

The Daffodil Bulletin



Spring Issue

May, 1963

NEW ENGLAND HOST TO 8TH ANNUAL CONVENTION

By WILLIAM PANNILL

Surely the originator of the statement, "If you have seen one, you have seen them all", had never attended a daffodil convention.

You were sent a resume with your convention invitation by our able and most charming chairman, Mary Nelson. Every event of this complete program was carried out with expediency and dispatch that only "Yankee" committeemen such as George Lee and John Larus can promulgate.

As I entered the lobby of the Stratford Inn, Mary Nelson and Helen Link were staging a daffodil display. At first glance it appeared these daffodils had not quite been rescued from a plane crash, but later I learned they were the new "collar" daffodils in division 11 and are supposed to look this way. I think it only fair to mention here that this group of daffodils was admired particularly by the plumbers and pipe fitters attending a union meeting in this room the next evening.

On another wall, ingeniously displayed in test tubes on peg board, was a collection of some of the old and many of the new varieties raised by the late Guy L. Wilson. On still another wall, shown in the same manner, were a collection of miniatures (representing the miniature list later to be approved by the membership) and a group of intermediate daffodils (representing many varieties often shown as miniatures that were considered but not approved for the miniature list).

Connecticut Show Visited

The Eighth Annual Connecticut Daffodil Show was a two-day affair and we

gave it the "acid test" by attending the second day. Wells Knierim's many excellent entries were the highlights of the show. Towhee, an excellent bi-color originated and shown by Helen Link, was judged Best Bloom in Show. I am sure this gave much encouragement to many new and would be hybridizers. With the emphasis on miniatures this year, George Lee persuaded the Greenwich Garden Club ladies to give a special silver bowl for miniature daffodil sweepstakes. This beautiful bowl was won by George Lee.

One of the most successful panel groups was conducted by Larry Mains, our photography chairman, and Art Trimble. The morning before the garden tour they loaned, free of charge, about 20 cameras complete with film and flash bulbs, to members desiring to try them. This camera model, the Kodak Startech, was created for close-up work and was proven at the convention to be ideal for daffodil photography. The film taken that day was developed immediately and shown the next morning in the panel meeting before being distributed. Those with no knowledge of photography had excellent results with this new camera.

Award Well Deserved

Though I don't want to go into the business meeting, I must report a much deserved award. Helen Link was presented the American Daffodil Society Silver Medal for service to the ADS, and was given a standing ovation by the membership as she received this award. Dr. Abilio Fernandes was given the Gold

Medal for his classification and study of the narcissus species.

No matter how appealing the program, the reason most of us travel half way across the country to a convention is the people we want to see and talk with. This Connecticut convention was no exception, and the 93-mile tour bus trip on the second day was a natural for renewing old acquaintances and meeting new enthusiasts, as were the informal breakfasts each morning in the Mermaid Tavern.

Now in the Mermaid Tavern "the mood is old England", and all the waiters and waitresses were dressed like Romeo and Juliet. Even much more impressive than their dress was the way they ignored us, so we could feel at home by setting our own tables, pouring our own coffee, etc. This added to the fun and afforded some of our members such as Wells Knierim and Roxy Moore of Hampton, Va., the opportunity to display their talents as bus boys.

Miss Lawrence Main Speaker

People make a convention. For the sake of emphasis and praise richly deserved, I saved for last Miss Elizabeth Lawrence, our main speaker. As she spoke, her fragility and softness of delivery made me feel she was conversing in my living room rather than speaking from a podium. Her generous gift of a plant (*Helleborus Orientalis*) to each person present was appreciated and cherished primarily because it came from her. Her personality and gentleness would make me protect, plant and nourish this gift even had it been a day lily.

The convention throughout was conducted with a minimum of extraneous distractions and sidelines, and in my mind furthered our quest for the ultimate best in daffodil horticulture. Who could ask for more?

HAVE you read *Silent Spring* by Rachel Carson? The widespread use of pesticides has induced one member to net daffodil flies instead of spraying them.

FROM THE PRESIDENT'S DESK

My business travels took me to the Pacific Coast during the first part of April and on week ends I was able to follow my avocational interests. First on my list of calls was the beautiful La Habra, Calif., home of Bill Roesé and the charming Mrs. Roesé. Their hill-top home commands a sweeping view of a valley many feet below. Such a view might almost distract one's interest from the daffodils which they grow very well, as their show successes have shown. Just before leaving their home I was introduced to Elvis, a chubby black-and-white striped kitty, completely deodorized and with a big appetite for eggs.

