2Y-W</td>
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<td>'Lavalier' 5YYW-W</td>
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<td>Chanhassen, MN</td>
<td>May 5-6</td>
<td>Myrna Smith 'The Alliance' 6Y-Y</td>
<td>Michael Berrigan 'Minnow' 8W-Y</td>
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<td>'Larkwhistle' 6Y-Y</td>
<td>'Segovia' 3W-Y</td>
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<td>'Peeping Tom' 6Y-Y</td>
<td>'Rockery White' 1W-W</td>
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<td>'Rapture' 6Y-Y</td>
<td>'Snipe' 6W-W</td>
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<td>'Minute Waltz' 6YYW- WWY</td>
<td>'Mustard seed' 2Y-Y</td>
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**JUNIOR COLLECTION OF 5**

**NATIONAL SHOW**

Louisville, KY

Autumn Stewart
'Tahiti' 4Y-O
'Stanway' 3Y-ORR
'Crackington' 4Y-O
'Scarlet Tanager' 2Y-R
'River Queen' 2W-W

**Amity, OR**

Tyler Fanning
'Little Beauty' 1W-Y
'Toto' 12W-W
'Minnow 8W-Y
'Sundial' 7Y-Y
'Canaliculatus' 8W-Y

**Silverton, OR**

Tyler Fanning
'Sundial' 7Y-Y
'Toto' 12W-W
'Segovia' 3W-Y
'Canaliculatus' 8W-Y
'Tete-a-Tete' 12Y-Y

**Cincinnati, OH**

Brandon Dean
'Green Linnet' 3W-GGO
'Bee Mabley' 3W-YYO
'Symphonette' 2Y-Y
'Centre Ville' 3Y-R
'Conestoga' 2W-GYO

**Wheaton, MD**

Sarah Welsh
'Fly Half' 2Y-R
'Safari' 2Y-O
'Mexico City' 2Y-O
'Amber Castle' 2YYW-WYY
'New Penny' 3Y-Y
<table>
<thead>
<tr>
<th>City</th>
<th>Owners</th>
<th>Horses</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indianapolis, IN</td>
<td>Lucy Wert</td>
<td>‘Grand Primo Citronaire’ 8W-Y, ‘Kirkirniola’ 3W-GYO</td>
<td>‘Matador’ 8Y-GOO (Oregon Bulb Farms)</td>
</tr>
<tr>
<td>Nantucket, MA</td>
<td>Carl Johnsen</td>
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</tr>
</tbody>
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| RED-WHITE-BLUE—Collection of 5 American-Bred |

<table>
<thead>
<tr>
<th>National Show</th>
<th>Owners</th>
<th>Horses</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Murphys, CA</td>
<td>Bob Spotts</td>
<td>001-72, 1Y-Y, 001-126, 1W-Y</td>
<td>001-186, 2Y-O, 001-57, 2Y-Y, 001-195, 2W-P</td>
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<tr>
<td>Fortuna, CA</td>
<td>Bob Spotts</td>
<td>‘Remembered Kiss’ 2W-WWP (DuBose), ‘Conestoga’ 2W-GYO (Bender), DuBose D57-26, 2W-P</td>
<td></td>
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<tr>
<td>Hernando, MS</td>
<td>James Russell</td>
<td></td>
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</tbody>
</table>
'Gull' 2W-GWW (Mitsch)
'Mississippi Traveler' 2WWY-Y (Low)
'Blue Star' 2W-W (Havens)
'Swift Current' 5W-P (Mitsch)
'Oregon Lights' 2W-O (Havens)

Knoxville, TN
Ruth Pardue
'Impressive' 2Y-R (Mitsch)
'Bloemendaal' 2W-W (Pannill)
'Olate' 3W-GYO (Mitsch)
'Daydream' 2Y-W (Mitsch)
Bender 88-204, 1Y-Y

Richmond, VA (GCV)
Margaret & Skip Ford
'Misty Morning' 2Y-P (Mitsch)
'Bald Eagle' 2W-W (Pannill)
'Resplendent' 2Y-R (Mitsch)
91/231
'Daydream' 2Y-W (Mitsch)

Silverton, OR
Steve Vinisky
Spots SS-076-3, 2Y-O
Spots SS-503-1, 1Y-Y
Spots SS-580-1, 2Y-O
Spots SS-108-3, 1Y-Y
Spots SS-090-1, 2Y-WPP

Chapel Hill, NC
Bill Gould
85-13-D, 2Y-Y ('Euphony' x Sdlg.)
80-8-B, 2W-GWP ('Easter Moon' x 'Dainmanach')
97-47-1, 2W-Y (Sdg. x 'Fine Romance')
94-1-B, 2W-P ('American Shores' x Sdlg.)
84-21-A, 2Y-P (Sdg. x 'Widgeon')

Nashville, TN
Ruth Pardue
'Pacific Rim' 2Y-YYR (Mitsch)
'Homestead' 2W-W (Pannill)
'Crystal Blane' 2W-GWW (Pannill)
'Torchfire' 2Y-R (Roese)
Bender 76-1, 2Y-Y (Bender)

Richmond, VA (VDS)
Bob & Lina Huesmann
Bender 82/218 11aY-Y
'Bald Eagle' 2W-W (Pannill)
'Bright Candle' 2Y-R (Mitsch)
'Itzim' 6Y-R (Mitsch)
'Rapture' 6Y-Y (Mitsch)

Upperville, VA
Bob & Lina Huesmann
'Lunar Sea' 1Y-W (Mitsch)
'Vineland' 6Y-Y (NR)
'Monarch' 2Y-R (Mitsch)
'Rapture' 6Y-Y (Mitsch)
Bender Sdg., 11aW-Y

Wichita, KS
Cathy Minkler
'Rapture' 6Y-Y (Mitsch)
'Lemon Sails' 2Y-Y (Mitsch)
'Lapwing' 5W-Y (Mitsch)
'Phalarope' 6W-Y (Mitsch)
'Emperor's Waltz' 6Y-YYO (Mitsch)

Gloucester, VA
Ceci Brown
'Centre Ville' 3Y-R (Throckmorton)
'Maya Dynasty' 2Y-Y (Mitsch)
'River Queen' 2W-W (Pannill)
'Rim Ride' 3W-GYO (Pannill)
'Conestoga' 2W-GYO (Bender)

Prince Anne, MD
Joanna Tilghman
'Bright Candle' 2Y-R (Mitsch)
'Pops Legacy' 1W-Y (Bender)
'Bloemendaal' 2W-W (Pannill)
'Bald Eagle' 2W-W (Pannill)
Bender 91/213, 1Y-Y

Scottsburg, IN
Bill Pannill
'River Queen' 2W-W (Pannill)
'Great Gatsby' 2Y-R (Pannill)
'Hurrah' 2Y-Y (Pannill)
'Lara' 2W-O (Pannill)
'Williamsburg' 2W-W (Pannill)

Edgewater, MD
Chriss Rainey
'Oregon Lights' 2W-O (Havens)
'Pops Legacy' 1W-Y (Bender)
'Irish Loch' 2Y-R (Reed)
'Tuscarora' 1Y-Y (Bender)
'Pink Silk' 1W-P (Havens)

Cincinnati, OH
Tom Stettnner
'Berceuse' 2W-P (Mitsch)
'Forestland' 2W-Y (Pannill)
Jerrell/Stettner 87-67-1, 2W-WPP ('Easter Moon' x 'Eileen Squiers')
'American Classic' 2Y-WYY (Mitsch/Havens)
Wheaton, MD

Richard Ezell

'Pops Legacy' 1W-Y (Bender)
'Tuscaraora' 1Y-Y (Bender)
'Lackawanna' 2Y-Y (Bender)
Bender 80-213, 1W-W
Bender 99-93, 1Y-Y

Charles Town, WV

Richard Ezell

'Pops Legacy' 1W-Y (Bender)
Bender sdlg. ('Shikellamy' x 'King Size')
Bender sdlg. ('Pops Legacy' x 'Reveille')
Bender sdlg. ('Grapillon' x 'Pops Legacy')
Bender sdlg.

