

BULLETIN of the AMERICAN DAHLIA SOCIETY, Inc.

"The Society is formed for the purpose of stimulating interest in and promoting the culture and development of the Dahlia; to establish a standard nomenclature; to test out new varieties and to give them such recognition as they deserve; to



study the diseases of the Dahlia and find remedies for same, and to disseminate information relating to this flower; to secure uniformity in awarding prizes at flower shows; and to give exhibitions when deemed advisable."

Series XIII

New York, April, 1932

No. 60

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LORELEI—A Mastick Production

A beautiful rose pink F. D.; center creamy white. From Oregon. Named from legend of "Lorelei," the beautiful maiden who sat on rocks above the Rhine and by the voluptuous luster of her golden hair and music of her voice of love lured the mariners from their course to be dashed to pieces on the rocks below.

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Statement of Ownership as Required by Postal Laws

The BULLETIN of the American Dahlia Society, Inc., is now registered as second-class matter; in compliance with the Postal Laws the following sworn statement is published:

STATEMENT of the Ownership, Management, Circulation, etc., required by the Act of Congress of August 24, 1912, of BULLETIN of the American Dahlia Society, published quarterly at New Haven, Connecticut, for April, 1932.

STATE of Connecticut, County of New Haven, ss.

Before me, a Notary Public, in and for the State and County aforesaid, personally appeared William J. Rathgeber, who, having been duly sworn according to law, deposes and says that he is the Publisher of the BULLETIN of the American Dahlia Society, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management, etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 443, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor and business managers are: Publisher, American Dahlia Society, New Haven, Connecticut; Editor, William J. Rathgeber, New Haven, Connecticut; Managing Editor, none; Business Managers, none.

2. That the owners are: The American Dahlia Society. President, Warren W. Maytrott, Vineland, N. J.; vice-president, George L. Stillman, Westerly, R. I.; treasurer, Mabel C. Rathgeber, New Haven, Conn.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: none.

4. That the two paragraphs next above giving the names of the owners, stockholders and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company, but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also, that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest, direct or indirect, in the said stock, bonds, or other securities than as so stated by him.

WILLIAM J. RATHGEBER.

Sworn to and subscribed before me this first day of April, 1932.

(Seal)

WILLIAM C. O'BRIEN.

(My commission expires February, 1937.)

MAIL LIST OF FLOWER GROWERS

Anything that can be sold can be sold by direct mail

(Not members of the A. D. S.)

Compiled from letters received by our office inquiring where good varieties of Dahlias can be bought. **The Bulletin does not reach these buyers**, but they ought to have your catalog. About 450 names have been added this year, bringing the total to 900 or more.

If you have a surplus stock of good varieties to dispose of, get a line of mail order customers started.

For State count and further particulars address:

COMMUNITY MAIL SERVICE

226 County Street New Haven, Connecticut

Publications Received

The Gladiolus Review—The official organ of the American Gladiolus Society. Published monthly. The April issue, just out, is full of information for gladiolus growers. The secretary is Roscoe Huff, Spahn Building, Goshen, Indiana.

APRIL BULLETIN of the AMERICAN DAHLIA SOCIETY

SERIES XIII

NEW YORK, APRIL, 1932

No. 60

BULLETIN OF

THE AMERICAN DAHLIA SOCIETY

Incorporated

Organized in New York, May 10, 1915

COPYRIGHTED

Published Quarterly
January, April, July and October

WARREN W. MAYTROT, President
Vineland, New Jersey

WILLIAM J. RATHGEBER, Secretary
198 Norton Street, New Haven, Connecticut

ADVERTISING RATES

30 cents per agate line. There are fourteen agate lines to the inch

One Inch.....	\$ 4.00
Two Inch.....	7.00
Quarter Page.....	11.00
Half Page.....	18.50
Page	35.00
Double Page.....	65.00

NOTICE—Copyright: This BULLETIN (issue of April, 1932, is copyrighted, and articles or other matter herein cannot be reprinted except by permission from the publishers.

The annual dues are two dollars for all members, one dollar being for a year's subscription to THE BULLETIN. Affiliated societies contribute ten dollars. Please send check or money order to the secretary.

All advertising for the American Dahlia Society BULLETIN is taken subject to editing. The society reserves the right to strike out of any advertising copy such parts as it deems objectionable, from any cause whatever, and it also reserves the right to cancel any advertisement for the same reason.

To Members of Affiliated Societies

Under our new arrangement you can now receive the BULLETIN at a special price if the subscription is sent through your own secretary. Ask him about it. You ought to take advantage of it.

Officers of the American Dahlia Society, 1932

President—Warren W. Maytrott.
Vice-Presidents—George L. Stillman, William H. Waite, John Vincent, Mrs. Stephen G. Van Housen, Charles G. Reed, W. Atlee Burpee, George W. Fraser, J. A. Kemp, George L. Farnum, Mrs. Charles H. Stout, Mrs. George Holland.
Secretary—William J. Rathgeber.
Treasurer—Mrs. Mabel C. Rathgeber.
Assistant treasurer—James Duthie.
Trustees—C. Louis Alling, George W. Fraser, N. Harold Cottam.

Committees of the American Dahlia Society, 1932

Executive Committee—Derrill W. Hart, Mrs. Freida Fisher, W. L. W. Darnell, J. W. Johnston, James Duthie, N. Harold Cottam, C. Louis Alling, Thomas Leavitt.

Nomenclature Committee—Dr. Marshall A. Howe, Prof. Roland H. Patch, William B. Sweeney, J. A. Kemp, George W. Fraser.

Show Committee—Derrill W. Hart, General Chairman.
Central Committee—Lynn B. Dudley, Edward B. Lloyd, Howard I. Glutbeck.

New England Committee—George W. Fraser, C. Louis Alling, William G. Rathgeber, Charles G. Reed, Sarah Wakeman Wood.

New Jersey and Pennsylvania Committee—J. W. Johnston, Mrs. Freida Fisher, Mrs. George Holland, S. Y. Veile, William H. Waite.

Garden Club Section—George L. Farnum, Mrs. Charles H. Stout, Mrs. Arthur Decker, Mrs. Albert Humble, Mrs. J. A. Nixon.

Prize Committee—Mrs. Freida Fisher, George W. Fraser, Edward B. Lloyd.

Schedule Committee—C. Louis Alling, Lynn B. Dudley, Warren W. Maytrott.

Judges' Committee—J. W. Johnston, Charles G. Reed, J. A. Kemp, George L. Farnum.

Budget and Auditing Committee—Thomas A. Leavitt, C. Louis Alling, John Vincent.

BULLETIN Committee—Lynn B. Dudley, Derrill W. Hart, William J. Rathgeber, C. Louis Alling.

Trial Grounds Committee—Charles G. Reed, William B. Sweeney, George Fraser.

Nominating Committee—N. Harold Cottam, J. A. Kemp, Thomas Leavitt.

Notice

At the meeting of the Executive Committee, held March 15th, it was decided that the next show of The American Dahlia Society be held September 22-23, 1932, at Hotel Pennsylvania, New York. We will appreciate other eastern shows arranging non-conflicting dates if possible.—EDITOR.

Summary of Executive Meeting of A. D. S., January 13, 1932, Hotel Lexington, New York

President Leavitt presiding. Dr. McLean presented a proposition to hold our next show in Grand Central Palace, in conjunction with Gladiolus Show, September 15th. Tabled for further consideration.

Mrs. Fisher, Mr. Darnell and Mr. Hart, auditing committee, reported the books of treasurer correct as read.

A communication from R. E. Berlet, president Central States World's Fair Association, was read and request of co-operation of A. D. S. was granted.

President Leavitt here relinquished the chair in favor of our new president, Mr. Warren W. Maytrott.

Mr. Hart reported that he had received numerous letters favoring the Westchester County Community Center for next show.

After a recess, Mrs. Charles H. Stout was appointed a committee to get a design for a new A. D. S. medal. Mrs. Stout generously offered to contribute one hundred dollars toward expense of making new dies if those present would subscribe the balance for cost of dies. Amount was fully subscribed. Mrs. Stout submitted a sketch of the proposed new medal.

A committee was appointed to procure price for printing the Bulletin. Mr. Darnell was appointed chairman.

Voted that a committee be appointed to edit advertisements for the Bulletin. Mr. C. Louis Alling was appointed to pass on desirability of advertisements sent in.

Discussion on matter of 1932. Several propositions were presented for various locations. The matter was laid over until next meeting for further investigation.

Secretary stated that no provision had been made for compensation for year 1931 for himself and his assistants. Voted that he be paid same as in previous years, installments as funds permitted.

President Maytrott made the suggestion that we have an association of judges to compile a universal set of show rules and submit same at next meeting. Passed.

A Budget Committee, consisting of Thomas Leavitt, C. Louis Alling and Mrs. Mabel C. Rathgeber were appointed.

A Bulletin Committee was appointed. Mr. C. L. Alling, Mr. L. B. Dudley, Mrs. Charles H. Stout, to act on same.

William J. Rathgeber, Secretary.

Last Call for the Trial Garden

Do you know just how good that pet seedling is that you have been telling your friends about? Why not send it to the trial garden so that you can get expert advice on just how good it is?

There was 179 varieties entered at the trial garden and out of this number 19 received certificates last year. It is expected that this season there will be a much larger entry than in 1931 but we urge that those who wish to enter their seedlings do so now so that provisions can be made in having enough available space prepared in time for planting. The garden is planted about the first of June but in fairness to those in charge entry should be made early. The cost of entering one variety is \$3.00, but three plants or roots of one variety may be sent with no extra charge. It is suggested that at least two of one variety be sent. The clumps will be returned at digging time with no extra cost except return express charges. Full information may be received by writing to Prof. Roland H. Patch, Storrs, Connecticut, who will forward entry blanks to those who are interested. Will you assist in making the American Dahlia Society official trial garden the best ever?

TRIAL GARDEN COMMITTEE.

Obituaries

A. D. S. Loses a Life Member

GEORGE G. STUMPP

George G. Stumpp has passed to the great beyond. To those who knew him nothing more need be said to describe the great loss we have sustained. Unassuming, kindly in spirit; he was ever ready to help those with whom he came in contact. His advice was always good. Listening sympathetically, he analyzed difficult situations for others and freely bestowed his help. Busy as he was, there always was time to consider others.

Starting with little capital, the partners built great business by hard work, close attention to their undertaking, honesty of purpose and high ideals. It is regrettable that he did not live to see the crowning effort, the opening of the model new seed house which the Stumpp & Walter Company will soon occupy. Mr. Stumpp's foresight organized the business to carry on successfully with the capable ones in charge who have so long been associated with him.

Many are the happy hours spent in his delightful company and now a good friend will be sadly missed as long as I live.

E. C. Vick, New Jersey.

HENRY F. MICHELL

Prominent Philadelphia Horticulturist is Dead at 70

Special to The New York Times

Henry F. Michell, socially prominent Philadelphia merchant, died of apoplexy today in a hotel at Atlantic City. He was in his seventy-first year.

Mr. Michell was president of Michell's Seed House, which he founded forty-two years ago. He was widely known as an exhibitor of flowers, plants and other products of his nurseries and for many years served as president of the Horticultural Society of Pennsylvania. He was a member of the Union League and the Philadelphia Country Club.

He is survived by a widow, the former Miss Elizabeth R. Henry, and two daughters, Mrs. Allen Waller Morton of Baltimore, and Mrs. Louis Agassiz Shaw of Boston.

Registrations, April 1932

The following names have been proposed for registration. If no objection is made within a reasonable time they will be considered as registered.

To register a name, simply send name proposed with fee of \$1.00 for each variety, type, and predominating color. We will advise you whether name is in use. Fee will be returned if name is not eligible for registration, or will apply on selection of a new name.

Note—Dahlias entered at Trial Grounds are automatically considered as registered, unless name selected is already in use. If entered under a number and afterwards changed to a name, a fee of \$1.00 is required.

Registration only records the name of a Dahlia. It in no way guarantees the quality of a flower, but it does prevent unintentional duplication of a name.

City of Akron, formal decorative. Old rose, tipped yellow. **Mrs. Dayton Bond**, cactus. Clear yellow canary. By Dayton's Dahlia Gardens, 647 North Main Street, Akron, Ohio.

Helen Eagan, informal decorative. Clear yellow, long stem, cut flower variety. By R. M. Warner, 674 Bridgeport Avenue, Milford, Connecticut.

Harry Had the Start

"Mamma," said four-year-old June, "Harry wants the biggest piece of pie and I think I ought to have it."

"Why dear?" asked the mother.

"Cause," replied June, "he was eating pie two years before I was born."

For Home or Show

Spray Dahlias Regularly with **EVER GREEN**



DAHLIA growers who want to guard the beauty of their gardens, make it a habit to spray regularly with Ever Green. This non-poisonous insect spray kills plant insects. It is extremely powerful—yet does not burn tender foliage or harm the most delicate buds.

Ever Green kills leaf hoppers and all the small sucking insects which cause leaves to turn yellow and curl. It also kills chewing insects such as the dreaded tarnished plant bug (Aster Beetle).

You need Ever Green to protect your Dahlias from aphids, thrips and tarnished plant bugs. You can use Ever Green as often as necessary because Ever Green does not injure even the most delicate blossom. It never destroys fertility in the soil.

Ever Green also kills ants. Does not harm grass or destroy the soil. Merely pour a solution on each ant hill and the next day the ants are dead.

You can get Ever Green at seed stores, department, hardware, florists and drug stores, or send 35 cents for trial bottle of Ever Green.

McLaughlin Gormley King Company

Minneapolis, Minnesota

EVER GREEN

KILLS ANTS AND GARDEN INSECTS

An Interesting Letter from Canada

We quite agree with the writer of the following letter. Why discriminate against our nearest neighbors and best customers for American made goods. Only an imaginary line exists between the two countries. Their dollar is as good as ours. But when we deposit Canadian money, the bank takes off a big exchange discount. Who fixes this exchange anyway.—EDITOR.

Editor Bulletin:

I enclose express order for \$2.00 for Dahlia Bulletin for 1932. I received your sample copies a year ago and enjoyed reading them, just kept putting it off subscribing for same, their exchange is so high. I often wonder what the American people are thinking about. Canada their best customer and they insisting on discounting our money, and in this world's crisis we haven't had a bank fail or go broke. Our trade is being diverted to other countries and a lot of it will never be regained by United States. One little instance in regards to our home, for over fifty years we have always burned American anthracite coal. This year I am burning Scotch coal, and don't expect to go back to the American coal. Why less ashes, no clinkers, less dust and equal heating qualities, only difference at present is that the Scotch coal costs \$1.00 per ton more which is nothing compared to the satisfaction. This is only one case in thousands that I know of, another thing is fresh green vegetables, tomatoes, etc., a large proportion of same is now coming from West Indies direct, West Indies tomatoes can be bought retail in stores here for fifteen cents per pound, all used to come from Mexico and United States and price was twenty-five cents to thirty cents per pound, and no better quality.

However, we hope it will all turn out for the best. Wishing you the Dahlia Society success and hoping for a better Dahlia year this year than last.

I remain, yours truly.

J. W. H., Cornwall, Ontario.

New Dahlias come and go,

but here are two that will endure and will be a pleasure to have in your garden year after year.

ROTARY

Roll of Honor Dahlia. The new outstanding bi-color decorative, red, tipped white. A type that stands out in the garden and catches the eye at once. Shown in colors in catalogue.

CLINTON TRAVIS

Informal decorative. Pale Amaranth pink. Center darkish pinkish tone. Wonderful grower.

Six other new fine introductions.

Our Dahlias are long season grown, insuring well developed roots.

Let us send you our 1932 catalogue of outstanding new and standard varieties. It's free. Prices conforming with general deflation conditions.

N. Harold Cottam & Son

WAPPINGERS FALLS NEW YORK

Popular Standard Dahlias for 1932

Compiled by the secretary from a large number of catalogues received, on the principle that a variety appearing in five or more catalogues of well known dealers must have merit, else they would not list them.

This applies only to standard or older varieties. The new originations are not sufficiently disseminated to appear in many catalogues. These latter new ones will be found under heading of catalogues received. It proved quite a task to compile the list, but it answers the numerous inquiries as to what we consider the best standard Dahlia. No attempt is made to segregate the types.—EDITOR.

Note—Number following name indicates number of catalogues in which the Dahlia appears.

Al Koran, 10. Alice Whittier, 28. Ambassador, 42. Amarillo Grande, 15. American Triumph, 42. Amun Ra, 13. Andreas Hoffer, 12. Andrea Erickson, 30. Asbury Park, 20. Avalon, 17.

Bagdad, 20. Barbara Redfern, 30. Barbara Wear, 10. Bashful Giant, 16. Betty Ivins, 16. Bob Pleuse, 12. Buckeye Bridge, 14.

Casper G. Ware, 19. Charles G. Reed, 19. Champagne, 16. Chemar's Eureka, 22. Chemar's Masterpiece, 12. City of Trenton, 29. Cora Butterworth, 13.

Daddy Butler, 20. Dr. John Carman, 33. Dorothy Stone, 40. Dwight Morrow, 32.

Edna Ferber, 54. Eagle Rock Beauty, 16. Elinor Vandervere, 33. Elite Glory, 42. Eliza Clark Bull, 21.

Flaming Meteor, 20. Fort Monmouth, 52. Fort Washington, 28. Frau O'Bracht, 26.

Golden Goblin, 5. Golden Sonne, 6. Grace Curling, 20.

Harry Mayer, 33. Helen Ivins, 20. Ida Perkins, 34.

Jane Cowl, 69. Janet Southwick, 6. Jean Trimbee, 26. Jersey's Beauty, 50. Jersey's Beacon. Jersey's Triumph, 15. Jersey's Empress, 12. Jersey's Ideal, 21. Jersey's Masterpiece, 23. Judge Marean, 22.

Kathleen Norris, 62. Kathleen Cole, 13. Karl Bonawitz, 9. Kemp's Violet Wonder, 45. King Midas, 49. King Tut, 11.

Margaret Masson, 19. Margaret Woodrow Wilson, 37. May Trower, 12. Mabel Goodacre, 8. Mariposa, 19. Marmion, 42. Mordella, 7. Minnie B. Eastman, 37. Monmouth Champion, 48. Mrs. Carl Salbach, 23. Mrs. Alfred B. Seal, 50. Mrs. I. de ver Warner, 36. My Maryland, 23.

Nature's Masterpiece, 14. Nagle's Roem, 6. New Glory, 17.

Omar Khyyam, 6. Oriental Beauty, 12. Orinda, 13. Penn Charter, 6. Pride of California, 6. President Wilson, 7. Pride of Stratford, 18. Papillion, 18. Pop Stewart, 10. Queen of Garden Beautiful, 34.

Radio, 12. Regal, 29. Robert E. Lee, 18. Robert Scott, 13. Roman Eagle, 26. Rose Fallon, 22. Robert Treat, 16.

Sagamore, 26. Salbach's White, 18. Sanhican Peach, 9. Sanhican Queen, 14. Sanhican Beauty, 12. Silverado, 18. Siskiyau, 17. Snowdrift, 10. Spotswood Beauty, 14. Seal's Californian, 28. Spirit of St. Louis, 5.

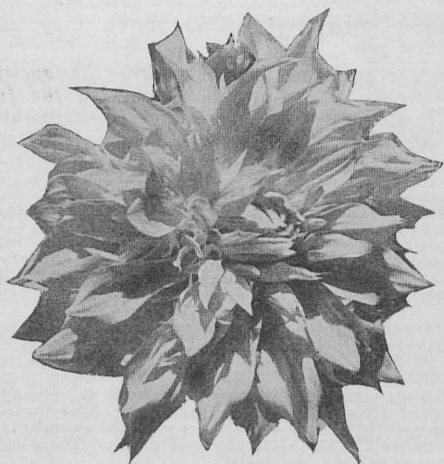
Tang, 10. Thomas A. Edison, 44. The World, 44. Tommy Atkins, 10. Treasure Island, 41. Trentonian, 30. The Lemonade, 13. Valentino, 31.