* * *

Some days later my Portland, Ore., visit followed by a day a meeting of ADS members under the guidance of Mrs. Henry J. Eames, Jr., our enthusiastic vice president of the Far West Region. Following my business calls George E. Morrill of Oregon City, and Mrs. Carl Engdahl, former vice president of the region, met me and Mr. Morrill drove us out to Canby to see Mr. and Mrs. Grant Mitsch of Daffodil Haven. It was a delight to see their many beauties, as the originator himself grows them, and it was a sight not to be forgotten. Even though the day was fast drawing to an end, we then drove a few miles to

THE DAFFODIL BULLETIN Published Quarterly by AMERICAN DAFFODIL SOCIETY, INC.

Mrs. Howard B. Bloomer, Jr., Editor
Shore Acres, Route 2, Box 35
Lorton, Virginia

Mrs. John C. Wister
Chairman of Publications
735 Harvard Avenue
Swarthmore, Pennsylvania

Willis H. Wheeler, President
3171 North Quincy Street
Arlington, Virginia

Mrs. Grover F. Roennfeldt, Treasurer
7426 Lynn Avenue
University City, St. Louis 30, Mo.

the west to see Mr. Matthew Folds, the originator of Pixie, that delightful and prolific jonquil hybrid recently introduced by Grant Mitsch. It was just coming into flower in the garden of its originator, a kindly and enthusiastic breeder of miniatures who showed us the many things of interest in his planting.

* * *

The following day was the Tacoma, Wash., stop, to see the floral parade, the climax of the week-long Puyallup Valley Daffodil Festival, that had its small beginning back in 1926. The daffodil-covered floats and the marching units of today make the parade one of the outstanding floral celebrations of the United States. That same afternoon Mrs. Eames called together the ADS people of the region so we could meet each other and talk over plans to increase daffodil interest in Washington State, where daffodils can be so beautifully grown. The Roesé's enjoyed the distinction of having travelled the greatest distance to be there.

* * *

During the Festival the committee very kindly provided me with bulb growers to make sure I was well cared for and saw everything to the best advantage. In the morning Francis A. Chervenka, one of the best known bulb growers of the Puyallup Valley, was with me. It was a pleasure to have his company, since I had known his father in the early 1930's when I lived in Seattle. In the afternoon, following the meeting of ADS members, Miles Hatch, an ADS member and well known bulb grower of Alderton, took me to the flower show at Puyallup, where we gave the daffodils a thorough going-over.

* * *

And now the conclusion, as I fly eastward at an altitude of 37,000 feet. We need a lot more ADS members in the Pacific Northwest, to go with the many beautiful daffodils that can be raised out there!

WILLIS H. WHEELER

PRIZE MONEY GIVEN FOR A NEW DOUBLE WHITE

Mr. and Mrs. Joseph H. Thompson of Willoughby, Ohio, have given the American Daffodil Society \$600 to be used to promote the breeding of a double white daffodil, resembling *Narcissus poeticul* L. var. *flore pleno* Hort., the double form of the Poet's Daffodil commonly known as *Albus Plenus Odoratus*. However, the new daffodil must have a better blooming habit.

The money has been invested and the income is to be used to offer, at three-year intervals, a prize of approximately \$50 for the most outstanding double white, or mostly white, double daffodil offered in the competition.

\$600 To Go As Prize

If, after a period of 15 years or less, the officers and judges of the American Daffodil Society decide one of the new varieties offered in competition has met the specified conditions, the \$600 shall be given as a prize to the raiser of the variety.

On the other hand, if at the end of the 15 years no new variety has, in the judgment of the Society, qualified for the award, the \$600 shall become the property of ADS to be used as its officers shall direct to encourage, by offering prizes, the development of varieties of daffodils which, in their judgment, are most needed.

Final Provision

If, after the passage of 15 years, the ADS is no longer active, the \$600 shall be turned over to another horticultural society, institution, or organization willing to assume the responsibility of encouraging daffodil breeding.

We trust the Society's members will take note and plan their bulb purchases accordingly. *Falaise* seems to be a good double to work with. It is fragrant and flowers well.

MOVED? Send your new address to Mrs. Grover Roennfeldt.

DAFFODIL SHOW REPORTS FOR 1963

Reports of the winners and outstanding features of daffodil shows held throughout the United States in the 1963 season are presented herewith for BULLETIN readers:

Harford County, Md.

The Harford County Daffodil Show in Emmorton, Md., April 19 was a small one this year due to the weather, but some fine blooms were shown. Mrs. Lawrence Harris of Bel Air won the Award of Merit of the Federated Garden Clubs of Maryland and the Gold Ribbon of the American Daffodil Society. The Gardener's Award and the Sweepstakes in the horticultural section were won by Mrs. Montgomery M. Green of Havre de Grace.