Chillicothe, OH

Nancy Gill

'Bittern' 12Y-O (Mitsch)
'Oregon Pioneer' 2Y-P (Havens)
'Molten Lava' 3Y-YYR (Mitsch/Havens)
'Tyson's Corner' 3W-4GY (Pannill)
'Intrigue' 7Y-W (Pannill)

Indianapolis, IN

Charles Wheatley
92-78-24, 2W-P ('Artful' x 'Elgeman')
87-156-19, 2W-GWW ('Broomhill' x 'Bridge')
87-49-3, 2W-W ('Easter Moon' x 'Anitra')
'Yamhill' 2W-YYW
92-44-2, 1Y-Y ('Camelot' x 'Memento')

Baltimore, MD

Richard Ezell

'Kittatinny' 1Y-Y (Bender)
Bender 98/01
'Lackawanna' 2Y-Y (Bender)
Bender 90/295
Bender 90/303, 1Y-Y ('Arctic Gold' x 'Gold Convention')

Morristown, NJ

Richard Ezell

'Three Rivers' 3W-YYO (Bender)
Bender Sdlg., Div. 11 ('Shikellamy' x 'King Size')
Bender Sdlg., Div. 3 ('Ardour' x 'Achdwart')
'Conestoga' 2W-4YO (Bender)
'Lackawanna' 2Y-Y (Bender)

Yakima, WA

Steve Vinisky

'Highpoint' 2Y-Y (Frey)

V92-75-73, 2W-P (DuBose M65-5 x Havens TT1012)
V92-38-1, 3Y-YOR ('Garden News' x 'Stanway')
V91-146-1, 4Y-R ('Smookey Bear' x 'Solar Tan')
V92-137-3, 3Y-R ('Suntory' x 'Solar Tan')
V92-107-3, 2W-WWP ('Cherrygardens' x KK17/13)

Columbus, OH

Nancy Gill

'Intrigue' 7Y-W (Pannill)
'Molten Lava' 3Y-YYR (Mitsch/Havens)
'Fruit Cup' 7W-Y (Morrill)
'Tyson's Corner' 3W-4GY (Pannill)
'Explosion' 8Y-O (Pannill)

Pittsburgh, PA

Bill Lee

'Greenbrier' 3W-GWW (Pannill)
'Gold Frills' 3W-W (Mitsch)
'Impetuous' 4W-R (Mitsch)
'Maya Dynasty' 2Y-Y (Mitsch)
'Sabrewing' 5W-W (Mitsch)

Kennett Square, PA

Anne Donnell Smith

'Nordic Rim' 3W-4WY (Mitsch)
'American Dream' 1Y-P (Havens)
'Noteworthy' 3W-YYO (Pannill)
'Nob Hill' 2YWW (DuBose)
90E-198 ('Red Devil' x 'Dalhauine')

Shelter Island, NY

Charles Brush

'Doak's Stand' 2W-Y (Snazelle)
'Gold Velvet' 1Y-Y (Mitsch)
'Veapor Trail' 2W-W (Evans)
'Sweet Orange' 2Y-O (Havens)
'Denali' 1W-W (Havens)

West Boylston, MA

Mildred Hornblower

'Sonar' 2Y-YYR (Havens)
'Tangent' 2W-P (Mitsch)
'Lemon Brook' 2YWW-W (Mitsch)
'Lapwing' 5W-Y (Mitsch)
'Grebe' 4Y-O (Mitsch)

Greenwich, CT

Kate Cameron

'Audubon' 2W-WWP (Mitsch)
'Oregon Pioneer' 2Y-P (Havens)
'Imprint' 2W-Y (Pannill)
'Pacific Rim' 2Y-YYR (Mitsch)
'Raspberry Rose' 2W-P (DuBose)
### MINIATURE RED-WHITE-BLUE—Collection of 5 American-Bred Miniatures

<table>
<thead>
<tr>
<th>Location</th>
<th>Owners</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chicago, IL</td>
<td>Nancy Pilipuf:&lt;br&gt;‘River Queen’ 2W-W (Pannill)&lt;br&gt;‘Sabrewing’ 5W-GWW (Mitsch)&lt;br&gt;‘Lara’ 2W-O (Pannill)&lt;br&gt;‘American Classic’ 2Y-WYY (Havens)&lt;br&gt;‘Gull’ 2W-GWW (Mitsch)</td>
</tr>
<tr>
<td>Peterborough, NH</td>
<td>Helen Haskell:&lt;br&gt;‘Limequilla’ 7W-W (Havens)&lt;br&gt;‘Eland’ 7W-W (Mitsch)&lt;br&gt;‘Mission Bells’ 5W-W (Mitsch)&lt;br&gt;‘Silverton’ 5W-W (Mitsch)&lt;br&gt;‘Spring Chimes’ 5W-W (Havens)</td>
</tr>
<tr>
<td>Nantucket, MA</td>
<td>Grace Noyes:&lt;br&gt;‘Champagne Magnum’ 2W-GYY (Throckmorton)&lt;br&gt;‘Diploma’ 2Y-Y (Havens)&lt;br&gt;‘Northwest’ 1W-W (Pannill)&lt;br&gt;‘Canemah’ 2Y-WYY (Evans)&lt;br&gt;‘Chapeau’ 2W-Y (Evans)</td>
</tr>
<tr>
<td>Chanhassen, MN</td>
<td>Myrna Smith:&lt;br&gt;‘Melodious’ 2Y-Y (Mitsch)&lt;br&gt;‘Lapwing’ 5W-W (Mitsch)&lt;br&gt;‘Williamsburg’ 2W-W (Pannill)&lt;br&gt;‘Crown Gold’ 2W-O (Havens)&lt;br&gt;‘Cortez’ 2Y-O (Mitsch/Havens)</td>
</tr>
<tr>
<td>National Show</td>
<td>National Show:&lt;br&gt;Leone Low:&lt;br&gt;5-1-62, 1W-Y&lt;br&gt;6-1-5, 1W-W&lt;br&gt;50 1, W-Y&lt;br&gt;5-2-80, 6Y-Y&lt;br&gt;5-1-Ga-4, 2W-Y</td>
</tr>
<tr>
<td>Louisville, KY</td>
<td>Bob Spotts:&lt;br&gt;001-M1, 7Y-Y&lt;br&gt;001-M5, 7Y-Y&lt;br&gt;001-M15, 7Y-Y&lt;br&gt;001-M2, 7Y-Y&lt;br&gt;001-M8, 7Y-Y</td>
</tr>
<tr>
<td>Knoxville, TN</td>
<td>Mary Lou Gripshover:&lt;br&gt;‘Spider’ 6Y-Y (Morrill)&lt;br&gt;‘Zip’ 6Y-Y (Mitsch)&lt;br&gt;‘Sunny Maiden’ 6Y-GYY (Frey)&lt;br&gt;‘Wyandot’ 1Y-Y (Gripshover)&lt;br&gt;Link 2577, 1Y-Y</td>
</tr>
<tr>
<td>Murphys, CA</td>
<td>Gene Cameron:&lt;br&gt;‘Hummingbird’ 6Y-Y (Mitsch)&lt;br&gt;‘Yellow Fever’ 7Y-Y (Watrous)&lt;br&gt;‘Oz’ 12Y-Y (Pannill)&lt;br&gt;‘Small Talk’ 1Y-Y (Mitsch)&lt;br&gt;‘Star Song’ 6Y-Y (Frey)</td>
</tr>
<tr>
<td>Nashville, TN</td>
<td>Lawrence (Watrous):&lt;br&gt;‘Wee Bee’ 1W-W (Watrous)&lt;br&gt;‘Wee Bee’ x ‘Lilliput’&lt;br&gt;Link 2577, 1Y-Y</td>
</tr>
<tr>
<td>Chanhassen, MN</td>
<td>Myrna Smith:&lt;br&gt;‘Melodious’ 2Y-Y (Mitsch)&lt;br&gt;‘Lapwing’ 5W-W (Mitsch)&lt;br&gt;‘Williamsburg’ 2W-W (Pannill)&lt;br&gt;‘Crown Gold’ 2W-O (Havens)&lt;br&gt;‘Cortez’ 2Y-O (Mitsch/Havens)</td>
</tr>
<tr>
<td>Amity, OR</td>
<td>Gene Cameron:&lt;br&gt;‘Hummingbird’ 6Y-Y (Mitsch)&lt;br&gt;‘Yellow Fever’ 7Y-Y (Watrous)&lt;br&gt;‘Oz’ 12Y-Y (Pannill)&lt;br&gt;‘Small Talk’ 1Y-Y (Mitsch)&lt;br&gt;‘Star Song’ 6Y-Y (Frey)</td>
</tr>
<tr>
<td>Hernando, MS</td>
<td>Martha Anderson:&lt;br&gt;‘Blynken’ 6Y-Y (Watrous)&lt;br&gt;‘Hummingbird’ 6Y-Y (Mitsch)&lt;br&gt;‘Yellow Fever’ 7Y-Y (Watrous)&lt;br&gt;‘Toto’ 12W-W (Pannill)&lt;br&gt;‘Oz’ 12Y-Y (Pannill)</td>
</tr>
<tr>
<td>Chanhassen, MN</td>
<td>Myrna Smith:&lt;br&gt;‘Melodious’ 2Y-Y (Mitsch)&lt;br&gt;‘Lapwing’ 5W-W (Mitsch)&lt;br&gt;‘Williamsburg’ 2W-W (Pannill)&lt;br&gt;‘Crown Gold’ 2W-O (Havens)&lt;br&gt;‘Cortez’ 2Y-O (Mitsch/Havens)</td>
</tr>
<tr>
<td>Panama City, FL</td>
<td>John Anderson:&lt;br&gt;‘Hummingbird’ 6Y-Y (Mitsch)&lt;br&gt;‘Yellow Fever’ 7Y-Y (Watrous)&lt;br&gt;‘Toto’ 12W-W (Pannill)&lt;br&gt;‘Oz’ 12Y-Y (Pannill)</td>
</tr>
<tr>
<td>Richmond, VA (VDS)</td>
<td>Margaret &amp; Skip Ford:&lt;br&gt;‘Oz’ 12W-W (Pannill)&lt;br&gt;‘Toto’ 12Y-Y (Pannill)&lt;br&gt;‘Hummingbird’ 6Y-Y (Mitsch)&lt;br&gt;‘Blynken’ 6Y-Y (Watrous)&lt;br&gt;‘Pixie’s Sister’ 7Y-Y (Mitsch)</td>
</tr>
<tr>
<td>Nashville, TN</td>
<td>Mary Lou Gripshover:&lt;br&gt;‘Spider’ 6Y-Y (Morrill)&lt;br&gt;‘Zip’ 6Y-Y (Mitsch)&lt;br&gt;‘Sunny Maiden’ 6Y-GYY (Frey)&lt;br&gt;‘Wyandot’ 1Y-Y (Gripshover)&lt;br&gt;Link 2577, 1Y-Y</td>
</tr>
<tr>
<td>Princess Anne, MD</td>
<td>Joanna Tilghman:&lt;br&gt;‘Star Song’ 6Y-Y (Frey)&lt;br&gt;‘Bird Flight’ 6Y-GYY (Mitsch)&lt;br&gt;‘Yellow Fever’ 7Y-Y (Watrous)&lt;br&gt;‘Sunny Maiden’ 6Y-GYY (Frey)&lt;br&gt;‘Toto’ 12W-W (Pannill)</td>
</tr>
<tr>
<td>Wheaton, MD</td>
<td>Skip &amp; Margaret Ford:&lt;br&gt;‘Odile’ 7Y-O (Watrous)</td>
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</tbody>
</table>
**NATIONAL SHOW**

