

CODS CORNER

NEWSLETTER OF THE CENTRAL OHIO DAFFODIL SOCIETY

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Irene Moseley, President

Naomi Liggett, Editor

Dear CODS Members:

As I write this it is the Holiday Season and I'm sure all of you have been very busy. I wish all had a happy Holiday and will have a prosperous New Year.

Now that we have our gardening tools put away for awhile, we can rest and hope for good weather for growing daffodils. Just think how beautiful they will be in the Spring. Perhaps you have a few new cultivars you are waiting to see. I am anxious to see the spring flowers and feel warm days again.

A few things to remember:

- ADS Convention March 16 - 18, 1995 in Dallas, Texas Registration fee increases February 1 and again February 21. Hotel reservations are separate.
- Our next meeting is March 7, 1995 at Whetstone Library. The speaker will be Mr. Vickers or Sherry Capitini, Whetstone Park Volunteer Coordinator.
- CODS Show will be at Franklin Park Conservatory April 22 - 23, 1995. More information on this to come.

I would like to recognize Nancy Kolson for her many hours and work in planning the new beds at Whetstone Park. Not to remiss Cecile Spitz and Helen Meeker who spent endless hours every week at the park.

Those who missed the November Meeting, Mary Lou Gripshover had a discourse on the American Daffodil Society. She brought books that we could purchase. One that I bought was *Daffodils & Tulips 1994-1995*, the Royal Horticultural Society's yearbook. I enjoyed the information and articles and would recommend it especially for the novice grower.

Once again Happy New Year. I hope to see you at the March Meeting.

Irene



WHEISTONE GARDEN REPORT

Nancy Kolson, Chairman

What a year this was!

It was the biggest year of our four-year plan to renovate the garden, and ranged from the usual jobs of fertilizing, digging, weeding and planting, to the unusual, and big, job of consolidating five beds into three, as well as completely rejuvenating the miniature bed. Much, much work was done by the members of CODS and for that I want to thank them.

Our year began early in the spring when the beds were fertilized and it continued into June when we dug five beds, including the long Bed 16, which had many nice Down-Under cultivars in it. This took two work days of concentrated digging, but we did it! Then came the mundane summer task of weeding. As usual, there were "billions and billions" of small weeds, but the larger ones were kept pulled. This "cosmetic weeding" resulted in a neater looking garden.

During the months of August and September most of the consolidation took place. The entire area from Bed 3 to the hedge was eliminated by spraying with Roundup. The new Beds 4, 5, and 6 were laid out so that grass could be planted between them. Grass was also planted where Bed 16 used to be--now the park mowers should have enough room to turn around. Each bed was then plowed to break up the hard, walked-on soil, before five bags of gypsum were rototilled into each bed to help break down the packed soil. A truckload of quarry sand and a truckload of topsoil/mushroom compost mix were added. The pH was tested and granulated sulfur was added to counteract the alkalinity of the soil/sand mix. Then the beds were rototilled again, until finally, they were ready to be planted.

On Friday, October 7, a work day was held to rake the new beds, lay them out for planting and mark and dig planting holes. The hard workers present were: Tag and Hube Bourne, Nancy Kolson, Avalee McCoy, Helen Meeker and Cecile Spitz. A lot was accomplished that morning. Planting holes were dug in Beds 5 and 6 and super-phosphate was incorporated into the bottom of each hole. Bed 4 holes were dug at a later date by Nancy Kolson and planted by Helen Meeker and Cecile Spitz.

On Saturday, October 15, 17 people met to plant the new Beds 5 and 6, as well as many duplicates, small bulbs (5's, 6's and 7's) and Down-Unders. There were: Grace Baird, Bessie Haddad, Cindy Hyde, Nancy Kolson, Naomi Liggett, Lindsey and Dorie Magliocca, Heather McCoy, Helen Meeker, Ray Scholz, Rick, Jodie, Kaitlin, Sara and Will Scribner and Cecile Spitz. A record number of standard cultivars (456) was planted, plus many miniatures were placed in drifts in the new Miniature Bed.

It was a tremendous job and one of which we can all be proud. Let's hope we are prouder still when they bloom next spring!

Special thanks to Cecile Spitz and Ray Scholz who dug, amended the soil, and planted the cultivars 'Columbus' 2W-W and 'Ohio' 2W-OOR by the entrance to the garden.

Also special thanks to Helen Meeker, Irene Moseley, Don Piper and Cecile Spitz for completely renovating the Miniature Bed. They put in a lot of time just moving rocks and amending the soil, as well as drift-planting. I can hardly wait to see it--it should be beautiful!