In the artistic section Mrs. John Robbins, Jr. of Fallston was awarded the ribbon for Best in Show, and Mrs. Harry E. Mitchell of Havre de Grace won the Sweepstakes.

Washington, D. C.

The 14th National Capital Daffodil Show of the Washington Daffodil Society was held April 20 and 21 in the Woodward & Lothrop store at Falls Church, Va. The 872 entries in the horticultural classes represented an increase of 30 over last year. It was a beautiful show and the dates were exactly right for maximum bloom in the D. C. area.

Franklin D. Seney of Newport News, Va., won the Gold Ribbon of the ADS with a beautifully grown Chinese White. Mrs. John Bozievich of Bethesda, Md., won the King Trophy for American-bred daffodils with a collection of Festivity, General MacArthur, Snow Gem, Luna Moth and Coloratura, and also the Quinn Trophy for daffodils introduced since 1951.

The Powell Trophy for the best seedling was won again this year by Mrs. George D. Watrous, Jr., for another of her small hybridizations, Seville x *watieri* No. 9. The Watrous Trophy for miniature daffodils went to a collection of Kenellis, Lady Bee, Frosty Morn, Pencrebar and *N. jonquilla minor*, shown

by Mrs. James F. Birchfield of Ashburn, Va. Richard Marshall of Alexandria was winner of the Weiss Trophy for white daffodils, and Mrs. Howard B. Bloomer, Jr., of Lorton, Va., was winner of the Woodward & Lothrop Trophy for pink daffodils. Mrs. Bloomer also won the ADS Purple Ribbon for the best collection of five varieties in one division, and the ADS Silver Ribbon for the greatest number of blue ribbons in the horticultural section. One of these blue ribbons signified the Carey E. Quinn silver medal, won by Mrs. Bloomer for the best collection of 24 varieties.

Top arrangement honors, the Bozievich and Cahill Trophies, went to Mrs. Elmo Battle and Mrs. Joe E. Robinson. Mrs. Robinson is a third time winner in this class.

Central Region at St. Louis

The Central Regional Daffodil Show in St. Louis April 13 and 14 had 843 horticultural entries this year. It is an interesting coincidence that the horticultural entries in this show increased this year by 30—exactly the same number as the Washington Show reported.

George Pettus exhibited the best flower in show, Empress of Ireland, which won the ADS Gold Ribbon and the Bolt Trophy. The ADS Silver Ribbon, Purple Ribbon, Maroon Ribbon, Lavender Ribbon and Red, White and Blue Ribbon, and the Roennfeldt Trophy, were also won by Mr. Pettus.

Mrs. Grover Roennfeldt won the Carey E. Quinn Award silver medal for the best collection of 24 varieties, and the Libby Benson Bowl for the best bicolor with My Love.

The ADS Rose Ribbon for the best seedling was awarded to Venice Brink of Nashville, Ill., and Mrs. Clyde Cox of Eldorado, Ill., won the M.T.P. silver vase for a collection of five varieties from five divisions 4-11. The M.V.N.C. Trophy went to Mrs. Ralph Henry of Siloam Springs, Ark.

The arrangement section was sponsored by the Antonia Garden Club.

There were 56 entries with the Bartow Lammert Trophy going to Mrs. R. H. King. The Tri-Color and Sweepstakes in this section were won by Miss Ellen Lissant.

Mrs. Roennfeldt had a stellar collection in her winning Quinn group. It included My Love, Gold Crown, Passionale, Aircastle, Ardour, Ormeau, Slieveboy, Enniskillen, Mahmoud, Preamble, Halolight, Wedding Bell, Tain, Ballygarvey, Cocktail, Matlock, Daydream, Sugarbush, Glengormley, Lemnos, Cherie, Rose-down, Swanley Peerless and Ludlow.

Tidewater, Va.

The second Tidewater Virginia Daffodil Show, sponsored by the Tidewater Daffodil Society and the Newicton Garden Club, was held March 30 and 31 in Newport News.

There were 1134 horticultural specimens in 515 entries and 12 classes in the artistic division with 58 entries.

The ADS Gold Ribbon and the Mrs. Theodore Pratt Trophy were won by William Pannill of Martinsville, Va., for his well grown and groomed specimen of Empress of Ireland. He also won the ADS Silver, Purple and Lavender Ribbons, and the Red, White and Blue Ribbon, and was awarded the Mrs. Chandler Bates Trophy for the best collection of 12 varieties.

Mr. and Mrs. Richard N. Darden, Jr., showed a beautiful collection of reverse bi-colors which won the ADS Maroon Ribbon. Mrs. A. Gordon Brooks won the Col. W. V. Redding Trophy, and for the best three of a kind she took the Mrs. W. Fairlie Dabney Trophy.