Wachtung Wonder, 20. Wachtung Sunrise, 21. Waldham Sunshine, 22. William Hogan, 16. Yankee King, 20. Derrill W. Hart, 16. Eagle Rock Fantasy, 10. Eliza London Shepard, 25. Kentucky, 20. Judge Leon McCord, 10.

"I wish to complain," said the young bride, haughtily, "about that flour you sold me. It was tough."

"Tough, ma'am" asked the grocer.

"Yes, tough. I made a pie with it, and my husband could hardly cut it."



MYRA HOWARD

MYRA HOWARD

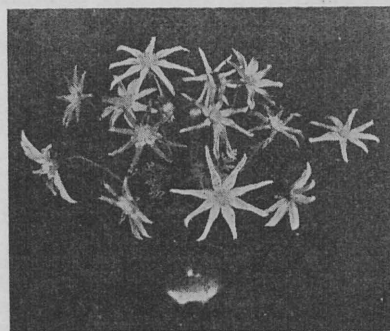
(Glutzbeck-Dahliadel . . . 1932)

A dahlia we are proud to introduce, feeling that it will immediately take its place with the greatest Dahlias in existence today. The color is a glowing combination of saffron and gold with tints of salmon; the entire effect being ochreous orange. Throughout the deep flower are petal petaloids, which give it distinction in both form and color. A wonderful plant and a thrifty grower, producing freely giant blooms on long rigid stems.

NOT only did this Dahlia win the American Home Achievement Medal as a seedling in the American Dahlia Society Show in New York, but also won as best buff or orange and best ten blooms, open to all, in the Rockville Centre, N. Y., Dahlia Show. Here is a new and spectacular introduction well proven before being disseminated; one which we unhesitatingly recommend as being worthy of the most particular Dahlia lover. If you desire a sensation in your garden and a winner for the show room secure Myra Howard. PLANTS ONLY, \$7.50.

WE RECOMMEND —

Bagdad	Josephine G.
City of Trenton	Karl Bonawitz
Dwight W. Morrow	Kathleen Norris
Eagle Rock Fantasy	Kentucky
Fort Monmouth	Mary Ellen
Frau O. Bracht	Monmouth Champion
Golden Sonne	North's Yellow
Ida Perkins	Omar Khayyam
Jane Cowl	The World
Jim Moore	Thomas A. Edison
	Treasure Island



ORCHID FLOWERING DAHLIAS



GRACE, poise daintiness—all personified in these Orchid Flowering Dahlias. The flower lover's solution to meet every artistic demand. Though but recently introduced in this country, the lovely Orchid Flowering Dahlia already has a legion of friends.

OUR 1932 CATALOGUE

is now ready and includes the same cultural directions, pruning, and disbudding instructions that have made it together with its type classifications a reference book wherever Dahlias are grown. A FREE copy will be mailed on receipt of your request.



DAHLIADEL NURSERIES

Warren W. Maytrott, Box 14, Vineland, N. J.

GROW POTASH-FED DAHLIAS

Affiliated Societies, 1932

The American Dahlia Society, affiliated societies and branch societies will use the following as a basis of terms and working agreement for the year 1932, after which time the Constitution of the American Dahlia Society will be so changed making this Resolution valid under the new Constitution and By-Laws.

Be it resolved that the American Dahlia Society offers the following plan to all affiliated societies and societies interested in Dahlias.

To encourage the organization of State branches in every State in the Union, with representatives elected by these branches to participate in all of the society's activities, including attendance at the National Society committee meetings, and the appointment of a local representative to send any articles and news of interest to the National Society.

The object of this resolution is to eliminate all unnecessary competition between societies, promote co-operation and provide a National Bulletin. Societies may affiliate with the A. D. S. as before or may reorganize as a branch of the A. D. S. providing they have 100 or more members. Smaller societies may combine for this purpose. Each branch to be known as () Branch A. D. S.

Suggested dues in branch societies of A. D. S., \$2.00 to \$3.00 a year; \$1.00 per member to be remitted to the A. D. S. as a subscription to the A. D. S. BULLETIN and to include affiliation.

It is recommended that branch shows of the A. D. S., for the sake of uniformity, be operated under a universal set of show rules to be compiled by the A. D. S. with the aid of the branch societies, these branch shows to follow such rules as closely as local conditions will permit. Branch societies may purchase special A. D. S. medals for their shows at cost. These shows to be specifically known as The () Branch Show of the A. D. S., while the national show at New York shall be known as The National Show of the A. D. S.

Branch societies to operate under the constitution adopted by the A. D. S. for branch societies which will only cover requirements necessary to make it a regular branch of the A. D. S., the balance of the constitution to be adopted by each branch to meet with local requirements.

Societies may continue affiliation as they are at present and may pay \$1.00 per member, and have such member receive the A. D. S. BULLETIN.

It is the plan of the A. D. S. to open up the columns of its BULLETIN to all branch societies for items of general interest to the Dahlia World, and further, it would expect each branch to appoint a committee headed by an editor, to contribute monthly or quarterly, news or articles to the society BULLETIN, to be used and edited at the discretion of the editor of the A. D. S. BULLETIN.

Members of branch or subscribing affiliated societies in good standing may join the A. D. S. for \$1.00 per year, giving them full membership rights in National organization.

American Dahlia Society will not be responsible for any expense incurred by any branch society.

We cannot but help express our gratification upon the wonderful progress that is being made by both our older affiliated societies and the many new ones that joined with the A. D. S. for this year. Great credit is due to the organizers and officers of these various societies for the work they are doing to promote the welfare of the Dahlia.

Where it was possible to obtain the dates of the various shows throughout the country we are glad to publish them. Further information can be obtained by addressing secretaries of any society as given below.

The American Dahlia Society takes this means of expressing their best wishes for a very successful exhibition year.

For convenience of our readers the societies are alphabetically arranged. Medals for all the following societies are now being made and will be sent out shortly. It is advisable where possible to arrange dates so the shows will not conflict in contiguous localities.—EDITOR.

Akron Dahlia Society (Ohio)—This new organization starts out with a goodly number of Dahlia enthusiasts and promises to become one of our most important affiliated societies. Show dates will be published later. The secretary is C. W. Sherbondy, 849 Wooster Avenue, Akron, Ohio.

Amityville Dahlia and Flower Society—Mrs. Fred W. Wunderli, secretary, 25 Coles Avenue, Amityville, L. I., N. Y.

Baltimore Dahlia Society—Herbert O. Aburn, secretary, 6308 Blenheim Road, Baltimore, Maryland. This is a large organization, with over 250 members. A fine show is held annually, in Baltimore. They also publish an excellent Bulletin.

Berwick Garden Club (Penn.)—Mrs. M. F. Fenstermaker, secretary, Berwick, Pennsylvania.

Burholme Horticultural Society (The) (Penn.)—Lewis G. Dietz, secretary, 7512 Tabor Road, Burholme, Philadelphia, Pennsylvania.

Camden Dahlia Society (The)—Mrs. Margaret Asay, secretary, 26 South 35th Street, Camden, N. J.

Clarkston-Lewiston Garden Club—Mrs. N. N. Nelson, president, 8th and Libby Streets, Clarkston, Wash.

Columbia Valley Dahlia Society—H. H. Miller, secretary, 21 W. Simpson Street, Portland, Oregon.

Connecticut Horticultural Society—This old and honorable organization (organized in 1889) is taking on unusual activity this year. Joseph R. Seery, secretary, 434 Main Street, Wethersfield, Connecticut.

Dahlia Society of California (The)—Gleen T. Mack, secretary, 1251 43rd Avenue, San Francisco, California.

Dahlia Society of Dumont—W. Fred Laessig, secretary, 477 Washington Avenue, Dumont, N. J. The 1932 Dahlia show will be held in September.

Dahlia Society of Kentucky—S. Charles Thatcher, secretary, 2198 Brownsboro Road, Louisville, Kentucky.

Dahlia Society of Michigan—Mrs. Sarah Cooper, president, Howell, Michigan. C. E. Wildon, secretary, East Lansing, Michigan.

Dahlia Society of New Jersey—Miss Frances Hoenck, secretary, 62 Lakeside Avenue, Verona, N. J.

Dahlia Society of New England—Allen A. Lamond, secretary, 106 Willow Street, New Bedford, Mass.

Dahlia Society of Ohio—Mrs. Jennie L. Seith, secretary, 1700 Rushton Road, South Euclid, Ohio. Interesting programs and discussions are had at meetings and plans are being laid for a large annual show for 1932.

Dahlia Society of San Francisco—Mrs. Elizabeth Lymbery, secretary, San Mateo, California.

Dahlia Society of Southern California—Charles Cottle, secretary, 2906 Glen Eden Street, Los Angeles, California.

Danville Floral Society (Penn.)—T. DeWitt Jobborn, secretary, Danville, Pennsylvania.

Delaware State Dahlia Society—E. Howard Newlin, 906 Bellfonte Avenue, Wilmington, Delaware.

Dahlia Society of Indiana—Ralph C. Swartz, secretary, 5530 Michigan Avenue, Indianapolis, Indiana.

Dutchess County Horticultural Society—John J. Rahill, secretary, 67 Taylor Avenue, Poughkeepsie, New York.

Elberon Horticultural Society (New Jersey)—W. Williams, secretary, Box 43, Elberon, New Jersey.

East Liverpool Dahlia Society—Miss Inez Smith, secretary, Klondyke, Ohio. At meetings interesting talks are given on flowers and other subjects. At last meeting an interesting talk on Bees was given, followed by a luncheon.

Englewood Dahlia Society (The)—H. A. Johnson, secretary, 123 Howland Avenue, West Englewood, N. J.

Flushing Garden Club (L. I., N. Y.)—Mrs. H. M. Thayer, 7 Doden Lane, Flushing, N. Y.

Freeport (L. I.) New York Dahlia and Flower Society—Mrs. Charles C. Whitlock, secretary, 77 Roosevelt Place, Freeport, N. Y. Show will be held Wednesday, September 7, 1932, at Freeport Elks Club House, Freeport, N. Y.

Garden Club of Northampton County (Easton, Pa.)—A. L. Weldman, secretary, P. O., Easton, Pennsylvania.

Garden Club of Nyack—Mrs. John J. Bell, treasurer, Nyack Public Library, Nyack, N. Y.

Garden Club of Westfield, N. J.—Mrs. C. M. Bristol, secretary, 6 Kimball Circle, Westfield, N. J.

Garden Club of Woman's Club (Hackensack, N. J.)—Mrs. A. R. Bogert, secretary, 369 Union Street, Hackensack, N. J.

Glen Rock Garden Club (Glen Rock, N. J.)—Miss Ora Eastman, 103 Valley Road, N. J.

Hagerstown Dahlia Society (Maryland)—President, H. C. Kuhn; vice president, Mrs. Wm. Downey, assistant secretary, Mrs. E. K. Mentzer; treasurer, H. C. Grove; secretary, H. K. Ramsbury, 57 Wayside Avenue. A substantial increase in members is reported.

Haledon Horticultural Society (New Jersey)—James A. Malone, secretary, 27 Harris Street, Haledon, N. J. The Fall show will be held Saturday and Sunday, September 17-18, 1932, St. Mary's Parish House.

Hazelton (Pa.) Garden Club (The)—Mrs. Karl Leibrecht, secretary, 565 N. Laurel Street, Hazelton, Pennsylvania.

Kitsap County Dahlia Society—Francis M. Applegate, secretary, Port Orchard, Washington.

Long Beach Dahlia and Floral Show—Gilbert W. Arnold, president, 4131 East Sixth Street, Long Beach, California.

Missouri Botanical Gardens—2315 Tower Grove Avenue, St. Louis, Missouri.

Minnesota Dahlia Society (The)—Ray Schmidt, secretary-treasurer, Excelsior, Minnesota.

National Capitol Dahlia and Iris Society—L. W. Holland, secretary, 3 Parker Avenue, Cherrydale, Virginia.

Nederlandsche Dahlia Vereeniging—A. Meusing, secretary (secretariat), Almeer, Holland.

New Haven County Horticultural Society—William J. Rathgeber, secretary.

New York State Fair and New York Federation of Horticultural Societies—Stanley G. Barnes, superintendent Horticulture, Syracuse, N. Y.

North Glenside Horticultural Society (Penn.)—W. S. Weil, president, North Glenside, Pennsylvania.

Northern Minnesota Dahlia Society—Mrs. Nels Carlson, secretary, 205 Chisholm Street, Duluth, Minn.

Oyster Bay Horticultural Society—John R. McCulloch, recording secretary, Box 46, Oyster Bay, L. I., N. Y.

Parkersburgh Dahlia Society (West Virginia)—Frank K. Flanigan, secretary, 144 Washington Avenue, Parkersburgh, West Virginia.

Paterson Floricultural Society (N. J.)—S. Hub-schmidt, secretary, 167 Dewey Avenue, Paterson, New Jersey.

Philipstown Garden Club (New York)—Mrs. Clarence Michelis, secretary, 455 Madison Avenue, New York City.

Plainfield (N. J.) Garden Club—Mrs. Fredrick M. Genung, recording secretary, 1440 Highland Avenue, Plainfield, New Jersey.

Quincey Garden Club (Illinois)—Mrs. Arthur F. Odell, president, 2001 Prairie Avenue, Quincy, Illinois.

Ridgefield Park Garden Club—A. Swoboda, secretary, 92 Seventh Street, Ridgefield Park, New Jersey.

Saint John Dahlia Society—Alfred Morrissey, secretary, Saint John, New Brunswick, Canada.

Schenectady Floricultural Society—Henry Vogel, secretary, 703 Stanley Street, Schenectady, New York.

Seattle Dahlia Society—Mrs. H. L. Dixon, secretary, 3700 Corliss Avenue, Seattle, Washington.

Short Hills Garden Club (N. J.)—Mrs. F. F. Stevenson, secretary, Short Hills, New Jersey.

St. Louis Horticultural Society—Miss Corrine A. Pauly, secretary, Missouri Botanical Gardens, St. Louis, Missouri.

Sun Dial Dahlia Club (N. Y.)—Mrs. Elizabeth S. Steingartner, secretary, Nanuet, New York.

Tennessee State Dahlia Society—E. T. O'Donnell, secretary, 1303 Birdsall Street, Old Hickory, Tennessee.

Toledo Horticultural Society—Mrs. P. R. Hughes, secretary, 2632 Glenwood Avenue, Toledo, Ohio.

Toronto East Dahlia Society—L. D. Fallis, secretary, 46 Ashland Avenue, Toronto, Ontario, Canada.

Tri-State Dahlia Association—F. W. Harkleroad, secretary, Bristol, Tennessee.

Trenton Dahlia Society—Ingram H. Drake, secretary, 1914 Pennington Road, Trenton, N. J.

Valley Stream Flower and Garden Society—Mrs. Arthur H. Thompson, secretary, 105 Fletcher Avenue, Valley Stream, L. I., N. Y.

Victoria Dahlia Society—W. B. Christopher, secretary, 3111 Washington Avenue, Victoria, B. C., Canada.

Virginia Dahlia Society—W. G. Sale, secretary, 1201 Confederate Avenue, Richmond, Virginia.

Verona Garden Club—Mrs. T. L. Hedden, secretary, 10 Gould Street, Verona, New Jersey.

West Virginia Dahlia Society—Oliver Shurtleff, secretary, 1264 Bryant Street, Fairmont, West Virginia.

Westbury Horticultural Society—Paul Vossberg, secretary, Westbury, L. I., N. Y.

Washington Dahlia Society of Tacoma (The)—Show, September 10th-11th (see special notice under coming shows). President, Francis Glanfield; secretary, Mrs. H. C. Cogswell, 3001 South 14th Street, Tacoma.

A Safe Guess

Here lies the body of Samuel Crane
Who ran a race with a speeding train.
He reached the track, got near across,
But Sam and his car were a total loss.
The sexton softly tolled his knell,
Speeding Sam on his way to—well,
If he'd only stopped to look and listen
He'd be livin' now instead of missin'.

1932 Activities Among Affiliated Societies

Several new Dahlia societies and garden clubs have joined the A. D. S. during the past year. A number have included with their dues a subscription to the Bulletin for each of their members. This arrangement offers a special inducement for societies in obtaining new members and keeping their older ones interested.

Furthermore it creates new interest in attendance at meetings, new subjects for discussion come up for debate through articles from the Bulletin. We predict new interest in Dahlia matters and a large increase in formation of new organizations for 1932—Editor.

Bulletin of the West Virginia Dahlia Society—March issue. Oliver Shurtleff, secretary, 124 Bryant Street, Fairmont, Virginia. This thriving organization is to be congratulated on this particularly well gotten up March issue. Items of interest, not only local, but of general interest to Dahlia growers everywhere are printed throughout the 36 pages. One article "The Best Dahlias," by Colors, is excellent. Others of merit are Root Habits, by Frederick B. Sterlinge; High Price of New Introductions, by Alice Meusdorffer, explains why high class new Dahlias must be high. Seed Habits of Certain Dahlias, Planting for Exhibition, Dahlia Experiences and the 1932 Premium List are included. A fine half page for the A. D. S. was not forgotten by our esteemed contemporaries, and in appreciation we gladly reciprocate by returning the compliment in the A. D. S. Bulletin. We assure Dr. Webb, Dr. Scott and Mr. Shurtleff of our hearty co-operation.—Editor A. D. S. Bulletin.

The Baltimore Dahlia Society

At its January meeting they elected the following officers for 1932: president, Earle P. Loller; first vice president, Fred Haas; second vice president, C. M. Diffenderfer; recording secretary, Herbert O. Aburn; financial secretary, E. G. Gabrielson; treasurer, John C. Mencke, Jr.; executive committee, George Schirmer, H. J. Quick, Major J. B. Eastman, H. J. Cory, H. J. Ackerman. From the enthusiasm shown 1932 should be a banner year for our society.

Our society also wishes to extend an invitation to the American Dahlia Society to hold their annual show in Baltimore should they decide upon a change of location for 1932, assuring you of an Armory first class in every respect for the holding of a monster show besides the co-operation of our membership of over four hundred.

With very best wishes for a bright and happy New Year and let's say for a bigger and better Dahlia family everywhere.

Yours very truly,
Herbert O. Aburn, Secretary.

The Dahlia Society of Kentucky

On January 16th our society was formally organized.

In getting under way, we were fortunate in being helped by a Kentuckian, who is very prominently known in Dahlia circles, namely, Mr. Derrill W. Hart.

Mr. Hart journeyed from New York to Louisville, and at a meeting, to which all flower lovers were invited, he gave us a most instructive talk on Dahlias. Later he met with some of our officers, and gave us many valuable suggestions. Our aim, naturally, is to boost Dahlia culture, and we hope to have all our members receive the A. D. S. BULLETINS—subscription to which is included in our annual dues. We feel we are off to a very favorable start and hope to hold a show during the last week of September. It might interest BULLETIN readers to know that at the University of Kentucky, Lexington, is "The Derrill W. Hart Dahlia Garden" where a great many of the new originations are grown. It is worth seeing.

S. Charles Thatcher, secretary, 2918 Brownsboro Road, Louisville, Kentucky.

Re-organization of Pennsylvania Railroad Employees' Dahlia Society

The following inquiry has been received:

Can we organize as a unit of the A. D. S. and come under their charter or will the A. D. S. grant us a charter?

(Reply: Certainly. We believe it would be a distinct advantage to take in all flower growers—Editor.)—

I find that many of the A. D. S. members west of Philadelphia favor bringing the 1932 Convention and Show to Pittsburgh, while many of the Eastern members wish to keep it in New York. I am going into all of the details in connection with this matter and I think that the show will draw a larger attendance here than in New York. I have told the Chamber of Commerce of Pittsburgh that I wished to see about \$8,000 to come in to cover expenses, will let you know about this later.

