

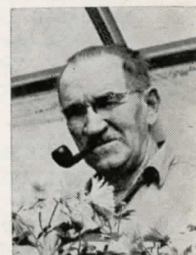
SOUTH DAKOTA



Horticulture

Viehmeyer Named 17th John Robertson Winner

Cowboy, lecturer, author, researcher, Glenn Viehmeyer of North Platte, Nebraska, became the 17th recipient of the John Robertson award for his outstanding contribution to the field of horticulture in the North Central area. His story is on page 3.

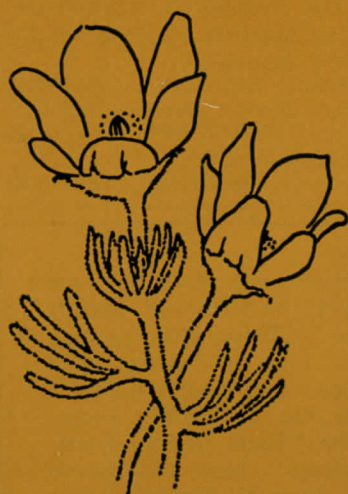


Growing Perennials Takes Planning

It isn't too soon to start planning your plantings for next year. You will want to include lots of perennials. The ten most popular perennials for South Dakota are listed in the article on page 5. Plan for season-long blooming, a variety of color and plants with various height. All the information you need is in this article!

Convention Roundup

There were a lot of things that happened at the 1961 convention held in Aberdeen in June. Read the details of these important stories in the Garden Club section. Note stories on pages 9, 12 and 13.



Pasque Flower
Anemone patens
State Flower for
South Dakota

Twenty-five Cents

34.05
811.63
34#4



'hort' flashes

by DEAN MARTIN
Extension Horticulturist
South Dakota State College
Brookings, S. D.

Congratulations to the Aberdeen Garden Club for the fine way in which they "put on" the 1961 Convention. As far as I know everything went pretty much according to plan. A special vote of thanks to the hard-working local committee chairmen who took care of all the details behind the scenes. I hope this will make up for the goofy awards that they received at the Fun Night!

New Officers for the Horticultural Society include several new directors. The complete roster is given in an article on another page. Better check, one of them may be YOU. We welcome these folks into the fold and look for great things from them!

New Constitution! The Society adopted the new constitution which had been read for the first time at the 1960 convention. The constitution has been revised to bring it up-to-date. The amended constitution will appear in the Sept.-Oct. issue, we hope!

Busy Month! August appears to be shaping up as a busier than usual month for yours truly. Here is a run-down of my whereabouts in case you wonder why your letters(?) are not answered as promptly as you might expect. August: 1-3, American Society for Horticultural Science, Laramie, Wyoming; 8, Vegetable Test Plot Tour, SDSC; 9, Penning-

ton County; 13-14, Beadle County; 15, Jerauld County; 16, Davison and Hanson Counties; 17, Minnehaha County; 21-22, Lake County; 30-31, State Fair preparations.

A Pleasure! We met with the Men's Garden Club of Huron (first in the state, Madison is second I believe) on July 5. Yours truly presented a program on Home Landscaping. It was fun meeting with this group of enthusiastic gardeners. South Dakota will be hearing more from them I'm sure.

By the Way, I have received a kit on "How To Organize A Men's Garden Club" from the National Office in New York. I would be glad to meet with any town, city or county group which might be interested in forming a Men's Garden Club with National affiliation. I don't think it is necessary to point out the advantages of Regional and National affiliation. South Dakota happens to be in the North Star region with headquarters in Minneapolis.

State Fair Exhibit. The Society plans to have an exhibit at the State Fair again this year. The exhibit will feature the "1861-1961 Window Box" theme exhibit designed and built by Jesse Rawson and Dean Martin. The exhibit received favorable comment at the State Flower Show and at the

(Continued on page 6)

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South Dakota

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Membership dues for the State Horticultural Society are \$2.00 annually, payable the first of January each year. Dues include payment for the bi-monthly magazine, "South Dakota Horticulture." Send remittances to Dean M. Martin, Secretary, College Station, Brookings, S. Dak.

AWARD PRESENTED BY SO. DAK. HORTICULTURAL SOCIETY

It is fitting and proper that this Centennial Year, the Seventeenth Annual John Robertson Award should be presented to a man who was born in a sod house on a homestead in Nebraska, where his parents kindled an early interest in things horticultural.

Glenn Viehmeyer was born on a ranch in Logan County, Nebraska in December 1900. His parents, George J. and Clara B. (Parker) Viehmeyer, came to Nebraska in covered wagons with their parents who homesteaded in the area near Stapleton. Glenn's heart is still in the Nebraska sandhills, and he frequently sings cowboy songs and quotes poems from Badger Clark.

Glenn remembers that his mother was interested in flowers, and he says she inspired his own interest in flowers, but he doesn't remember at what age. It was a serious interest by the time he was 15 years old, however, because that is when he started hybridizing plants.

Earl W. Glandon, one of Glenn's high school teachers at Stapleton, encouraged his interest in botany. This later led to a study of genetics and plant breeding.

As a young man, Glenn was active in the usual ranch life. He participated in rodeos in his area for about eight years as a bucking bronco rider, competing successfully against professional cowboys. In these earlier years he also fought prairie fires and hunted coyotes.

In 1924 Glenn married Catherine K. Smith. They lived on a ranch near Stapleton until 1935. They have two children—Joyce (Mrs. Homer Fine of Lincoln, Nebraska), and Robert G. of Keensburg, Colorado. There are six grandchildren.

Glenn is in demand as a lecturer, and as an author he contributes regularly to horticultural magazines. He also is the author of a number of College bulletins on horticultural subjects. The National Federation of Garden Clubs has accredited him as an instructor in horticulture and landscaping.

Glenn's wife "Katie" is also well versed in horticulture and has an extensive collection of African violets. During recent years she has operated a small nursery. She is an expert in flower arrangement and teaches classes on this subject. She is also interested in "bird watching." One of her hobbies is collecting Early American glassware.

Viehmeyer has been employed by the U. S. Forest Service with the

Glenn Viehmeyer Receives 17th John Robertson Award



Don Johnson, left, president of the State Horticultural Society presents the 17th John Robertson Award to Glenn Viehmeyer, assistant professor of horticulture at North Platte, Nebraska Experiment Station, during banquet ceremonies held during the annual state-wide convention at Aberdeen. Mrs. Bing, past president of the Federation of Garden Clubs and Mrs. Effie Kindred, a newly elected regional officer, are seated at the table.

Great Plains Shelter Belt program. During 1935-1940, he supervised the planting of many miles of shelter belt in Nebraska.

Viehmeyer was also Park Superintendent at the Niobrara (Nebraska) State Park from 1940-1943. Since 1943 he has been on the staff at North Platte Experiment Station of the University of Nebraska College of Agriculture as an assistant Professor of Horticulture.

In the field of research accomplishments, Glenn Viehmeyer has:

Chrysanthemums—(1.) become internationally known for his chrysanthemum breeding. (2.) collected genetic material and made crosses adapted to the Great Plains. (3.) Has released 28 varieties including the recent Space Age Mums.

Plant material and seeds of his mums are now used by breeders in the United States, Canada, England, Australia, Turkey and Yugoslavia. He has written numerous bulletins and articles on chrysanthemums.

Penstemons—(1.) Helped pioneer the breeding of this plant. Today the University of Nebraska has one of the most important penstemon breeding programs in the world. (2.) sent Penstemon seeds and genetic

material to Switzerland, Canada, and England as well as many parts of the United States. (3.) introduced two clones and two seed grown strains of penstemon.

Roses—Viehmeyer is recognized nationally for his work in rose breeding. He has made many crosses using native hardy species and ornamental types.

Strawberries — (1.) been instrumental in testing and introducing the Sioux and Ogallala strawberries which have become popular in central United States.

Mr. Viehmeyer has active membership in the following societies: American Genetics Association, Society of Evolution, American Society of Horticultural Scientists, Canadian Society of Horticultural Scientists, American Penstemon Society, National Chrysanthemum Society, American Rose Society, Nebraska Federated Garden Clubs and Nebraska Ornithologists Union.

He has the following committee memberships: Horticultural Chairman, Federated Garden Clubs of Nebraska, Director, American Penstemon Society, Assistant Editor, National Chrysanthemum Society Bulletin

(Continued on page 6)

Growing Perennials

By DEAN M. MARTIN
Extension Horticulturist

Herbaceous perennial flowers are those plants which die back to the ground in the fall and renew growth again in the spring. Some perennials live many years, others die out after only a few years.