Chesterfield, S. C., was represented by Charles Meehan's seedling entry which won the Rose Ribbon. Philadelphia was represented by Larry Mains, who did some photography of the show. This indicates the widespread representation of ADS members.

The arrangements, with their bright and varied backgrounds made a pleasant contrast to the daffodils and the show's staff was pleased and happy with a very successful exhibit.

West Virginia

The Huntington, W. Va., Council of Garden Clubs held its 22nd Annual Narcissus Show April 6 and 7 at the Huntington Galleries.

Since West Virginia is celebrating its 100th birthday as a state, the theme for this year was "This Is Our West Virginia". In carrying out the theme the 62 classes in design emphasized various aspects of the state's attractions, such as Our Centers of Learning, Where the Rivers Meet, Vacation Lure, King Coal, Hearthside Hospitality, the West Virginia Sportsman, and Pioneer Breakfast.

The Junior Division, a complete show in itself, presented interpretations of Springtime in West Virginia, Our Feathered Friends and Woodland Paths.

Held as an American Daffodil Society Approved Show, the horticulture section had 306 entries, including 161 varieties, and 149 ribbons were awarded. Three ADS awards were given, plus the Mr. and Mrs. George H. Gunnoe Silver Bowl for best collection. A special award for the educational exhibit "Hybridizing Daffodils", also was given.

The show attracted thousands of visitors from throughout the state, and from as far away as Texas, Michigan, California, Florida and New York. Last year the Huntington Show won the National Council of Garden Clubs Rose Rosette with its theme "In Harmony with the Arts."

The Huntington Council is comprised of 23 garden clubs and some 500 members work to produce the annual shows.

5th Show at Springfield, Pa.

Garden Club of Springfield, Pa., presented its fifth accredited Spring Bulb Show, April 20 in the Township Building, with classes for single specimens and vases of three of a variety in all divisions of the daffodil classifications, and five collection classes. Despite an extremely unfavorable spring, with very little rain, high winds and soaring temperatures, only two divisions lacked entries, 3d and 11. One collection class

calling for five varieties from Divisions 8 and 9 had no entries, but the other classes were very well represented.

Fifteen exhibitors made 154 entries in 49 classes. Dr. William Bender, ADS member from Chambersburg, Pa., took the Gold Ribbon for Best in Show for a beautiful Binkie, and Silver Ribbon for 17 blue ribbons in horticulture, and the Garden Club Federation of Pennsylvania Award of Merit.

Mrs. J. Cameron Bleloch of Philadelphia, an ADS member, took the White Ribbon for her vase of three Xit. The Green Ribbon was not awarded.

Mrs. Norman Walter, a Springfield Club member, took the Red, White and Blue Ribbon for the best American-bred collection with Yellow Warbler, Estrelita, Zest, Fairy Dream, and Lebanon.

The Daffodil Trophy donated by Mrs. H. Rowland Timms, awarded to the club member winning the most blue ribbons in the horticulture section of daffodil classes, was won for the second year by Mrs. Norman Walter with 14 blues. Mrs. C. Uhler Bauman was runner-up with five.

Mrs. E. Marshall Harvey, III, of Media, Pa., was chairman of the show.

Asheville, N. C.

The coldest winter of the century was not peculiar to Western North Carolina, nor was it as hard on daffodils as dry summers and freakish springs. Better blooms developed than had been expected, despite several days of 85 degree heat just previous to and including the day of the show.

This Fifth Annual Show was held on April 3 and 4 at the Battery Park Hotel in downtown Asheville. The French Broad River Garden Club was ably assisted by four other Asheville Garden Clubs and all worked in the spirit of a dress rehearsal for the 1964 ADS Convention. There were 83 exhibitors, 510 horticultural entries comprising 900 blooms, and 40 arrangement entries in seven classes. Mrs. John C. Cheesborough won the White and Gold ADS Ribbons with Beryl. Mrs. Ferdinand

Bartelme won the Green Ribbon. Wells Knierim won the Lavender with five tiny miniatures that had flown with him from Cleveland. Dan Thompson of Clemson, S. C., won the Rose and Silver Ribbons. Among the blue ribbon blooms were Slieveboy, Trousseau, Effective, Beersheba, Nampa, Makassar, Ceylon, Leonaine, Pink Fancy, Ave, White Lion, Trevithian, Minuet, Baby Doll and Hawera. Through the herculean efforts of Mr. Knierim and son, the Asheville Show is now the proud owner of handsome black wooden holders for test tubes, which worked wonders for the appearance of the show.

29th Virginia Show

The 29th Annual Daffodil Show of the Garden Club of Virginia was held at the Country Club of Fairfax, Fairfax, Va., on April 9 and 10, sponsored by the Garden Club of Fairfax.