W. J. Edwards, secretary and treasurer, 2114 Wilson Avenue, N. S. Pittsburgh, Pennsylvania.

Seattle (Washington) Dahlia Society

Election of officers for 1932. W. G. Price, president; Richard Jones, William Shorey, vice-presidents; Mrs. Theo. Volkey, Mrs. F. S. Pomeroy, J. E. Hulin, board members. A roadside beautification and program committees were W. E. Farlon, J. Hislop, R. Jones and Arthur Davis were unanimously elected. Secretary is Mrs. H. L. Dixon, 1133 Seventeenth Avenue, Seattle, Washington.

The Dahlia Society of California

Will hold their 1932 show, August 19th and 20th at San Francisco Civic Auditorium. President, Curtis Redfern; secretary, Glenn T. Mack, 1251 Forty-third Avenue, San Francisco.

WEST VIRGINIA DAHLIA SOCIETY

Incorporated

We extend to all Dahlia growers, a cordial invitation to join our thriving organization.

Our Society exists to foster and encourage the growing of better Dahlias. March, 1932, Bulletin, 36 pages, contains much valuable information. Also 1932 Show Premium List.

For further particulars address

OLIVER SHURTLEFF, Secretary

1264 BRYANT STREET

FAIRMONT

VIRGINIA

The Dahlia Society of Southern California

At our annual meeting held January 14, 1932, the following officers were elected: F. D. R. Moote, president; J. F. Cordes, first vice president; Mrs. Henry A. Buxton, second vice president; Mrs. Charles Cottle, secretary and treasurer. Also Mrs. A. W. Dunn, Mrs. C. L. Vernon, Mrs. M. G. McDonald, Joseph Pfleger, Albert A. Brown were elected on the board of directors.

The Washington Dahlia Society of Tacoma

This society recently organized with the following officers: president, Francis Glanfield; vice-president, H. C. Cogswell and Mrs. W. A. Brandt; treasurer, Mrs. J. W. Lee; secretary, Mrs. H. C. Cogswell, 3001 South 14th Street, Tacoma, Washington. Show will be held September 10th-11th at Point Defiance Park. This organization is furthering the activities of the Northwest Trial Gardens at Western Washington Experiment Station, Puyallup, Washington, H. D. Lockin in charge. They specially invite entries from Eastern growers.

New Dahlia Society Formed

Editor Bulletin:

In the last few weeks there has been formed at Kansas City, Missouri, the "Greater Kansas City Dahlia Society," with Frank Payne, of Shawnee, as president; Chester Moon, Moon Nurseries, of Leavenworth, Kansas, vice-president; Miss Marianne Reddick, Stoneport Farm, of Independence, Missouri, secretary. I am informed this is a live bunch which will have a big membership, big ideas and a big fall show.

These people will no doubt want to affiliate with our society and to that end I am suggesting that you send a few Bulletins to their secretary, with such other overtures as seem timely. No doubt many of them are already members of the A. D. S. and possibly you are already informed about this, but in any case you may expect to hear of some real doings later on.

Guy Farrar, Jarbalo, Kansas.

SURPLUS STOCK

\$2.00 EACH NET

Charles G. Reed, Gabriel, Graf Zeppelin, Minnie Eastman, Miss Longview, Penn Charter, Prince of Pilsen, Robert E. Lee, Star of Bethlehem, Thomas A. Edison, Valentino, Treasure Island, Pearl Marie.

\$1.00 EACH NET

Albert Vestal, Arthur M. Hyde, Chemar's Orange Beauty, City of Trenton, Dr. John Carman, El Ray, Frank Miller, Jersey's Glory, Kentucky, Phyllis Ash, Roxy, Sanhican's Beauty, Seal's Californian, Spottswood Beauty, The World.

DR. H. H. SMITH

19605 Beach Cliff Blvd. Rocky River, Ohio

From New South Wales, Australia

EDITOR BULLETIN:

Enclosed please find my application for enrollment as a member of the A. D. S. I am vice-president of the Newcastle (N. S. W.) District Dahlia Society.

Would very much like to get in touch with some American growers who would exchange letters with me. I grow Dahlias as a hobby and for exhibition. Have quite a number of American originations. Also some new Australian introductions, of which I would be pleased to exchange for American ones. Would of course send only outstanding varieties.

We would also like to receive catalogues from reputable American growers.

Leonard F. Flanagan, 186 Martland Road, Mayfield, New South Wales, Australia.

4

CERTIFICATE OF MERIT DAHLIA INTRODUCTIONS

We are glad to offer the following new Dahlias for 1932. Every one of them has won a Certificate of Merit at the A. D. S. Trial Grounds at Storrs, Conn., within the last three years. It is our belief that the best TESTED varieties are worthy of one's time and trouble. Try them in your garden next year.

MEADOWBROOK

F. Dec. (Score 87). Color, light mallow purple with edges of mallow pink. Excellent flowering habits. Can be grown to large size, long cane-like stem. Leathery foliage. In 1929 this wonderful variety received the highest scoring of any Dahlia. Won first in Formal Dec. class. Open to all, New York, 1931. Listed on D. W. Hart's 1931 Honor Roll.

Roots \$10 Plants \$5

PATRICIA ANN

F. Dec. (Score 87). Picric yellow, blending into alizerine pink. Flowering habits, prolific, extra heavy bloom facing upward. Ideal cane stem and one hard to beat. Can be grown 10 to 11 inches easily, yet it has both form and color interest. It is unusually attractive and well worth while.

Roots \$10 Plants \$5

CITY OF WELLSTON

F. Dec. (Score 85). Rhodamine purple with tones of Tyrian rose. Early and profuse bloomer. Stem extra heavy to medium possessing rich green foliage. A deep flower and one possessing unusual points of merit.

Roots \$7.50 Plants \$3.75

FREDERICK W. CHURCH

Informal Dec. (Score 85). Very delicate in tone, center pale rose purple and petals white, but tinted faintly with rose purple. Prolific flowering habits, excellent keeper, good foliage and stiff stems. It is different and most beautiful.

Stock limited—Roots \$7.50 net; Plants \$3.75

And our last year's successful 1930 introduction which has won many first awards wherever exhibited. Considered one of the Outstanding New Dahlias.

JOSEPHINE G.

(Score 86). Color, true rose pink, petals tipped pinard yellow. Unusual bloom formation attracts everyone. Its fluted petals, vivid coloring, proud upright blooms and splendid habits of growth make it a real addition to any collection. Listed on D. W. Hart's 1930 and 1931 Honor Roll.

Roots \$5 Plants \$2.50

Catalogue on Request

RUSCHMOHR DAHLIA GARDENS

52 So. Kensington Ave., Rockville Centre, N. Y.

Nitrogen is Needed By All Plant Life

New Inoculant Invented to Provide Important Element for Seeds

Nitrogen is one of the most important of the elements. It is an invisible, odorless, colorless and tasteless gas, which constitutes nearly four-fifths of the atmosphere.

Naturally it is the most plentiful of the elements, but the most flighty and the most costly of needed fertilizers.

Nitrogen is present in the soil in all decaying matter, vegetable or animal, in every living thing, animal or vegetable. It is essential to life and when life ends the nitrogen is released for the benefit of the living.

Plants obtain their nitrogen chiefly from the soil through the aid of innumerable bacteria. The bacteria generate heat, which results in decay and thus the nitrogen is released. Other forms unite the nitrogen with various basic acids, these again uniting with lime. The bacteria require air and heat, being most active in a temperature about forty degrees.

On leguminous plants, such as peas, beans and clovers, a combination of these microbes enables the plants to take nitrogen from the air through their leaves, transferring it to the roots, where the bacteria fasten it in the form of nodules, which are minute swellings.

When the plants die the nitrogen becomes available to succeeding crops. For this reason beans, peas, clover, vetches and lupins should not be pulled up when the plants are dead or harvested, but they should be cut off so the roots may remain and decay.

A new inoculant called Jermite has been invented by a prominent agricultural bacteriologist and this, it is claimed, fixes the nodules on the roots of the leguminous and nonleguminous plants. It is a liquid and the method of using it is to soak seeds before they are planted or to apply it to the roots of plants.

Nitrate of soda and sulphate of ammonia are the usual chemicals used to apply nitrate to the soil in commercial fertilizers.

6 CHOICE DAHLIAS FOR ONLY \$3.00

VALUE FROM \$6.00-\$9.00

Extra Fine Varieties

Select any 6 from the following list to be sent to you postpaid for \$3.00, cash with order. All guaranteed bulbs and Government inspected.

Biltmore (D.), red and white.....	\$1.00
Commodore Perry (D.), canary yellow..	1.50
Hoo Chee (D.), strawberry and yellow..	1.00
Lake Erie (L.), lavender.....	1.00
Sunbright (D.), dazzling yellow.....	1.00
WJZ (D.), rich salmon.....	1.50
Clara Barton (D.), orange brown.....	1.00
Katherine Wells (C.), light cream.....	1.00
Mrs. M. Foster (C.), red and yellow....	1.00
N. E. Beauty (C.), scarlet.....	1.00
Yuletide (C.), white.....	1.50
Koolankopo (C.), yellow and red.....	1.50
Ruth Thompson (D.), bronze.....	1.50
Conspicuous (D.), red salmon.....	1.00
Lake Trout (D.), cherry red.....	1.50

FREE!!! With EVERY ORDER FOR ABOVE, 1 bulb of SILVA QUARTA (75 cents) WILL BE GIVEN. ORDER TODAY.

GEO. L. STILLMAN

Box D-B 32 Westerly, Rhode Island

YES!

WONDER PINK roots, each \$3.50
or **NEGRO** plants, each 1.75

FORT MONMOUTH roots, each \$1.00
plants, each 50c

CANTEEN
or **MRS. C. SALBACH** roots, each 20c
or **MRS. I. D. WARNER**

300 OTHERS—10c, UPWARD
AND MANY SPECIAL OFFERS

Don't fail to send in your name for our Dahlia folder, if you buy Dahlias. Also, it will pay you to visit our three farms next Autumn.

KUNZMAN

NEW ALBANY INDIANA
DAHLIAS

Why Dahlias Should Have a Choice Spot In Every Garden

By Albert Parrella, Bronx, New York

First of all it is a Fall flower. Most all other flowers have ceased blooming at that time.

Secondly, it is one of the very few beautiful flowers that may be had in a variety of types, colors, and shades. It is a free flowering plant, with large sized blooms, that will make many very beautiful bouquets for the home as well as friends.

The cost is not great, you can now buy remarkable selections of Dahlia tubers to beautify your garden at very reasonable prices.

If you have sufficient space to spare, it is even interesting to grow Dahlias from seed, which if properly started in the early spring should give you a mass of blooms the same season—and who knows, you might be surprised with an entirely new specie. The surprise would be gratifying indeed but even though the varieties turned out just as you expected the cultivation and the results are well worth trying.

We have a limited surplus of field grown roots of varieties at prices stated below:

Alice Whittier, 50c; Edna Ferber, \$1.00; Elite Glory, 50c; Eliza Clark Bull, 75c; Fort Monmouth, \$1.75; Goldene Sonne, \$1.50; Jane Cowl, 60c; Kathleen Norris, \$2.50; Margaret W. Wilson, 35c; Queen of Garden Beautiful, 60c; Rose Fallon, 50c; Sagamore, 25c; Thomas Edison, \$2.50; Champagne, 25c. Roots from which labels became detached \$1.75 per dozen.

WASHINGTON VALLEY DAHLIA GARDENS
P. O. Box 31, Martinsville, N. J.

PREMIER SPECIALS

GREATEST MONEY VALUES OF THE SEASON IN
COMBINATION OFFERINGS OF THESE LEADING
PRIZE WINNING DAHLIAS

PLANTS OF ANY 3 OF THE FOLLOWING FOR \$5.00—VALUE \$7.50

Arthur W. Grey, Cardinalis, Chap. Chieftan, Charles G. Reed, Donna Cal, E. R. Wonder, Edward Thomas Bedford, Eliza L. Shepherd, Frau O'Bracht, Good Night, Graf Zeppelin, Jim Moore, Josephine G., June Justice, K. Cole, Kathleen Norris, Lorelei, Monmouth Champion, Nellie Austin, New Glory, Oriental Beauty, Penn Charter, Red Bird, Robert E. Lee, Supreme Glory and Watchung Wonder.

PLANTS OF ANY 3 OF THE FOLLOWING FOR \$7.50—VALUE \$11.25

Andrae Ericson, Bagdad, Caprice, Dr. John Palmer, Jr., Jenny Lind, Karl Bonawitz, Omar Khayyam, Pansy G. White, San Bernardino and W. H. Waite.

PLANTS OF ANY 3 OF THE FOLLOWING FOR \$10.00—VALUE \$15.00

Achievement, Aiko, Alaska, Asbury Park, Clair de Lune, Champoege, Indiana Moon, Isabel McElney, Ray Warner, Sunny Jim Rolph, Tang, Wandel Bride, Wandel Fire Ball.

ONE PLANT EACH OF THESE 4 UNBEATABLE WONDER DAHLIAS

*AMERICAN LEGION EAGLE ROCK FANTASY HALLOWE'EN
and SATAN FOR \$35.00*

* * * *

ALL PLANTS FROM BASE CUTTINGS OF SELECTED STOCK

Grown in 3 inch pots—hardened off previous to shipment

SATISFACTION GUARANTEED

PREMIER DAHLIA GARDENS

GEORGE H. SWEZEY

31 MERTZ AVENUE

HILLSIDE, NEW JERSEY

DAHLIA GROWERS FORUM *and* IDEA EXCHANGE

A New Department for Every Member of the A. D. S.

Conducted by Lynn B. Dudley

With the Very Valued Assistance and Advice of the Following

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mantic, Conn.

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Francisco, Cal.

LEONARD BARRON, *Editor, American Home*, New
York City.

MRS. FRIEDA FISHER, *Commercial Grower*, Tren-
ton, N. J.

CURTIS REDFERN, *Commercial Grower*, San Fran-
cisco, Cal.

CONRAD FREY, *Amateur Grower*, Newark, N. J.

DR. C. H. CONNORS, *Professor of Floriculture*,
Rutgers University, New Brunswick, N. J.

WARREN W. MAYTROT, *Commercial Grower and*
President A. D. S., Vineland, N. J.

PROF. FREDERICK E. DIXON, *Commercial Grower*,
Scotch Plains, N. J.

W. L. W. DARNELL, *Commercial Grower*, East
Moriches, L. I.

J. W. JOHNSTON, *Director of Atlantic City Show*,
Philadelphia, Pa.

THOMAS LEAVITT, *Commercial Grower*, Assinippi,
Mass.

A Foreword by Ye Conductor

Here it is friends—a meeting ground for amateur and expert alike—where anyone can seek advice or offer suggestions—where discussion of problems pertaining to every phase of Dahlia culture is open to everybody.

What soil do Dahlias require? Are we using the right fertilizers? How do I kill red spiders? My roots dried out last winter and all the money I spent for prize varieties was wasted, how can I prevent this? How can we stage a Dahlia show? And so come the queries, ad infinitum, to the desk of the secretary of the A. D. S., Mr. Rathgeber.

Now, it is well known that Mr. Rathgeber is good natured and painstaking. He has tried for years to answer all queries and furnish information promptly. But he has his own business to look after in addition to being A. D. S. secretary. We have had a personal glimpse of some of the detail involved and the problems put up to him. Then advertisers and contributors to the BULLETIN want some attention. How he attends to it all is beyond our ken. In trying to figure it out and maybe help him—an idea was born.

At every Dahlia show there is sometimes disappointment because the general discussion of real Dahlia culture is cut short to elect officers or to listen to a speech about economics or something.

Every year at the trial grounds, Field Day, the guests eagerly listen to culture talks and break up into groups to view the varieties, and talk over problems.

Information, ideas—helpful suggestions—these are continually sought by thousands of Dahlia fans all over the country. A few words from deep in your experience

or mine—may renew the interest of a fan who has become discouraged—or perhaps save someone else from a lot of useless work.

Let's get together in a spirit of friendly understanding and mutual helpfulness. The success of the Dahlia is in the old friends it keeps—and the new ones it makes. We can't stand still in Dahlia culture any more than art culture. The only permanent thing in Dahlias, as in life, is change.

A word about our Board of Reference. It is one of the most imposing groups of Dahlia names in the world. Every one of them could keep you or me interested for hours and never repeat once. They know Dahlias. They are specialists. Each one has endorsed this department and offered his or her assistance freely without reservations. When a problem is presented which comes particularly within the experience of one or more Board members, it will be put up to them by the Conductor of this Exchange, the question stated with name of member asking and the expert answering. Please do NOT address your queries a board member.

Here, then, is a Dahlia Forum, open to all, for all. Perhaps something you know can help some beginners to love Dahlias more, or perhaps someone else's experience will furnish a helpful hint to you. Here we're going to air both joys and troubles—and share them, too. It's your department, use it. Please make your communication short, and to the point. Put its subject at the top in plain words. For the sake of saving time and postage address your queries, suggestions or ideas, no matter how wild they may be, direct to the Conductor of this department, Lynn B. Dudley, 580 North Columbus Avenue, Mount Vernon, New York.

Comment on the Forum by Members of Our Board of Authority

DR. MARSHALL A. HOWE—"I think your scheme for bettering the Bulletin of the A. D. S. is a very good one. Your department might take up the problem of discouraging use of reoccupied names for the new varieties being introduced."

Note—As a result of Dr. Howe's suggestion, President Maytrott has asked Dr. Howe to undertake an up-to-date card index of present Dahlia names. Secretary Rathgeber has agreed to furnish Dr. Howe with his basic list to start this project. The other members of the Nomenclature Committee will assist Dr. Howe in this great undertaking. It will be one of the greatest and most beneficial forward steps ever sponsored by the society. More about it in this department later.—Ye Conductor.

FRIEDA H. FISHER—"Much good information could be distributed over a wide area by such a column. Glad you are taking hold of this Forum Idea."

LEONARD BARRON—"Indeed I should be very glad to assist in any way that is practical in helping to make the Bulletin better reading and for the good of the Dahlia."

GEORGENA HUMBLE—"Your suggestions for a Forum in the A. D. S. Bulletin meets with my heartiest approval. Glad to be of service."

CURTISS REDFERN—"The ideas set forth are fine and should enhance the value of the Bulletin. I'll do my best to furnish information of some use to the greatest number."

WILLIAM B. SWEENEY—"This is the first constructive thought I have received relative to improvement of our Bulletin. I am willing to co-operate."

W. L. W. DARNELL—"Will do anything I can to help make the Bulletin more interesting."

GEORGE L. FARNUM—"I feel that we need an Idea Exchange very much. I am flattered that you have asked me of help."

DR. C. H. CONNORS—"I should be very glad to co-operate with your Board of Authority for the new department in the Bulletin."

J. W. JOHNSON—"I think the idea of a Forum is very constructive and I will be happy to co-operate."

JESSIE L. SEAL—"I appreciate very much the honor of serving the American Dahlia Society and you are at liberty to use my name. I will answer questions and furnish articles as requested."

WARREN W. MAYTROT—"Your idea of a Dahlia Growers' Idea Exchange is a very good one. I'll help whenever I can."

WILLIAM J. RATHGEBER—"Go right ahead with this new department. It will help me out more than I can tell you. But if it helps our members—then I'll be more than glad."

PROF. FREDERICK E. DIXON—"I shall be pleased to serve on the Board and render assistance where possible."

DERRILL W. HART—"This new department ought to bring out a world of facts and data which will make Dahlia culture more interesting and profitable. Every member should welcome it."

"TOP NOTCH GLADIOLUS"

"GLORIOUS PEONIES" AND

"LOVELY LILIES"

SEND FOR LIST

I. S. HENDRICKSON

BOX D. S.

JAMESPORT, L. I., N. Y.

Bargains in Dahlia Plants

An exceptional opportunity to get the best at low prices. There is no Bargain in price unless it is a bargain in quality. Prices are being adjusted in other commodities so we are willing to readjust the prices on Dahlias and are making this special offer. There will be no difference in quality. The plants offered will be clean and healthy and in a good growing condition, and sold on WAITE'S guarantee of being true to name and money back if not satisfied.