When selecting herbaceous perennials it is necessary to consider many factors. Flowers selected for the perennial border should provide a succession of color harmony as the season progresses. The height and spread of the plants must also be considered. Usually, annuals, biennials, and flowering bulbs are included in the border planting.

With these things in mind a plan should be drawn to indicate where each plant should be planted to create the desired effect.

Most perennials prefer a fertile well-drained loam soil, which has a high organic matter content. The soil should be prepared to a depth of 15 to 20 inches.

Early blooming perennials such as peonies are usually planted in the fall while later blooming ones such as chrysanthemums, may be planted in early spring.

The planting should be kept well-cultivated.

Flower stalks should be removed after the blooms have faded for better appearance and also to encourage new blooms. Most perennials prefer a moderate, constant moisture supply throughout the season.

Some plants, such as delphiniums, will require staking for proper growth and protection.

The perennial border should have a constant high level of fertility. The planting should receive an application of fertilizer in early spring and again in early summer. A complete fertilizer such as a 4-12-4 or a 4-8-6 analysis at the rate of 2 pounds per 100 square feet is suitable.

Summer mulches such as grass clippings or partially rotted leaves may be used to help conserve moisture and maintain an even soil temperature.

Winter mulches may be used to protect plants from severe cold, to maintain an even soil temperature and also to prevent too early growth in the spring. Marsh hay, sudan grass, clean straw or hay, and evergreen boughs are some of the materials that can be used for winter mulches.

The mulch should be applied after the plants are dormant and the ground is frozen. The mulch should be removed gradually in the spring as the plants begin to grow.

Hollyhock, Columbine, Chrysanthemum, Dianthus, Hemerocallis, Iris, Lilies, Peony, Delphinium, and Phlox are ten good perennials for South Dakota.

BLOOMING PERIODS OF PERENNIALS:

May — Phlox divaricata, Linum, Columbine, Iris, Dianthus, Peony and Violas.

June — Iris, Delphinium, Linum, Dianthus, Hemerocallis, Peony, and Veronica.

July — Hollyhocks, Phlox, Veronica, Lilies, Dianthus and Hemerocallis.

August — Phlox, Delphinium, Chrysanthemums and Lilies.

October — Hardy Asters, Chrysanthemums, Gaillardia and Coreopsis.

FLOWER COLOR OF PERENNIALS:

White — Iris, Violas, Lilies and Hollyhocks.

Blue, Lavender, Purple — Phlox, Columbine, Iris, Linum, Violas, Delphinium, Veronica, Hardy Asters.

Pink, Rose, Salmon — Columbine, Iris, Hollyhocks, Chrysanthemums, Hardy Asters, Phlox, Lilies.

Bronze, Yellow, Orange — Columbine, Iris, Violets, Hollyhock, Chrysanthemums, Hemerocallis.

HEIGHT OF PERENNIALS:

Low — Violas and Phlox divaricata.

Medium — Columbines, Iris, Linum, Veronica, Phlox, Chrysanthemum.

Tall — Delphinium, Liliun candidum, Hardy Aster, Hollyhock, Liliun regale.

PLANNING A

PERENNIAL BORDER

It is important to draw a suggested layout for planning a perennial border. This will help you in selecting the plants you want to use in designing your border. It will also be helpful in ordering your plants and will serve as a guide when planting.

After you have chosen the plants you want to grow, which may also contain annual flowers as well as those of a bulbous, corn or tuberous nature, you can work up your design. You will need information as to the season of bloom, color, size and height of the plants you have chosen.

The location of the different plants to create good color and size harmony and a good sequence of bloom can then be determined. The number of plants, transplants and seeds required can also be determined at that time.

It may take several attempts to work out a design that will please you but this is an excellent way of becoming familiar with the characteristics of the plants you have chosen for your border planting.

Extension Circular 431, **Garden Flowers for South Dakota**, gives additional information.



There is always a large collection of flowers in the horticultural gardens at South Dakota State College. Among the collection can be found many perennial flowers. Here a group of Sunday afternoon visitors look over the gardens. The gardens are open to public inspection at any time. Flowers are particularly brilliant during August.

Financial Statement Of Horticultural Society

June 10, 1960 to June 15, 1961

Balance brought forward June 10, 1960\$423.93

INCOME:

Memberships and Subscriptions\$117.25
Advertisers\$375.00
Gifts\$345.35
Garden Club
Federation\$855.00
Misc. Magazine
Sales\$ 5.25
TOTAL\$1,697.85

Balance and Income for the period\$2,121.78

EXPENSES:

Editorial\$ 175.00
Printing\$1,567.83
Office Expense\$ 56.53
Convention\$ 72.48
TOTAL\$1,871.84

Balance—June 15, 1961
(Checkbook)\$ 249.94

Balance on deposit in State
College Activity Account.... 4.39
Balance on deposit in Home
Saving Ass'n
AccountApprox. 660.00
Accounts Receivable and
Anticipated Income
to 12-31-61 300.00

TOTAL ASSETS:\$1,214.33
Accounts Payable 320.00
Anticipated Expenses to
12-31-61 935.00

TOTAL EXPENSES TO
12-31-61 1,255.00
Anticipated Total
AssetsMinus 41.00

HARDY 'MUMS'

Colorful — Easy to Grow

Reliable even in Prairie Areas

Write for Complete Listing to:

**Sletwold
Greenhouses**

Vermillion, S. D.

(Right on Highway 50)

UPS AND DOWNS

"OF APPLE PICKING"

Horticulturists have always preached safety at apple harvest time — and now they're stressing it a little more than usual.

Their timely awareness that it pays to be careful when you're picking apples was prompted by a letter which crossed their desk. The author, they say, is unknown.

"Dear Sirs", the letter begins sedately enough, "I have a problem to describe to you. I have an apple tree which must be the biggest apple tree in the world. So, to harvest it I rigged up a pulley and connected a large barrel to one end. I pulled the barrel up to the top of the tree and secured the rope to the truck on the ground. I then went up the tree and picked the first barrel of apples from the uppermost twig, then I climbed down the tree and unhooked the line from the truck. Unfortunately, the barrel of apples was heavier than I was, and before I knew what was happening the barrel started jerking me off the ground.

"I decided to hang on and half-way up I met the barrel of apples coming down and received a severe blow on the shoulder. I then continued to the top of the tree banging my head on the limbs and getting my fingers jammed in the pulley. When the barrel of apples hit the ground, it burst its bottom and all the apples spilled out. I was now heavier than the barrel and so started down again at high speed. Half-way down I met the empty barrel coming up and received severe injuries to my shins. Then when I hit the ground I landed on the truck rigging, getting several painful cuts from the sharp edges and corners.

"At this point I must have lost my presence of mind because I let go of the line. The barrel then came down again giving me another heavy blow on the head and putting me in the hospital."

This sad story really is not much more ridiculous than the things that happen all the time to people who don't watch what they're doing, the horticulturist says.

(Reprinted by permission from the October issue of the Extension Service News, Virginia Polytechnic Institute.)

Officers Re-elected; New Directors Named

In accordance with the amended constitution of the South Dakota Horticultural Society, five new directors were named to the executive board during elections at the State Convention in Aberdeen.

Mr. Donald Johnson of Sioux Falls, Mr. A. R. Schamber and Dr. Jesse Rawson were re-elected to the office of president, vice-president and librarian respectively. Dean Martin was appointed to serve as both secretary and treasurer under the new constitution.

The complete list of board members is given below.

1961-1962 Officers

South Dakota State Horticultural Society

President—Mr. Donald E. Johnson, 3013 E. 10th St., Sioux Falls
Vice President—Mr. A. R. Schamber, 3808 Sunset Drive, Rapid City
Librarian—Dr. Jesse Rawson, Hort. Dept., SDSC, Brookings
Sec.-Treas.—Mr. Dean Martin, Hort. Dept., SDSC, Brookings

Board of Directors

(10 Member Board, All Past Presidents and All Officers)
(President and Corresponding Secretary of the State Garden Club Federation.)

Directors for 1 year term:

Mr. Leon Begalka, Clear Lake
Mr. E. C. Thomsen, 119 E. Missouri Ave., Pierre

Directors for 2 year term:

Mrs. Evangeline Schnaidt, 2113 S. Holly, Sioux Falls
Mr. R. E. Jack, Arlington

Directors for 3 year term:

Mrs. Francis Nelson, Hurley
Mr. Walt Filmore, Dept. of Game, Fish, and Parks, Pierre

Directors for 4 year term:

Mr. Don Allen, Room 206, Medical Arts Bldg., Watertown
Dr. Ronald M. Peterson, Hort. Dept., SDSC, Brookings

Directors for 5 year term:

Mr. Herman Chilson, Webster
Mr. Lowry Elliott, Milbank
Garden Club Federation President
Mrs. Dewey Benson, Hurley
Garden Club Federation Corresponding Secretary
Mrs. G. E. Egge, 2704 W. 29th St., Sioux Falls

Start Compost Heap During Summer

Most garden soils need humus to help the soil hold more moisture and make the garden easier to work.