William Pannill of Martinsville, an honorary member of the Garden Club of Virginia, won the Garden Club Cup for the horticultural sweepstakes. Mrs. Robert W. Wheat of Lorton, Va., a member of Hunting Creek Garden Club, was runner-up for the sweepstakes. The Flower Show's Chairman Cup for the best arrangement went to the Gabriella Club of Danville. Dr. Walter Andress of Bethel, Del., was awarded the Member Clubs' Cup for the best bloom in the show with with his Cantatrice.

The Inter-Club Collection Class, open to the daffodil chairmen of the member clubs, presented the judges with a very real challenge. There were 14 entries in this class, each of which had 12 varieties. All 14 entries were of good quality and the final decision gave the award to the Martinsville Garden Club and Mrs. Samuel S. Walker, its chairman.

Among the special exhibits was a group of novel and outstanding blooms from the Daffodil Test Collection, grown by Mrs. Paul Curran in Fairfax. Mrs. Curran is Daffodil Test Chairman for the Garden Club of Virginia.

Mrs. Ralph Sampson was chairman of the show. Her co-chairman was Mrs. Henry Ludwig.

Massachusetts Society

The Massachusetts Horticultural Society Daffodil Show held in Boston May 6 and 7 made a very lovely picture. Unlike other shows, the emphasis was on commercial displays.

In spite of the rain and the wind in the week preceding the show there were some fine amateur blooms. This section was dominated by ADS members. Mrs. W. Irving Fraim of Waltham, Dr. Helen C. Scorgie of Harvard, and the Rev. Mr. Jones B. Shannon of Westport Point won the majority of blue ribbons. Mrs. Fraim exhibited an excellent collection of Garron and Dr. Scorgie had some beautiful Vigil. Mr. Shannon won one of his blue ribbons on three magnificent Portrush.

It was interesting to note how much more intense the cup color was in the flowers in this section of the country as compared to the mid-Atlantic and southern sections.

Show at Conway, Ark.

The Conway (Ark.) Garden Club presented "The Eleven Faces of the Daffodil" March 22 at the home of Mrs. M. M. Satterfield. Mrs. H. L. McAlister won sweepstakes for the greatest number of blue ribbons in the horticulture. Mrs. McAlister also won the Gold Ribbon for the best daffodil in the show with Cantatrice.

In the artistic division Mrs. S. T. Smith won the Tri-Color award for the best arrangement. Other blue ribbon winners were: Mrs. Edwin Speaker, Mrs. James Major, Mrs. T. S. Staples, Mrs. George Shaw, Mrs. W. C. Thompson, Mrs. F. W. Harris, Mrs. Edwin Dunaway, Mrs. D. O. Harton, Jr., Mrs. Virginia Robins and Mrs. William Little.

The educational exhibit by Mrs. Warren Oliver was awarded a Green Ribbon. It was designed and created to show the wood from native trees of Arkansas.

Mr. Sam E. Adkisson was show chairman and Mrs. M. J. Neaves is the club president. The regional vice-president, Mrs. Dwight Iseley, was a special guest.

GROWING FALL DAFFODILS

Jefferson-Brown says that success with the autumn-blooming daffodils is very sweet to the cultivator. I have found this to be true, and give this account of my experience with two species, describing their culture so that others also may enjoy these wee beauties.

In October 1961 I planted seven bulbs of *N. serotinus* in a pot of soil to which I had added considerable vermiculite. The bulbs had already sprouted and the buds were blasted. The stems, or leaves, were kept green as long as possible. After they had died down, watering was decreased. During the summer the pot was left in an enclosed porch with no watering at all. In the fall when shoots began to appear watering was resumed. Five of the bulbs bloomed. It was interesting to watch the flat perianth grow and twist gracefully.

The other species were *N. cantabricus*, ssp *cantabricus* var *foliosus*. These were planted at the same time as the above, but outside in a protected spot with an eastern exposure in dry gravelly soil. There were no flowers the first autumn, but the healthy leaves nestled in an oak leaf mulch. I had almost forgotten them when on October 18, 1962, I noted them in bloom. The weather conditions must have been exactly right, for one blossom lasted until December 9. It was as if they had been preserved in a refrigerator.

HAROLD S. KING,
Darlington, Md.

Editor's note: Charles Meehan of Chesterfield, S. C., had a pot of N. serotinus in bloom on September 17 last year. It would seem that the daffodil lovers have really extended their season.

JUDGES CAN'T SHOW!

The Executive Committee of the Board of Directors has ruled that no person may enter an exhibit in any horticulture class in a show in which they are judging.