**Louisville, KY**
- Jack Hollister
  - 'Patchit' 3W-OOR
  - 'Mulroy Bay' 1Y-Y
  - 'Carole Lombard' 3W-YYO
  - 'Clouded Yellow' 2YYW-Y
  - 'Molten Lava' 3Y-YYR
  - 'Lighthouse' 3W-R
  - Scamp S727, 7W-GYY
  - Mitsch/Havens 2R32/3, 3W-YYR
  - 'Madame Speaker' 4Y-O
  - 'Coho' 1W-W
  - 'Lady Be Good' 2Y-O
  - 'Watercolor' 2W-P

**Dallas, TX**
- Ted Snazelle
  - 92/28/1, 2W-WWP
  - ('Arctic Char' x 'Pink Wing')
  - 91/25/1, 2Y-W ('Grand Prospect' OP)
  - 'Grebe' 4Y-O
  - 'Celtic Gold' 2Y-Y
  - 'Golden Sheen' 2Y-Y
  - 'Corbierie' 1Y-YOO
  - 93/1/00/1, 1Y-Y ('Arctic Gold' x 'Golden Yule')
  - 92/2/2, 5Y-Y ('Golden Aura' x N. triandrus puchellus)
  - Havens NN40/1, 6W-P
  - 92/22/1, 7Y-Y ('Tristram' x N. fernandesii)
  - 'Vulcan' 2Y-O
  - 'Dateline' 3Y-O

**Livermore, CA**
- Wayne Steele
  - 'Fairy Chimes' 5Y-Y (Mitsch)
  - 'Sewance' 2W-Y (Watrous)
  - 'Chit Chat' 7Y-Y (Fowlds)
  - 'Little Rusky' 7Y-GYO (Watrous)

**Chanhassen, MN**
- Michael Berrigan
  - 'Zip' 6Y-Y (Mitsch)
  - 'Oakwood Sprite' 1Y-Y (Reed)
  - 'Hummingbird' 6Y-Y (Mitsch)
  - 'Small Talk' 1Y-Y (Mitsch)
  - 'Yellow Fever' 7Y-Y (Watrous)

<table>
<thead>
<tr>
<th>MARIE BOZIEVICH RIBBON</th>
<th>Collection of 12 from 4 divisions</th>
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<tbody>
<tr>
<td><strong>NATIONAL SHOW</strong></td>
<td><strong>Louisville, KY</strong></td>
</tr>
<tr>
<td>Jack Hollister</td>
<td>'Compute' 1W-Y</td>
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<td></td>
<td>'Oregon Lights' 2W-O</td>
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<td>'Geometrics' 2W-Y</td>
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<td>'Dabster' 1W-Y</td>
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<td>'Demand' 2Y-Y</td>
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<td>'Torridon' 2Y-O</td>
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<td>'Loch Leven' 2O-ORR</td>
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<td>'Twilight Zone' 2YYW-WW</td>
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<td>'Protocol' 6W-W</td>
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<td>'Emperor's Waltz' 6Y-YO</td>
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<td>'Max' 11a-YYR</td>
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<td></td>
<td>'Beryl' 6W-YYO</td>
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<tr>
<td><strong>Clinton, MS</strong></td>
<td><strong>Knoxville, TN</strong></td>
</tr>
<tr>
<td>Jack Hollister</td>
<td>'Ruth Pardue'</td>
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<tr>
<td></td>
<td>'Southern Hospitality'</td>
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<tr>
<td></td>
<td>4Y-R</td>
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<td>'Dalchas' 2W-P</td>
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<td>'Armley Wood' 2Y-YOR</td>
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<td>'Xunantunich' 2YYW-WW</td>
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<td>'Tenterfield' 1Y-Y</td>
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<td>'Lone Star' 2W-W</td>
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<td>'Watercolor' 2W-P</td>
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<td>'Fly Half' 2Y-P</td>
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<td>'Backchat' 6Y-Y</td>
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<td>'Creme de Menthe' 2W-GWW</td>
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<td>'Polbathic' 2Y-R</td>
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<td>'Dynasty' 2Y-R</td>
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<tr>
<td><strong>Silverton, OR</strong></td>
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<tr>
<td>Steve Vinisky</td>
<td>'Kiwi Gossip' 2Y-R</td>
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<tr>
<td>V87-13-1, 3W-YYR</td>
<td>'Refresh' 3W-R</td>
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<tr>
<td>V92-93-23, 2W-W</td>
<td>('Misty Glen' x 'Rhapsody')</td>
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<td>'Night Music' 4W-P</td>
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<td></td>
<td>V91-66-3, 2Y-Y ('Gold Convention' x 'Tenterfield')</td>
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<tr>
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<td>'Fortescue' 4W-R</td>
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<td>V92-180-2, 2Y-O ('Crag Dubh' x 'Rory's Glen')</td>
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<td>V87-69-11, 8Y-R</td>
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<td>V91-70-6, 2W-P ('Cool Flame' x 'Obsession')</td>
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<td>V93-23-3, 1Y-P ('Memento' x 'Filoli')</td>
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<td>Q77-12, 2W-O</td>
</tr>
</tbody>
</table>

**Hernando, MS**
- Jack Hollister
  - 'Magic Maiden' 2W-R
  - 'Boyne Bridge' 1Y-O
  - 'Holme Fen' 2W-Y
  - 'Abona' 2Y-Y
  - 'Lemon Sails' 2Y-Y
  - 'Cairnoul' 3W-YOO
  - 'Hacienda' 1Y-YOO
  - 'Glen Echo' 2W-W
  - 'Ice Wings' 5W-W
  - 'Golden Joy' 2Y-Y
  - 'Panache' 1W-W

**Swallow' 6YYW-W**
St. Louis, MO
Barbara Bowman
‘Golden Jewel’ 2Y-GYY
‘Bewdy’ 1W-Y
‘Warbler’ ‘Y-Y
‘Pink Silk’ 1W-P
‘Prosperity’ 1Y-Y
‘Trena’ 6W-Y
‘Pops Legacy’ 1W-Y
‘Impresario’ 2Y-WWY
Havens HH1304, 6Y-O
‘Loch Hope’ 2Y-R
‘Wings of Freedom’ 6Y-Y
‘Lemon Silk’ 6YYW-W

Chapel Hill, NC
Elise Olsen
‘Intrigue’ ‘Y-Y
‘Premiere’ 2W-GPP
‘Goldfinger’ 1Y-Y
‘Silent Valley’ 1W-GWW
‘Lough Bawn’ 2Y-R
‘Dress Circle’ 3W-YYR
‘Loch Owsketchi’ 2Y-O
‘Coromandel’ 2Y-Y
‘River Queen’ 2W-W
‘Great Gatsby’ 2Y-R
‘High Society’ 2W-GWP
‘Golden Aura’ 2Y-Y

Nashville, TN
Ruth Pardue
‘Acapulco’ 8Y-O
‘Cool Shades’ 2Y-Y
‘Nob Hill’ 2YYW-Y
‘Intrigue’ 7W
‘Rainbow’ W-WWP
‘Golden Aura’ 2Y-Y
‘Gull’ 2W-GWW
‘Lady Be Good’ 2Y-O
‘Colley Gate’ 3W-YOR
‘Lighthouse Reef’ IYYW-WWY
‘Shadow Mist’ 2W-WWP
‘Resplendent’ 2Y-R