WHEISTONE DAFFODIL DONATIONS 1994

Tag Bourne - 'Brierglass', 'Bright Spark', 'Chianti', 'Descanso', 'Dove Wings', 'Volare', Duncan #582, 'Irish Ministrel', 'Lemon Tree', 'Lynette Sholl', 'Melbury', 'Mondragon', 'Moon Valley', 'Northwest', 'Pink Demure', 'Phebe', 'Piper's End', Postle 1-35-76, 'Red Mantle', 'Rhine Wine', 'Silver Snow', 'Winter Waltz'

Jeannie Driver - 'Indian Maid'

Handy Hatfield - 'Arish Mell', 'Ashmore', 'Cazique', 'Auspicious', 'Berceuse', 'Broomhill', 'Carib', 'Cedar Hills', 'Charleston', 'Constancy', 'Country Morning', 'Cowboy', 'Craig Steil', 'Creag Dubh', 'Crystal Blanc', 'Culmination', 'Daiquiri', 'David Bell', 'Decoy', 'Gay Kybo', 'Delia', 'Elegant Lady', 'Elizabeth Ann', 'Elwing', 'Esperanza', 'Fire Alarm', 'Fragrant Rose', 'Glen Clova', 'Gold Convention', 'Golden Joy', 'Ice Wings', 'Gracious Lady', 'Graffiti', 'Heslington', 'Hoopoe', 'Howard's Way', 'Immaculate', 'Indain Maid', 'Inverpolly', 'Limbo', 'Makapu', 'Mentor', 'Miss Prim', 'Motmot', 'New Day', 'Ocean Breeze', 'Petrel', 'Proska', 'Pure Joy', 'Quasar', 'Rapture', 'Red Cameo', 'Red Ember', 'Red Flame', 'Red Mission', 'Red Rum', 'Rio Gusto', 'River Queen', 'Sciopo', 'Shining Light', 'Shuttlecock', 'Silent Valley', 'Smokey Bear', 'Solar Tan', 'Sportsman', 'Stanway', 'State Express', 'Stylish', 'Torchfire',

'Tracey', 'Twicer', 'Ulster Bank', 'Vernal Prince',
'Vers Libre', 'Warbler', 'Winter Waltz', 'Yum-Yum'

Cindy Hyde - 'Bebop', 'Stafford'

Nancy Kolson - 'Altruist', 'Bunting', 'Canary', 'Cha-
Cha', 'Chaffinch', 'Chit Chat', 'Circuit', 'Comal',
'Drumnabreeze', 'Fairy Island', 'Flight', 'Far Country',
'Foundling', 'Golden Dawn', 'Green Ice', 'Hesla',
'Icelandic Pink', 'Javelin', 'Jingle Bells', 'Kimmeridge',
'Kitty', 'Lancaster', 'Lavender Lass', 'Lemon Tarts',
'Lisbane', 'Loch Stac', 'Melbury', 'Misty Meadow',
'Mite', Mitsch LL8/3, 'Modulux', 'Molten Lava',
'Northern Sceptre', 'Oryx', 'Picasso', 'Pink Easter',
'Pink Valentine', 'Pixie's Sister', 'Pure Joy', 'Ramada',
'Red Gem', 'Rockall', 'Shearwater', 'Royal Wedding',
'Starthroat', 'Stylish', 'Ulster Prince', 'Williamsburg',
'Valinor', 'Wellworth', 'Whirlaway'

Naomi Liggett - 'Accord', 'Array', 'Avalanche', 'Bee
Mabley', 'Ben Vorlich', 'Bethany', 'Bittern', 'Daviot',
'Casterbridge', 'Century', 'Flying High', 'Glenwherry',
'Gunsynd', 'Jingle Bells', 'Junne Johnsrud', 'Lemon
Tarts', 'Merridee', 'Midget', 'Moon Valley', 'Pakatoa',
'Proxy', 'Quantasia', 'Red Alert', 'Step Forward',
'Sunny Delight', 'Thisbe', 'Tiritomba', 'Wheatear', 'White
Ermine', 'Trena'

Cecile Spitz - 'Bobbysoxer', *bulbocodium*, 'Clare',
'Kennellis', 'Tete-a-Tete', 'Tosca', *Triandrus albus*

SUNSHINE

Cecile Spitz, Sunshine Chairman

In October Tag and Hube Bourne were involved in an automobile accident on their way home from Ruth Pardues. Tag was hospitalized overnight. She was black and blue and very sore from the seat belt and had a sore knee.

Jim Kelley was released from the hospital after a check-up disclosed an ulcer. This is being treated with medication.