One method of supplying humus to the soil is by adding manure. Another way is to grow a cover crop in the garden. Still another method is to build a compost pile and put the compost on the garden soil. This is one of the best ways of providing humus because it makes good use of waste materials.

Summer is the time to begin making a compost pile, which can be continued throughout the rest of the year.

Materials for the compost include leaves, grasses, weeds, discarded plant remains from the garden if they are not diseased, scraps of vegetable matter, sawdust, sod, soil, and animal manure.

Locate the compost pile where it is screened by a building or some plant growth. As materials become available, put them in layers on the ground, keeping the top of the pile lower in the middle than the sides, so the pile can be watered and kept moist.

From time to time apply a layer of manure and chemical fertilizer. Spread about 1 pint of garden fertilizer over each six-inch layer where the compost pile is 10 feet long and five feet wide.

Compost can be made at any time of year, but the process of decay is slowed in cold weather. During dry periods put water on the pile. Be sure the pile is thoroughly rotted before it is applied to the garden. Compost is improved by mixing occasionally.

August Is Ideal For Planting Iris

One of South Dakota's most popular flowers, the bearded iris, is eligible for attention in August. This is the best time for dividing and resetting overcrowded iris plantings.

Dig up iris clumps about every three years to keep plants healthy. When you divide an iris, use the outer, younger "fans" and discard the old center portion. Separate the bulbs with a sharp knife and do not replant any that appear diseased.

Iris are most attractive when grown in clumps formed by planting four to six single rootstocks about 8 inches apart. To avoid crowding

MRS. WOBEMMA RECOGNIZED FOR THERAPY EFFORTS



Mrs. William Wobbema, left, Therapy chairman of the Petal Pals Garden Club of Brookings, was recently presented with an honorary membership in the East Central chapter of the South Dakota Association for Retarded Children at Brookings. The membership was in recognition for her efforts in teaching crafts and flower information to retarded children in the Brookings area. Mrs. Max Ivers, teacher of the special classroom sponsored by the Brookings Chapter, made the presentation.

Hort Flashes . . .

(Continued from page 2)

Brookings Petal Pals Delphinium Tea. A few modifications are planned for the Fair. Plan to stop by the Horticulture Building to see this and the other fine exhibits of interest to gardeners.

Don't Miss the 4-H Garden Project exhibits are "the cream of the crop" from the County Achievement Days. They are at their best the early part of the week. Also to be seen in this building are the crops, handicraft and entomology exhibits. Come in the morning when it is cool!

Familiar Face! Mrs. Louis Severance of Huron will be serving as Superintendent of the Horticulture Building at the State Fair again after a year's absence. Plans are already underway for some fine Centennial exhibits. We wish Mrs. Severance the very best and know she will do her usual capable job of "making things tick" in the Hort. Building.

and the job of frequent resetting, keep the clumps about three feet apart.

Set the rootstocks in a shallow hole, but don't crowd them. Cut the tops back four to six inches, then leave the rhisomes level with the surface of the soil. A good watering will help settle the soil.

Letter to Editor:

Dear Mr. Martin,

May I say how much I enjoy our S. Dak. Horticultural Magazine? I am a member of the "Town and Country Garden Club" of Milbank.

I am enclosing a little poem, I wrote, about our garden club. If you care to print it sometime I shall feel very honored.

Best Wishes in your work.

Sincerely,

Mrs. Elmer Linnngren

MY GARDEN CLUB

A garden club, 'twas new to me,
Taught me how interesting
Plants can be.
The compost pile,
The mulching dressing,
In my garden
Proved a blessing.

Shrubs and plants
In my garden grew.
We were always trying
Something new.
Our Horticulture magazine
Uncovered hints—before unseen.

Our monthly meeting
Is a pleasure.
Each time uncovers
A new treasure.

To care for rose,
Or tree, or shrub,
I learned it all
At Garden Club!

—Mrs. Elmer Linnngren

John Robertson Award . . .

(Continued from page 3)

letin, Vice-Chairman, Great Plains Section of Horticultural Science, Member of Research Committee of American Rose Foundation and American Rose Society, Member, North Central Regional Woody Plants Sub-Committee and Nebraska's Representative on North Central Regional Marketing Committee on Grades and Standards of Horticultural Products.

In addition Mr. Vieymeyer has honorary memberships as follows: Life Member - Industrial Rose Society, Rochester, New York, Life Member - Capital City Rose Society, Lincoln, Nebraska, and Life Member - Federated Garden Clubs of Nebraska.

It is indeed a great pleasure and high honor that we have such a recipient as Glenn Viehmeyer for the Seventeenth John Robertson Award for distinguished contributions to Great Plains Horticulture.

DAKOTA HORTICULTURE

Petal Pals Win Hilda Fox Award

The Petal Pals Garden Club of Brookings is the first club in South Dakota to win the Hilda Fox award. The award is a national award indicating outstanding achievement in permanent roadside improvement.

The award cannot be awarded to the same state two years in a row. The Petal Pals club earned the honor on the basis of work done on developing Sanderson Park, a roadside park located east of Brookings about eight miles.

The \$50 cash award was used to purchase a sign built by the South Dakota Game, Fish and Parks Department. The sign was erected at the roadside park site recently.

In order to become eligible for the award a garden club must adopt and accomplish a program for permanent roadside beautification. The program may be continuous, yet shall have reached an advanced degree of completion prior to the application for the award.

A program of roadside development which includes a long range planting plan and/or the cooperative abolishment of roadside dumping grounds, snipe signs, billboards which mar natural scenery and/or are on the road right-of-way, automobile wrecking establishments, unsightly conditions of roadside refreshment stands, etc., may constitute acceptable achievement. An organized record of proof of the achievement shall accompany the application. Only one award can be earned on any one particular project.

Lythrum Hardy Flower for Dakota's

Tall spikes of pink and purple flowers, often reaching 30 inches tall, are likely to be Lythrum, according to Harry Graves, extension horticulturist in North Dakota. Lythrum comes into bloom in late June and continues until frost.

The first variety of Lythrum to catch the public's eye was Morden Pink, a hybrid that set little if any seed. It continues to bloom throughout the season. Frequent cutting of Lythrum for cut flowers encourages continuous bloom. It's fortunate because the Lythrum makes a very desirable cut flower for mixed bouquets. In the border, Lythrum makes an attractive, hardy plant for accent—clumps of three plants every 15 or 20 feet are suggested.

More recent varieties of Lythrum include: Dropmore Purple, Morden Gleam and Morden Rose. Each of these varieties has its boosters, so, regardless of which one you select, you are likely to be glad you planted Lythrum.

Make plans now to set a few Lythrum plants in the border or about the house foundation next spring, Graves suggests. They will produce abundant blooms from four to six years with little care and attention.

DAKOTA HORTICULTURE



Here are some of the members of the Petal Pals Club as they pose by the sign which they purchased with the Hilda Fox Award money. Left to right (seated): Mrs. Dean Martin, Mrs. Lyle Stewart, Mrs. Leo Monteith, and Mrs. Martin Pederson. Standing: Mrs. Wm Wobbema, Mrs. Sam Wilcox, Mrs. Fred Callahan, Mrs. Eugene Whitmore and Mrs. Dale McCord. Other members include Mrs. Franklin Shaw, Mrs. Percy Kennard, Mrs. A. J. Moritz, Jr., Mrs. Hugh Nye, Mrs. Floyd Wiles and Mrs. Jimmy Dahl.

Fall Is Best Season For Starting Lawn

Early fall is also the ideal time for establishing a new lawn of bluegrass and fescue in South Dakota, says Dean Martin, extension horticulturist at South Dakota State College.

During this season there is less weed competition, cooler weather and fall rains. All make lawn growing easier. You can get your lawn off to a better start if you make sure the grass has a good rich soil in which to grow.

Most lawn soils are low in organic matter. The soil should contain at least 10 per cent organic matter—such as grass roots, leaves and other plant material. An inch of peat moss worked into the top three inches of soil will be just right.

Add about three pounds of actual nitrogen per 1,000 square feet of lawn space to bring up the fertility content. This should be divided into two applications — one in August and another in March.

Make sure your new lawn goes in to the winter with an adequate moisture supply. It will do best if the top 12 inches of soil is kept moist. Rake

Plant Peonies In September

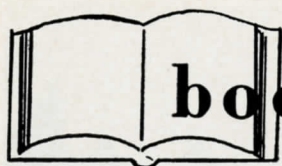
If you wish to plant more peonies or divide old plants, September is the best time to do it.