NANCY TIMMS,
Chairman, Judges Committee

MRS. GOETHE LINK

Nominee for the ADS Silver Medal

Mrs. Goethe Link of Martinsville, Ind., is a charter member of the American Daffodil Society, Inc., and has attended all board meetings and conventions. She organized the Indiana Daffodil Society and served as its president for two years.

Mrs. Link acted as chairman of the ADS daffodil judging school for four years, setting up rules for holding the schools and outlines for instructors and school chairmen. Judges and Awards were also under her chairmanship for approximately two years and during that time rules for awards to flower shows were formulated. The same was true for the ADS Gold Medal.

Mrs. Link has also served as an instructor for several years in the daffodil judging schools, largely at her own expense. At one time, while vacationing in Laredo, Texas, she flew to Georgia to teach a part of the school so it could be an accredited course.

Mrs. Link has also lectured on daffodils to many garden clubs, never charging a fee. She has made a complete set of slides which she has loaned many times, and she has also given a number of slides to the ADS for its collection.

Through the years she has contributed several articles to the *ADS Yearbook* and *BULLETIN*, as well as one article to the Royal Horticultural Society's *Year Book*. She likewise wrote an article on daffodils for *Indiana Gardens*, publication of the Garden Club of Indiana.

Mrs. Link served as a regional director of the Midwest Region and the first newsletters for the region were issued during her tenure of office. Some of her other regional activities included a daffodil symposium, a regional show and the conduct of a series of daffodil judging schools. She is currently serving as second vice president of the American Daffodil Society.

Mrs. Link is an accredited ADS show judge and is growing approximately 1,000 daffodil varieties, both naturalized and in a display garden which is open to

DR. ABILIO FERNANDES

Nominee for the ADS Gold Medal

On October 19, 1906, Abilio Fernandes was born in the village of Macainhas, in the suburbs of the Portuguese city of Guarda. His childhood was spent in the country and by his 17th year he had completed his secondary or high school education.

With the encouragement of his parents he then entered the University of Coimbra to obtain his degree in the natural sciences. During his university years he gave particular emphasis to botanical subjects and the classification of higher plants. At the end of the four years he passed his examinations with high rank and consequently was invited to occupy the position of Assistant in the Botanical Institute of Coimbra. Then it was that he began to specialize in cytology, the study of the cell.

In 1929 the work of several prominent cytologists convinced Dr. Fernandes that many problems in plant relationships could be solved by a comparative study of the cells of plants belonging to the same plant group. To follow up this idea he chose the genera *Aloe* and *Narcissus*.

the public each year during the blooming season. She hybridizes daffodils and has registered several originations. She is most generous about sharing her surplus bulbs with her friends or other persons who admire something in her garden. She contributed a collection of jonquilla hybrids to the test garden at Stone Mountain in Georgia, which is in charge of Mr. Thompson.

Aside from being a very efficient person in handling her ADS work, she is known for her good sportsmanship as an exhibitor. Having won the Quinn Medal once, she has not competed for it again so that others may have an opportunity to try and win it.

In view of the foregoing the Executive Committee recommends that the Silver Medal be awarded to Mrs. Goethe Link, for outstanding service to the society.

Approved April 25, 1963

The report on his study of those two plant groups constituted the thesis for his doctor's degree in 1931.

Thereafter Dr. Fernandes' cytological studies were directed mainly to the genus *Narcissus* and several of his papers on the cytological identity of various daffodil species have appeared in print. No doubt all of you have seen one or another of them and the familiar diagrams of the chromosomes within the nucleus of the cell.

From this work has come the lists of chromosome numbers of the daffodil species and some of the older varieties. These chromosome numbers have in turn told us why daffodil breeders have had little or no success when attempting certain species or varieties crosses. Their chromosome numbers have not been compatible, so seed has not resulted. With that knowledge available to them the hybridists have been saved much unprofitable work.

It is pertinent to our consideration of this nomination that the American Amaryllis Society saw fit to recognize Dr. Fernandes' accomplishments by awarding him the William Herbert Medal in 1942. After that date he did not rest on his laurels and in 1946 *Herbertia* published still another of his papers on the same subject. Still more of his work will be found in Jefferson-Brown's book, *The Daffodil*, so well known to all of us.

In view of the foregoing the Executive Committee recommends that the Gold Medal be awarded to Dr. Abilio Fernandes of Portugal. His accomplishments are of a pertinent nature in the advancement of daffodils.

Approved April 25, 1963

* * * * *

AND THEN there was an elegant lady, done up in the very furriest and most velvety clothes. She stood looking at the display of modern daffodils at the New York Flower Show for some time. Then she turned condescendingly to the man in charge of the exhibit and said in lofty tones, "But *where* are your *Emperor* and your *Empress*?"