Nancy Kolson broke her collar bone and turned her ankle October 10. Irene Moseley and Helen Meeker became her chauffeurs for hospital and bulb transportation. Her double collar harness was removed November 11 and she finally finished her daffodil planting December 1. However, she still wears two different size shoes and moves cautiously.

Helen Meeker has not fully recovered since she passed out helping me redo the miniature bed. She has a thyroid problem.

Avalene McCoy's husband, Terry, had a heart attack recently and had angioplasty performed. He was in the hospital for three days.

I hurt my back in September while trying to remove a water logged rug from my bathroom. It will take three months to a year to improve. I finished by plantings on November 18th by "scooting" on my beds.

I hope 1995 will be a better year for all of us. After all we have a garden to maintain.

NEW MEMBERS

Cecile Spitz, Membership Chairman

Dr. Leone Low
387 North Enon Road
Yellow Springs, OH 45387 513-767-2411

Rick & Jody Scribner
William, Sara, Kait Lynn
1767 Linden Place
Columbus, OH 43211 268-8652

Helen Trueblood
3035 Bloomington Trail Road
Scottsburg, IN 47170-9529 812-752-2998

Welcome to all the new members. We become better acquainted with all members by participating in all of CODS' activities such as shows and after show dinners in April. The upkeep of our Whetstone plantings begins in early April when the labels are placed and weeding begins. Call a member, let them know when you are going to weed and would like company. Let us help the young members stage their flowers properly for our show. If we work together and help each other, not only at digging and planting time, we can keep CODS' membership strong. Let us help the young members win a Quinn. How many of us have helped a new member select the proper bulbs to purchase for collections? How many of us have looked over their staging and offered help? Let us help our new and younger members and perhaps they will remain members and exhibitors.

Think about helping new members.

A TASTE OF SPRING

Betty Keahiler, 1995 Show Chairman

The 1995 Central Ohio Daffodil Show will be held at the Franklin Park Conservatory, 1777 East Broad Street on April 22 and 23. Franklin Park was the home of the 1992 AmeriFlora.

The conservatory is most happy to have us, as they feel we will be strong addition to their horticultural calendar. They will also be working hard to make our show a great success.

They will be providing us with lots of table space on the lower level. Since this is a regional show, we are looking forward to having the tables filled.

Perhaps the biggest thrill of having our show at the conservatory is that the daffodil show will be during the second weekend of the conservatory's butterfly exhibit. Last year they had over 50,000 visitors for their four week show. Plus, they will have many exhibitors for Earth Day that occurs the same weekend. So, it should be a very busy time. We are certain that many of the visitors will want to take advantage of their time by stopping to see our show also.

As usual our set-up will be Friday afternoon and tear-down will be Sunday after 4 p.m. Remember that many hands make light work.

Elsie Hack will be coordinating our lunch and Donna Dietsch will be arranging the after show dinner.

Plan to attend and enter your favorite flowers to share with others at Taste of Spring.

Carol Barnes

It saddens me to inform CODS' members of the death of Carol. She died on November 18th of cancer. We first became acquainted with her when Don was asked to be the featured speaker at our last ADS Convention. She was a school teacher, raiser of British Short-hair cats and a prominent cat judge. Carol was not interested in daffodils but found much in Columbus of interest: shopping, the museum, the zoo and AmeriFlora attractions. We again had the pleasure of Don and Carol's company in Portland last March. She will be greatly missed.

HOT WATER TREATING DAFFODILS

Naomi Liggett

If you grow daffodils long enough you may encounter nematodes. I hope that you don't as it can be a costly experience. Nematodes are microscopic sized round worms (the English refer to them as an eelworm) with two types affecting daffodils--Bulb and Stem and Root Lesion Nematode. Root Lesion Nematodes attack the roots of the bulb but do not invade it. As a result of the damage to the roots, the foliage is retarded and bulb size reduced. On a hot day the foliage may wilt. With this pest it is usually safe to replant the bulbs without a chance of infecting clean soil.

Bulb and Stem Nematodes are the most devastating and move through the soil infecting healthy bulbs. They attack young foliage and eventually establish localized swellings called spickels or spikkels. Leaves may become twisted and distorted, the scapes often shortened and flowering may be delayed. As the infected plant's foliage dies down the nematodes spread to the bulbs via the neck.

The only way to rid your collection of Bulb and Stem Nematodes is to Hot Water Treat the infected bulbs and replant in clean soil. If you must replant them in the infected areas the soil must be fumigated first.

My problems first started in 1985. That summer the affected beds were dug and then fumigated with Methyl Bromide. Unfortunately one cannot purchase it in Ohio without a pesticide license. It is not difficult to do, the hardest part is preparing the soil. That fall both beds were treated after driving to Louisville, KY to purchase the fumigate. There it is used in tobacco seedling beds.