Peonies should be planted in fertile soil which has been worked to a depth of one or two feet. The crown from which the buds arise, should be placed about two inches below the soil surface level. They will grow the best where they are exposed to plenty of sunlight.

Old crowns should be divided so that each piece to be transplanted contains from three to five plump buds. Dean Martin, extension horticulturist at South Dakota College says peony tops should be clipped a little below ground level after plants have been frosted. This eliminates possible infection by certain diseases the following spring.

up leaves and heavy grass clippings and remove them.

The last mowing can be slightly higher than usual. This will also give the grass a better chance to prepare itself for winter.



book review

By JUANITA
JORGENSEN

Contemporary Perennials

by Roderick W. Cumming and
Robert E. Lee, *The Macmillan
Company*, N. Y. \$6.95.

By combining the talents and knowledge of two leading American horticulturists they have produced the best book on perennials I have seen to date. It is the only book I know which includes specific information on the many species and varieties of a plant genera, with observations on 560 or more species.

Too many authors have generalized on each genera of plants, and gardeners who like to try new things and recourse only to catalogues which usually recommend everything without regard to the specific gardening problems encountered in our section of the nation. "Contemporary Perennials" notes that aquilegia jonesi, for instance, is a "hard-to-grow collector's item", so we know that South Dakota gardeners are taking a big chance if they put in their borders.

If the botanical name by which a plant is listed, is unknown to the reader he has only to turn to Part III of the book, where the common names of all plants in the book are listed in alphabetical order. Part III also has a chart for quick reference on the most outstanding plants and their characteristics. Sketches of most of the genera under discussion give a good idea of the garden appearance and add much to the value of the book. I recommend this book to gardeners who want to experience new plant thrills.

Floral Decorations For Your Church

by Fern Bowers Hunt—*The Chilton Company, Book Division,
Philadelphia*. \$6.95.

This beautifully illustrated book is an encyclopedia of information on everything connected with decorating your church, for regular services

and for any special event held therein. It must have taken years of study and research to assemble the information on symbolic meanings and uses of materials and colors as applied to places of Christian worship, but with this book you can coordinate all decorations to the architecture of the building and the service.

Small sketches give an especially vivid interpretation of how the lines of a flower arrangement can express joy, repose, or dramatic feeling. The book gives complete directions for creating fresh flower arrangements as well as decorations for the Christmas season, and includes an outline to follow in teaching floral decoration to juniors.

The Appendix Workshop contains valuable lists of materials as related to the Apostles and others, and an alphabetical list of Christian Customs of the world. There are long lists of plant material divided into categories according to the form of blossoms, habit of growth and uses in arrangements and corsages. This is a book for members of the flower committee, Altar Guild, clergymen and others. Every church library should have a copy, and Flower Show Chairmen and Judges will find it valuable to use in interpretative classes at flower shows.

Japanese Flower Arrangements In a Nutshell

by Ellen Gordon Allen—*Chas. E. Tuttle Company, Rutland, Vermont*. \$1.00.

For only \$1.00 Ellen Allen presents a paper covered primer of Japanese flower arranging that is in its 10th printing since it was first issued in 1955. Its popularity is no doubt due to the comprehensive coverage of the topic in as simple a manner as possible.

Japanese terms are usually omitted, and each of the nine lessons detailed with step-by-step sketches

to show what should be done as the arrangement progresses. This is a practical little book for the beginner, with a few pages of good basic rules, preliminary help on how to anchor materials in holders, and a list of tools necessary for the work. The book is concluded with a historical sketch of the development of Japanese flower arrangement. What more could you ask for \$1.00?

Japanese Flower Arrangements For the American Home

by Mary Badham Kittel — *The Viking Press*, N. Y. 22. \$6.95.

Ever since Mary Badham Kittel came to South Dakota in 1959 we have been looking forward to her second book on flower arrangement. Now it is available, a handsome book, replete with dramatic arrangements, and which repeats the clean-cut diagrams of construction details which characterized her first book.

People who say they are not interested in Japanese arrangements fail to recognize that the principles of simplicity advocated by the Japanese for hundreds of years, are the basis for all our most beautiful and practical designs.

The 45 illustrated arrangements were made to stress the simple line, long lasting qualities, and the use of very small quantities of material, three excellent reasons for studying this book. The chapter which tells how to accent the foliage in one-flower designs is especially valuable, and the instructions for opening a rose bud—or for keeping one closed—are unusually helpful.

There are vivid diagrams presenting the difficult basket arrangements, designs to hang from the wall, little understood garden scenes, and designs in which water is a part of the composition. Textual matter is devoted principally to explaining why the Japanese chose certain phases of their teachings and how we can adapt them to our own use.

This is a beautiful book, and one which presents the Japanese influence in a practical and easy-to-understand way. The best arrangers will appreciate it. Mrs. Kittel was one of the representatives of National Council who made arrangements at the Floriade in Holland last summer, and was recently honored as the Garden Club Member of the Year by Texas Garden Clubs.

DAKOTA HORTICULTURE



SOUTH DAKOTA

Federation of GARDEN CLUBS NEWS

Edited by MRS. GEO. M. JORGENSEN, DELL RAPIDS, S. DAK.

District IV to Hold Luncheon, Flower Show

District No. 4 of the South Dakota Federation of Garden Clubs will meet for a luncheon and program in Brookings, S. D., on September 26, 1961. Hosts for the event which will be held at the Elks Club building will be the Petal Pans and Brookings Garden Clubs.

A judged flower show will be held and it will be open to the public.

RULES

1. All entries will be accepted until 11 a.m.
2. Late entries will be displayed but not judged.
3. All entries must be removed between 4 and 6 p.m.
4. Flowers in horticulture classes must be grown by exhibitor and must have names on base. They are to be delivered in fruit jars.
5. Flowers used in arrangements need not be grown by exhibitor. Foliage is allowed. Names should be inscribed on all accessories.
6. Only one entry in each class may be entered by an exhibitor.
7. Classification committee reserves the right to disqualify any entry not conforming with the schedule.
8. In all matters not covered in the rules, exhibiting and judging will be in accordance with standards set by the National Council of Garden Clubs.
9. The club assumes no obligation for loss or damage of property. Reasonable care will be taken.
10. Sweepstakes ribbons for the most blue ribbons will be awarded in both the artistic and horticulture division.

(Continued on page 13)

Mrs. Earl Kindred Named Rocky Mountain Director

Congratulations to Mrs. Earl M. Kindred, Miller, and to the South Dakota Federation of Garden Clubs which has the honor of filling the post of Regional Director for our 7-state Rocky Mountain Region. This is one of the highest elective posts in National Council, and qualifications



Mrs. Earl M. Kindred

of candidates are specifically itemized and scrutinized before a choice is made. She was elected and installed in May at the National Convention in Philadelphia.

This is only the second time that South Dakota has had a Regional Director, the first one to be so honored being Mrs. G. R. McArthur of Huron.

Mrs. Kindred is one of the better known figures in National Council work, having been on the national board continuously since 1955 when she became state president. She has served as a member of the national therapy committee, was on the nominating committee, and was national Bird Chairman for two years. She has traveled to all parts of the United States attending National Conventions and Board Meetings for several years.

On the state level Effie became well known when she served as state president for three years. She is a Nationally Accredited flower show judge, a member of the State Judges' Council, and a superior flower arranger. Not often do office holders and judges also hold the qualifications of a real dirt gardener but Effie is one of those who do. She is an avid and skillful gardener with a wide knowledge of plants suitable to be grown in South Dakota gardens, as well as of exotic plant materials which flower arrangers have come to know in their work. South Dakota is fortunate to have a member so competent to fill the post.

We know that Effie is well qualified to fill any position in the largest gardeners organization in the world. She is equipped with knowledge, with presence of mind, and presides with gracious dignity. We point with pride to Effie Kindred of Miller, South Dakota, as the new Rocky Mountain Regional Director. Congratulations!

DATEBOOK

Brookings Garden Club Flower and Vegetable Show, City Auditorium, August 25. Schedules can be secured from Mrs. Gilbert Gilbertson, 701 Tenth St., Brookings, S. Dak.

State Fair flower show, Sept. 4-9
Dist IV Flower Show, October 9
Mitchell Flower Show, October 9

President's



MY FELLOW GARDENERS:

WARM GREETINGS TO EACH ONE OF YOU! May I express a sincere "Thank You" to all.

In undertaking the duties of President of South Dakota Federated Garden Clubs, I am indeed honored with the trust you have placed in me, overwhelmed with the responsibilities ahead, but looking forward to a challenging experience. I am very proud of our State Federation, also of the leaders who have contributed much to its stature.