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Asbury Park	\$5.00
Champoeg	3.75
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Six varieties, one of each \$15.00 prepaid

Four varieties, one of each \$10.00 prepaid

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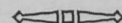
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Six varieties, one of each \$8.00 prepaid

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ORDER NOW and specify the date you want them, and they will be shipped on the day specified.



Waite's Gardens, Inc.

EATONTOWN

NEW JERSEY

Maturing Dahlia Seed in the East

QUESTION—"It seems to me that there are some Dahlias which should make seed here in the east, particularly if we have such long growing seasons as we had in the last two years. But I have tried and was disappointed. Would like the names of a few that would be good seed makers."

O. A. WRUCK, East Springfield, Mass.

ANSWER—It is possible to mature Dahlia seed in Atlantic Coast region. First blooms will make seed—but I have discovered that second blooms are better. Only the largest and most perfect blooms should be selected. And tie them with a white strip to mark them. Let them mature and dry down on bush. If there is excessive rain break the stem part way so that cone of dried bloom will hang down and shed rain. When it has turned dark brown and is apparently dry, pick and label, if you wish to name, label seed, and hang in dry room till completely dry. Then, over a white paper, break open pod and, if the bees have crossed pollen from other varieties to the pistils of this bloom, you will find strong fertile seed between the flaky, dry leaf like sections of the pod. The best seed are to be found in the outer rows. They are longer and stronger and more apt not to be self-fertilized. Some varieties make more and better seeds than others. Some do not seem to make any. Usually, growers are careful to guard the secret of their favorite seed varieties. Here are a few which I know will produce seed: Jersey Beacon, Fort Lee, Elite Gem, U. S. A. It is best to plant roots for your seed varieties early, to give as long a growing season as possible. Also, it helps if you segregate varieties you want to use as seed parents, selecting strong, clean stock and a variety of coloring. If a colony of bees can be hived nearby, that helps in pollenization. Hand hybridization is another story and takes more time and experience.

* * * *

Georgia Member Asks A Few

By H. H. Gray, Carrollton, Georgia

I notice that you have a question and answer department. Am taking advantage of my membership to settle a few questions that have been worrying me regarding storage of Dahlia roots. This winter has been particularly warm here and I am afraid there is great danger of the roots drying out.

QUESTION—"Would you advise spraying them (just as they are, packed in peat moss) with a solution of Semesan? I have them stored in a room with plenty of air, one that doesn't get much sun."

ANSWER—Peat moss is very absorbant of water. If you spray roots in their bed of moss, there is danger of their coming into direct contact with too much moisture. They will either sprout too freely and too soon, or they are apt to rot. Semesan, properly applied and dried on, will undoubtedly retard rot—but the roots should not rest in a wet bed of moss all winter. If this is done—even Semesan would not save them. A better way would be to keep a pan or two of water near the boxes of roots and let the evaporation keep roots from drying too much.

QUESTION—"Is it just as good to leave the roots in the ground throughout winter, when there is no danger of freezing, and provided ground has good drainage?"

ANSWER—Dahlia roots need a rest between seasons. A long growing season is ideal, because then tubers get good growth and mature properly. When really mature, with strong necks, they always winter over better. But they will become soft and rot or they will sprout too early if left in ground. The ideal way is to dig a pit below possible frost line and cover well and leave till dividing time.

QUESTION—"Can you furnish list of Dahlias that do best in south?"

ANSWER—This query is referred to some of our good members south of Mason's and Dixon's. Send in your list of best varieties for Mr. Gray.

YE FORUM CONDUCTOR.

EXCELL DAHLIA GARDENS

The home of Mrs. Florence Lamb, one of the best reds for \$5.00.

Having a limited planting space I am forced to reduce my stock in order to make room for new varieties, so write for special prices. I may have just what you are looking for. Collections made up on request—these are real bargains.

Catalogue on request—write today.

113 EMPIRE ST. EAST LYNN, MASS.

MARYLAND DAHLIA GARDENS

Originations For 1932

MARYLAND'S ORANGE

The Dahlia that's different
Roots \$10.00 Plants \$5.00

MARYLAND'S GLORY

Winner at Atlantic City
On the 1931 Roll of Honor
Roots \$10.00 Plants \$5.00

MARYLAND'S JUBILEE

Won Certificate of Merit at Storrs' Trial
Grounds

Roots \$10.00 Plants \$5.00

Complete description in our new catalogue
now ready

MARYLAND DAHLIA GARDENS

ROLAND PARK

LAWNDALE & WYNTHURST AVENUES
BALTIMORE, MARYLAND

What Advantage a Trial Ground Score?

QUESTION—I have but recently joined the Dahlia Society and would like to inquire what advantage it would be to me, an amateur, who grows three hundred hills of Dahlias yearly as a hobby, to send my best seedlings to Storrs? I grow about two hundred hills of standard named varieties and about one hundred seedlings. I plan only to build a collection for my own use that will be worth while, as time passes.

R. S. NIGHTENGALE.

ANSWER—The very object of building a Dahlia collection "that is worth while" proves that you want good blooms, which will not only give you real personal satisfaction, but cause your friends to exclaim—that is the best argument for having experts confirm your own judgment that some of your seedlings are worthy. The point scoring system devised by Mr. Sweeney is a "Dahlia standard." It measures the all-round quality of a variety. It helps us to discard some of those Dahlias which, though perhaps pretty, will not produce sturdy, strong, virile, and new form and color in their children. The Storrs Trial Ground is a yard stick of Dahlia quality. By the payment of only \$3.00, we are able to have experts grow our varieties under ideal conditions. Then as they grow and bloom, expert judges report their worthiness to live and reproduce their kind. The fact that you do not expect to sell them should not take away the thrill of having those who know, say you have done well in originating a new and better Dahlia.

YE CONDUCTOR.

Report of 1931 Trial Garden

By Charles G. Reed, Chairman

The official Trial Garden of the American Dahlia Society for the year 1931 was most satisfactory to those who have been in close touch with the garden. Although the entry was much smaller than the previous year the quality of Dahlias as a whole was better than in the past. The Field Day was well attended as usual, but as this event is held in the midst of the fall exhibitions it is difficult to have as large an attendance as the garden deserves.

The garden is a credit to those in charge and it would be difficult to find a better cared for garden than our Trial Garden.

There were 179 varieties entered the past season and out of that number 19 varieties secured certificates.

One of the most difficult tasks in conducting the Trial Garden is the matter of securing the judges who are capable of scoring the varieties and judges who can visit the garden several times throughout the blooming season. Last season the judges were: Thomas H. Hughes, Frederick E. Dixon and George W. Fraser.

In closing we wish to thank Prof. Patch, his assistants, the officers and members of the American Dahlia Society, the growers who sent their Dahlias to the Trial Garden, the judges who worked so hard to complete their job and all others who in any way contributed to the success of the garden in 1931.

TRIAL GARDEN COMMITTEE.

DAHLIA TUBERS TRUE TO NAME

Field grown tubers. No blooms sold from plants. Cash with order; if wanted parcel post add postage. Otherwise, shipment will be made by express Collect.

Ambassador .....	.50	Halvella .....	.50	Maiden's Blush	\$2.00
American Triumph ...	.75	His Majesty .....	.50	Mrs. E. L. Lindsay ...	.25
Amarillo Grande .....	.50	H. Tribune Elite .....	.50	Monmouth Champion ...	2.25
Aztec Glory	1.25	Insulinde .....	.50	Margaret W. Wilson ...	.25
A. C. Lorbeer .....	.50	I de Ver Warner .....	.25	Minnie Eastman	1.00
Alice Whittier .....	.50	Jane Cowl .....	.50	Netawaka .....	.75
Barbara Redfern .....	.25	Jersey's Beauty .....	.25	Pop Stewart .....	.50
Big Chief	1.50	Jersey's Monmouth ...	.25	Pride of Stratford .....	.50
Charles Stratton .....	.25	Jersey's Jewell .....	.25	Q. of Garden Beautiful	.50
Casper G. Ware .....	.25	Jersey's Beacon .....	.25	Regal .....	.50
C. B. Githens .....	.25	Jersey's Wonder .....	.50	Robert E. Lee	2.50
City of Trenton	1.00	Jersey's Masterpiece ..	1.00	Roman Eagle .....	.25
Dwight W. Morrow ...	6.00	Jersey's Delight .....	.25	Rookwood .....	.50
Elsie Daniels .....	.25	Jessie K. Prescott ...	.25	Rose Fallon .....	.50
Ellenor Vandevere ...	.25	Judge Leon McCord ...	1.25	Robert Scott .....	.25
Eliza London Sheppard	2.50	Kathleen Norris	1.75	Rose-Ellen Varble ...	1.50
Emma Marie .....	.25	Kemp's Violet Wonder	1.50	Sagamore .....	.25
Eliza Clark Bull .....	.50	Kentucky	1.50	Sanhican's Magnate ...	.50
Eagle Rock Beauty ...	.75	King Midas	1.25	Silverado .....	.50
Eagle Rock Jewel .....	.75	Lavendula .....	.50	Santa Barbara	2.00
Eagle Rock Wonder ...	4.50	Lillian Miller	2.75	Seal's Californian ...	1.00
Edna Ferber .....	.75	Marmion .....	.50	The World	1.00
El Rey	3.00	Margaret Masson ...	.25	Thomas A. Edison	2.00
Fort Monmouth .....	.75	Mordella .....	.25	Treasure Island	1.00
Flaming Meteor .....	.50	Miss New York .....	.25	U. S. A. .....	.50
Grenadier .....	.25	Miss Bridgeton .....	.25	Valentino	1.00
Grissette .....	.25	Mildred Brooks Hoover	2.50	Waldheim Sunshine ..	1.00
Harry Mayer .....	.50	Mrs. Alfred B. Seal ...	1.25		

Mixed Dahlia tubers, every tuber with an eye, \$15.00 per hundred tubers, or \$2.25 per dozen, postage paid in U. S.

Also a lot of white poms, good variety, \$15.00 per hundred.

If you do not see listed above what you want, write us. We grow many Dahlias that are not listed here. We sell tubers only, and do not offer any plants or rooted cuttings.

THE FENWICK GARDENS

Lock Box 212, Salem, New Jersey

When Certificate is Awarded—Why Not Include Registration?

QUESTION—*Why not make a new rule by the A. D. S. that when a new variety receives a certificate under a name not previously registered it is automatically registered under the winning name? Before we could introduce a new certificate winner this year we had to establish our right to a name which had also been taken by another grower, but not registered. This year a new variety received a certificate under a specific name. Another variety by the same name also was entered for trial and scored only 82, yet the latter was registered under the name in the same issue. Which forces the owner of the certificate Dahlia to change its name after winning under it. It seems to us that without this automatic registration someone could slip in a registration of a winning name by a matter of a few hours ahead of certificate winners and take unfair advantage. We are not intimating that this happened in the above instance, but it could be easily done. Is this a wild suggestion, or not?*

DEWEY MOHR, Rockville Center, L. I.

ANSWER—A little discussion on this question would be interesting. What do you think about this suggestion by Mr. Mohr? Dr. Howe of our Forum Board will give us his suggestion in the next issue.

QUESTION No. 2—*Can a mere amateur become a member of your society?*

ANSWER—Most certainly. Due of \$2.00 per year include the A. D. S. BULLETIN, which no Dahlia fan should do without. It is the amateurs who make up the bulk of our membership. It is the amateur whom we welcome with open arms. It is the amateur who makes any Dahlia Society successful. We need you, Mr. Johnson, and you need us. Please send your subscription now.

QUESTION No. 3—*What is the best book on hand hybridizing?*

ANSWER—That's a tough one. No one author has ever written a complete and comprehensive treatise on hand hybridizing. And some of those who have tried to explain it have been called names, and challenged to show some tangible results. Singularly, some of our most renowned originators of new varieties don't discuss their methods. However, we recommend to you, "Modern Dahlia Culture," by W. H. Waite, page 53 to 58. A. T. De La Mare Co., 438 W. 37th Street, New York City, Publishers. This treatise is as clear and concise a description of hand crossing Dahlias as we have in our library.

YE CONDUCTOR.

Quo Vadis?

A headstone in old Granary Cemetery, Boston, has the following inscription:

"To follow you I'm quite content,
But I'd like to know which way you went."

DAHLIAS

Field Grown Standards and Pompons

Varieties that are worth while and will make a splendid display at a moderate cost. Plant pompons for table decoration. Send for list.

FREDERICK L. HOWE

23 Highland Avenue

Stoneham, Mass.

12 SUPERB EXHIBITION DAHLIAS

VALUE
\$10.25

A specially chosen, unbeatable set of up-to--the-minute prize winners at half list price, greatest value we have ever sent out. All easy growers that need no coddling, here they are:

Jane Cowl	Sanhican's Queen
Artic Shadows	Sanhican's Redcap
Jersey Beacon	Sanhican's Peach
Jersey Beauty	The World
Seal's Californian	Treasure Island
City of New York	Rose Fallon

One each of above sturdy plants
sent special delivery, the twelve

Postpaid for

\$5.00

If roots are preferred you get \$20.50 value for \$10.00, postpaid, while they last.

Send for our new catalogue, foremost of its kind in the country—FREE.

Fisher & Masson

SANHICAN GARDENS (Box X) Trenton, N. J.

NOW IS THE TIME

that you expect to find Dahlia bargains. You need look no further. The following Dahlia plants will be delivered to you postpaid, at the proper planting time. A \$10.00 value, for only \$5.00:

1 BAGDAD.

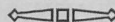
1 EMANUEL'S BEAUTY

1 KATHLEEN NORRIS

1 MABEL DOUGLASS

When ordering the above, please mention COLLECTION "J".

Don't forget FLOYD GIBBONS, FANNIE SANDT and SONNY MASSON, the SUPER Dahlias.



Veile and Mendham

Box 185

EASTON

PENNSYLVANIA

The Ultimate in Dahlias

A Fine Seedling—How to Introduce

QUESTION—I am a mere amateur in Dahlia culture, but I have a fine seedling, two years old. If they winter over, I should have several tubers for this season's planting. I have looked over several large gardens of other growers and have failed to find anything that resembled it. How should I proceed in naming it and introducing it?

GEORGE JOHNSON, Jackson, Ohio.

ANSWER—You should not attempt to introduce it until it has been grown in a trial ground and scored by an expert. If you will send two tubers of it with a check for \$3.00 to Prof. Patch, A. D. S. Trial Grounds, Storrs, Connecticut, it will be tested and scored. If it scores 85 or more, it will receive a certificate. If it does you will have no trouble in finding a reliable commercial grower to introduce it for you, either on shares or perhaps you can sell it outright for a lump sum. But before this can be done profitably, you should have built up a fairly large stock of roots.

FRASER'S TESTED DAHLIAS

OUR DAHLIA ROOTS AND GREEN
PLANTS ARE FAMED THE WORLD
OVER FOR THEIR

SUPERIOR QUALITY

A TRIAL ORDER WILL CONVINCE YOU
WE CARRY A COMPLETE STOCK OF ALL
THE LATEST NOVELTIES AND STAND-
ARD VARIETIES THAT HAVE SUPERIOR
MERIT



WRITE FOR
PRICE LIST

FRASER'S DAHLIA GARDENS

George W. Fraser

WILLIMANTIC

CONNECTICUT

Did you read the article on Dahlia Root Storage by Messrs Zimmerman and Hitchcock in the last (January) BULLETIN? If not, better do it now. Whether you admit it or not this is one of the most vital problems among Dahlia folks today. Facilities and methods for keeping roots must be improved. We just heard of one commercial grower in the middle west who lost 75% of this year's stock through stem rot. Amateurs often complain about roots drying out. Unfortunately, for the future good of the Dahlia business, some amateurs frequently become disgusted and turn to other flowers where there is less chance of loss from one year to the next. Let's have more suggestions on root storage.

Keeping Dahlia Roots Over the Second Year

I tried an experiment with some Dahlia roots last season which I have never heard of anyone trying, although it may not be new. I kept roots over two years successfully.

In the Spring of 1930 I had some surplus Dahlia roots and clumps which were not taken out of my Dahlia cellar or pit. My Dahlia pit is about 6 feet deep and perfectly dry. It is double boarded over the top and covered with about two feet of soil. At the south end the boards are loose so that I can uncover only that end and take out Dahlias without disturbing the rest of the top. Dahlias keep splendidly in this pit. (These pits can be made any length needed but are usually made only 4 feet in width), also might say they could only be used where they could be kept dry. After taking out all of the Dahlias I needed to fill orders and for my own planting, I left the opening to the pit open and the balance of the Dahlias in the pit. We do not have much rain during the summer but do have some. This is irrigated country. These Dahlias grew some, especially near the opening.

In the Fall when I went to get the pit ready for packing away my 1930 crop of Dahlia clumps, I found many good looking clumps in the pit. So the idea came to me to save some of the best looking ones and see if they would keep over another winter. A good percentage did keep and I planted some of them in the Spring of 1931 to see if they would grow. Not all grew but a good percentage did and I could not tell them from others kept only over the winter.

CARRIE H. HUBBARD, Manzanola, Colo.

SPECIAL COLLECTIONS FOR 1932

Collection One

Your selection of twelve different roots from this list for \$3.00, postpaid. Fort Monmouth, Jane Cowl, Queen of the Garden Beautiful, Francis La Rocca, Jersey's Beauty, Jersey's Beacon, Sagamore, Margaret Masson, Margaret W. Wilson, Mrs. I. de Ver Warner, Ellinor Vandever, Judge Marean, Jean Kerr, Bashful Giant, Sanhican's Monarch, Le Torredor, Eva Williams, Pop Stewart, Hercules, Adaline Winter, Bonnie Brae, Heart of Gold, Eleanor Martin, Avolan, Daddy Butler, Cigarette, Jersey's Jewell, Robert Treat, Black Top, Porthos. (Limit; 100 collection.)

Collection Two

Your selection of seven different roots for \$5.00, postpaid. Regal, Fordhook Marvel, Fort Monmouth, Kemp's Violet Wonder, Yellow Beauty, City of Trenton, Kentucky, Edna Ferber, Alice Whittier, Marmion, Elite Glory, Jane Cowl. (Give two substitutes.)

Collection Three

Any six different plants for \$5.00, postpaid. Thomas A. Edison, Seal's Californian, Dr. J. H. Carman, Ida Perkins, Kathleen Norris, Kemp's Violet Wonder, The World, King Midas, Treasure Island.

All stock guaranteed true to name and healthy.

FLOYD R. MEESKE

WYOMING, ILLINOIS

Other bargains in plants and roots—list free

Miniatures Will Be Judged at Storrs in 1932

QUESTION—*It is my plan if possible to send a number of seedlings to the trial grounds this year. I have quite a number of miniatures to send. Will these be judged as miniatures?*

F. ED. SPOONER.

ANSWER—Dr. Patch (at the Trial Grounds Field Day, September 19, 1932): "Arrangements have been made by your trial grounds management and the official judges to give careful attention and consideration to any miniatures and mignons which are sent to us for trial. Send yours to us."

ANSWER—We intend next year to arrange for inclusion of some of the new miniatures and mignons, if worthy ones appear, in our Honor Roll.

DERRILL W. HART.

ANSWER—With the co-operation of Charles Reed and other trial ground officials I am working on a scoring system for use there by judges in scoring mignons, miniatures and other small types of Dahlias. I am in hopes that we can also work out a system of scoring the garden varieties which do not compete with exhibition varieties in the different classes. (From a talk by Mr. Farnum at the March 15th meeting at the Commodore.)

GEORGE L. FARNUM.

* * * *

Mr. George L. Farnum, of Media, Pennsylvania, was appointed chairman of an A. D. S. committee to arrange and negotiate a more equitable division of dates for shows. In the past unfortunately there has been some conflict in many localities. A central clearing house, such as this committee, will assist in allocating dates for each section which will not detract from attendance at nearby shows. It would be a good plan to report your tentative dates to Mr. Farnum as soon as they are selected. He will then advise you if your date conflicts with other shows. Isn't this a good idea?