Wichita, KS
Ray Morrisette
‘Barrett Browning’ 3WYY-O
‘Celtic Gold’ 2Y-Y
‘Golden Amber’ 2Y-OOY
‘Creag Dubh’ 2O-R
‘Impresario’ 2Y-WWY
‘Skater’s Waltz’ 6Y-Y
‘Canis’ 2W-W
‘Glissando’ 2Y-Y
‘Pink Silk’ 1W-P
‘Loch Lundy’ 2Y-O
‘Wasco’ 2Y-WWY

Gloucester, VA
M/M Samuel Nock
‘Green Linnet’ 3W-GGO
‘Lennymore’ 2Y-R
‘Williamsburg’ 2W-W
‘Camelot’ 2Y-Y
‘Premiere’ 2W-GPP
‘Intrigue’ 7Y-W
‘Rapture’ 6Y-Y
‘High Society’ 2W-GWP
‘Pink Formal’ 11aW-P
‘Distant Drums’ 2Y-R
‘Golden Aura’ 2Y-Y
‘Bravoure’ 1W-Y

Princess Anne, MD
Jack Holland
‘Jovial’ 5Y-O
‘Ice Wings’ 5W-W
‘Gull’ 2W-GWW
‘Montego’ 3Y-YYO
‘Broomhill’ 2W-W
‘Loch Hope’ 2Y-R
‘Glenfarclas’ 1Y-O
‘Verdant’ 1Y-GYY
‘Glissando’ 2Y-Y
‘Daydream’ 2Y-Y
‘Falstaff’ 2Y-O
‘Clouded Yellow’ 2YYW-Y

Scottsburg, IN
Linda Walle
‘Kazuko’ 3W-R
‘Silent Valley’ 1W-GWW
‘Returnsburg’ 2W-W
‘Wychavon’ 2W-YYR
‘Crackington’ 4Y-O
‘Goff’s Caye’ 2YYW-W
‘Muster’ 4W-O
‘Akkad’ 1Y-Y
‘Foundling’ 6W-P
‘Lavender Lass’ 6W-GPP
‘Pradya’ 2Y-W
‘Betsy McDonald’ 6W-P

Edgewater, MD
Joanna Tighman
‘Falconet’ 8Y-R
‘New Penny’ 3Y-Y
‘Geometrics’ 2W-Y
‘Castanets’ 8Y-O
‘Noteworthy’ 3W-YYO
‘Copperfield’ 2Y-O
‘Dress Circle’ 3W-YYR
‘Ravenhill’ 3W-GYO
‘Ashland’ 2W-Y
‘Homestead’ 2W-W
‘Crackington’ 4Y-O
‘Williamsburg’ 2W-W

Cincinnati, OH
Tom Stettner
Duncan 1771, 3H-YYR
(‘Burning Bush’ x ‘Amboseli’)
‘Clouds Rest’ 2W-P
‘Bee Mabley’ 3W-YYO
‘Kelanne’ 2YW-P
‘Amboseli’ 3Y-YYR
‘Carib Gipsy’ 2YW-WWY
‘Triple Crown’ 3Y-GYR
‘Doctor Jazz’ 2Y-ORR
‘Painted Desert’ 3Y-GYO
‘Sunday Chimes’ 5W-W
‘Songket’ 2W-GWP
‘Filoli’ 1Y-YP

Chillicothe, OH
Leone Low
‘Great Gatsby’ 2Y-R
5-5B2W, 2W-YP (Lea 2-45-77 x KF-1)
‘Triple Crown’ 3Y-GYR
‘Malibu’ 4Y-R
‘Soprano’ 2W-GPP
‘Fresh Lime’ 1YYW-Y
5-5B2S, 2W-P (Lea 2-45-77 x KF-1)
‘Lemon Sails’ 2Y-Y
‘Gallactica’ 2Y-YOO
901A, 1W-P
‘Michaels Gold’ 2Y-Y
‘White Tea’ 2W-GWW

Indianapolis, IN
Suzy Wert
‘Hoopoe’ 8Y-O
‘Limequilla’ 7W-W
‘Crystal Springs’ 2YYW-GWW
‘Amboseli’ 3Y-YYR
‘Thackeray’ 9W-GYR
‘Satin Moon’ 3Y-Y
‘Vernal Prince’ 3-GYY
‘Verdoy’ 2W-PPW
N. triandrus triandrus
13W-W
'Sewance' 2W-Y
N. triandrus pallidulus
13W-W

Livermore, CA
Bob Spotts
'Minnow' 8W-Y
'Hohokam' 7Y-Y
'Oz' 12Y-Y
90-M-1, 7Y-Y

89-M-15, 7Y-Y
'Sundial' 7Y-Y
'Angel o' Music' 5Y-Y
'Yellow Xit' 3W-Y
'Angel's Whisper' 5Y-Y
'Moncorvo' 7Y-Y
'Little Rusky' 7Y-GYO
'Sabrosa' 7Y-Y

Clinton, MS
Ted Snazelle
N. jonquilla 13Y-Y
N. bulbocodium conspicuus 13Y-Y
N. wilkommii 13Y-Y
'Tete-a-Tete' 12Y-Y
'Angel's Breath' 5Y-Y
'Oz' 12Y-Y
'Quince' 12Y-Y
'Hummingbird' 6Y-Y
'Flyaway' 12Y-Y
'Minnow' 8W-Y
'Angel's Whisper' 5Y-Y
'Sabrosa' 7Y-Y

Murphys, CA
Bob Spotts
'Kokopelli' 7Y-Y
'Sun Disc' 7Y-Y
'Xit' 3W-W
'Yellow Xit' 3W-Y
'Crevette' 8W-O
'Sabrosa' 7Y-Y
'Fairy Chimes' 5Y-Y
'Mary Plumstead' 5Y-Y
'Rikiki' 7W-Y
'Moncorvo' 7Y-Y
'Minnow' 8W-Y
'Clare' 7Y-Y

Fortuna, CA
Kirby Fong
'Sir Echo' 1Y-W
'Curlylocks' 7Y-Y
'Angel's Whisper' 5Y-Y
'Segovia' 3W-Y
N. jonquilla 13Y-Y
'Gadget' 10Y-Y
'Blynken' 6Y-Y
'Little Star' 6Y-Y
'Sabrosa' 7Y-Y
'Minnie' 6Y-Y
'Pixie's Sister' 7Y-Y
'Little Rusky' 7Y-GYO

Conway, AR
Martha Anderson
'Sabrosa' 7Y-Y
'Little Missus' 7Y-Y
'Alec Gray' 1W-W
'Little Emma' 12Y-Y
N. jonquilla henriquesii 13Y-Y
'Jumbie' 12Y-O
'Canaliculatus' 8W-Y
'Minnow' 8W-Y
'Picoblanco' 2W-W
'Bird Flight' 6Y-GYY
'Ferdie' 6Y-Y

'Hernando, MS
Larry Force
N. cordubensis 13Y-Y
N. fernandesii 13Y-Y
'Canaliculatus' 8W-Y
'Mitiimoto' 10W-Y
'Xit' 3W-W
'Sundial' 7Y-Y
'Angel's Breath' 5Y-Y
'Sabrosa' 7Y-Y
'Fenben' 7Y-Y
'Oz' 12Y-Y
'Yellow Xit' 3W-Y
'Smarple' 10W-W

Knoxville, TN
Delia Bankhead
'Angel o' Music' 5Y-Y
'Yellow Fever' 7Y-Y
'Minnow' 8W-Y
'Angel's Breath' 5Y-Y
'Exit' 3W-W
'Little Lass' 5W-W
'Sabrosa' 7Y-Y
'Laura' 5W-W
'Cupid' 12Y-Y
'Blynken' 6Y-Y
'Little Emma' 2Y-Y
'Pequenita' 7Y-Y

Silverton, OR
Steve Vinisky
N. rupicola 13Y-Y
N. wilkommii 13Y-Y
N. cyclamineus 13Y-Y
N. bulbocodium temufolius 13Y-Y
'Yellow Xit' 3W-Y
'Cupid' 12Y-Y
'Arrival' 1W-Y
'Angel's Whisper' 5Y-Y
'Angel's Breath' 5Y-Y
'Snipe' 6W-W
'Angel o' Music' 5Y-Y
V96-96-2, 2W-YPP
('Brooke Ager' x ('Small Talk' x 'Candlepower'))

Chapel Hill, NC
Delia Bankhead
961-3, 2W-W
'Angel's Whisper' 5Y-Y
'Junior Miss' 12W-Y
'Yellow Fever' 7Y-Y
'Shillingstone' 8W-W

'Yellow Xit' 3W-Y
'Angel's Breath' 5Y-Y
'Canaliculatus' 8W-Y
'Laura' 5W-W
'Sabrosa' 7Y-Y
'Xit' 3W-W
'Little Emma' 12Y-Y

Cincinnati, OH
Naomi Liggett
'Sabrosa' 7Y-Y
'Yellow Xit' 3W-Y
'Stafford' 7Y-YYO
'Hummingbird' 6Y-Y
N. rupicola 13Y-Y
'Spoiroit' 10W-W
'Small Talk' 1Y-Y
'Snipe' 6W-W
'Minnie' 6Y-Y
N. triandrus pallidulus 13Y-Y
N. bulbocodium graellsii 13Y-Y