I pledge to them and to you, the very best of which I am capable; to uphold the prestige and continue the progress of our splendid Federation. I sincerely ask for your assistance in fulfilling the duties of this great office—I know I am going to need YOU.

Perhaps the greatest need in our state is expansion, so I have chosen "Promotion" as a theme. The far-reaching results of the garden clubs we have in beautification, in horticulture, in conservation, in knowledge, in human relationship and personal happiness are indeed the greatest things we can share with others for a better world.

If every one of our 46 garden clubs can organize another club, or if each of the 954 members will bring in one new member our capacity for doing good will be doubled. May we all work together to make our organization grow in numbers, in wisdom and in achievement. May we continue to have the fine spirit of friendship and harmony that has been so prominent among South Dakota Gardeners.

Remember that your newly elected officers and department chairmen will be glad to serve you in any way they can.

MARIE BENSON

INTRODUCING

The New State President

The South Dakota Federation of Garden Clubs elected a new president in convention assembled at Aberdeen, June 21, 1961, and Mrs. Dewey Benson, Hurley, has assumed her place as leader of approximately 45 clubs for the next two years.

We know she will be conscientious and capable, independent, inventive and energetic in her pursuit of the best policies and projects to make our state an effective and progressive component of National Council of State Garden Clubs.

For a woman who admittedly "can't keep her fingers out of things," her autobiography is the antithesis of the type. Here is what she wrote in answer to my request, and I quote "Born in Blair, Nebraska. Moved to South Dakota when eight years old. Taught school one year then married Dewey Benson. Have four living children, three boys and a girl, Burton, Bob, Betty and Boyd. Charter member of the Green Thumb Garden Club."

More revealing, perhaps, of her relentless energy, are the following notations from her hasty letter written the day after the convention. "Got home at 10:00 last night, weary and still kind of numb but back to work today. Got washing done—got company from California—got to make corsages this afternoon—got to get at the grass and weeds."

From a long series of hurried contacts I have also learned that she is one of that vital group who has made the Green Thumb Garden Club a power in the Hurley community, the district, and the state. Her club has received national acclaim several times.

Though she is a grandmother ten times over with all the baby-sitting which that entails, she is an Accredited Judge of flower shows with a heavy schedule of judging during the season, and is a member of the Judges Council.

NEW INSECT BULLETIN

"Insect Pests of Trees and Shrubs" is the title of a new publication just off the press at State College. W. M. Hantsbarger, former Extension Entomologist and E. K. Ferrell, Extension Forester are the authors. The bulletin discusses five common sucking insects, fifteen leaf-chewing insects, nine insects attacking stems, etc.

The 20-page circular gives a brief description of each of the pests listed including the appearance, the type of damage and specific plants attacked.

Copies of this publication will be available from County Extension Offices or from the Agricultural Publications Bulletin Room at the South Dakota State College, Brookings, South Dakota.

She is a speaker of flower arranging; one of the teachers in the workshop program of her club; and as soon as she had learned to make hats, she turned her attention to sharing that talent with a class in hat making. Ceramics, cornhusk dolls and flower arrangements are some of the handwork items which keep her busy, but she is also one of those people who can turn from a grimy garden task to making dainty corsages for a banquet; then back to running cement or "painting the bank to help Dewey." Marie is active in her church, teaches Sunday School, is a Pink Lady, and can milk the cow, help with the haying or build a house, as the occasion demands. As she says, "I can't keep my fingers out of things."

In Hurley the lovely new home of the Bensons reflects Marie's excellent talent in finishing and furnishing. One wall of her living room is made dramatic with a huge lighted painting hung between drapes to represent a mural, and gives the effect of looking out into a beautiful tropical garden. As might be expected after having grown up in a community and having four children, she has "open house" at any time of the day or night for friends, neighbors, and relatives, yet still seems to get things done. Says Mrs. Benson, "Little did I realize when I slaved away at my garden in the thirties (we depended on it for food for about 11 of us) that gardening will not only provide food but life and pleasure to those who participate in it."

After providing a run-down of this large number of activities she

(Continued on page 13)

DAKOTA HORTICULTURE

Thank You, Aberdeen For 18th Annual Meeting

It was a good convention, with exceptionally talented speakers, a good attendance, comfortable weather, superior food, delightful favors and generous door prizes, easily accessible locations for all events, beautiful floral decorations and corsages for the officials, a large flower show with more arrangements than usual, ample time allowed between sessions, and excellent cooperation from nearby clubs—Webster, Groton, Langford and Britton. It was marred only by the severe hail storm which damaged the crops, the homes and gardens of the assisting club members' nearby towns. We are so sorry.

The theme of the convention was "New Horizons," and over and over again we heard about the importance of garden clubs and the place they should and could occupy in community planning.

In the report of Mrs. Earl Kindred, Rocky Mountain Regional Director, who attended the national convention, World Gardening, the new High School Gardeners, and the Preserve, Enjoy and Protect (PEP) project were dominant topics on the national agenda, each one leading to broader and continuing garden horizons. Mrs. Francis Bingen was also a delegate to the national meeting in Philadelphia, where over 1000 women participated in the affairs of National Council.

It was good to have the Mobridge Garden Club participate in the program again, and a distinct thrill to hear their Mrs. Margaret Davidson deliver the Keynote address of the convention. Her "Century of Progress" was an entertaining historical sketch of horticulture in the past, and an admonition to carry on the torch for more gardening activities by the Federated Garden Clubs of the state.

Election of officers for 1961 quickly followed presentation of the slate of nominees by the committee, Mrs. Ed Locke, Webster; Mrs. Ray Jarrett, Britton; and Mrs. Mary Photakos, Huron.

Dr. J. Howard Kramer, President of Northern State Teachers College, Aberdeen, was guest speaker at the banquet with a powerful message of encouragement for everyone. Awards night at the banquet is always an exciting time and it was fun to see Mr. Clarence Shanley, president of the Brookings Garden Club (and the only male president in attendance) receive a lap full of ribbons. These included the National Council Purple ribbon for their ex-

MUMS UNLIMITED —



Merle Gunderson, left, and Sam McCrory, head of the Horticulture-Forestry department at South Dakota State College, inspect some of the chrysanthemums grown annually at SDSC. In this article Mrs. Zeller tells how to manage mums in the home garden.

By HAZEL ZELLER

The mum season is usually cut short in northern South Dakota. I select only early bloomers, specifically those chrysanthemums whose first bloom date is listed as September 10th or earlier. Even so, they still offer weeks of bloom after freeze warnings are given. This prompts moving a select few plants indoors (one plant of a variety purchased in the spring). These plants give me flowers long after those in the garden have frozen but after the flowers have been cut the big bonus begins, for these plants furnish the cuttings that will fill next year's flower beds.

I spray the plants as soon as they are potted. Weather permitting, they are given a few days on the porch, then sprayed again before taking indoors. I have never had to spray more than twice during the months the plants are in the house.

When the plants have finished blooming, I cut back the plant to about 6 to 8 inches tall and cut away the new growth. I place the plants in a cool, dark place for a two month rest period. A chrysanthemum plant can easily be kept growing and cuttings could be taken all winter. However, when this is done the resulting plants are less vigorous and have a tendency toward premature budding.

Plants used for cuttings should be

cellent flower and horticulture show last fall. The presence of Professor Glenn Viehmeyer was at once an inspiration to serious gardeners and a

(Continued on page 12)

rested as early as possible so they will be ready to provide early cuttings. New growth will occur soon after the plant is brought to the light.

Stem cuttings should be made from only the young basal shoots. To prevent nematode infestation, use only the growth above the ground. Make the cuttings as soon as the growth is about four inches tall. These cuttings will root quicker and become sturdier plants than those from shoots that have grown taller. The cuttings are properly handled by inserting them about 1½ inches deep in a box partly filled with sand and a rooting medium. Keep moist. The box should be partly covered with glass until the cuttings are rooted. Every day the glass should be raised so that gradually more air is admitted; when the cuttings are rooted the glass should no longer be needed.

The plants should be potted as soon as they are well rooted. For the first week or two the new plants should not be placed in direct sunlight. My young plants get off to the best start at a temperature of about 60 degrees. Pinching produces bushier, nicely shaped plants. These house grown plants will need to be hardened before planting in the garden.

I do not recommend this as a method for producing hardy mums. It is reasonable to believe plants wintered indoors will have their hardiness impaired. It is suggested as a quick means of having lots of mums for next year's garden and is especially suited to the coldest zones.