* * * *

If all show managers would insist on the names of Dahlias entered by each exhibitor being written plainly on entry card it would add greatly to interest of the public attending those shows—to say nothing of helping writers and reporters do a more competent job of giving their public the most wanted information about what varieties win prizes at the shows.

WILLIAM J. RATHGEBER.

* * * *

Staking Dahlias is done in many ways. Some growers place a stake in every hill. Others stake every three or four hills and wire between. We know one who stakes with wing crosses top and bottom, then places stakes every six hills—wires from lower crosses support plants when young—wires between upper crosses support them when fully grown. Many growers stake at end of rows with low wire stretched when plants are small, and add wires as plants grow. Both of these methods make better looking gardens than the "a stake to every hill" method. How do you stake yours? Have you a better way?

* * * *

President Maytrott has a new suggestion for show entry cards. Maybe he will describe it in this department next issue.

50¢ THIS AD IS WORTH 50 CENTS TO YOU ON ANY ORDER OF \$3 OR OVER

From Our New List—To Clean Up Stock

We want to make new friends and customers. Use this add same as 50 cents cash on any order for Dahlia roots of \$3.00 or over.

PRIZE WINNING—HONOR ROLL AND CERTIFICATE OF MERIT DAHLIAS, INCLUDING 14 NEW VARIETIES BY HERMAN RINDFLEISCH.

Write for this FREE LIST and Save Money

LYNN B. DUDLEY

580 N. Columbus Avenue Mt. Vernon, N. Y.

SURPLUS STOCK DAHLIA ROOTS

If interested in any of following varieties it will pay you to write me before buying. I have a surplus of the following: Avalon, Jane Cowl, Halo, Fort Monmouth, Edith Beryl, Aunt Nell, Peacock, Leo Neissen, Pride of California, Sunset Glow, Eleanor Martin, Jersey's Beauty, Chemar's Eureka, Arbutus, Barbara Redfern, and many others. Catalogue and plant list on request. All stock guaranteed satisfactory. The above mentioned can be furnished in large lots.

DAYTON'S DAHLIA GARDENS

647 N. Main Street

Akron, Ohio

If you want the finest DAHLIAS

Send for our catalogue

SOMERHOUSEN DAHLIA GARDENS

Chestnut Hill

Philadelphia, Penn.

Collected Evergreens

AZALEA (Deciduous), orange, yellow, red and buff flowers, per 25, \$11.00. **RHODODENDRON MAX.** seedlings, 6 to 18 in., per 100 \$5.50, 1,000 \$45.00. Samples furnished at a cost of packing. Shipments made f. o. b. Butler, Tenn. Write for illustrated price list on MOUNTAIN-LAUREL, LEUCOTHOE, HEMLOCK and RED CEDAR. Also carload lots of RHODODENDRON clumps. Terms: cash with order.

R. L. Jones

Butler, Tenn.

Cut flower Dahlia tubers, Anemones, Charms, Collarettes, English Singles, Pompons, Singles. Many varieties in all other classes. True, healthy stock.

ELIZABETH M. MOREHOUSE

MAPLEHURST FLOWER GARDENS

Fairfield

Connecticut

What To Do When Dahlia Plants Are Received

QUESTION—*I would like to know how to plant Dahlia plants when received. Should one crush the dirt, or plant it just as taken from the shipping pot? Please tell me just what to do to insure the best results when one receives plants from grower.*

GEORGE W. PLINKE, Louisville, Kentucky.

ANSWER—Remove all wrapping and paper pots from plants that have been shipped. Should the ball of dirt be rather dry, soak it in water long enough to penetrate. When the root system is extensive and well interlaced, remove the top half or all of the soil by washing it out, preferably under water. The root system can then be flattened out. If the root system is young and not interlaced or pot bound, washing out will retard your plant about two weeks.

Plant with the root system about 3 inches below the ground level and fill in about 1 inch above the original dirt line of the plant. Fill in gradually as plant develops. In locations where there is danger of flooding, or poor drainage, do not plant this deep, or else make a small ditch to carry off excessive water.

Where Dahlia plants are to be set in heavy soil, it is advisable to at least prepare the hill by mixing sand or the coarser part of coal ashes into the ground directly under the root system of the plant. This is not at all necessary in light soil, but plants will make better clumps in heavy soil if the above recommendation is followed.

Cut all plants back to two or three pairs of leaves above the ground, or at least pinch out the top to cause the plant to branch, unless plants have been shipped a distance and lower leaves are somewhat yellowed. It is then best to set the plants without cutting back to get feed roots started. After the plant has started to grow you can cut back with safety.

Water thoroughly after planting and sprinkle loose dirt over wet area to prevent baking, then protect with open basket or open crate for a few days as a partial protection from the sun and wind. For cut worms, scatter poison bait the evening of planting.

When green plants are properly grown and hardened for shipment and packed in properly designed shipping boxes, they can be sent successfully all over the United States and into Canada.

WARREN W. MAYTROT.

Epitaph for a College Grad

Here lies the body of Rufus Vaughn,
The shell is left, but the nut is gone.
—Okla. Whirlwind.

25 TO 50 PER CENT OFF ON DAHLIA ROOTS

Plant prices of a few outstanding varieties

Dr. John Carman, King Midas, Nellie Austin, New Glory, The World, \$1.00 each.
Kathleen Norris, Treasure Island, \$1.25 each.
Buckeye Bride, Cardinalis, Hattie Shelton, Dorothy Stone, Josephine G., Mrs. A. B. Seal, Monmouth Champion, Thomas A. Edison, \$1.50 each.

Good Night, June Justice, \$1.75 each.

THE LASCH FLORAL GARDENS
1435 DILL AVENUE SOUTH EUCLID, OHIO

DAHLIA SOCIETY OF WISCONSIN

A new State society is being organized. President, E. M. Larsen, 1245 East Dayton Street, Madison, Wisconsin; secretary, George C. Morris, 1911 Monroe Street, Madison, Wisconsin. This promises to be a thriving organization.

BABYLON DAHLIA GARDENS

PATRICIAN DAHLIAS

"On the Sunrise Trail"

Babylon, L. I., N. Y.

"Specialists to the trade only"

We carry a very large stock. We have the best of the old and the best of the newer varieties in plants and bulbs in quantity. Our list is very complete.

Be sure and send for our new wholesale catalogue for 1932.

An Oversight

"There, now!" exclaimed a little girl, while rummaging a drawer in the bureau, "grandpa has gone to heaven without his spectacles."

SPECIAL OFFER IN PRIZE WINNING DAHLIAS

Dr. J. Carman, \$2.50; Fordhook Marvel, \$1.50; Lorelei, \$2.50; Sanhican Delice, \$1.50; The World, \$2.50. The above roots for \$6.50 postpaid.

Josephine G., \$5.00; Monmouth Champion, \$5.00; Thomas A. Edison, \$5.00. Roots \$9.00. Plants \$5.00, postpaid.

This offer is made to reduce our stock, and to have room for new varieties.

FRANK'S DAHLIA GARDEN

Bedford

Ohio

REAL BULB BARGAINS: Dahlias, Gladiolus.

Ten different pompon Dahlias \$1.00 plus postage on 2 lbs. Tigridia, Montbretia, Tuberoses 60 cents per dozen. Tritomas and Madonna Lilies 25 cents. List free. D. W. Kerr, 23 Pine Street, Bloomsbury, Penn.

34 NEW INTRODUCTIONS FOR 1932

All decorative, stiff stems, full centers to end of season. Average in size from 7 to 9 inches.

Prices in reach of all. Catalogue free.

G. L. TAYLOR

174 White Street Danbury, Connecticut

WHY NOT THE BEST?

BROOMALL SUCCESS DAHLIAS

ARE THE

WORLD'S GREATEST WINNERS

MAY WE HELP YOU WIN?

This is the time when we must all count our pennies and it is no time to take chances when purchasing Dahlias. It is well to make your purchases from reliable growers who have produced the best, year in and year out for a long period. We are in the Dahlia business to stay. We cannot afford to misrepresent our releases to prospective customers. Our old customers continue to make their purchases from us every season. No sale is complete until a customer is satisfied. Our stock is not forced for exhibition bloom. If you are interested in the coming champions of the show room it will pay you to send for one of our little catalogues. It's free.

A FEW SUGGESTIONS

MURPHY'S MASTERPIECE
EAGLE ROCK SUPERBA
EAGLE ROCK PEACH
SATAN
FULL MOON
BETTY COLTER
MONTALVO
CARMANIA

DAILY MAIL
MISS ANNIE LILE
INDIANA MOON
EAGLE ROCK FANTASY
RUDY VALLEE
ACHIEVEMENT
FURY
NARCISSA

But why go on? Just keep these names in your mind, even if you do not grow them. You will meet them in the show room next fall. They are the ones that will win for our customers. Our best wishes are extended to all Dahlia growers for a most successful season. May you all have a great year with your Dahlias.

SUCCESS DAHLIA GARDENS

(CHARLES G. REED, Prop.)

LAWRENCE

MASSACHUSETTS

A Few Hints to Get the Dahlia Started Right

By F. W. Harkleroad, Bristol, Tennessee

Dahlias are easily grown, growing to perfection in almost any soil, provided care is given to treatment in the method of planting, fertilization, cultivating and watering. They should have an open, sunny location, but succeed in partial shade and in planting them it should be planned to have them in the sun at least two-thirds of the day, preferably the first part of the day.

Prepare the soil thoroughly by digging or plowing twelve to eighteen inches deep, and after digging or plowing, see that the ground is worked to a fine state of tilth. If the soil has much clay in it, work some sand or ashes to make it more friable. If the soil is poor, work in some well rotted stable manure or artificial fertilizer but do not over-fertilize, especially at planting time, and see that any fertilizer or manure does not come in contact with the roots at any time.

When planted in rows, Dahlia roots should be planted about three feet apart in the row and the rows about three feet apart for ordinary culture. Each root should be laid flat or horizontal (never on end) with the eye up in a furrow 6 to 8 inches deep and the root should only be covered about two inches at time of planting. It is better if only one root with one eye, two at most, is planted in a hill, and if more than two sprouts appear, the extra sprouts should be removed. The size of the bulb does not make any difference. If the bulb is mature, that is all that is necessary. In fact some Dahlias that produce large plants and large flowers make small bulbs and some Dahlias that produce small plants and small flowers make large bulbs. The size of the bulb has nothing to do with the size of the plant and flower. There is no rule governing this.

As the root sprouts and grows, the earth should be pulled into the furrow until it is pulled around the growing plant on a level with the surrounding ground. This insures a proper depth of the root to conserve the moisture for its roots during any dry weather. If the variety is especially tall-growing, five foot stakes about an inch to one and one-half inch square, sharpened, should be driven firmly into the ground about two or three inches from the end of the root which has the eye. As the plant grows it may be tied with coarse cord or strips of cloth. Stakes may be placed later, when needed, if care is used in driving so as not to injure the growing bulbs.

To Grow Dahlia Slips

Take slip from root, removing it close to the root, place where it is to grow, cover from sun, use plenty of water, planting as deep as it was on the root. When established feed it with weak liquid manure (sheep) at first, also from time to time small quantity of Potato Fertilizer is useful, placed one foot from slip; this helps blooms. Dahlia dealers claim Dahlia plants are better than roots, give better blooms, also better keeping roots. I agree with the first part, but all plants I ever grew produced nothing worth while as to roots. But take slips, give them frequent hoeing, feeding as needed, staking as they will surely need the stakes, can see no reason why one should not succeed. One slip, Blanche Charmet, gave 28 blooms, and one slip, Judge Marean, made a small clump. Don't throw away the slip, but give them a fair trial, success should result if instructions are faithfully carried out; when spraying give the slips some also, as they like it.

Editor Bulletin:

I wish to correct a statement made by the worthy secretary of the A. D. S. in his article in the October Bulletin. The color of Dahlia (Bagdad) should have been red, instead of pink. We had a root of Bagdad here in 1930. It did not come into flower until just before our first frost and then had only one flower, but this year planted at about the usual planting time, it flowered freely all through the season.

William J. Rowe.

BARGAINS SAVE MONEY

We must reduce our Dahlia stock, so have decided to issue a special clean out price list on May 1st. You will be surprised with our listing and prices. We grow nothing but **Giant Prize Winning** varieties. We are not price cutters, we are not offering a lot of poor diseased stock. We must move our surplus stock. This stock is guaranteed to be true to name and first class stock in every way. No list will be sent out unless you make application for one. Do it now.

SUCCESS DAHLIA GARDENS

(Charles G. Reed)

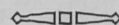
LAWRENCE

MASSACHUSETTS

Extra Fine Collection

The following 12 very large flowering Dahlias, all of which have made their mark, in field grown roots, guaranteed true to name, for \$4.00:

President Wilson	Robert Treat
Grandola	Sanhican's Peach
Jane Cowl	Violet Wonder
Jersey's Mammoth	Harry Mayer
Polar Snow	Lavendula
Pride of Stratford	Margaret W. Wilson



Thomas Leavitt

ASSINIPPI

MASSACHUSETTS

Haphazard or Real Knowledge of Dahlia Parentage

I am very much interested in the new department as suggested by Lynn B. Dudley, on the subject of a Dahlia Forum. It is my firm opinion that a place such as this to start discussions and give information would be welcomed by every member of the A. D. S. Believe also it would help to bring in new subscriptions.

Here's a topic I would like to open up again.

In the BULLETIN for July I was very much interested in the article on parentage of Dahlias. Though only a newcomer to the Dahlia game, I get a big kick from hand-hybridizing of Dahlias and I am sure that in spite of arguments to the contrary, it is by this method that we shall eventually get down to the real knowledge of parentage.

I have repeatedly read in different bulletins that the only way to get good seedlings is to grow from 1,000 to 3,000 seedlings in order to get one or two good ones, and then some of them are the bunk. In my opinion that same remark is bunk. If this is so, that we can only get good results on haphazard breeding, it reflects sadly on the judgment of the majority of flower lovers' clubs.

If each grower had some certain line in view and bred for that, in my opinion that one peculiarity would soon stamp a strain, so that we could know that it was that grower's strain.

The trouble is, if we get a very large flower, we want to keep it, despite the fact that it has a weak stem or is a weakly grower.

I think that in time we could do away with the idea that the Dahlia has no particular parentage. For instance, as a mere novice, I had the luck to win a prize for the best flower in the show; since then I have used that flower with one other for my stock purposes, breeding and inter-breeding, the main idea being stems, and long keeping flowers, more than mere size.

I never grow more than 100 to 200 seeds, yet every year I have three or four that score high on the A. D. S. score card, and it is three years since I had a "single" flower. True, I do get peony blooms. I always think that if some of those growers who devote a lot of time to growing their Dahlias were to follow on these lines, we should soon get the Dahlia on the same lines as we have the other flowers.

I hope we shall get some more articles on the parentage of the flower we all love, also some articles re hand hybridizing versus haphazard methods. These would be appreciated. Yours for better and more Dahlias.

CHARLIE GARRITY, Patricia Dahlia Gardens,
Niles, Calif.

Who, among our members, will be first to report certain results or definite indications of heredity in hand hybridizing? Many have tried it—someone may have had tangible, provable results. Who?

Notice—Dealers, growers, seedsmen, florists. We can fill your shortages on Dahlias you need for filling orders. 400 vitality grown varieties to select from. Wholesale only. Write us.

SHADY LAWN NURSERIES

(Hugo Kind) Hammonton, New Jersey

Pie a la Cook Book

Husband: "Goodness sake, I smell something burning!"

Wife: "Yes, it's the pie, but according to the cook book, I can't take it out for another twelve minutes."

1932 Dahlia Specials Bulbs That Grow

SPECIAL WHOLESALE PRICES ON MANY PRIZE WINNERS

Fort Monmouth	\$1.50
Nancy Sue Lang	1.00
Barbara Redfern .....	.50
Nature's Masterpiece .....	.50
Pop Stewart .....	.40
Elsie Daniels .....	.40
Jersey's Mammoth .....	.40
Salbach's White .....	.65
Thomas Hay .....	.85
W. J. Irwin .....	.45

MANY OTHERS IN OUR 1932 CATALOGUE

The Seven Acres

STONEHAM

MASSACHUSETTS

IROQUOIS DAHLIA GARDENS

offer the following leading varieties of Dahlias at very reasonable prices. Field grown roots. Our 1932 introductions: **Aristocrat**, \$5.00; **Golden Beauty**, \$4.00; **Miss Wallingford**, \$5.00; **Iroquois Chief**, \$3.00, or all four for \$12.00. Complete descriptive list will be gladly mailed you on request. Send for it and learn more about these beautiful new Dahlias.

JOHN TOTH

P. O. Box 12

Fairfield, Connecticut

Editor of Bulletin:

Another year has rolled around and time is again here to remit. The famous dry season of 1931 did not effect us here so much. I believe that I had the most beautiful blooms that I have ever had, but they did not come until late. There was no killing frost until late in October. Seedlings had an excellent opportunity to develop tubers as well as blooms and surely made a wonderful showing. Our Dahlia show at Battle Creek, Michigan, was a thing of joy, and did much to promote the Dahlia in this section. I believe that the holding of the show in a different part of the State each year is a plan that will prove most successful in any State, as we, as individuals, can grow only as we educate more people to the possibilities of the flower. It is most unfortunate that the A. D. S. show must be held in New York each year, as it is hardly possible for people of the middle west to attend. Also, the eastern growers almost entirely benefit from the show, which all of us help to promote. I would be heartily in favor of having the show in 1933 in Chicago, and a part of the World's Fair at that time. Why not discuss it at the next meeting?

N. J. Bossard.



National Association of Commercial Dahlia Growers

This Association is an incorporated organization and is composed of reputable and financially responsible Dahlia growers and dealers. The emblem of the Association is represented in the upper corners of this advertisement.



This emblem in the advertisement of a Dahlia grower, signifies his membership in the National Association of Commercial Dahlia Growers. It stands for Integrity—Reliability—and a Square Deal. It is your guarantee that the grower with whom you are doing business will give you a square deal in every particular. You need have no hesitancy in dealing with any member of the National Association of Commercial Dahlia Growers. The following commercial Dahlia growers are members:

W. A. Angell, Providence, R. I.
C. W. Ballay, Los Altos, Cal.
H. R. Chapman, Allendale, N. J.
Thomas Leavitt, Assinippi, Mass.
George L. Stillman, Westerly, R. I.
F. von Rodeck, Brooklyn, N. Y.
J. A. Kemp, Little Silver, N. J.
N. H. Cottam, Wappinger's Falls, N. Y.
A. W. Davidson, Ansonia, Conn.
E. W. Darling, Fairhaven, Mass.
Andrew Lufkin, Gloucester, Mass.
C. L. Alling, West Haven, Conn.
F. E. Dixon, Scotch Plain, N. J.
Barker Dahlia Farm, Bell, Cal.
Jacob Schulz Co., Louisville, Ky.
John G. Carver, Brockton, Mass.
Jessie L. Seal, San Francisco, Cal.
Gerken Brothers, Lancaster, Ohio.
Harley T. Peck, Lebanon, Ohio.
Dahlialand Nurseries, Vineland, N. J.
H. R. Delahoyde, Keokuk, Iowa.
R. L. Crigler, Covington, Ky.
Premier Dahlia Gardens, Hillside, N. J.
M. G. Tyler, Portland, Oregon.
Carl Salbach, Berkeley, Cal.
Samuel Newsome, Napa, Cal.
W. E. Trostle, San Gabriel, Cal.
Jay F. Willis, Fort Worth, Texas.
W. W. Wilmore, Denver, Colorado.
Calvin S. Wheeler, Webster, Mass.
E. L. Kunzman, New Albany, Ind.
Frank H. Poschinger, Louisville, Ky.
Strasen Floral Gardens, Austinburg, Ohio.
Dr. H. H. Smith, Rocky River, Ohio.
Success Dahlia Gardens, Lawrence, Mass.