My big mistake was that I did not treat the affected bulbs. So the problem continued and in 1991 I wrote Bob Spotts to find out how he had hot water treated his bulbs. This was his reply:

My Hot Water Treatment system is made of:

- GOTT 48 qt double-walled picnic cold chest
- Fluval #1 under-water aquarium circulating pump and filter
- EBO-JAGER 75-watt automatic aquarium heater (submersible with thermostat)
- Water thermometer, readable at surface, accurate within one-half degree F (I used my soil thermometer)

The cold chest comes in larger sizes, as does the pump and heater. You can make a larger system. Mine handles about 100 bulbs per cooking. I followed cooking instructions in an English publication Clive Postles sent me. It called for 112° F for 3½ hours for eelworm eradication. I interpreted this as meaning the bulb should attain 112° F. for that time, so I heated standard bulbs for four hours reasoning that it took one-half hour to get that hot. I filled the box with water from the tap, adjusting to get close to 112° F. Then I turned on the heater and let it heat the last degree or two. When I put the bulbs in, the temperature would generally drop a couple of degrees. So the first one-half hour served to get everything stable. The plastic box allowed me to close the lid on the electrical cords and form an efficient system. The heater thermostat was easy to adjust--trial and error got it centered around 112° F. (one-half degree range is what is has). It worked beautifully. Two years now, and I don't see any eelworm symptoms. I do plan on cooking some bulbs I got since. Elise Havens routinely cooks all bulbs dug at 108° F for one hour. She's not combating eelworm, though.

You will get disfigured blooms next year--in nearly all plants. That doesn't happen at the lower temperature that Elise uses. The instructions also suggested that you not treat bulbs upon digging. My memory is that it suggested a month or six weeks dormancy first. I cannot find those instructions! But, that's what I did. The publication also suggest Formalin in the water (¼% solution). I nixed this--I didn't know where I would dispose of the contaminated water.

In August 1991 Jim decided he would try to HWT my bulbs for me. He was unable to find a Gott Chest, therefore he purchased a 54 quart Igloo Ice Chest with hinged lid. An EBO-JAGER aquarium heater was then bought and it was found that it would not heat the water to 112° F. So, that item was returned and the search was on for a heater that was not too costly. None was found. A cooking thermometer which was accurate to + or - two degrees was used instead of the water type. Here is how Jim finally cooked the bulbs. Before starting Jim placed the bagged bulbs in a laundry sink in my plant room in water not over 112° F. Then the chest was filled partially with water from the tap that was 112° F. The soaking bulbs were then placed in the chest, temperature rechecked and adjusted if necessary and the lid closed. It was checked at 15 to 30 minutes intervals and water added if required. This was only necessary about once each time. This system may not be as accurate

as Bob's but is very simple and not too expensive and so far the bulbs appear to be healthy. The first year there was some distortion of the plants, but the second year many superior exhibition blooms were produced. Of course, the mushroom compost added to the bed probably had something to do with this.

In conclusion, I wonder if those of us with large and valuable collections of daffodils should not consider hot water treatment periodically.

DAFFODIL SWEATSHIRTS

Cindy Hyde, Phyllis Hess, Ways & Means

Daffodil sweatshirts are now available for purchase! The sweatshirts are heather (very light grey) color with a detailed pocket print of five daffodils--just right for keeping warm on cold winter nights and days.

The price is \$30.00 and sizes are medium, large, X-large and XX-large. If you need your sweatshirt mailed within the US, please include an additional \$5.00. Make your check payable to Central Ohio Daffodil Society c/o Cindy Hyde, 8870 State Route 22E, Stoutsville, Ohio 43154. Questions? Call 614-474-7488.

DAFFODILS IN DECEMBER

Naomi Liggett

Daffodils are more appreciated when they bloom in the winter since very few do. Of course, one can always have paperwhites if they are started at the proper time. But it is thrilling to have a Tasmanian hybrid blooming especially for the first time. Four bulbs of 'Glenbrook Ta-Julia' 12W-W (a grex from 'Tarlatan' x 'romieuxii Julie Jane') were potted in late December last year. They came up this spring but did not bloom. The foliage never died down and the pot was placed in a north window of the garage in November. The first scape that bloomed the cup was not properly formed having one side indented. The second one opened the day before Christmas and was just as the catalog described it, lemon-cream with margins rolled somewhat like 'Julia Jane's' petunoid style. Even though this is a winter or early spring blooming daffodil it should be added to the ADS Approved List of Miniature Daffodils.