EXPERIENCE REPORTED ON RADIATION OF SEED

An ADS member from South Carolina has asked if anyone has tried treating seed with atomic radiation, so perhaps my experiments will be of interest to others also.

In 1960 the Atomic Energy Commission advised me they did not have facilities for treating seed and suggested Washington State University. One of the professors there said he could treat seed with X-rays but had no idea how much of a dose to use. Being told the seed was worthless except for this experiment, he treated it with 10,000 *r* of X-rays. This was too much, since the seed did not germinate the next year and were rotted when dug up.

"Atomic" Seed Offered

Early in 1961 a local seed store offered "Atomic Energized" vegetable and flower seed for sale. This seed was marketed by the Oak Ridge Tenn., Atom Industries. This outfit offered to irradiate seed free of charge but I considered their restrictions on the use of knowledge gained too binding and did not send any for treatment.

But an engineer at the Hanford (Wash.) Atomic works agreed to irradiate some seed so several lots were sent him for treatment at levels of 5,000 *r*, 2,500 *r*, and 1,250 *r*. This seed was returned quite late in the fall (1961) and although planted immediately did not germinate the next spring. However, when dug up it seemed to be sound so the seed box was saved in the hope that the seed would grow the next year.

Now, in February, 1963, some of the lots treated with 2,500 *r* and 1,250 *r* are coming up. What mutations, if any, will result remains to be seen.

Finally Given Away

Too much is not expected from this irradiated seed. The seed store eventually gave away their "Atomic Energized" seed, since it would not sell. I obtained and planted packets of straight neck summer squash, golden acre cabbage,

golden wax beans, danvers halflong carrots, heavenly blue morning glories, and yellow marigolds. Mutations noted seemed to be on the bad side. The yellow summer squash had green spots in the rinds and did not bear long. The blue morning glories had red splotches in the blue. The morning glories were the only lot that seemed to grow well, and we had many days of enjoyable bloom from them.

GEORGE E. MORRILL
Oregon City, Ore.

HONORS IN BRITAIN

A report from Reginald C. Wootton of Bloxwich, Staffordshire, England, and a member of the ADS, reports "in some ways it was a U.S.A. year in England." At the main RHS show April 18 and 19 Aircastle, hybridized by Grant Mitsch and introduced in 1958, received the medal for the best bloom in the show, and at the following fortnight show April 30 Daydream, another of Mr. Mitsch's introductions, received the Award of Merit.

AMERICAN DAFFODIL SOCIETY
STATEMENT OF INCOME AND EXPENSES
FOR YEAR ENDED DECEMBER 31, 1962

Income:			
Dues—1961		\$ 6	
Dues—1962		4,491	
Life memberships		300	
Special memberships		500	
Sale of bulletins and year books		91	
Net proceeds from 1962 convention		444	
Sale of Royal Horticultural Society Publications, various Books and classified lists:			
Income	\$ 1,309		
Cost of items sold	560	749	
Interest income		71	
Sale of ads in year book		412	
Judges Certificates fees		72	
Miscellaneous income		53	\$ 7,189
Expenses:			
American Daffodil Society Year Book cost		\$ 2,210	
Bulletins and printing		2,143	
Office supplies, stationery and postage		630	
Regional Vice-President expenses		196	
Addressograph plates		171	
Audit fee		150	
Miscellaneous expense		35	
Awards		31	
Depreciation		22	5,588
Net Income for Year			<u>\$ 1,601</u>

BALANCE SHEET DECEMBER 31, 1962

		Assets	
Current Assets:			
Cash in bank—Security Trust Company—St. Louis, Missouri		\$ 4,374	
Cash in savings—Community Federal Savings and Loan Ass'n. St. Louis, Missouri		2,437	
Inventory of various publications:			
Judge Quinn's book		83	
Royal Horticultural Society Publications		130	
American Daffodil Society Publications		212	
American Daffodil Society Year Books, 1959-1963		966	\$ 8,207
Fixed Assets:			
Office equipment		\$ 273	
Less: Accumulated depreciation		22	251
Other Assets:			
Inventory of medal dies		\$ 104	
Inventory of color slides		130	234
Total Assets			<u>\$ 8,692</u>
		Liabilities and Net Worth	
Current Liabilities:			
1963 dues received in advance		\$ 182	
Due for printing—1963 Year Book		2,210	\$ 2,392
Net Worth			
Balance, January 1, 1962		\$ 3,733	
Add: Inventory of American Daffodil Society Year Books— not previously inventoried		966	
Net income for year—Exhibit "B"		1,601	6,300
Total Liabilities and Net Worth			<u>\$ 8,692</u>

DISAPPOINTMENT REPEATED WITH N.b.v.c. POLLEN

A year ago I reported on the cross, Arbar x *Narcissus bulbocodium* subsp. *vulgaris* var. *conspicuus* (N.b.v.c. for short). The large seeds that resulted proved to be only hollow shells.