Advance Dahlia Farm, Gardena, Cal.
Chautaugua Dahlia Fields, Bemus Point, N. Y.
Fraser's Dahlia Gardens, Willimantic, Conn.
Major James B. Eastman, Laurel, Md.
Peacock Dahlia Farm, Dahlialand, N. J.
R. Vincent, Jr. & Sons Co., White Marsh, Md.
Newbridge Dahlia Gardens, Bellmore, L. I., N. Y.
Dr. S. S. Shattuck, 162 Elm St., Everett, Mass.
T. H. Hughes, 178 Brownell St., New Bedford, Mass.
W. W. Kennedy & Sons, Red Bank, N. J.
Adam Felsing, R. F. D. 1, Lancaster, Pa.
Brazil Dahlia Farm, R. R. C. 137, Indianapolis, Ind.
Scarboro Gardens Co., Ltd., Scarboro, Ontario.
O. P. Roach, 113 Empire St., E. Lynn, Mass.
Mannetto Hill Nurseries, Hicksville, L. I., N. Y.
Kit Gardens, 9 Irvington St., Springfield, Mass.
W. Atlee Burpee Co., Philadelphia, Pa.
Lee's Dahlia Gardens, Tacoma, Washington.
Miss Alice Meussdorffer, San Francisco, Cal.
W. E. Birrell, 29 Baby Point Crescent, Toronto 9, Can.
E. M. Bissell, 12 Well's Place, E. Lynn, Mass.
Sommerhausen Dahlia Gardens, Philadelphia, Pa.
Baumann's Dahlia Gardens, Birmingham, Mich.
Veile & Mendham, Box 185, Easton, Pa.
Lewis' Sun Dial Dahlia Gardens, Deer Park, L. I., N. Y.
W. L. W. Darnell, East Moriches, L. I., N. Y.
Milton F. Untermeyer, Jr., 900 Ocean Ave., Elberon, N. J.
William C. Marchant, Valley Stream, N. Y.
Knollwood Gardens, C. L. Glenn, Winston-Salem, N. C.
Mad River Gardens, D. Paul Wickersham, Urbana, Ohio.
Hillside Farm, Walter Bissell, Austinburg, Ohio.
Ruschmohr Dahlia Growers, Rockville Center, L. I., N. Y.
Keystone Dahlia Gardens, Hicksville, L. I., N. Y.
Locust Valley Dahlia Farm, Cold Sp's Harbor, N. Y.
Fisher & Masson, Trenton, N. J.

Any reputable and reliable commercial Dahlia grower is eligible to membership in this Association. Full particulars may be obtained by addressing the secretary, Thomas Leavitt, Assinippi, Massachusetts.

15 NEW WINNERS

By originator of Fort Washington, Francis La Rocco, Alice Stellick and many other successes

Following prices for roots only

Helen Reid, white, \$10; Edward B. Fernschild, salmon, \$10; Edward Rindfleisch, red, \$10; Moonmist, pink white, \$5; Mrs. Adelaide McFall, yellow-rose, \$10; Wanda La Rocco, Lavender, \$10; Emma Rindfleisch, purple, \$10; Miss Ruth Patterson, pink, \$10; Mrs. Jane Cornell, rose pink, \$10; Viola Ferschield, lavender-pink, \$5; Mrs. G. Gordon Trencery, rose-purple, \$10; Purple Beauty, purple, \$5; Alexander Fitzner, pink, \$10; Mrs. Walter Otto, pink, \$10; Marion Fitzner, Satin pink, \$10.

Write for the first list issued in 20 years of Dahlia culture

HERMAN RINDFLEISCH

29 Prospect Avenue

Mamaroneck, N. Y.

SPECIAL OFFER FOR

DAHLIAS of MERIT

All standard varieties. A limited number at reduced prices, of roots, to close out.

A SPECIAL BARGAIN

Combination of field grown roots that have not been forced. Satisfaction guaranteed.

3 roots of Salem Pride	\$9.00
2 roots of The World	5.00
2 roots of Jane Cowl	2.00
1 root of King Midas	3.00
1 root of Queen of Garden	1.00

Value \$20.00—for \$7.00

SYCAMORE DAHLIA FARM

ALLOWAY

NEW JERSEY

Suggestive, What?

When a fireman who had gallantly lost his life in action was buried, his comrades, as a token of affection for their dead hero, covered his casket with a magnificent funeral sheaf, inscribed with the words: "Gone to his last fire."

At dinner the family were discussing their various weights. Robert, aged four, sat quietly during the conversation. Some one asked him what his weight was. He quickly answered:

"My wait's for pie."

—Liberty.

THE MOST IMPORTANT CONSIDERATIONS TO THE BUYER OF DAHLIAS ARE QUALITY — PRICE — VALUE and SERVICE

WE GUARANTEE THESE AND MORE—SATISFACTION

Our catalogue is free and contains more real information about Dahlias than
you have ever seen before

Golden Rule Dahlia Farm

HARLEY T. PECK

LEBANON

OHIO

"SOME REAL BARGAINS"

While they last and to reduce some of my surplus stock, to make room for newer varieties, as well as some very promising seedlings, I am forced to dispose of the following Dahlia tubers, in many cases at less than one-half their real value, and with a GUARANTEE that has never been equaled by any other grower. Every tuber is GUARANTEED to be sound, as well as true to name, and to be free from the slightest sign of any disease, and to be full of Life, Vim and Vitality, or I will gladly refund twice the value in cash, or other stock, your choice for any found to be otherwise. How is that for a GUARANTEE? Orders will be booked as received. Order now so as not to be disappointed later.

Eugenia\$1.00
Florence Klein 1.50
Frank Galvin 1.50
Griffen 1.00
Harry Mayer 1.00

J. S. Miller\$1.50
Jane Cowl 1.00
Jove 1.50
Kentucky 1.50
Marion George 1.50

Marmion\$1.00
Mrs. A. G. Hull 1.00
Mrs. William A. Evans 1.00
Nellie Knapp 1.00
Q. of Garden Beautiful 1.00

Any 6 of the above, your choice, for \$4.00—all 15 for \$9.00

Avalon\$0.50
Calvin Coolidge, Jr. .75
Daddy Butler50
Frances La Rocca... .75
Jersey Beacon50
Jersey Ideal75
Jersey Jewell75

Margaret W. Wilson ..\$0.75
Marshall's Beauty 1.00
Marshall's Blue Gem... 1.00
Ohio Glory 1.00
Oyster Bay Ruby75
Pappilon50
Patrick O'Mara50

Pride of Stratford ...\$0.75
Richeleau 1.00
Roman Eagle50
Roycroft50
The Choctaw50
Trentonian50
Uncle Sam50

Any of the above 6 for \$2.00—all 21 for \$6.00

Canteen\$0.25
Caumset Chief50
Dakota25
Elsie Burgess25
Flamingo25

Jean Kerr\$0.25
Jersey Beauty35
Judge Parker35
Le Toreador25

Mabel Thatcher\$0.25
Mrs. Carl Salbach35
Mrs. I. de Ver Warner .25
Sagamore35

Any of the above 6, your choice, for \$1.00—all 13 for \$2.00

Send for my descriptive price list, describing nearly 200 of the standard and newer varieties at prices that are more than reasonable. Sent free on request.

ALBERT PARRELLA

3350 ELY AVENUE, Corner 222nd Street

BRONX, NEW YORK CITY

CHICAGO INVITES THE WORLD

to Visit the Century of Progress Exposition and also the International Dahlia Show to be held in Chicago in 1933

Central States Dahlia Society Organized in Chicago to Sponsor the World's Greatest Dahlia Show, to be held in Chicago, under the Combined Auspices of all National and States' Dahlia Societies

Through the courtesy of the executive committee of the American Dahlia Society, we have the privilege to present to all Dahlia lovers, fans and growers throughout the civilized world, the good news that the efforts heretofore made by Mr. R. E. Berlet, of Chicago, Ill., to organize the World's Fair Dahlia Society on February 7, 1932, resulted in the perfection of an organization now incorporated and known as the Central States Dahlia Society, which has for its objects the encouragement of Dahlia culture and formation of Dahlia societies in the central States of the United States; to hold annual competitive prize Dahlia exhibits in the Chicago Metropolitan area and to print and publish bulletins and news items in book and newspaper form all kinds of matters pertaining to Dahlia and flower culture and in furtherance thereof.

At the first meeting, held in Hotel Sherman, R. E. Berlet was elected president; Walter Scott, John H. Lickert, E. M. Larsen and J. T. Fitchett, vice-presidents; F. R. Kleehammer, 3653 Diversy Avenue, Chicago, secretary, and Charles A. Lautenslager, treasurer. The society starts with thirty charter members and invites every Dahlia fan in Illinois, Indiana, Wisconsin, Michigan, Ohio, Kentucky, Missouri, Iowa and Minnesota, as well as other central States to join in this great movement.

The dues are \$1.00 per year to those who are members of the American Dahlia Society; \$2.00 per year to those who are not members of the American Dahlia Society, and \$5.00 per year to commercial Dahlia growers. Membership fee includes eighteen months free subscription to the American Dahlia Society quarterly, also free subscription to the Central States Dahlia Society News, a publication issued monthly during the Dahlia season. Every Dahlia grower or amateur is invited to use the columns of the latter publication. Complete reports of the meetings of the Central States Dahlia Society will be published in the American Dahlia Society quarterly.

The Central States Dahlia Society, of Chicago, will hold its first all Dahlia show in Chicago, presumably at Hotel Sherman, on September 17 and 18, 1932. Mr. Walter Scott, of 74 S. Fifth Avenue, La Grange, Ill., is chairman of the committee in charge and he would like to hear from all possible exhibitors as soon as possible.

The Central States Dahlia Society will also sponsor the International Dahlia Exhibition, to be held in the

Agricultural Building, in connection with the Century of Progress Exposition, in Chicago, Ill., in 1933. Father H. Oswald, of Mission Gardens, Techny, Ill., is chairman of this very important committee, and it is suggested that it is not too early to make arrangements at once. The Century of Progress Exposition officials have assured the committee hearty support and co-operation, and an opportunity presents itself to the Dahlia world to put on the greatest show ever.

It is believed that the middle western states is a very fertile field to encourage Dahlia culture and that Chicago is the logical center for such an organization as the Central States Dahlia Society. The officers are men of both business and great horticultural experience and have an abundance of enthusiasm and good will and are ready to give a helping hand to all persons interested in this wonderful movement. Understand that this is not a money-making proposition in any manner, but merely an organization of good men and women who desire in a friendly spirit to compete with one another in the production of nature's wonder flower—the Dahlia. This was exemplified by the generous offers of valuable roots of the members of the society and non-member commercial growers who have volunteered to give many valuable Dahlia roots as prizes to our first show.

The society is looking for a proper slogan in connection with propaganda to popularize the Dahlia and is offering six roots each of some of the very best and high-priced Dahlias donated by its members for the first, second and third best slogans submitted by any Dahlia fan before May 1st.

Over \$250 in Dahlia roots have been donated by Dahlia growers as prizes for our first show, besides other valuable prizes and awards. Every member of our society is requested to participate in this show.

Mr. E. M. Larsen, of the Wisconsin Dahlia Society, is one of our vice-presidents. The Central States Dahlia Society would like to hear from all societies organized in the midwestern States and ask their kind co-operation in our movement. We would also like to hear from Dahlia fans and growers not affiliated and invite them to our membership.

The next meeting of the Central States Dahlia Society will be held Sunday, April 3, 1932, at Hotel Sherman, Chicago, Ill., at 2:30 P. M., at which time arrangements will be perfected in connection with the Chicago Dahlia Show and also that of the World's Fair Show, in 1933. All are cordially invited.

F. R. KLEEHAMMER, *Secretary*,
3653 Diversy Avenue, Chicago, Ill.

PRIZE WINNING DAHLIAS

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Dahlia Fertilizer Experiment at the Connecticut Agricultural Experiment Station

By M. F. Morgan

For four years the Soils Department at the Connecticut Agricultural Experiment Station in New Haven has been conducting fertilizer tests on several vegetable crops in a series of small concrete-walled plats containing soil which was thoroughly mixed to obtain uniformity when the experiment was started in 1927. The soil was obtained from an old field which had not been fertilized, manured or limed for many years, and consequently was producing only a sparse growth of broom sedge, cinquefoil and dewberry vines. During the four years of vegetable experiments, crop yields on this soil showed the following results, the yield which was completely fertilized and limed being computed as 100:

	Complete Treatment	Lime Omitted	Nitrogen Omitted	Phosphoric Acid Omitted	Potash Omitted
Beets .....100	0	70	90	56	
Onions .....100	5	77	76	32	
Celery .....100	0	79	26	71	
Spinach .....100	1	32	18	91	
Sweet Corn 100	75	59	94	95	
Tomatoes ...100	88	59	28	96	
Lettuce .....100	13	43	23	92	
Peppers .....100	22	56	62	53	

From the above results it is seen that this soil is so acid that all crops except sweet corn and tomatoes were practical failures where lime was omitted. Marked response to both nitrogen and phosphoric acid was experienced with most crops. Three of the eight crops grew poorly without potash.

In the spring of 1931, these plats were set to Dahlias, of the Jane Cowl variety, using root cuttings sprouted in moist sand before transplanting. The plants grew satisfactorily, and were free from mosaic or insect troubles. A moderate amount of burning back of the lower leaves was experienced during the very hot weather in the early fall period. All blooms were picked and measured when fully developed. After the first killing frost, the tubers were dug up and weighed. The plants on the more complete fertilizer treatments produced as many as 27 flowers per plant, averaging nearly seven inches in diameter. Several blossoms measured more than eight inches in diameter, with good strong stems. Yields of flowers were computed on the basis of total bloom area.

The following table shows the results on the various combinations of treatment:

Dahlia Yields, 1931

(Completely fertilized and limed=100)

Treatment	Bloom	Tubers
Complete fertilizer and lime.....	100	100
Complete fertilizer unlimed.....	83.3	85.2
Nitrogen and potash, limed.....	66.4	87.9
Nitrogen and phosphoric acid, limed...	93.7	85.2
Phosphoric acid and potash, limed....	31.4	59.9
Nitrogen and potash, unlimed.....	20.3	34.5
Nitrogen and phosphoric acid, unlimed	78.9	43.9
Phosphoric acid and potash, unlimed..	35.8	78.8
Nitrogen, limed	61.4	61.8
Phosphoric acid, limed.....	42.6	58.2

Potash, limed	43.9	62.9
Nitrogen, unlimed	6.8	19.0
Phosphoric acid, unlimed.....	56.1	50.6
Potash, unlimed	46.1	65.4
No fertilizer, limed.....	34.1	49.4
No fertilizer, unlimed.....	41.6	52.6

The results of these experiments indicate that Dahlias are not as responsive to lime on a moderately acid soil as most vegetable crops, when a complete fertilizer is used. However, when phosphoric acid was omitted in the fertilizer, and nitrogen was applied, omitting lime resulted in a practical failure. It is also interesting to note that while the omission of nitrogen greatly reduced the yield on all limed treatments, the unlimed plats without nitrogen were less seriously affected. This is due to the increased acidity which has developed on the unlimed soil as a result of the continued use of nitrogen (in the form of urea) during the past five seasons. Soil tests during the blooming period show the following average results:

Unlimed, no nitrogen.....	5.40 pH
Unlimed, nitrogen	4.85 pH
Limed, no nitrogen.....	6.75 pH
Limed, nitrogen	6.25 pH

The effects of excessive acidity on the unlimed nitrogen-treated plats were less injurious when phosphoric acid was applied. This may be attributed to the partial correction of the toxic aluminum on this very acid soil.

Nitrogen was the most important fertilizer ingredient, in increasing yields, when it was used on limed soil.

Phosphoric acid was very effective in increased flower production on both limed and unlimed soil, more particularly on the latter, probably for the above-mentioned reason.

Potash was the least important of the treatments, although it was relatively more effective in increasing yields of tubers than in the case of flower production. However, it must be recalled that this soil gave no very definite potash response with several of the previous crops.

There was no evident difference in color, perfection or keeping qualities of the flowers on any of the treatments used.

It is to be noted that none of these plats has ever been manured and that the fertilizers have been applied in chemically pure form as urea, phosphoric acid and potassium acetate, thus corresponding to the use of fertilizers of highly concentrated analysis. The amounts of the fertilizer ingredients used were as follows, per 100 plants:

- 1 lb. nitrogen, equivalent to 5 lbs sulfate of ammonia.
- 2 lbs. phosphoric acid, equivalent to 14 lbs. superphosphate.
- 1 lb. potash, equivalent to 2 lbs. muriate of potash.

This experiment was not designed to show the probable value of more or less of these ingredients, or the proper form in which they could best be used, or whether or not manure would have been beneficial, in addition to the chemical fertilizers. However, it does indicate that if the soil is strongly acid, lime is beneficial, and that nitrogen and phosphoric acid were relatively more important than potash on the soil used in this investigation.

Catalogues Received, 1932

We hereby express our sincere appreciation to the following growers for their thoughtfulness and interest in the welfare of our society, by printing an invitation in their catalogue to join the American Dahlia Society. These notices are one of our best sources of publicity for obtaining new members.

Allen Dahlia Gardens, Craig, Missouri. Price list offering about 120 of the very best modern standard Dahlias.

Albert Parrella, 3380 Ely Avenue, Bronx, New York. Descriptive list of 175 of the most modern up to date Dahlias. This list shows great care in selecting the most popular varieties.

Alice Meussdorffer, 487 Hanover Street, San Francisco, California. Beautiful large catalogue showing in fine illustrations: Kaweah, grows to 15½ inches. Fuchsia rose color. A great prize winner. Rosalind Kuep, 12 inch pink decorative. Alice Meussdorffer, a glowing scarlet. Gladys Young, I. D., yellow. Ingomar, rich red. Stephen Mather, I. D., pinkish cinnamon. They are all of mammoth size and prize winners. Many other new varieties are listed.

Bolsa Dahlia Garden, Mill Valley, California. Catalogue specializes in a fine line of pompon and miniature Dahlias. Six new pompons of exceptional merit are: Donny, Elsná, Honey, Lina Dell, Sunny Jim, Silver Tips. A large assortment of standard pompons is offered at reasonable prices.

Carl Salbach, Woodmont, Berkeley, California. This magnificent catalogue, one of the best we have ever seen, will appeal to both Dahlia and Gladiolus lovers. In the latter, color plates show Betty Nuthall, Carl Salbach, Salbach's Pink and others in natural colors. A long list of the best standard glads follows. In the Dahlia section Ambassador, El Granada, Faith Garibaldi, and Starlight are shown in true colors. All the choicest newer standards are listed. Mr. Salbach offers \$50 in prizes for best Dahlias grown from seed purchased from him and exhibited at the 1932 A. D. S. show. Dahlia seed is offered at reasonable prices.

C. Louis Alling, 251 Court Street, West Haven, Connecticut. Catalogue offering six new introductions: Molly Shepard, American Legion, Edith Sanborn Simon, Ray Warner, Rotary, and Teddy Johnson. A complete line of most modern standard varieties are listed with description and prices.

H. R. Chapman, Allendale, New Jersey. Complete catalogue of best new varieties: Janet Southwick, Amy Martin Garden, Frances Earle, and Cora Butterworth, are illustrated by fine cuts. A large assortment of new Dahlias are offered.

Chemar Dahlia Gardens, Oyster Bay, L. I., N. Y. This well known producer of some of the most popular varieties, is sending out a well arranged and comprehensive catalogue of their new and older varieties of Dahlias. Among their new ones are Burnett's Rose, Chemar's Autumn, and City of Jackson. Complete line of new productions of other well known growers. Several pages are devoted to some excellent cultural directions. Mr. Marsh generously devotes a whole page to information about the American Dahlia Society. California seed is also offered.

Curtis Redfern, Lincoln Manor, California. This catalogue confines itself to about 100 of the latest and best Dahlias up to the present time. Four new ones of their own are offered, viz.: Nancy Redfern, Jenny Lind, Bagdad, and Yosemite. (Two of these we tried last year and found them fully up to claims made for them.) Quite a line of the new imported "Charm Dahlias" are listed. Nancy Redfern and Jenny Lind are illustrated. We thank Mr. Redfern for inviting his readers to join the A. D. S.