Wheaton, MD
Olivia Welbourn
'Spoiroit' 10W-W
'Pakotai' 12Y-Y
'Laura' 5W-W
'Hummingbird' 6Y-Y
'Minnow' 8W-Y
'Minnie' 6Y-Y
'Stella Turk' 6Y-Y
'Orcus' 10W-W
'Sabrosa' 7Y-Y
'Yellow Xit' 3W-Y
'Ferdie' 6Y-Y
'Swagger' 6W-W

Charles Town, WV
Kathleen McAllister
N. bulbocodium 13Y-Y
N. jonquilla 13Y-Y
'Sewanee' 2W-Y
'Stafford' 7Y-O
'Hawera' 5Y-Y
'Xit' 3W-W
'Pixie's Sister' 7Y-Y
'Segovia' 3W-Y
'Clare' 7Y-Y
'Fairy Chimes' 5Y-Y
'Angel's Whisper' 5Y-Y
'Little Rusky' 7Y-GYO

Chillicothe, OH
Naomi Liggett
'Minnow' 8W-Y
'Yellow Xit' 3W-Y
'Clare' 7Y-Y
'Segovia' 3W-Y
'Little Rusky' 7Y-GYO
'Angel's Breath' 5Y-Y
'Xit' 3W-W
'Stafford' 7Y-YYO
'Snipe' 6W-W
*N. bulbocodium graellsi* 13Y-Y
'Sabrosa' 7Y-Y
*N. assoanus* 13Y-Y

**Indianapolis, IN**

Suzy Wert
'Angel's Whisper' 5Y-Y
*N. bulbocodium conspicuus* 13Y-Y
*N. bulbocodium bulbocodium* 13Y-Y
'Sabrosa' 7Y-Y
'Clare' 7Y-Y
'Quince' 12Y-Y
'Chappie' 7Y-O
*N. jonquilla jonquilla* 13Y-Y
'Little Rusky' 7Y-GYO
'Segovia' 3W-Y
'Minnow' 8W-Y
'Three of Diamonds' 3W-GWO

**Baltimore, MD**

Olivia Welbourn
*N. triandrus* 13W-W
'Mitimoto' 10W-Y
'Laura' 5W-W
'Stafford' 7Y-YYO
'Sewanee' 2W-Y
'Moncorvo' 7Y-Y
'Snipe' 6W-W
'Pakotai' 12Y-Y
'Orclus' 10W-W
'Little Emma' 12Y-Y
'Smarple' 10W-W
'Stella Turk' 6Y-Y

**Morristown, NJ**

Liz Ellwood
'Sewanee' 2W-Y
'Elka' 1W-W
'Jumblie' 12Y-O

'Toto' 12W-W
'Picobianco' 2W-W
'Xit' 3W-W
'Sabrosa' 7Y-Y
'Star Song' 6Y-Y
'Minnow' 8W-Y
'Kholmes' 10W-W
'Petit Buerre' 1Y-Y
'Sassy' 12Y-Y

**Columbus, OH**

Naomi Liggett
'Clare' 7Y-Y
'Little Rusky' 7Y-GYO
'Stafford' 7Y-YYO
'Orclus' 10W-W
'Segovia' 3W-Y
'Yellow Xit' 3W-Y
'Xit' 3W-W
'Minnow' 8W-Y
*N. assoanus* 13Y-Y
'Moncorvo' 7Y-Y
'Spiroirt' 10W-W
'Angel o' Music' 5Y-Y

**Chambersburg, PA**

Robert Darling
'Little Rusky' 7Y-GYO
'Moncorvo' 7Y-Y
'Segovia' 3W-Y
'Minnow' 8W-Y
'Clare' 7Y-Y
*N. jonquilla* 13Y-Y
'Xit' 3W-W
'Weston 12, 9W-GRY
'Sun Disc' 7Y-Y
'Hawera' 5Y-Y
'Mite' 6Y-Y
'Golden Bells' 10Y-Y

**Kennedy Square, PA**

Kathy Welsh
*N. rupicola* 13Y-Y
*N. triandrus triandrus* 13W-W
'Little Rusky' 7Y-GYO
*N. bulbocodium* 13Y-Y
*N. triandrus pallidulis* 13
'Stafford' 7Y-YYO
'Fairy Chimes' 5Y-Y
'Pixie's Sister' 7Y-Y
'Sun Disc' 7Y-Y

**Greenwich, CT**

Liz Ellwood
'Sabrosa' 7Y-Y
'Little Rusky' 7Y-GYO
'Fairy Chimes' 5Y-Y
'Sundial' 7Y-Y
*N. bulbocodium conspicuus* 13Y-Y
'Clare' 7Y-Y
'Xit' 3W-W
'Junior Miss' 12W-Y
'Yellow Xit' 3W-Y
'Stafford' 7Y-YYO
'Three of Diamonds' 3W-GWO
'Rikki' 7W-Y

**Chicago, IL**

Nancy Pilipuf
'Star Music' 6Y-Y
'Minnie' 6Y-Y
'Sabrosa' 7Y-Y
'Mortie' 6Y-Y
'Sundial' 7Y-Y
'Snipe' 6W-W
'Sewanee' 2W-Y
'Segovia' 3W-Y
'Xit' 3W-W
'Kokopelli' 7Y-Y
'Yellow Xit' 3W-Y
'Stafford' 7Y-YYO

**Chanhamen, MN**

Michael Berrigan
'Flomay' 7W-WWP
'Sun Disc' 7Y-Y
'Yellow Fever' 7Y-Y
'Sabrosa' 7Y-Y
'Paula Cottlel' 3W-GWW
'Fenben' 7Y-Y
'Little Sentry' 7Y-Y
'Rikki' 7W-Y
'Little Rusky' 7Y-GYO
'Elka' 1W-W
'Yellow Xit' 3W-Y
'Snipe' 6W-W
### ELISE HAVENS AWARD—Collection of 12 standard daffodils from at least 3 divisions in Divisions 5 through 10.

<table>
<thead>
<tr>
<th>National Show</th>
<th>Award Name</th>
<th>Description</th>
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### Awards

- **Falconet** 8Y-R, **Rising Star** 7W-P
- **Greenwich, CT**
  - Mildred Hornblower: 'Suzy' 7Y-O
  - 'Thalia' 5W-W
  - 'Wings of Freedom' 6Y-Y
  - 'Stint' 5Y-Y
  - 'Lapwing' 5W-Y
  - 'Lemon Sprite' 7YYW-W
  - 'Beryl' 6W-YYO
  - 'Cazique' 6W-W
  - 'Warbler' 6Y-Y
  - 'Bell Song' 7W-P
  - 'Jovial' 5Y-O
  - 'Jack Snipe' 6W-Y
- **Chicago, IL**
  - Gerard Knehan:
    - 'Fruit Cup' 7W-Y
    - 'Work of Art' 7W-P
    - 'Chipper' 5Y-Y
    - 'Lemon Silk' 6YYW-W
    - 'Jingle Bells' 5W-Y
    - 'Satin Blank' 7W-GWW
    - 'Hoopoe' 8Y-O
    - 'Ringing Bells' 5W-W
    - 'Green Pearl' 9W-GWW
    - 'Petrel' 5W-W
    - 'Saint Piran' 7W-Y
    - 'Frank's Fancy' 9W-GGR
- **Chanhassen, MN**
  - Michael Berrigan:
    - 'Cotinga' 6W-P
    - 'Falconet' 8Y-R
    - 'Logan Rock' 7Y-Y
    - 'Ocean Breeze' 6W-W
    - 'Admiration' 8Y-O
    - 'La Fiancee' 8W-O
    - 'Akepa' 5W-P
    - 'Lemon Tarts' 7YYW-W
    - 'Jettfire' 6Y-O
    - 'Georgie Girl' 6W-GWP
    - 'Rapture' 6Y-Y
    - 'Tuesday's Child' 5W-Y
NATIONAL SHOW
Louisville, KY
Jack Hollister
‘Shadow’ 2W-GWW
‘Happy Fellow’ 2Y-YOO
‘Carib Gipsy’ 2Y-WWY
‘Goldfinger’ 1Y-Y
‘Bee Mabley’ 3W-YYO
‘Molten Lava’ 3Y-YYR
‘Ethereal Beauty’ 2W-WWP
‘Nonchalant’ 3Y-GYY
‘Cherrygardens’ 2W-GPP
‘Tyson’s Corner’ 3W-GYR
‘Sunday Chimes’ 5W-W
‘Fire-Blade’ 2Y-YYO
‘Eland’ 7W-W
‘Dawn Run’ 20-R
‘Cupid’s Eye’ 3Y-GYP

Livermore, CA
Kirby Fong
‘Tamar Lad’ 2Y-YOO
‘Nederburg’ 1Y-O
‘Pacific Fire’ 2Y-YOO
‘Huntley Down’ 1Y-Y
‘Timberman’ 2W-Y
94-4, 3Y-Y
‘Marjorie Treveal’ 4Y-R
‘Veridian’ 2W-W
‘Arapawa Icon’ 4Y-R
‘Cameo Ice’ 1W-W
‘Capree Elizabeth’ 2Y-P
‘Rubicon Blush’ 1W-P
‘Desert Storm’ 2Y-ORR
‘Des Oldham’ 2W-P
‘Some Day’ 2Y-R