State Flower Show Winners

Aberdeen staged one of the largest state flower shows ever held in connection with the convention, with classes well filled in all sections. Nine judges, working in teams of three, divided the classes among themselves to speed the work, with the following results: Horticulture—Mrs. S. W. Matteson, five blue and the Award of Merit for her branch of Minnesota Snowflake mock orange; Mrs. Carl Metsger, four blue ribbons; Mrs. Clifford Perry, three blues; and Mrs. Francis Bingen, three blues.

Design Classes—Mrs. Oscar Ackerson, two blue ribbons plus the beautiful tri-color ribbon for the best arrangement in the show; Mrs. Edith Febuary, two blues plus the Award of Distinction, given to the best design in which other materials than fresh flowers is dominant; and Mrs. Joe Lovering, who won the most blue ribbons in the design division. Other winners were Mrs. Gene Shay with two blues; Mrs. Earle Locke, Mrs. A. C. Bonham, Mrs. Francis Bingen, and Mrs. Ed Locke.

Five table settings featured for the first time at a state show, attracted much attention as each exhibitor interpreted her idea of a "buffet supper" in a different way. The result was two tables set for a formal party, two for informal entertaining, and one table set for a party for the fishermen.

A "Century of Progress in Houseplants"—1861 to 1961, was effectively staged for the educational division by Dr. Jesse Rawson and Dean Martin from the Horticulture Department, State College. Many handsome and unusual plants suitable for growing indoors in the north were shown, and there was always a group of interested persons studying them and asking questions concerning their sources and care.

Thank You Aberdeen—

(Continued from Page 11)

gay interlude, and everyone was happy to see him receive the 17th John Robertson gold medal for horticultural achievement, from the hands of Horticulture Society president, Don Johnson. In his acceptance speech Mr. Viehmeyer spoke forcefully against the garden club practice of putting a low valuation on their work. He emphasized the great importance of the garden club movement and urged them not to disparage themselves.

The Presidents Breakfast on June 23 gave each garden club president a chance to bring her own group into the limelight of public approval with a resume of their activities the past year. Messages were given from 23 clubs, some of whom had never given a report before.

The hour-long lecture by Mr. Viehmeyer which featured the Thursday morning session, was far too brief because every word imbued his listeners with visions of floral possibilities attainable for them in their own back yard. Again he stressed the importance of the garden club influence on their neighbors and the community, and noted how one dedicated member could change the attitude and appearance of a whole town.

He said there is a very great need to GROW PLANTS, and forthwith proceeded to show how to do it. Of particular interest were his pictures and instructions on propagating plants in large enough quantities to give to the town at large, either by your own efforts or by enlisting the aid of local nurserymen. Over and over his talk teemed with his belief that gardens are for sharing. Roses, penstemon, and mums were the principal plants stressed, and it was a talk that every garden club member in South Dakota should have heard.

More awards at the Pioneer Luncheon, with favors and gifts made by President Mrs. Bingen, made the event memorable. It must have been especially so for Mrs. Margaret Tagg, of the Sunshine Garden Club, Highmore, who was honored as the Pioneer Gardener of the SDFGC. At an advanced age she still gardens and exhibits at all the flower shows. Lanita Telkamp, National winner of the Smokey Bear Color Contest, was also there to receive her award in person. Entertainment feature of the luncheon were the green and yellow costumed "grasshoppers" — three wee folks whose antics and actions pantomimed the accompanying recorded dialogue to the delight and disbelief of the audience.

Tear the farm machinery apart, wreck the separator, and raid the music room, for from each you may come up with a new idea for containers in which to make dramatically beautiful flower arrangements as did Mr. Don Webber, Richfield, Minnesota. Attention was riveted on this expert designer as he fashioned arrangements and gave suggestions. Throughout his superior demonstration was the suggestion to elevate

These Clubs Won Awards for 1960

Flower Shows—Mrs. Francis Nelson, Hurley, Flower Show Chairman

National Council Purple Ribbon: Brookings Garden Club, Brookings and Tri-State Garden Club, Valley Springs

State Flower Show Award: Madison Garden Club for their Christmas Show, and Langford Garden Club for their summer show.

Scrap Books—Mrs. Lewis Severance, Huron, Chairman

CLUBS UNDER 25 MEMBERS
Green Thumb Garden Club, Hurley
Community Garden Club, Miller
Petal Pals Garden Club, Brookings
Irene Garden Club, Honorable Mention

Countryside Garden Club, Highmore, Honorable Mention

CLUBS OVER 25 MEMBERS
Sunshine Garden Club, Highmore
Madison Garden Club, Madison
Brookings, Garden Club, Brookings
Dell Rapids Garden Club, Honorable mention

Civic Awards — Mrs. Evangeline Schnaidt, Chairman — Petal Pals, Brookings, for their water tower park beautification

Therapy Awards — Mrs. Lester Thoreson, Dell Rapids, Chairman — Petal Pals, Brookings, 1st; Brookings, 2nd

Junior Awards—Mrs. Franklin B. Shaw, Brookings, Chairman — Scrapbooks, Hurley Juniors; Yearbooks, Hurley Juniors, 1st; Teacher's Helpers, Brookings, 2nd

the arrangement to give a greater feeling of lightness and life to them.

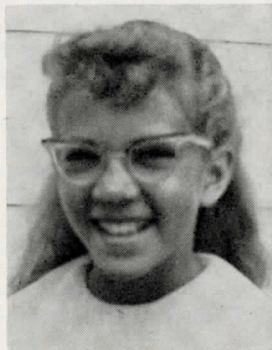
Mr. Walt Fillmore, new Director of the Game, Fish and Parks Department, also stressed the limitless horizons envisioned through promotion of our Recreational facilities and advertising our natural resources. He envisioned a population of one million people in the Pierre area within the lifetime of most everyone present.

It was good to have members of the Horticulture Society take an active part in the convention, and speakers selected by them were among the best we have had for years. "Fun Night" was all in fun as Dean Martin abandoned his usually serious vein and played jokes on all as Master of Ceremonies.

Thank you, Aberdeen, and your friendly neighboring clubs for a fine convention.

Lanita Telkamp Wins Smokey Bear Award

Lanita Telkamp should be the happiest little girl in 47 states, as it was her Smokey Bear poster which



Lanita Telkamp

won first in the nation. Her entry was picked from 1,860 entries submitted.

Lanita is a member of the Little Green Thumb Garden Club, whose leader is Mrs. Franklin B. Shaw, and entered her poster in the 9 to 11 age group in the National Smokey Bear Coloring Contest.

The hand-made Smokey Bear presented to her by Mrs. Francis Bingen at the State Convention in Aberdeen will ever be a delightful reminder of her triumph. The South Dakota Federation of Garden Clubs is proud and happy of the recognition she has brought the state. Lanita is the daughter of Lyle Telkamp, Brookings.

Introducing Mrs. Benson—

(Continued from page 10)

claims no "special merits or talents. "I am just a common everyday citizen, I like to work, have fun, travel and do almost everything but dusting!"

Since leaving the farm, she has found more time to devote to hobbies. She purchased a typewriter and is learning to type, she bought a kiln and is learning the art of ceramics. She also likes to make various things from dried plant materials.

In addition during her career she has held all offices in her local Extension club, she has been Turner County Extension Club chairman for two years.

She has held all offices and all degrees in Rebekah Lodge.

She is a member of the Harmony Presbyterian Sunday School for five years and helps with vacation Bible School. She has also served as skipper, first mate, and logkeeper in the

District IV to Hold—

(Continued from page 9)

THEME: "Floral History"

Artistic Division

Section I—Pioneer Days

1. Pioneers: Antique and old fashioned.
2. Indians: Symbolizing Indian living.
3. The Hills Gold: Something in gold.
4. Winter 1888: All white arrangement.

Section II—Statehood

1. Gay Nineties: Gay with figurine.
2. Fruits of the Earth: Fruits and vegetables and flowers.

Section III—Feast and Famine

1. Depression: Miniatures
2. Prosperity: Mass Arrangement.

Section IV: Centennial Autumn

1. Reminiscence: Old fashioned flowers.
2. Our future: Modern may symbolize air, space, etc.

HORTICULTURAL DIVISION

Class:

1. Asters — Annual double.....5
2. Asters — Single.....5
3. Asters — Perennial5
4. Bells of Ireland1 spray

Chrysanthemums

5. Bronze1 spray
6. Lavender1 spray
7. Pink1 spray
8. Red1 spray
9. White1 spray
10. Yellow1 spray
11. Cockscomb crested1
12. Cosmos5
13. Dahlias — Large over 8 inches..1
14. Dahlias—Medium 4 to 8 inches..1
15. Dahlias — Small under 4 in.....1
16. Marigold — Small.....5
17. Marigold — Large.....5
18. Rose — any kind.....one stem
19. Snapdragons — any kind.....3
20. Zinnias — Giant.....3
21. Zinnias — Small.....3
22. Zinnias — novelty.....3
23. Any other flower

Mrs. Art Pool

202 4th St. N.W.