Dahliadel Nurseries, (Warren W. Maytrott), Vineland, New Jersey. This fine catalogue of 68 pages might truly be called a guide to Dahlia culture. Throughout its pages will be found much information regarding the culture, soil, insect control, the science and principle of disbudding to produce exhibition Dahlias is shown by special cuts. A half page entitled "Doings of the American Dahlia Society," is also printed.

Dahlias Dwight W. Morrow, Thomas A. Edison, and Treasure Island are shown in natural colors. New introductions are Aiko (Maytrott), Rotary (Cottam), Sonny Masson, The Commodore, and several others. Fine half page plates show many outstanding varieties. Frau O'Bracht and Karl Bonawitz are specially commended. No better guide to modern Dahlias could be obtained.

Dudley's Dahlias, (Quetzal Dahlia Gardens), 530 North Columbus Avenue, Mt. Vernon, New York. This catalogue features thirteen new originations by Herman Rindfleisch whose many high grade productions are still listed in nearly every catalogue. For 1932 are offered: Helen Reed, Mrs. C. Gordon Trenery, Edward B. Fernschild, Wanda La Rocco, Moonmist, Miss Ruth Patterson, Edward Rindfleisch, Emma Rindfleisch, Mrs. Walter Otto, Viola Fernschild, Purple Beauty, Mrs. Jane Cornell. Also Alice Stellic is shown in true bi-colors.

A large list of prize winning Dahlias follows, quite moderately priced. We are indebted to Mr. Dudley for the fine boost for the A. D. S. printed therein.

Derring-Do Dahlias is the title of Fred Dixon's new copyrighted Dahlia catalogue. In it will be found many novelties of exceptional merit, including two of his own, "Perk," a new dark red, and Mrs. John Metzger, a new white. His own productions: First Lady, Asbury Park, Champoege, Penn Charter, Will Rogers, and 25 other new productions by various growers; 25 pages are devoted to the very best modern exhibition Dahlias. A half page is devoted to an invitation to his patrons to join the A. D. S. Some fine collections are offered.

Dayton's Dahlia Gardens, (Dayton W. Bond), Tallmadge and East Park Avenues, Akron, Ohio. Own productions are: City of Akron, Mrs. Dayton Bond, Rose Beauty, Alice Fay Bond, followed by a large list of new Dahlias and a general complete line of best standards, quite reasonably priced. Mr. Bond devotes a space to information about the A. D. S.

Edgar W. Darling, 212 Washington Street, Fairhaven, Mass. Is out with a fine large catalogue, printed on fine heavy paper. New importations from Germany include Frau von Brancani, Fritz Kuhn, J. Siekmann, Ed. Steffin, and Rektor Forster, also the new American introductions, a very complete line. Several pages are devoted to gladiolus.

Excell Dahlia Gardens, (Orman P. Roach), 113 Empire Street, East Lynn, Mass. A small but excellent list of most modern Dahlias.

Fisher & Masson, Trenton, New Jersey. This beautiful catalogue is really a work of art. Beautifully printed on fine heavy paper. Cover bears a gold reproduction of the A. D. S. gold medal won at New York show. Many fine illustrations of modern Dahlias are shown. Their new introductions for 1932 are: Carolyn Thill, Dr. Harry Howard, Diana Bourbon, Lavender Beauty, Navajo Chief, Mrs. John Packard. Also Myra Howard, American Legion, Floyd Gibbons, Janet Southwick, Jean Keefer, Sonny Masson, Meadowbrook, The Commodore, and a large list of the choicest of new exhibition and garden Dahlias. Four very attractive collections are offered. The list includes pompons and miniature Dahlias now becoming very popular. It is a good book to have.

Fraser's Dahlia Gardens, (George W. Fraser), Willimantic, Connecticut. In their catalogue they offer three new Dahlias: Thames, Fair Harbour, and F. A. Parker. Six 1932 novelties from other growers: American Legion, Carolyn Thill, Girl of Hillcrest, Janet Southwick, Murphy's Masterpiece, and The Commodore. A long list of other tested varieties follows. At the prices quoted this would seem this would be an attractive list to select from. Mr. Fraser prints a cordial invitation to his patrons to join the A. D. S.

F. W. C. Almy, Tiverton 4 Corners, Rhode Island, sends us an excellent list of his popular varieties. Three new seedlings are described: Supreme Monarch, Exquisite, and Royal Glory; 22 pages are devoted to a complete line of modern popular exhibition Dahlias.

Golden Rule Dahlia Farm, (Harley T. Peck), Lebanon, Ohio, sends us their catalogue which, as usual, contains a revised list of Dahlia ratings, giving a complete table of the most suitable varieties for the central states. This tabulation is included in their fine catalogue of 34 pages. First are listed four new introductions: Carolina Orange, Buckeye Peach, Red Oak, Yellow Aster, Mary Baker, followed by a general list of modern varieties from many sources. Prices throughout the catalogue appear very reasonable, quality considered. On the back cover is an A. D. S. notice, for which we thank Mr. Peck.

H. J. Welcher, 108 Grant Street, Newark, New York, sends us a neat pamphlet offering many standard varieties at from 50 cents up. A chance to fill the garden with fine flowers at small expense.

J. E. Hulin, (Cottage Grove Dahlia Gardens), 5964 24th Avenue, S. W., Seattle Washington, sends us a pamphlet catalogue describing over 200 of their modern standard Dahlias, reasonably priced. A collection of 25 fine varieties are offered for \$4.00. This offer looks good to us. Mr. Hulin kindly devotes the back cover to the A. D. S.

Kit Garden, 9 Irvington Street, Springfield, Mass. A fine little catalogue with an attractive silver cover. The assortment is not large, but varieties show good selections. A special feature is their new I. D. Barbara Kitson, a fine orange tone.

N. Harold Cottam & Son, Wappingers Falls, New York. This excellent catalogue shows a color reproduction of their new Dahlia Rotary. It is a bi-color now so popular. It was quite a sensation at New York show last fall. Another is Clinton Travis that deserves a place in every garden. Other new ones are: Mrs. Florence Coolidge, Gertrude Mae, and City of Poughkeepsie. A complete line of best standards is offered. Mr. Cottam devotes the back cover to the A. D. S.

Mastick Dahlia Creations is the title of a very fine catalogue sent by M. G. Tyler, 1660 Denver Avenue, Portland, Oregon. Some of their new productions are shown in full page cuts. Jessica Millard, Martha Howes, Rob Roy, are all new. Lorelie, Arthur M. Hyde, St. Helens Mist, are also shown. Some late importations and a full line of best standards are offered.

Robert F. Haussener, 223 East Central Boulevard, Pallasades Park, New Jersey. Pamphlet of 75 Dahlias at prices from 25 cents to \$5.00.

Springside Dahlia Gardens, New Hamburg, New York. Catalogue offering about all worthwhile new Dahlias. Their selection is excellent. Five good collections are offered. A. D. S. invitation to join is prominently displayed.

'Nother Dahlia Patch, W. W. Harshman, Forest Manor, Indianapolis, Indiana. Judging from the list sent us we would say that the varieties offered are good stand-by's to fill up the garden with cut flower varieties and exhibition Dahlias as well, at a nominal price.

Rusehmohr Dahlia Gardens, 52 South Kensington Avenue, Rockville, Centre, L. I., N. Y. Published an excellent catalogue of desirable varieties. Some new ones are: Meadowbrook, Patricia Ann, City of Wellston, Frederick W. Church, Josephine. Mr. Mohr has been a consistent first prize winner with his fine Dahlias at New York and other shows. The varieties he lists are outstanding and can be relied on as satisfactory. This list practically verifies the list of most popular varieties compiled by the secretary of the A. D. S. and printed elsewhere in this issue. Our thanks are due Mr. Mohr for devoting inside cover to A. D. S. Bulletin notice.

Will Hookway Dahlia Gardens, R. No. 1, Creston, Ohio. Folder listing about 150 new and standard Dahlias. They range in price from 35 cents to \$15.00. Include Dahlias for every purpose: garden, cutting, exhibition, most anything wanted will be found. Includes A. D. S. notice.

Success Dahlia Gardens, (Charles G. Reed), 171 Ferry Street, Lawrence, Mass. One of the characteristics of Charlie Reed is to be a leader. His catalogue shows it throughout. He has brought on more good

Dahlia from California than any other person. Margaret Broomall, Eagle Rock Fantasy, Eagle Rock Superba, and many others from everywhere. While the best of other late productions are listed, still much will be found in this catalogue, not found elsewhere, so it will be well to send for it. A page devoted to the A. D. S. and trial grounds are interesting reading. Several pictures of the redoubtable Charlie appear also.

Stone Street Gardens, 5 Stone Street, Beverly, Mass. (M. F. Heapy.) A neat pamphlet listing 13 varieties of Dahlias of their own production. Among them Rothchild, Norman Ganley, Sinba, Flame, Tercentary, Walter Blake, etc. Some new standards are also offered.

Wakeman Gardens, Southport, Connecticut. Mrs. Sarah Wakeman Wood needs no introduction to the Dahliaists. A consistent prize winner at New York and other shows for several years. Her keen instinct for selecting first prize winners is reflected in her catalogue. Prize winners can be selected from very moderate priced varieties, if one knows which they are. This catalogue offers a chance for wise selection. We thank Mrs. Wood for devoting the outside cover to the A. D. S.

Lack of space prevents printing full description of many other catalogues. We give their new novelties by name. All carry a line of standard Dahlias.

Albert A. Brown, Norwalk, California. Dahlias, delphinium and Dahlia seed.

Ballay Dahlia Gardens, Palo Alto, California. New introductions are: Fury, Full Moon, Montalvo, Narcissa, Pekin, Satan.

Bessie Boston, San Mateo, California, offer 24 new Dahlias: Auntie, Autumn, Burlingame, Capistrano, Caresse, Carmelo, Celestial, etc.

Bennett K. Matlock, Bridgeton, New Jersey. List of standards, collections.

Charles A. Beatrice, 630 South Main Street, Sharon, Mass. List of standards.

Chautauqua Dahlia Fields, Bemus Point, New York. New, Chautauqua Sunset, Chautauqua Sunshine, Osiris, Twilight. Good line standards.

I. M. Colvin, Princeton, Indiana. A strong collection of standards and glads.

Craig Road Gardens, R. F. D. 7, Box 1293, Portland, Oregon. Sixteen page catalogue offering a complete line of modern Dahlias.

Dixie Dahlia Garden, (W. H. Kennedy), 1101 Lawrence Avenue, Nashville, Tennessee, sent out a list of about 300 newer standards.

R. C. Ferguson, 230 Clayton Street, Wilmington, Delaware. Small list of select newer standards.

Frank D. Pelicano & Sons, San Francisco. Standard Dahlias.

Fenwick Gardens, Salem, New Jersey. Lists about 90 good standards.

Frank's Dahlia Garden, 160 Talbot Drive, Bedford, Ohio., specializing in the newer standard Dahlias. A very complete list, attractive prices.

Goodacre, A. G., Gardena, California. Folder offering their famous Dahlia seed in various combinations, either by color or by type of flower. List of varieties from which seed is obtained is given.

H. H. Robens, 19 Hall Avenue, Chagrin Falls, Ohio. List of 100 of the latest popular Dahlias. A good list to select from.

Hillcrest Roseries, (Roy Mickle), Progress, Pennsylvania. Folder listing high grade Dahlias, roses, peonies and gladiolus.

Iroquois Dahlia Gardens, (John Toth), Box 12, Fairfield, Connecticut. Folder listing: Aristocrat, Golden Beauty, Miss Wallingford, Iroquois Chief. 1932 productions. Also general list of standards.

Jessie L. Seal, 607 Third Avenue, San Francisco, California. Catalogue listing 10 new 1932 Dahlias: Diablo, Edith Whitaker, Eleanor Morgan, Full Moon, Lucy Ann Whitney, Montavio, Mrs. Woodford Spears.

J. F. Cordes, 2038 Cloverfield Boulevard, Santa Monica, California. New 1932 introductions: Clair De Lune, Laurene Stockwell, Edward Hunt, Alice Boss, American Legion, Marquita. Also high grade seed.

McLeod's Dahlia Gardens, 564 Halliday Street, Seattle, Washington. List of newer standards, seed and Dahlia collections.

Lee's Dahlia Gardens, University Place, R. 5, Box 600, Tacoma, Washington. A fine catalogue of new and standard Dahlias of real merit. Besides the general list they offer four new ones: Fort Lewis, Lee's Perfection, Night King, Oh Gee.

Logan Dahlia Gardens, 321 30th Avenue, San Francisco, offer two new miniature Dahlias: Pelicana and Mabel Burnau.

Maryland Dahlia Gardens, Wyndhurst and Lawndale Avenues, Roland Park, Maryland. 1932 catalogue offers a complete line of newer Dahlias. Well described and rightly priced. The selections are particularly good to choose from. Full description of each variety is given. Three new ones are Maryland's Orange, Maryland's Glory, and Maryland's Jubilee.

Owl Creek Dahlia Farms, Mt. Gilead, Ohio. Wholesale list.

Patricia Dahlia Gardens, 351 Maude Avenue, San Leandro, California. Catalogue, extensive line of standards. New creations are: Mrs. C. C. Reed, Western Sunset, Dr. W. Stowell, Alice Reinhart, Col. Luther Michael.

Rockleigh Gardens, San Diego, California. Seed offerings.

W. W. Kennedy & Sons, Red Bank, New Jersey. A fine catalogue, bound in heavy cover. A large list of newer introductions include about all the best. Also complete line of standard varieties. A general list of hardy perennials offers a full line to select from.

William H. Shorey, 815 3rd Avenue, Seattle, Washington. Catalogue listing a number of very fine prize winners of their own production. These are priced very reasonably. All are prize winners. A general collection of standards is offered.

Salem Dahlia Gardens, Salem, New Jersey. Wholesale list.

Strasen Floral Gardens, Austinsburg, Ohio. General list of modern standards.

Tivoli Dahlia Gardens, (H. Von Issendorf), 1336 48th Avenue, San Francisco, California. Catalogue of best newer standard Dahlias. Popular prices.

Waite's Gardens, Inc., Eatontown, New Jersey. This well known grower and producer of so many of our very best Dahlias, is sending out a fine catalogue of the best known varieties in commerce. Some 1932 introductions are: Chappaqua Cheifition, Cynthia, Hallow'en, Jersey's Melody, and Richmond, Cardinalis, Captain Coste, Jean Trimbee, Jersey's Triumph, Mabel Dougals, Tarrytown, are shown in fine large cuts. Gladiolus are also offered in great variety.

W. W. Wilmore, Box 382, Denver, Colorado, issues a splendid catalogue of 36 pages. New originations in Dahlias shown in splendid cuts are: Mrs. Henry Sewall, Dr. Henry Sewall, Graustark, Edith Long, Wildemere, Kenneth Gilbert, Lost Gold, Pride of Fort Morgan, Cloudland Gem. A general list of standards and other flowers is offered.

Springhill Farm, R. F. D. 2, Grand Rapids, Michigan. Sends out a fine 26 page catalogue of the most popular, high grade, standard Dahlias. Prices throughout are such as enable one to fill out their garden requirements at a small outlay. About all the varieties in list made up by secretary of A. D. S. are offered in this catalogue.

SEEDSMEN'S CATALOGUES

Burpee's Annual Garden Book, 1932, W. Atlee Burpee Co., Philadelphia, Pennsylvania. This 160 page catalogue lists about everything needed for the farm and garden. The cover shows carnations, sweet peas, zinnias and vegetables in colors. Sixty pages are devoted to a description of their high grade vegetable seeds. Flower seeds and plants are a specialty with this firm. They maintain seed farms at Fordhook and in California, where they raise great quantities of sweet pea seed. Gladiolus are a specialty and all fine varieties are listed in the catalogue. Dahlias form an important part of their book. In addition to their own famous Fordhook varieties, many of the best recent introductions of other growers are listed. A new Burpee production is Dahlia "Atlantic City," a fine orange salmon formal decorative. The catalogue is sent free.

Gill Brothers, Portland, Oregon. Catalogue of a full line of flower and vegetable seeds. A group of pompon Dahlias in colors is on the cover, giving it a very attractive appearance. Many of our famous old time Dahlias are listed as well as newer standards.

Fraser & Son, Ltd., Pasadena, California, are sending out a fine catalogue devoted to their famous "Sun Ripened" California seeds. Asters, calendulas, pansies and many other seeds are offered. This firm is famous for its Dahlia and zinnia seed. On the cover of the catalogue are shown some beautiful zinnias, in true colors. Wonderful progress has been made in the last few years in improving this flower, until today they can scarcely be recognized as belonging to the same family. Special prizes are now being offered at flower shows and fairs for exhibits of zinnias everywhere. They are just the thing to fill up odd corners in the garden. Easy to grow. We strongly urge our readers to send for this catalogue and learn more about them.

Zinnias

There really isn't much to be said that is not known already about the superior quality of the California Giant Dahlia flowering strain of Zinnias. Few garden flowers have gained more of late years in popularity. As is the case in Calendulas with Ball's strain replacing all we had before, so have these Zinnias put all others in the background, not only in the home garden but also with the florist, and in sections where more or less trouble is experienced with Asters, they have taken the latter's place. We see them used also in floral arrangements of almost every description. The plants thrive in almost any kind of soil, and often even with hardly any care, produce fine flowers.

It's the delicate soft pink, salmon and old rose colors which are most in demand, and every retail grower should carry during Spring a good stock of plants of these Zinnias—plants in 2½ inch pots for those who can and are willing to pay for them, transplanted stock in flats with others coming on still later outdoors in frames, with the colors kept separate. Fine Zinnias can be grown by sowing directly outdoors, but if you sell annuals at all, for those anxious to have early flowers these Zinnias should be in as great demand as anything carried, but it requires three, four or more sowings in order to have good thrifty stock coming along.



GARDEN DIGEST

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Better Gardens, Better Dahlias and Better Days Ahead

By Charles G. Reed

When this BULLETIN goes to press we will all be planning our gardens and building our hopes of winning this and that prize at the hundreds of flower shows throughout our country. It is true that many of our growers have been depressed the past year or so, but still, if we have our good health, we are going forward and the past will be forgotten, as bitter as it may have been. It seems that both the amateur and the commercial growers have been in the same boat on the sea of depression and it takes courage to stand the gaff, but we must have hope for the future. There has been other depressions and yet it seems as a whole we have many things to be thankful for. The several Dahlia societies are making bigger and better plans for their coming shows and the American Dahlia Society is showing the way. We are expecting much from the mother society under the leadership of our new president, Warren W. Maytrott, and his committees, and I am sure they have the hearty support of all Dahlia growers. There are many things in our industry that must be adjusted to meet the present day demands of the buying public. It will no longer be quite so easy to tack on a price tag of from \$10.00 to \$50.00 on a Dahlia, unless it is more superior than those now on the market. Money in the past came easy and went just as easily, but we are now counting our pennies and are a bit more careful on what we purchase as to quality and price. I am sure that we are willing to pay the price if we are getting full value in return. The "goose that laid the golden egg" has been hard hit, but there is still time to save its life if the proper prescription is prescribed. The commercial growers are in a position to prescribe that prescription if they will. We must be a little careful on what we release and place the proper price on what is released, therefore giving the purchaser full value for every cent expended for Dahlia stock. Some commercial growers have tried to solve the depression problem by price cutting and this has failed; some have tried to keep their business by adding extras and this has failed to a certain extent. If full value was given on a purchase it is not necessary to give more than what is paid for. I can see no real harm to add some old variety as an extra to the amateur grower instead of junking it, and it will please the one who receives it, unless he has an up-to-date collection. I am wondering if we have not been a bit too anxious to judge a Dahlia on size more than beauty. When we see the monsters at the shows they are inspiring and no doubt are sales builders, but are they too large? I like the big ones, but still I do think I am changing somewhat when I see a medium size bloom with something new in the color line, something that is much different than the colors that we now have in the Dahlia family. I can see no reason for buying a new Dahlia at a good price if it is no different in color than a good old variety. I think that many of us place too much value on a first prize winner at some show, unless there was plenty of competition of high class Dahlias. I think that it would be well for reports of shows to state how many were in the class in reporting the winners. I know of many winners of first prize where there were only one or two entries and perhaps the quality of all were not up to the standard. It is misleading to the buying public to advertise a first prize winner where there was little or no competition. There are, of course, exceptions as the best Dahlia in the world may be the only one in a class. I do not blame the judges for this condition, as quite often the show committee instruct them not to be too severe in placing the awards, but this is harmful to the buying public if a first prize was won under these con-

ditions and is advertised as first prize winner at such and such a show, under such and such judges. This practice should be eliminated, in my opinion. The judges should have full power in placing awards, as by doing this they are helping the Dahlia industry as a whole. I urge the show committee not to hamper the judges in any way, but let them judge the flowers as they see them. If the flowers are not worthy of a prize they should not receive any. Leave it to the judges as they have a reputation to protect.