Clinton, MS
Jack Hollister
‘Parnell’s Knob’ 1Y-Y
‘Uncle Duncan’ 1Y-O
‘Punter’ 2W-Y
‘Scipio’ 2Y-Y
‘Resplendent’ 2Y-R
‘Pretty Miss’ 7W-Y
‘Harmony Bells’ 5Y-Y
‘Cindywood’ 1Y-W
‘Happy Hour’ 7Y-O
‘Rames’ 2W-O
‘King Hit’ 2Y-YOO
‘Jetfire’ 6Y-O
‘Brentwood’ 8W-Y

Fortuna, CA
Kirby Fong
‘Irish Fire’ 2Y-R
‘Absolute’ 2W-YYP
‘Balalaika’ 2Y-YKR
‘Good Fishing’ 2W-YOO
‘Sharnden’ 1Y-Y
‘Artists Dream 2WYY-Y
‘Muster’ 4W-O
‘Half Moon Caye’ 2YYW-WWY
‘Teina’ 3W-R
‘Gough’ 2W-W
‘Fine Romance’ 2W-WPP
‘First Born’ 6YWW-GYP
‘Kathy’s Clown’ 6W-WWP
‘Hero’ 1Y-O
‘Ringer’ 9W-GYO

Hernando, MS
Jack Hollister
‘Bell Song’ 7W-P
‘Chorus Line’ 8W-Y
‘Hartz’ 3Y-O
‘Bailey’ 20-O
‘Geranium’ 8W-O
‘Charlote’ 3Y-W
‘Martinette’ 8Y-O
‘Forest Park’ 2W-W
‘Golden Girl’ 1Y-Y
‘Vice President’ 2W-P
‘Misty Glen’ 2W-GGW
‘Limey Circle’ 3W-WWY
‘Mary Robinson’ 2Y-Y
‘Ben Vorlich’ 2W-YOO
‘Hidcote’ 2Y-R

Nashville, TN
Jon Long
‘Carib’ 6W-P
‘Grand Primo’ 8W-Y
‘Quail’ 7Y-Y
‘Bewdy’ 1W-Y
‘Broomhill’ 2W-W
‘Hot Gossip’ 2Y-O
‘Dook’s Stand’ 2W-Y
‘Bookmark’ 1Y-P
‘Nancy Reagan’ 2Y-YYR

Daydream’ 2Y-W
‘Pacan’ 1Y-Y
‘Pastorale’ 2Y-WWW
‘Capisco’ 3W-GYY
‘Guinevere’ 2Y-Y
‘Evesham’ 3W-GYY

Scottsburg, IN
Suzy Wert
‘Patchit’ 3W-OOR
‘Geometrics’ 2W-Y
‘Rim Ride’ 3W-GYO
‘Crystal Blanc’ 2W-GW
‘Bandit’ 2W-YYO
‘Declare’ 2W-P
‘Tristram’ 2Y-Y
‘Erliecheer’ 4W-Y
‘Chickerell’ 3Y-YKR
‘Pastidious’ 2W-W
‘Ice Wings’ 5W-W
‘Fairy Circle’ 3W-WWO
‘Dainty Miss’ 7W-GWW
‘Rimski’ 2W-YWP
‘Rimmon’ 3W-GWW

Cincinnati, OH
Leone Low
‘Serene Sea’ 3Y-Y
‘Ashland’ 2W-Y
‘Goff’s Caye’ 2YYW-W
‘Mississippi Traveler’ 2WYY-Y
‘Quiet Waters’ 1W-W
‘Magic Moment’ 3Y-YYO
‘Clouded Yellow’ 2YYW-Y
‘Hartz’ 3W-O
‘Lemon Sails’ 2Y-Y
‘Obsession’ 2W-P
‘Xunantunich’ 2YYWW-WWY
‘Chanson’ 1W-P
‘White Tea’ 2W-GWWW
‘Dawn Run’ 20-R
2YO-1, 2W-GYY
(‘Euphony’ x ‘Hambledon’)

Wheaton, MD
Kathy Andersen
2-1,4,0,1, 2W-P
‘Carnyorth’ 11aY-O
'Eridanus' 2W-W
'Castanets' 8Y-O
'Trigonometry' 11aW-P
'Bryanston' 2Y-Y
'Bodwannick' 2W-OOY
'Viking' 1Y-Y
'Flash Affair' 2W-Y
'Lennymore' 2Y-R
'High Seas' 1W-Y
'Highlite' 2Y-YY
'Elfin Gold' 6Y-Y
'Neahkahnie' 1W-W
'Arrowhead' 6Y-R

Charles Town, WV
Mitch Carney
'Bandesara' 3O-R
'Pure Joy' 2W-Y
'Craeg Dubh' 2O-R
'Bercuce' 2P-W
'Trelay' 3Y-OO
'Merlin's Castle' 3W-GYO
'Tamar Lad' 2Y-O
'Rainbow' 2W-WWP
'Clouded Yellow'
2YYW-Y
'Conestoga' 2W-GYO
'Glencarlas' 1Y-O
'Pink Delight' 1W-P
'Ethos' 1Y-Y
'Glen Echo' 2W-W
'Junior Prom' 4Y-R

Chillicothe, OH
Tag Bourne
'Caribbean Snow'
2YYW-W
'Colley Gate' 3W-YOR
'Crackington' 4Y-O
'Killearnan' 9W-GYR
'Banker' 2Y-O
'Colonial White' 2W-W
'Limbo' 2O-R
'Royal Marine' 2W-YOO
'Fire-Blade' 2Y-YYO
'Notre Dame' 2W-GYP
'Hartgrove' 2Y-W
'Tristram' 2Y-Y
'Red Alert' 2Y-R
'Intrigue' 7Y-W
'Whisky Mac' 2YYW-Y

Baltimore, MD
Kathy Welsh
'Russian Chimes' 5W-W

Greenwich, CT
Mildred Hornblower
'Salome' 2W-PPY
'La Paloma' 3W-GYR
'Citron' 3Y-WWY
'Falstaff' 2Y-O
'Show Biz' 3W-OOO
'Homestead' 2W-W
'Ahwahnee' 2Y-YOO
'Grebe' 4Y-O
'Prairie Fire' 3O-R
'Avril Amour' 1W-W
'Lemon Lyric' 2YYW-Y
'Doak's Stand' 2W-Y
'Orange Walk' 3W-OOY
'Fragrant Rose' 2W-GPP
'Lemon Brook' 2YYW-W

Nantucket, MA
Mary Malavase
'Christmas Valley' 4W-P
'Pink Frost' 2W-P
'Homestead' 2W-W
'Flight' 2W-GWW
'Palmares' 11aW-P
'Piano Concerto' 2W-P
'Cassata' 11aW
'Boulder Bay' 2Y-YYO
'Lima' 2W-P
'Monticello' 1Y-W
'Graduation' 2W-WWP
'Nob Hill' 2YYW-Y
'Pink China' 2W-P
'Champagne Magnum' 2W-GYY
'Rapture' 6Y-Y

Chanhassen, MN
Edie Godfrey
'Painted Desert' 3Y-GYO
'Chickerell' 3Y-YYR
'Chilmark' 3Y-O
'Justine' 2Y-YYR
'Yoshiko' 2W-P
'Foxfire' 2W-GWO
'Shearwater' 2W-WWY
'Dilemma' 3Y-YYO
'Front Royal' 2Y-YYO
'Jonathan' 2W-YYO
'Cyros' 1W-Y
'Matapan' 3W-R
'Magna Carta' 2W-O
'Safari' 2Y-O
'High Society' 2W-GWP
CAREY E. QUINN AWARD—Collection of 24 from 5 divisions

NATIONAL SHOW
Louisville, KY
Bill Pannill
‘Lennymore’ 2Y-R
‘Ashland’ 2W-Y
‘Spring Break’ 2W-P
‘Irvington’ 3W-R
‘Mulroy Bay’ 1Y-Y

Fortuna, CA
Bob Spotts

Murphys, CA
Bob Spotts

Hernando, MS
Jack Hollister


Knoxville, TN
Lois Van Wie

Silverton, OR
Steve Vinisky
‘Redlands Too’ 2Y-R V87-13-1, 3W-YYR (‘Beautiful Dream’ x ‘Coo’)
Bender B188-185, 1Y-Y
'Quiet Waters' 1W-W
'Ice Wings' 5W-W
'Swallow Wing' 6W-WWP
'Michaels Gold' 2Y-Y
84-3NN, 3W-Y
'Savoir Faire' 2W-GWP
'Colonial White' 2W-W
92-4-7, 9W-GYR
85-2-X, 5W-Y