When N.b.v.c. bloomed in 1962 I had five blooms of Clockface in good condition, so they received pollen of N.b.v.c. In 1961 I had used Clockface as a seed parent so I knew it was fertile. Therefore, when the five pods appeared to swell this year I was not surprised. Eventually harvest time came and all five pods appeared to contain seed.

Only 3 Sound Seeds

A couple of weeks later the seed were removed from their pods, 23 in all. They were large and plump but after each had been gently squeezed three hard seeds and 20 crumpled shells were all that remained.

Being now rather skeptical of N.b.v.c. pollen I suspect the three hard seeds represent self-pollinated Clockface seed, but only time will tell us that if they grow.

As a result of this second failure with pollen of N.b.v.c. I decided to look up

HOW TO USE WEED SPRAY

Question: I have never been very successful in using pre-emergence sprays to keep down weeds in the daffodil beds. Perhaps my method has been at fault. Can you suggest a successful way to use a good spray?

Answer: Pre-emergence sprays can be put on early in the spring when the ground is wet and then covered with mulch. Experience with this method has shown very few weeds during summer months. The ground must be wet when spray is applied and also the ground must be well covered with spray. The bed must be free of weeds at application, as it will not destroy those already germinated.—Excerpt from Midwest Region Newsletter.

its chromosome number in the list of chromosome numbers in the 1960 *American Daffodil Yearbook*, compiled from various sources by a writer named Wheeler. There I found N.b.v.c. listed as having 42 chromosomes. Possibly that explains the difficulty, since it seems quite likely the two varieties I used as prospective seed parents have a chromosome number of 28. That may also explain why Division XI of daffodil classification is not for daffodils of garden origin that have characteristics of N.b.v.c. That flower has been known for a long time and I am sure many persons in the past have tried crosses with it.

Success Elsewhere

Apparently there is something in the pollen of N.b.v.c. that causes the production of large but non-fertile seed, and the growth of the seed causes the pods to expand as they do when fertile seed is being produced.

All this leaves me with one question. Has any amateur breeder in the Society bloomed hybrid seedlings from *Narcissus bulbocodium vulgaris conspicuus* pollen?

WILLIS H. WHEELER

MORAL LESSONS IN DAFFODILS

John Wister says he tried Mrs. R. O. Backhouse three times before he could get it to grow.

Moral: one trial and one failure don't tell you a doggone thing.

He also tells of a friend who bought Fortune at \$125. He (Wister) says he thought to himself, "What an ass!" Fortune bloomed beautifully the next spring, the joy of its owner. The following spring he was dead.

Moral: he couldn't take Fortune with him, either, but think of the pleasure it gave him that one time!

SUGGESTED reading: *Plants, Man and Life* by Edgar Anderson (1952). Deals with the history of cultivated plants. Not new and not about daffodils, but of interest to horticulturists.

Mrs. William R. Taylor
Joshuatown Road, R. D. 2
Old Lyme, Conn.

Non Profit Org.
U. S. POSTAGE
PAID
Washington, D. C.
Permit No. 41132

American Daffodil Society, Inc.
7426 Lynn Ave.
University City, St. Louis 30, Mo.

TWO MEETINGS IN OREGON

The northern section of the Far West Region of the ADS held its first meetings this April.

The first group met April 4 at the Public Service Building in Portland, Ore., with Mrs. Henry J. Eames, Jr., regional vice president, presiding.

Mr. and Mrs. Grant Mitsch of Canby, Ore., brought blossoms to display, both seedlings and named varieties, as well as some excellent slides which were thoroughly enjoyed. Other beautiful flowers were brought by Murray Evans of Corbett, and Allen Davis of Portland brought about a dozen pots of miniature daffodils in full bloom. They were so attractive that several people decided to try some next year.

The meeting was so pleasant and informative that it was decided to repeat it next year.

The second group met in Tacoma, Wash., April 6. This was a small and

informal meeting in the Winthrop Hotel in the afternoon after the floral parade of the Puyallup Valley Daffodil Festival. The weather for the parade was cold and rainy and kept many people at home. As a result our group was small but it did give those of us present the opportunity of becoming better acquainted with Willis Wheeler, ADS president.

Mr. and Mrs. William H. Roesé from southern California were present, making this a wide area of representation for the first Far West ADS meeting.

META BELLE EAMES
Vice President, Far West Region

BULLETIN DEADLINE
JULY 20, 1963!