The Dahlia industry is no different than other kinds of business; they have all been hard hit, but it is no time to lose courage and quit. The world loves a fighter and it takes a fighter to succeed in these days of keen competition. If the weather conditions have caused hardships to the growers the past year or two, we are not going to let that be the means of us stop growing Dahlias; of course not. We must think at least that a better season is on its way and if we all do this we are going to forget the past. There is no such thing as "it can't be done;" we may think so and while we are thinking, along comes someone with a vision and does it. We have only to look at the past happenings of a few short years and see what progress has been made in every line of industry, and we as Dahlia lovers and growers have shared in the progress that has been made in developing the newer varieties, so that we all share in the efforts of those who have toiled to make our flower, the Dahlia, the leader in the flower world.

Our American Dahlia Society, as well as other societies, have had their difficulties, but with past experiences they will profit by failure, if any, and the flower shows of tomorrow will be more beautiful than ever before. This old world of ours is not going on the rocks by any means, but it takes clear-thinking people to avoid the obstacles that are found on every road to success, and it is up to every Dahlia grower to stand firm and give the best we have to do our full share in bringing about that better day of the future.

If we can give a helping hand to our society, or to someone who needs assistance, we at least will be trying to do our share in bringing about a change for the better.

We should be planning a better garden, and this means buying a few of the newer varieties, and there are many this season. We should give our local flower show our full support and if there is no such thing as a flower show in your locality, what would be better than you, my dear reader, to get a group of flower growers together and plan a fall show? You will be surprised how the folks do fall for a flower show in the home town. The cost will be very little and I know of nothing that will create a greater impression or advertise a community more than a flower show. I know of many new flower shows put on only last fall and every one was a success, and plans are now being made for better shows this fall. If I can be of any assistance to those who wish to put on a flower show I will do my part to help you in your plan. May we all have a renewed vision of the better days and years before us and let us all measure up to our responsibilities no matter what they may be, and if we do, our own tasks will be much easier to accomplish.

Lied to the Last

Here lies a lawyer,
Laugh, if you will,
In mercy, kind Providence
Let him lie still.
He lied for his living,
He lived while he lied,
When he couldn't lie longer
He lied down and died.

Bulbs, Corms, Tubers, Roots and Cuttings

By Dr. Clyde R. Jeffords, Jamaica, N. Y.

When a Dahlia clump is divided, what are the parts? If the new crop of catalogues is a reliable criterion, Dahlia growers are far from unanimous in their conceptions of the real nature of their merchandise. Some say bulbs, some tubers, some roots, and a few mention cuttings.

From a scientific viewpoint, the classification is simple enough and unquestionable. Spermatophytes (seed-bearing plants) generally consist of two clearly distinct parts. The portion above ground is the stem, carrying leaves and flowers. The underground portion is usually the root, adapted simply for the absorption of nutrition from the soil by means of osmosis through the root-hairs. Perennial and semi-hardy plants frequently store up food for next year's growth in either stem or root. These modified, enlarged storehouses may be either bulbs, corms, tubers, rhizomes, or tuberous roots.

A **bulb** is a sort of flattened, condensed stem, having a disklike base, from whose lower side roots spring. On the upper side we find concentric rings of short, fleshy, modified leaves, having in the center the flower bud whose development will produce the true stem, leaves, and flowers later. Onions, tulips, hyacinths, daffodils, and lilies are typical bulbs.

A **corm** is similar to a bulb, but has a solid body instead of concentric rings of shortened, thickened leaves. The gladiolus and the crocus produce typical corms.

A **rhizome** is a prostrate, thickened stem, usually spreading horizontally on the surface of the ground. The iris has a typical rhizome.

A **tuber** is a thickened, fleshy, underground stem, often produced at the end of a string-like root called a stolon. Like all stems, it has buds or "eyes," from which leaves and flowers may grow. The common white potato is a typical tuber. The so-called "sweet potato" is neither a tuber nor a potato, but a thickened root of the yam family. It has no "eyes", like those of a true potato, but possesses, in common with many roots, the power of producing "adventitious buds", from which true stems may grow.

Roots are generally distinguished from stems by their lack of true buds or leaves, and by the presence of a rootcap, a hardened point by which the root forces its way through the soil. Many roots serve as storehouses for plant food, in the same way as the thickened stems mentioned above. These roots are then called **tuberous** or **tuberculate** roots and are often confused with true tubers, which are not roots, but stems. Dahlia roots are in this class, tuberous roots swollen with the storage of plant food, but having no buds capable of producing a new plant. For this reason they are not bulbs or tubers in the strict scientific sense.

A **cutting** is a section or segment of a stem or a root, capable of producing a new plant. Stem-cuttings are the most common kind, as they contain buds which promptly develop stems and roots when afforded conditions favorable for growth. Geranium "slips" are a common example of this type of stem-cutting. Many roots also, such as those of the blackberry, poppy, and horseradish, will produce complete plants when divided and planted properly, and these are known as root-cuttings.

In common gardening parlance, however, when we speak of a Dahlia root we mean a root with a portion of stem-cutting attached. Without this little piece of stem, containing a bud, the Dahlia root would not produce a new plant. The stem-cutting, if it contains a bud, growing or dormant, will produce a new plant if properly handled, even if no root is connected with it. The attached root simply provides a supply of easily assimilated food to give the young plant a rapid start until it can develop its own roots.

It is obvious, then, that Dahlias are not propagated by bulbs, tubers, or even roots, but by stem-cuttings, with or without an attached root.

Since the Dahlia, queen of flowers, does not produce bulbs or tubers, there is no reason why clump divisions should be called bulbs or tubers. On the other hand, since a piece of root generally goes with the stem-cutting, there is no great objection to calling this combination of stem-cutting and root a root, so long as the buyer understands clearly that the important things is not the root, but the bud on the attached stem-cutting.

An Antidote for Our Modern Hectic Living

By Glenn T. Mack, The Dahlia Society of California

One of the finest antidotes for the complexities, artificialities and demands of our modern hectic civilization may be found in the cultivation of the soil. Dahlia culture offers practically year-round opportunities for indulging in this glorious physical, spiritual and aesthetic avocation. From the planting of the seed or root to digging of the roots is a yearly cycle. An increasing number of people are finding added zest to living in their yards.

The real gardener hurries to his joyous work as soon as the day's task is done. On holidays he is found there at dawn. There is much to be done in the spring. Ground must be dug; roots divided and stored; catalogues searched for new varieties of merit and the garden planned for the coming year. The Dahlia furnishes a wealth of bloom in summer and fall but something should be done to bring bloom and interest to the garden in the winter months. Where winters are severe this is impossible, but to a Californian a barren back yard during the winter is inexcusable.

If one is particularly partial to bulbous plants they may be had for the entire year: snow-drops, narcissus, tulips, hyacinths, daffodils, and jonquils for the first three months, soon followed by iris and watsonias. In summer and fall of course are our best growing seasons. Blooms of the Dahlia may be augmented by tiger-lilies, lily auratum, lily regal, tigridas and montbretias. The muchly desired color blue is found in the wonderful hybrid delphiniums. And then the glorious summer display of gladioli! If planted in succession blooms may be had the entire year in California.

Within recent years rock gardening has grown tremendously in popularity because (1) hundreds of species, including sedums, echiverias, ephorbias, aloes, haworthias, messembrenthemums, and cacti may be grown in a comparatively small space; (2) the plants are interesting and attractive whether in bloom or not; (3) their forms and colors are often unusual; (4) they require comparatively little attention and for the Dahlia grower, will grow in the corner or next to the fence where they do not interfere with his open sunny location. Building rockeries in corners eliminates the undesirable angular effect often noted in small gardens.

A host of annuals and perennials may be grown, giving continuity of color to the garden throughout the year. Many exquisite climbing roses may be grown on the fence or a wind break.

A garden offers a splendid opportunity for self expression. One may not have ability in music, art or literature, but an aesthetic urge can be satisfied and an appreciation of nature may find expression in the planning of a garden and growing flowers well in it. Gardening as a hobby brings health, happiness and quiet content. Truly a home garden Dahlia grower who leaves his garden bare during the winter months is not availing himself of the pleasure to be had by growing other flowers.

Meant Well

No doubt the grower intended that the following guarantee be made in every good faith, but his expression left at least something in doubt.

We find in a certain catalogue, which shall so far as this mention be concerned, forever remain unnamed, the following guarantee:

"If on any of my bulbs you find one scab, I will gladly send you two more."

World's Fair Dahlia Show

The Central States Dahlia Society secured the concession for the display of Dahlias at the "A Century of Progress" (the official name of the World's Fair of Chicago, 1933). Ample and suitable ground will be put to the disposition of the society in order to show the possibilities and the ornamental value of the Dahlia. Such a planting, if properly done and kept up, should have an immense influence on the popularity of the Dahlia not only in the central States, but anywhere in the U. S. A., and even abroad.

The site of the planting is very favorable, being right close to Lake Michigan with its cool and moist air. Experience all along the shore of Lake Michigan has shown that Dahlias develop much finer than farther inland.

An exhibitor will have permission to attach his name and address to his planting, which will give quite a publicity, especially among the visitors from his own State. Dahlia originators will be especially welcome to put their achievements before the public. Proper care and growing conditions will be provided by the society. No profit in any form will be expected by the society, only expenses must be covered by exhibitor, which probably will be less than what is charged by the Dahlia trial grounds.

The exhibit being a World's Fair everybody interested in the planting of Dahlias will have an even chance. Suggestions are welcome.

Send us your application for display ground and state how many Dahlias you intend to exhibit. This will make possible a proper survey. Closing date for your application is thirty days after publication of this announcement. No obligation is connected with the application. A circular giving further details will be sent to all who express their willingness to exhibit.

(Rev. P. Oswald (Chairman Exhibition Committee), Techny, Illinois.

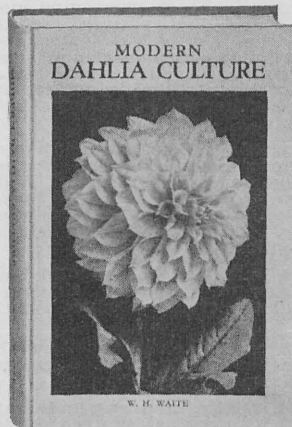
Yours for more beautiful Dahlias.

THE CENTRAL STATES DAHLIA SOCIETY.

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Originator of Jersey's Beauty



A practical and instructive Dahlia guide for the amateur giving full details of soils and fertilizers, propagation by all methods, including hybridizing, care and culture, pests and diseases, storing and shipping roots, botanical features, varieties and classification, Dahlia societies and shows.

This edition—the third—has 134 pages, 24 halftones, (15 full-page) and 6 four-color plates and is bound in an attractive

blue cloth cover with a handsome jacket. Revisions include new varieties and the latest A. D. S. classification.

Price to members \$1.65, postpaid

William J. Rathgeber, New Haven, Connecticut



Join with us and enjoy the privileges of

The American Dahlia Society,

FORMED for the purpose of stimulating interest in and promoting the culture and development of the Dahlia; to establish a standard nomenclature; to test new varieties and give them such recognition as they deserve.

Our Quarterly BULLETIN contains much interesting information concerning our Trial Grounds at Conn. Agricultural College. Storrs, Conn. and at Maryland Agricultural College, College Park, Md. Articles by experts on diseases of the Dahlia and remedies. Reports of Judges at our big annual show. A Registration department for new Dahlias.

Members receive the Bulletin of the Society containing a large amount of information valuable to every Dahlia grower. Issued quarterly. January, April, July and October. Every member also receives a season ticket to our great Annual Dahlia Show held in September.

Enclosed find \$2.00 which includes membership dues for one year and subscription price of the Bulletin at one dollar per year. Please sign full name and address below. Make remittances payable to the Society, send to

The Secretary, Wm. J. Rathgeber, 198 Norton St. New Haven, Conn.

Name.....

Address.....

Town.....State.....

The Semi-Annual Meeting, March 15, 1932, Hotel Commodore, New York

The meeting was called to order by President Maytrott, at 4 P. M. There was a good attendance of Dahlia enthusiasts and a feeling of good fellowship prevailed the meeting.

The secretary read the minutes of the September meeting. Also stating that funds of the society were temporarily tied up by closing of bank, but assured prize winners that their premiums would be forwarded very shortly. He requested that members notify his office of change in address so addressograph plates could be changed.

The president then called on Mr. D. W. Hart, Chairman of Show Committee. Mr. Hart made an interesting address concerning the past show and stated that the next show would be held at the Hotel Pennsylvania, New York City, September 22-23, 1932. He said this move had been decided on earlier in the day by the executive committee and asked the hearty cooperation of those present to make this our best show.

President Maytrott responded by saying that I must commend the committee on the excellent work they have done in coming to a decision on date and place for next show.

Mr. Charles G. Reed made his report on Trial Grounds at Storrs, saying that there were 179 entries, 19 of which received certificates. Mr. Reed, with his

usual enterprise, staged an interesting feature here by having a prize drawing among those present for a number of his choicest Dahlia roots. Also said that the next Field Day at Storrs would be held Saturday, September 17th.

Mr. George L. Farnum talked on miniature Dahlias, saying that Prof. Patch stated that there was room at the trial grounds for a limited number of them—Dahlias with a limit of 7 inches would be an acquisition to the garden. Mr. Reed agreed that there should be a score plan for pompons and miniatures at the trial grounds.

Dr. Marshall A. Howe, of the New York Botanical Gardens, made an interesting address, saying on behalf of the Nomenclature Committee that he thought that there ought to be some provision whereby people could find out whether a proposed name for a Dahlia was in prior use. Secretary Rathgeber stated that he has a card index of nearly ten thousand names, which includes classification, name, and color, also year introduced. Dr. Howe suggested that Mr. Morgan T. Riley be added to Nomenclature Committee. President Maytrott said that by-laws permit only five members, but Mr. Riley would be added as soon as a vacancy occurred.

President Maytrott at this time appointed a Show Committee. Said committees are printed in another part of this Bulletin.

Attest,

William J. Rathgeber, Secretary.

JOIN THE NEW NATIONAL ZINNIA FLOWER SOCIETY NOW ORGANIZING

The wonderful progress made in the development of the beautiful modern Zinnias, makes the organization of a National Zinnia Society desirable and necessary, for the purpose of disseminating information concerning their cultivation, the best new varieties, to offer annual prizes at flower shows, for meritorious exhibits of Zinnias, to appoint a nomenclature committee for registering new named varieties, thus avoiding duplication of names.

SPECIAL OFFER TO START THIS NEW ORGANIZATION

SEND now and we will send you a 50 cent package of the finest California
50^c "Sun Ripened" Zinnia seed and a Charter membership for one year
in this fine new society, without any further obligation on your part.

With flowers grown from this seed you can exhibit and win prizes at flower shows and fairs throughout the country.

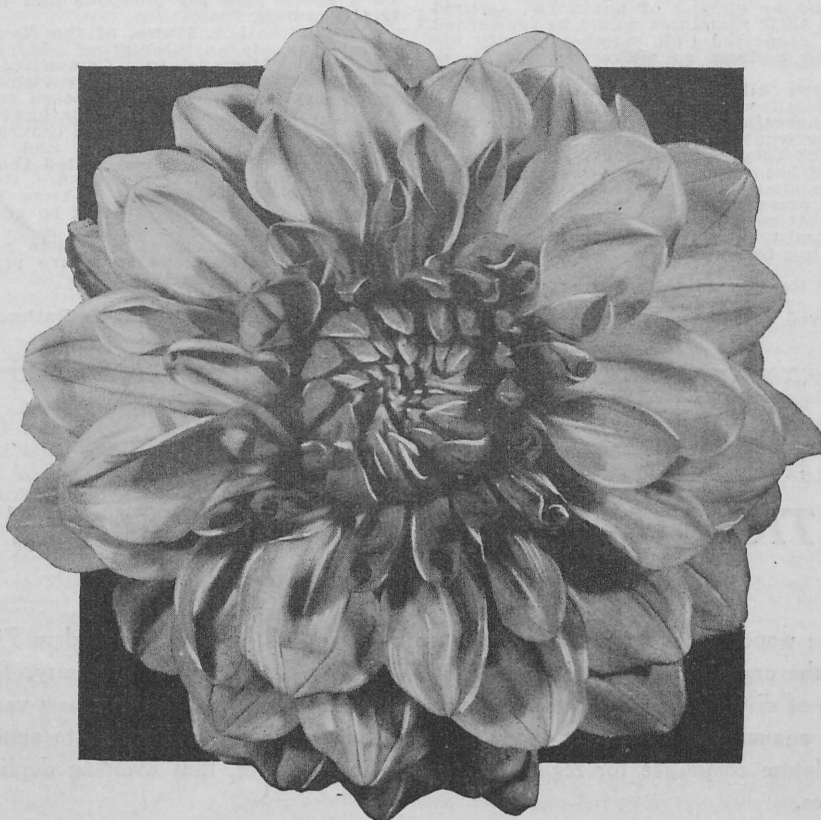
Garden Club members, School Clubs and 4 H Clubs are especially invited to join.

Notice to flower show and fair managers. Please provide classes for Zinnias in your premium list. We will contribute seed for prizes free. For further particulars address:

SECRETARY OF NATIONAL ZINNIA FLOWER SOCIETY

323 ELLSWORTH AVE. NEW HAVEN, CONNECTICUT

BURPEE'S NEW DAHLIA "ATLANTIC CITY"



Offered for the first time—a strikingly handsome prize-winner. With its startling beauty, it combines a sturdiness and vigor that will make it a favorite with gardeners. "Atlantic City" is a Formal Decorative Dahlia with gorgeous flowers of a very rich golden autumn shade. Its amber-gold is intensified with orange, salmon, and a hint of bronze. A color beautiful in itself and blending readily with any others. Flowers measure five to seven inches across. Their keeping quality is remarkable, cut flowers lasting from four to six days. The plant grows $3\frac{1}{2}$ to 4 feet high, of strong, upright growth requiring no staking. Never troubled by leaf-hopper, thrip, or any other Dahlia pest or disease. "Atlantic City" is a most profuse and early bloomer, flowering from mid-July until frost. We have cut 37 flowers from one plant. "Atlantic City" was awarded first prize for the best vase of 25 blooms in the open-to-all in several shows in which it was exhibited, as well as a Certificate of Merit.

Stock is limited. Order at once. Roots will be delivered at proper time for planting.

One Root \$3.50

Three Roots \$10.00

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DAHLIA "ASBURY PARK"

The outstanding new Dahlia of 1931 and one of the finest Formal Decoratives ever introduced. The general color effect is copper-salmon. The petals are bright strawberry-red suffused with salmon and tinted with old gold toward the tips—a true autumn shade. Grown for exhibition it produces flowers 12 to 14 inches across. Under average garden culture it grows 5 to $5\frac{1}{2}$ feet tall with 10 to 18 perfect flowers 6 to 8 inches across, of the long regularly petalled type, built up to a good center.

"Asbury Park" was awarded seven First Prizes and a Certificate of Merit. Stock is very short and we advise immediate orders. Roots will be delivered at proper time for planting. Each root \$10.00. Postpaid.

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