Wheaton, MD
Bob & Lisa Huesmann
'Limbo' 20-R
'Evesham' 3W-GYY
'Young American'
1YYW-WWY
'Purbeck' 3W-YOO
'Gold Convention' 2Y-Y
'Sweet Sue' 3W-YYO
'Pacific Rim' 2Y-YR
'Trigonometry' 11aW-P
'Sheelaugh Rowan' 2W-W
'Crackington' 4Y-O
'Supreme Empire' 2W-P
'Shining Light' 2Y-R
'Casterbridge' 2YYW-O
'Conestoga' 2W-GYO
'Badbury Rings' 3Y-YR
'Aintree' 3W-O
'Punter' 2W-Y
'Lemon Brook' 2YYW-W
'Whang-Hi' 6Y-O
'Actaea' 9W-YYR
'Torridon' 2Y-O
'Irish Kiss' 2W-P
'Perimeter' 3Y-YYO
'Jetfire' 6Y-O

Charles Town, WV
Glenna Graves
'Stratosphere' 7Y-O
'Elizabeth Ann' 6W-GWP
'Bantam' 2Y-O
'Ice Wings' 5W-W
'Hillstar' 7YYW-YWW
'Dulcimer' 9W-GYO
'Conestoga' 2W-GYO
'Century' 2W-WWP
'Executive Pink' 2W-P
'Dynasty' 2Y-R
'Geranium' 8W-O
'River Queen' 2W-W
'Lara' 2W-O

Chillicothe, OH
Donna Dietsch
89-77, 2W-W ('Cold
Overton' x 'Home-
stead')
89-55, 2YYW-Y ('Prosper-
ity' OP)
89-76, 2W-W ('Star-
mount' x 'Winfrith')
'Howard's Way' 3W-
GYR
'Sabre' 2Y-R
89-108, 3W-WWY ('Top of
the Hill' x 'Loth Lo-
rien')
91-34, 3W-GWO (Postles
dlg. x 'Portwilliam')
89-111, 3W-Y ('Spindi-
detop' x 'Limey Cir-
cle')
86-20, 3W-YYO
89-109, 2W-Y ('Mon-
ticello' x 'Buncrana')
'Glasnevin' 2W-W
89-95, 2Y-YOO ('Brack-
enhurst' OP)
'Swing Wing 6W-GPP
'Spindetop' 3W-Y
'Altun Ha' 2YYW-W
'Gransha' 3W-GYR
'Late Call' 3W-GYR
'Carib Gypsy' 2W-WWY
'Netherwood Marsh' 3W-W
89-92, 2Y-YOO ('Loch
Rimdsdae' x 'Namraj')
'Starfire' 7Y-O
'Sun Ball' 4Y-Y
93-21, 3Y-GYO ('Moon
Ranger' x 'Badbury
Rings')
'Witch Doctor' 3W-YYO

Indianapolis, IN
Suzy Wert
'Molten Lava' 3Y-YYR

Baltimore, MD
Kathy Andersen
'First Born' 6YYW-GYP
'Arrowhead' 6Y-R
'Barnstorm' 2W-W
'Gold Bond' 2Y-Y
'Trigonometry' 11aW-P
'Some Day' 2Y-R
'Rising Star' 7W-P
'Whang-Hi' 6Y-O
'Truculent' 3W-WWY
'Bryanston' 2Y-Y
'Dawn Frost' 2W-WP
'Intrigue' 7W-Y
'Artists Dream' 2W-WYY-
Y
'Misquote' 1Y-Y
'Quiet Waters' 1W-W
Brogden 308/6, 2Y-R
Brogden 167/2, 2W-Y
'Terminator' 2Y-R
'Mushroom' 4W-O
'Capree Elizabeth' 2Y-P
'Cover Story' 2W-P
'Cameo Fire' 2Y-R
'Homestead' 2W-W
'Nynja' 2Y-Y

Morristown, NJ
Martha Ann Griner
'Porchchapel' 7 Y-O
'Shining Light' 2Y-R
### BRONZE RIBBON
Collection of 3 stems each of 12 cultivars from 3 divisions

<table>
<thead>
<tr>
<th>Clinton, MS</th>
<th>Scottsburg, IN</th>
<th>Chanhassen, MN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jack Hollister</td>
<td>Bill Pannill</td>
<td>Michael Berrigan</td>
</tr>
<tr>
<td>‘Pinaroo’ 2W-Y</td>
<td>J74, 2YYW-Y</td>
<td>‘Amboseli’ 3Y-YYR</td>
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<tr>
<td>‘Bald Eagle’ 2W-W</td>
<td>89-19B, 1YYW-P</td>
<td>‘Colley Gate’ 3W-YOR</td>
</tr>
<tr>
<td>‘Hero’ 1Y-O</td>
<td></td>
<td>‘Compute’ 1W-Y</td>
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<tr>
<td>‘Skater’s Waltz’ 6Y-Y</td>
<td></td>
<td>‘Joppa’ 7Y-YYO</td>
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<tr>
<td>‘Chateau Impncy’ 2Y-O</td>
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<td>‘Crackington’ 4Y-O</td>
</tr>
<tr>
<td>‘Jetfire’ 6Y-O</td>
<td></td>
<td>‘Carib Gipsy’ 2Y-WYW</td>
</tr>
<tr>
<td>‘Forge Mill’ 2Y-GOO</td>
<td></td>
<td>‘Osmington’ 2W-R</td>
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<tr>
<td>‘Uncle Duncan’ 1Y-O</td>
<td></td>
<td>‘Rhyspody’ 2W-W</td>
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<tr>
<td>‘King’s Grove’ 1Y-O</td>
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<td>‘Geometrics’ 2W-Y</td>
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<tr>
<td>‘Emperor’s Waltz’ 6Y-YYO</td>
<td></td>
<td>‘Aintree’ 3W-O</td>
</tr>
<tr>
<td>Tribe B16/1, 1Y-O</td>
<td></td>
<td>‘Rapture’ 6Y-Y</td>
</tr>
<tr>
<td>Bender 90/205, 2Y-Y</td>
<td></td>
<td>‘Yamhill 2W-YYW</td>
</tr>
</tbody>
</table>

### MINI BRONZE
Collection of 3 stems each of 5 miniatures from 3 divisions

<table>
<thead>
<tr>
<th>Clinton, MS</th>
<th>Chanhassen, MN</th>
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</thead>
<tbody>
<tr>
<td>Ted Snazelle</td>
<td>Michael Berrigan</td>
</tr>
<tr>
<td><em>N. volkommnii</em> 13Y-Y</td>
<td>‘Paula Cottell’ 3W-GWW</td>
</tr>
<tr>
<td>‘Flyaway’ 12Y-Y</td>
<td>‘Little Rusky’ 7Y-GYO</td>
</tr>
<tr>
<td>‘Fenben’ 7Y-Y</td>
<td>‘Bobbysoxer’ 7Y-YYO</td>
</tr>
<tr>
<td>‘Sabrosa’ 7Y-Y</td>
<td>‘Segovia’ 3W-Y</td>
</tr>
<tr>
<td>‘Minnow’ 8W-Y</td>
<td>‘Hawera’ 5Y-Y</td>
</tr>
</tbody>
</table>

### NATIONAL SHOW AWARDS

#### Matthew Fowlds Award
(best named standard cyclamen hybrid)
- Suzy Wert
  - ‘Rapture’ 6Y-Y

#### Olive W. Lee Trophy
(best standard daffodil from Divisions 5, 6, 7, or 8)
- Larry Force
  - ‘Sunday Chimes’ 5W-W

#### Grant and Amy Mitsch Trophy
(best vase of three stems of one standard daffodil seedling exhibited by the originator)
- Steve Vinisky
  - V92-72-1, 5Y-Y (‘Hillstar’ x *N. triandrus capex*)

#### John and Betty Larus Award
(best vase of 3 stems of one miniature daffodil seedling exhibited by the originator)
- Leone Low
  - 56-14, 1Y-Y (‘Wee Bee’ x ‘Divine’) x ‘Pledge’

#### English Award
(5 standard cultivars bred in England)
- Nancy Cameron
  - ‘Uncle Duncan’ 1Y-O (Pearson)
  - ‘Brierglass’ 2W-GWW (Lea)
  - ‘Meldrum’ 1Y-Y (Lea)
'Helford Dawn' 2Y-W (Scarm)
'Crackington' 4Y-O (Lloyd)

Carneairn Trophy (5 standard cultivars bred in Ireland)
Stan Baird
'Bouzouki' 2Y-R (Duncan)
'Triple Crown' 3Y-GYR (Duncan)
'Val d'Incles' 3W-W (Duncan)
'Dream Light' 3W-GWR (G. Wilson)
'Crimson Chalice' 3W-GRR (Duncan)

New Zealand Award (5 standard cultivars bred in New Zealand)
Jack Hollister
'Surfer Girl' 3W-W (Brogden)
'Green Beret' 3W-Y (Brogden)
'Gold Shah' 2Y-Y (Brogden)
'Kiwi Sunset' 4Y-R (Hamilton)
'Kawhatau' 3Y-Y (Hamilton)

Murray Evans Trophy (5 standard cultivars bred in Australia)
Sally Heckscher
'Sobersides' 1Y-Y (Jackson)