Madison, S. Dak.

Mariners Club. She is presently "chef." Garden club activities include being a charter member of the Green Thumb Club. She has served in all offices. This year she is a junior club leader, and the litterbug chairman. She is a member of the National Corsage club and is the only person in South Dakota to hold a membership in the Chrysanthemum society.

This is your new president, the gal whose husband still carries her picture in his billfold.

MRS. JUANITA JORGENSEN

1961 Yearbook Awards Listed; Plan for 1962

Mrs. Carl Rau

Yearbook Awards Chairman

Mrs. Donald Smokestad, Mrs. R. H. Barnes, and Mrs. James Zellmer independently judged and rated the 1961 Garden Club Year Books. The top scoring books are as follows:

Class A (up to 15 members)

- First**—Country Side Garden Club, Highmore, S. D.....85%
Second—Ivy Circle, Roscoe, S. D.....82 2/3%
Third—Hoe and Hope Garden Club, Webster, S. D.....78%
Fourth—Community Garden Club, Miller, S. D.....72 2/3%

Class B (15 to 25 members)

- First**—Petal Pals, Brookings.....95 1/3%
First—Madison Garden Club, Madison95 1/3%
Second—Evergrowing Garden Club, Britton, S. D.....93 2/3%
Third—Green Thumb, Hurley..91%
Fourth—Langford Jubilee Year Book, Langford.....88%

Class C (more than 25 members)

- First**—Tri State Garden Club, Valley Springs83 2/3%
Second—Dell Rapids Garden Club, Dell Rapids.....82 2/3%
Third—Brookings Garden Club, Brookings77 2/3%
Fourth—Sunshine Garden Club Highmore75%

You can be sure that your yearbook scores high in 1962. When planning your book be sure it includes ALL the materials called for in the National Council Award rules which usually appear in the Sept.-Oct. issue of the **National Gardener** and the State Award Rules, which should be in the Nov.-Dec. issue of the **South Dakota Horticulture**.

Your cover should be able to withstand, being carried in a purse throughout the club year. The year date and the town must also be on the cover. The type of printing should be the same all through the book. Lists of previous year's achievements (i.e. 1961) and aims for forthcoming year (i.e. 1962) are very helpful to the judges.

More attention could be paid to Federation projects—at least make them a part of your studies. It takes the judges considerable time to evaluate these books, so be sure to have the book to the Year Book chairman by April 1. She must make her report by May 1, if possible.



Mums May Bloom Until Christmas—Potting mums for continuing fall bloom seems to be the favorite indoor sport. At Milbank last fall, Mrs. Helen Stengel was also following a routine similar to that outlined by Mrs. Zeller in this issue. She says, "I must tell you of a mum plant I grew this summer from a little slip you brought up last spring when you spoke here. It was budded just before time for frost so I potted it and now have a dozen blossoms. It is gold and red, and loaded with more buds. It has been fun watching it grow, as it is five feet high now."

Books Are Available—Do You Use Them?—Though many of the newer books of interest to gardeners are reviewed in our Book Nook each issue and are available to readers upon request, every garden club should have a copy of the book list obtainable from South Dakota State College.

This list contains well over 1500 titles of "Horticulturally Related Books" available to you for postage. The work comprises 28 mimeographed pages, compiled during many time-consuming sessions by Dr. Jesse Rawson so that you may know the wealth of subject matter which you may borrow for study.

It was amazing to me to find 25 books on flower arranging listed, mostly the newest and including the \$15.00 book by M. Benz, with nothing older than ten years. There are 56 books on various phases of tree and shrub care, identification, pruning and forestry. The list of General Botany books includes ecology and geography, plant breeding, genetics, plant hormones and other sub-topics.

Insects, diseases and weed pests may be studied in 47 publications, while 28 books deal with landscaping and include several which are on the required reading list for National Council Flower Show Schools. Only 12 books on roses are listed, but there are 39 titles in the library, indicating further the tremendous amount of work done by Dr. Rawson in selecting, evaluating, and listing the books which would be of most

value to South Dakota gardeners.

Only about half the total number of books are listed because of age, technical difficulties, etc. Books listed include those belonging to the South Dakota Horticulture Society as well as those in the Lincoln Memorial Library on the campus, and may be obtained in three ways;

1. Through your local library.
2. By writing to the S. D. STATE College library
3. By writing to Dr. Jesse M. Rawson, Horticulture Department, State College

Program chairmen will find these books invaluable. Do make use of them.

The D. SultnerWells Program was Superlative — No state-sponsored project has ever been acclaimed with such fervor as the "Whistler of the Camera" program by D. SultnerWells at Brookings on June 3rd. If any reader has an opportunity to see it in some other state it is well worth the time and effort to do so.

Local chairman, Mrs. Leo Monteith's efforts were a large factor in the success of the event. In addition to entertaining Mr. Wells in her home, she arranged a reception where many people had a chance to meet him and be charmed by his personality. Comments included "program was most outstanding", "A very finished artist" and "His perceptive eye makes his transparencies veritable poems in color." We have Mrs. Bingen to thank for arranging his trip to the state.

Study Your Arrangements After They Are Gone—One of the most searching methods for focusing flower arrangement faults on an exhibitor's mind is that used by The Moccasins of Luverne, Minnesota. During judging of the show a clerk takes voluminous notes of all comments and criticisms made about each design.

A photographer then takes 35mm slides of each entry and these are used at a later design-study meeting of the group. Comment cards are preserved until this meeting and as each arrangement is shown on the screen, comments are read and the design studied in relation to the remarks.

This is not a fool-proof method of study because of limitations of any one-plane picture, and the one-view from which it is taken, but it does serve to emphasize design errors in the mind of the reviewer,

Variety Featured in Dell Rapids Clubs

Gardens I Have Known was Mary Uline Dunlap's topic when she spoke at the annual Tulip Tea, sponsored by the Dell Rapids Garden Club. Her talk was a resume of beauty spots she has visited in all parts of the world during her life as a teacher in Turkey and India, and as Secretary to the world group of Congregational Churches.

Mrs. Dunlap mentioned the gardens on the hillsides of Mt. Arrarat, the flowering trees of Japan, the roses of Sweden and Russia, and the flowery path up the slopes of the North Cape in Norway, ending with a nostalgic glimpse of pioneer gardens in Dell Rapids when she was a girl. The Tulip Tea was first held 27 years ago.

Dr. Floyd B. Knowles, psychiatrist in charge of the Minnehaha County Guidance Center, brought a thought-provoking message to the Dell Rapids club when he spoke on the rehabilitation of a disturbed mind at the May meeting.

Preceding the annual Peony and Perennial show in Dell Rapids, a symposium on flower arrangements was given at the June meeting of the club. Mrs. Ernest Greening and Mrs. H. C. Crisp used slides of flower arrangements to illustrate their design adaptability to the classes for the up-coming show. With the new schedule at hand, several slides were selected to fit the qualifications required in a given class, and a discussion followed each showing. Flower arrangement slides had been taken in many shows in the mid-west as well as in Florida, and gave the audience many varied ideas.

NEW OFFICERS

President.....Mrs. Dewey Benson, Hurley
 1st vice-president— Watertown
 2nd vice-president.....Mrs. Carl Reinhold, Rapid City
 Recording secretary.....Mrs. A. J. Jensen, Aberdeen
 Corresponding secretary
Mrs. G. C. Egge, 2704 West 29th, Sioux Falls
 Treasurer.....Miss Laura Sexauer, 1326 Fourth Street, Brookings

and assist in correcting them another time. No flower arranger can afford to pass up any method of study that will enable her to improve on her techniques, and this is one of the most helpful of which I have heard.

NITA

DAKOTA HORTICULTURE

HURLEY WORKSHOP ATTRACTS WIDE ATTENTION

A series of workshops sponsored by the Green Thumb Garden Club of Hurley is the finest example of garden education, sponsored by a single club, in the state.

The Green Thumb club of less than 20 members has had exceptional representation at the Flower Show Schools from their very inception in South Dakota, and members have returned to the home club to share their knowledge.

No less than three members from this small town club have attended the Flower Show Schools at a time, and each of these students was assigned a subject learned at school to be repeated to the club during the year's programs. First to become judges were Mrs. Verna Thompson, the late Mrs. Menholt Christensen and Mrs. Francis Nelson, the latter two also becoming National Council Accredited Instructors. Later Mrs. Claude Sherard and Mrs. Dewey Benson became judges, and Mrs. Roy Eckhoff began her training in the last two schools held in the state.