Harry I. Tuggle, Jr. Trophy (3 stems each of 12 standard cultivars and/or species from at least three divisions)
Bill Pannill
'Lara' 2W-O
'Versailles' 2W-W
'Javelin' 2Y-R
'Rising Star' 7W-P
'Indian Maid' 7O-R
'Ashland' 2W-Y
'Chippewa' 3W-YYR
'Homestead' 2W-W
'Chorus Line' 8W-Y
'Accord' 2Y-WW
'Magna Vista' 6W-W

ADS Challenge Cup (12 different cultivars exhibited by the hybridizer)
Elise Havens
'Young American' 1YYW-WWY
'Emerald Empire' 2W-GWW
'Little America' 2W-W
'American Shores' 2Y-WYY
'American Classic' 2Y-WYY
'Winter Evening' 2W-P
'Verdict' 2W-Y
'Trophy' 2W-Y
'Chilito' 2Y-R

Bender Award (best bloom in hybridizer's section)
Elise Havens
'Emerald Empire' 2W-GWW

Goethe Link Award (3 different cultivars exhibited by the hybridizer)
Bob Spotts
SS-915-2, 2Y-O
SS-586-1, 2W-P
SS-471-1, 4Y-O

Northern Ireland Award (5 standard cultivars bred in Northern Ireland)
Dick & Sandra Frank
'Golden Topaz' 2Y-O (Ballydorn)
Duncan D825, 2Y-O
'Golden Sheen' 2Y-Y (Duncan)
'Bandesara' 3O-R (Duncan)
'Kilmood' 2Y-R (Ballydorn)

Returned

Australian Award (5 standard cultivars bred in Australia)
Sally Heckscher
'Sobersides' 1Y-Y (Jackson)
TWISTED STEMS

Daffodil stems are not perfectly round, but helical instead. Authors Shelley A. Etnier and Steven Vogel at Duke University published their research on daffodil stems in the *American Journal of Botany* 87(1): 29-32, 2000. They conclude that wind on a daffodil flower exerts torsional as well as flexural stress on the stem, causing the stems to respond by twisting. Thus flowers reorient to face downwind in moderate winds. In higher winds they also bend to reduce drag. Perhaps wind is the cause of those twisted stems we try to straighten out when exhibiting. The article, titled "Reorientation of Daffodil (Narcissus: Amaryllidaceae) Flowers in Wind: Drag Reduction and Torsional Flexibility," can be read at <www.amjbot.org/cgi/reprint/87/1/29.pdf>.

* AHS HONORS BRENT AND BECKY HEATH

Brent and Becky Heath were recipients in 2001 of the American Horticultural Society's Commercial Award (Individual). This award is given "to a person, who, because of his/her commitment to the highest standards of excellence in the field of commercial horticulture, thereby contributes to the betterment of gardening practices everywhere."

* SALLY KINGTON HONORED

The August issue of *The Garden* reports that the RHS Daffodil and Tulip Committee has awarded the Peter Barr Memorial Cup to Sally Kington, the International Daffodil Registrar for the RHS. The award is given "to someone who, in the committee’s opinion, has done good work of some kind in connection with daffodils." Brian Duncan, MBE, chairman of the committee, presented the award.

* BULB SCALE MITE

The July issue of *The Garden*, published by the RHS, reported that the accidental introduction of bulb scale mite (*Stenotarsonemus laticeps*) to the National Plant Collection of Hippeastrum required Veronica Read to destroy almost the entire collection.

* MEMORIAL CONTRIBUTIONS

Russell Bruno ................................................................. Joe Hamm
Leslie Anderson ............................................................. Mrs. Edward Entrikin

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CULTIVAR SPOTLIGHT:
‘GRACE NOTE’ 3W-GGY
Donna Dietsch, Columbus, OH

It’s the end of April. Here in Ohio the daffodil blooming season is winding down and the flowers are fading. Every possible cultivar in the garden has been pollinated and even some impossible crosses have been attempted. Flowers have been checked, counted, picked, and groomed for the shows. The final show has been judged. The final awards and ribbons have been noted. At such moments I think that I tend to make my garden more work than pleasure. But then, just when I think that I’m working more and enjoying it less, along comes one of my favorite daffodils—‘Grace Note’ 3W-GGY. What an absolute joy this sweetly-scented little bloom is! Slightly pointed, lightly recurved and folded lengthwise, the pure white petals show evidence of its poeticus ancestry. The tiny cup is deep forest green with a lemon peel yellow rim. This exquisite flower was given one of the most perfectly matched names in the world of daffodils. The definition of grace note is "an embellishment of additional notes, introduced into music, which are not essential to the melody or harmony but give additional charm." There could be no better name than this. There are other very late blooming daffodils, and I have several of them, but none is more eagerly anticipated or admired. It does embellish the song that is the early spring garden.

It’s not any single one of its merits that makes ‘Grace Note’ so precious to me. It’s the combination of all those merits. As I write this, I have a bloom in front of me on the table that inspires my writing and teaches me to take time to enjoy my daffodils. ‘Grace Note’ needs to give no reason for its existence; its beauty is more than enough.
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COMPOSTING AT MERRILL FARM
Howard J. Merrill, Waverly, NY

Merrill Farm is located near the Village of Waverly in the Southern Tier of New York State (Zone 5). The gardens are not a commercial operation. There are no sales. Plantings consist of more than seven hundred different daffodils, plus many trees and miscellaneous plants. The subsoil is heavy clay hardpan overlaid by a thin layer of topsoil. Optimal soil conditions for daffodils can be achieved only by building raised beds which incorporate generous amounts of quality compost and coarse sand. Soil fertility, structure, and texture are important considerations. The primary objective is to create conditions that stimulate the bulbs to fully express their genetic potential. Organic practices are preferred; however, some chemical fertilizer ingredients are added to compost piles.

Reinforced compost provides the core of the soil management and fertilization program. As this is written, there are piles of three-year-old completed compost ready for fall application in 2001 and 2002. It will be applied in one-inch layers on the surface of the raised beds.

A third compost pile of approximately one hundred tons will be ready for use in 2003, 2004, and 2005. Basic materials utilized for composting vary, depending upon cost and availability. Organic materials which have been utilized from time to time include: green hay, leaves, lawn clippings, sawdust, wood chips, mushroom compost, paper-pellet bedding from kennels, manure, cull eggs, dried whey, outdated wheat flour, peat moss, coarse sand, plus earthworms. Composting microbes are widely and lavishly dispersed in nature so that commercial activator inoculants are superfluous. A small amount of rich topsoil provides more than adequate inoculant. Piles should be kept damp, but not soggy.

Animal bedding pellets made from newspapers contain undesirable amounts of aluminum; therefore they should comprise no more than 25% of a compost pile. Because decomposition of wood chips and sawdust ties up nitrogen temporarily, they should always be composted before soil application.

Nutritional power of compost is enhanced by inclusion of concentrated fertilizer amendments. Commercial materials added include: urea, 10-20-20 fertilizer, potassium sulfate, triple phosphate, preservative-free fishmeal, and greensand from a marine deposit in New Jersey, which contains minute amounts of many trace elements.

Small quantities of additional minor fertilizing constituents are provided through dispersion of Twenty Mule Team Borax (boron) and sulfate forms of iron, copper, magnesium, zinc, and manganese. High cost of desirable chelates precludes their large-scale use.
Billions of tiny living aerobic and anaerobic microscopic organisms reside in soil and compost. Chemical and bacteriological reactions within a compost pile are fascinating and incredibly complex. The anaerobic method of composting requires much more time than aerobic operations. The anaerobic plan is used here because of the difficulty of frequently turning and mixing the large volumes involved. Microbial decomposition activities cause compost pile temperatures to rise as high as 160°F. The process is not completed until internal pile temperatures drop below 100°F.

The piles are loaf-shaped. When the composting process is complete, after three or more years, approximately six-inch vertical slices are cut by shovel and thoroughly mixed, using a Mantis Tiller, prior to being spread on the raised daffodil beds.

Limestone and gypsum are applied to the beds separately. These products are used to provide calcium and magnesium and maintain a soil pH of 6.0 to 7.0. Gypsum improves soil structure and drainage by causing clumping and breakup of clay subsoil.

The planting medium for daffodils should be low in nitrogen, medium in phosphorous, and high in potassium. A home-mixed bulb food is used when planting. Ingredients have varied over the years. A good simple combination to use in conjunction with a reinforced compost program consists of two parts bonemeal and one part each of potassium sulfate, greensand, and kelpmeal. A handful should be thoroughly mixed into the planting hole two inches below the bulb, not in direct contact, and a like amount on the surface above the bulb, the latter to distract the attention of animals from the buried bonemeal.

The composting program described is a relatively large, ongoing, time-consuming, essentially anaerobic activity. Urban home gardeners with smaller landscaping space can utilize special equipment to convert easily composted grass clippings, leaves, and kitchen refuse at an ac-
celerated pace by frequent mixing, which encourages rapid decomposition by aerobic organisms. It is possible to produce high quality compost in two weeks using this method.

Many veteran growers have not yet experienced the enjoyment that comes from handling a fresh batch of finished compost, and the exhilaration derived from the resulting superior plant performance. To those who have been motivated to try the methods outlined herein, allow the author to be the first to welcome them to the pleasantly addictive world of Brown Gold.

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By
Howard J. Merrill

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