With this background of intensive study, backed by Mrs. Nelson's insistence on sharing their knowledge, the club decided to expand their area of influence to other clubs in the district. A series of four workshops was set up beginning in June, and using their own club members as instructors except for the last meeting. Tickets were sold for single sessions or for the series as desired, and each visitor was given a mimeographed bulletin covering some of the points which would be taught.

The first meeting dealt with form, type and elements of flower arrangements; in July the accent was on Color in Flower Arrangements; and in August the emphasis will be on line and rhythm. The final lesson in

SIXTY-FIVE SCHOOLS REPRESENTED IN FINAL LITTERBUG CONTEST

James Abbott, age 12, Yankton, is the 1st place winner in the annual Litterbug Poster Contest, and received a week's free vacation trip to the Black Hills as his award.

For the third year in succession Yankton schools have produced the winning contestant who was given the wonderful expense-paid tour through the courtesy and cooperation of the Keep Green Association and the South Dakota Federation of Garden Clubs.

James Lickfelt, Aberdeen, placed second and would alternate to take the tour. Third place winner is Norma Legscheit, Highmore.

The Federated Garden Clubs are very happy with the way our educators and children have met the challenge to stamp out litter. The posters from 65 schools in 41 towns received by the chairman represent only a small percentage of those that actually participated in the contest, as most towns and schools send their posters to the nearest garden club for screening. Only the winners in each locality are sent to the state chairman and the final judging included 20 posters judged at Artesian by members of the Madison Garden Clubs, Mrs. Lawr-

September will be presented by guest speaker, Mrs. Chester Holm, Luverne, Minnesota.

The club expected — hoped — to have an audience of about 35 but were amazed and delighted to find they had sold over 70 season tickets, mostly to members of other clubs in the district.

What this club has done to educate the public, other clubs can do too.

ence Rensch, Mrs. Cliff Norton and Mrs. Alvin Budde. Judges were not aware of where the posters came from until all judging was completed.

The contest produced a good response from all parts of the state. Aberdeen and Rapid City always send very nice posters from nine and six schools respectively. Aurora, Eden, Alpena, Mt. Vernon, Chamberlain, Pierpont, Bristol and Roslyn are all new towns on my list and probably many other towns never made it past the garden clubs. It is worthy of note that not one of the new towns named, has a garden club, showing the wide influence of the program.

Honorable Mention in the upper grades went to: Janet Lassle, Aberdeen; Karen McKee, Yankton; Mary Ellen Holger, Webster; Bonnie Jean Biskeborn, Chamberlain; Sandra Coates, Madison; David Boukol, Webster; Carol Marie Stoley, Highmore; Cynthia Bicknell, Yankton; Gay Peterson, Holabird and Sandra Crandall, Huron.

Centerville, which also had an award winner last year, placed first in the lower grades with first prize going to fifth grader Nanette Dailey; second place to Tom Drake, who is in Grade One, Lennox; and third to Jeanne Burke, fifth grade, Rapid City.

Honorable mention in this group: Marian Beitelspacher, Aberdeen; Dale Gullickson, Roslyn; Richard Thomle, Aberdeen; Juanita Gote, Aberdeen; Mark Dunlop, Aurora; Trent Van Bockern, Canton; Carol Bork, Granville; Wayne M. Davey, Hurley; Barbara Braun, Aberdeen; Ralph Thingelstad, Holabird; and Kaye Johnson, Webster.

MRS. ALEENE SCOTT, Artesian
Litterbug Chairman

HOME OF *Seeds and Trees That Grow
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Gurney Seed and Nursery Co.
YANKTON, SOUTH DAKOTA

Garden Club Gleanings

COMPILED by MRS. DEWEY BENSON

Fair City Club Continues Active

The February meeting was "blizzed" out so the club really made up for it in March by voting to take out a membership in the Keep South Dakota Green Association and also put the club on the honor roll of the National Gardener Magazine by taking out a 100% membership subscription.

For their Arbor Day project, two golden floribunda Girl Scout Roses were given to the Girl Scouts to be planted at their Woodlands Lodge Camp. However the supply for 1961 was gone, so cannot get them until spring of 1962. As dry as it is here, maybe it is just as well. For the March program we had an interesting House Plant Panel—also a house plant slip exchange.

Our April Meeting was a public meeting with about 75 in attendance from the Huron clubs, Artesian and Girl Scout troop, and other guests of members. Slides from the Lehman Mum Gardens at Faribault, Minnesota, were enjoyed.

The Mothers PTA Chorus sang several numbers. The Tea table was attractive with a lace cloth over yellow and centered with an arrangement of daffodils, flowering dogwood and currant in brown glass with matching candle holders with yellow tapers. Arrangement by Hazel Zeller. Draw prizes were given.

Dell Rapids Juniors True to Their Name

The Lovers of American Beauty Junior Gardeners proved themselves in love with native beauty when a small group of them met at the George M. Jorgensen home to study spring wildlings. A field trip to the Dells climaxed the meeting when they were able to find and identify 32 varieties of blossoming plants growing there. Adult leader from the Dell Rapids Garden Club is Mrs. Lyman Merry.

Viborg Club Celebrates Tenth Anniversary

June 1961 is the tenth anniversary of the Viborg Garden Club. They are making tentative plans for a Flower Show to commemorate the event.

In March Clifford Smith of Vermillion met with them and showed his Iris slides. Of course he told them much about iris, and answered

the numerous questions that the iris growers, and this club has many, put to him.

In April a "Pruning Demonstration" was the order of the day. Darrell Pahl was unable to come so County Agent Noony of showed slides, answered questions, and gave an outside demonstration at the Harry Long home. This was a very enjoyable and profitable meeting.

Hurley Club Judges Arrangements Each Meeting

At the May meeting of the Green Thumb Garden Club Mrs. George Sherbondy and Mrs. Ralph Long demonstrated "Good potting mixtures" and "How to pot a plant." And did those two do a bang up job, doesn't sound interesting, but they surely made it so. We always have a class in flower arrangement at every meeting, and four members assigned to bring for that class. This time the class was "Beauty from the Orient"—Something in the Japanese Manner. Then we judge them. There were some very nice arrangements.

Rapid City Club Chooses Petunia

The Rapid City Garden Club met at the Montana-Dakota Utilities Hospitality room with a pot-luck supper. Hostesses for the evening were Mrs. Ralph Mansefield and Mrs. Ross Fransen. A large group attended with one guest, Mrs. William Coleman of New Underwood.

The Litterbug Posters were on display. The Petunia was chosen the flower of the year to be used for the fair. Plans were made for the tulip display held in May.

The program consisted of a flower arrangement by Mrs. Katerine Brimm and Mrs. Carl Rienhold. Panel discussion consisting of questions on garden plants and flowers, with Mrs. Faye Poulee as moderator.

Centerville Garden Club Held June Flower Show

The Centerville Garden Club is an up and coming group. They scheduled a big civic planting day on May 22. On that day they planted all the annuals at their civic improvement grounds. Also they worked on flower show plans for a Standard Show which was held in June. They have not had a flower show for a number of years, so our con-

gratulations go out to Centerville for making this big step, and our well wishes that they will make many more strides forward.

Prairie Planters Influence Artisian Community

At Artesian 260 visitors registered to see their spring flower show. Women from three counties annually depend on this small, non-federated club to create and display designs of floral beauty for them to see. Best arrangement in the show went to a new member of the club—a big encouragement for possible future members. In spite of having picked many flowers for the show and for the annual reception for the teachers, a group toured Mrs. Alden Scott's garden a few days after the show.

Crooks Garden Circle Works at Terrariums

The Rural Garden Circle met at the Fireman's Hall in Crooks on April 27. Four members who had attended the District V benefit meeting for Mental Health in Sioux Falls gave their reports.

A very interesting workshop on terrariums and bottle gardens was conducted by Olga Johnson and Neva Olson. Members brought their own plants and containers and learned how to make some very interesting terrariums.

The club plans for June included a flower show and a tour of Sioux Falls parks.

Mrs. J. M. Otterby, reporter

Green Growers Study Houseplant Diseases

Causes of unhealthy appearance of houseplants was the roll call topic for the February meeting of the Green Growers Garden Club of Baltic. Three demonstrations of interpretative arrangements were displayed by Mrs. Leonard Tidemann, Mrs. George Moe and Mrs. Vern Lewis, using the observance of February holidays for their inspiration. Arrangements were made for Valentine's Day, and for Washington and Lincoln's birthday. The club also sponsored the Litterbug contest in the public school.

I feel rather blue to think it now is the time

When the Gleanings correspondence will not be mine.

I want to thank you one and all

Who have sent me letters of news—large or small;

And I hope you will continue as in the past

To support Mrs. K. C. Egge in this task.

Mrs. Dewey Benson

DAKOTA HORTICULTURE