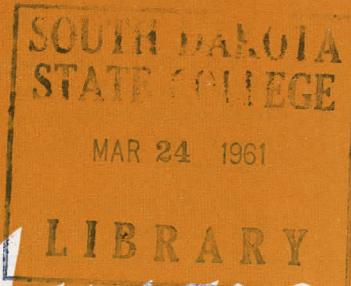


Volume 31, No. 5

Sept.-Oct., 1958

**SOUTH DAKOTA**

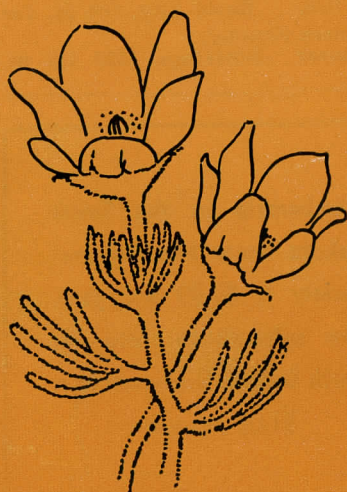


# Horticulture

## IN THIS ISSUE

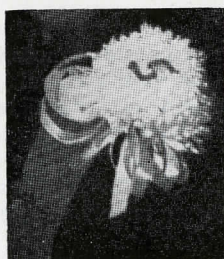
### See 50 Kinds of Apples; All Grown in South Dakota

Yes, apples can be grown in this state! R. E. Jack proves this question with his orchard that contains between 60 and 70 kinds—and all of them have some good points. See his State Fair display on page 3. This year, Jack had 35 fruit exhibits that rated somewhere in the top three of their class.



Pasque Flower  
*Anemone patens*

State Flower for  
South Dakota



### Mums for Hobo Day

Pretty girls and pretty flowers go well together any time. But on Hobo Day at State College, 'Mum's' the word—and the flower that everybody wears. On page 6 you can read two articles that tell how and why some of these huge chrysanthemums are produced and sold by the Horticulture-Forestry Club members.

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# Secretary's Notes . . .

By Dean Martin

This issue of South Dakota Horticulture includes a brief summary of some of the activities of the State Fair just as the last issue reported on the convention.

We are sorry to be a little late again this time. Seem as how your secretary and our editor, John Pates, have been quite involved in State Fair and other activities in connection with their other work as Extension Service employees of South Dakota State College. We hope you will bear with us since at certain times of the year the work sort of piles up on us.

We hope that many of you had the opportunity to visit the State Fair this year. Most opinions are that this was a very fine fair although there is still room for improvement. Have you ever considered what the Fair would be like without all the questionable mid-way attractions?

Many people remarked that the Horticulture Building displays were better than ever this year. We want to compliment Mrs. Severance and her helpers from Huron who did such a wonderful job of superintending the building. I am sure they would welcome any suggestions you might have for improving this part of the Fair.

Approximately 1,750 people stopped by the Horticulture—Garden Club exhibit in the Horticulture Building to sign the registration book and become eligible for a chance to win a free subscription to Dakota Horticulture or the Lillian Gibson Rose which were offered as free prizes. The winners are listed at the end of this column.

We want to thank all those people that assisted in attending the exhibit during Fair week.

The usual exhibitors—The Gurney Nursery of Yankton, Walker Florists of Huron, The Garden Clubs of Huron, R. E. Jack of Arlington, the South Dakota Potato Growers, all had outstanding exhibits at the Fair again this year.

The 4-H Garden Exhibits were down in numbers this year but the quality was good. The dry summer apparently took its toll of purple ribbons at the various county achievement days. We want to compliment

the 4-H Boys and Girls for the good job they are doing.

We had our first frost in Brookings this morning (September 17th). The garden doesn't look too bad. There was ice frozen on the car windows at 6:30 a.m.

Now is the time to start planning and doing all those fall chores that need to be done. It is wonderful to have our Indian summers in order to get ready for winter.

The next issue will be Vol. 31 No. 6. We would welcome any suggestions you might have for this last issue of 1958. It is due on December 1st or thereabouts. Any resolutions or forecasts for 1959?

School bells have been ringing around South Dakota since late August but they will start here at State College on September 22nd. Freshmen are arriving on the campus as this is being written. Enrollment may reach 3,800 this year. It is more than a bee hive of activity outside my window here on the campus.

See you next month!

## Winners of Prizes at State Fair Horticulture-Garden Club Exhibit

### Subscriptions:

Monday—Allan Seaver, Raymond, S. D.

Tuesday—Mrs. Howard Peterson, Estelline, S. D.

Wednesday—Mr. Abe Boelson, Marion, S. D.

Thursday—Mrs. Fred Harsto, White Lake, S. D.

Friday—Duane L. Johnson, Letcher, S. D.

Saturday—Mary Fleming, Salem, S. D.

Lillian Gibson Rose Bush: Mrs. Aleida Schlotter, Doland, S. D.

Through the use of a huge campaign which provided motorists with litterbags for trash accumulations and bright colored oil drum receptacles where filled bags can be dumped, the state of Ohio has cut its highway cleaning bill by \$200,000 annually. The thanks go largely to litterbags.

September-October, 1958

Vol. 31

No. 5

Entered as second class matter at the Post Office at Brookings, So. Dakota, under the act of August 24, 1912. Published bi-monthly at Brookings, S. Dak., by the State Horticultural Society. Dean M. Martin, Secretary.

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Membership in the South Dakota State Horticultural Society is \$1.00 per year. The subscription rate for South Dakota Horticulture is \$1.00 per year.

DAKOTA HORTICULTURE



## Forty Three Purple Ribbon Placings In State Fair 4-H Garden Exhibits

Forty-three purple ribbons were earned by 4-H club members exhibiting fruits and vegetables at the 1958 State Fair. There were over 670 individual garden exhibit entries in 4-H.

Top awards along with the name of the individual and the county represented are listed here:

**ONIONS:** Market, Allen Dewald, Hutchinson; Dry, Marion Thorson, Lincoln; Green Bunch, Joan Stee, Deuel.

**POPCORN:** Marlene Hoose, Hutchinson.

**CABBAGE:** Pointed, Sharon Person, Marshall; Round Head, Larry Paulson, Moody; Flat Head, Elaine Merges, Moody.

**CAULIFLOWER:** Lois Usselman, Edmunds.

**BEANS:** Green Snap, Leroy Mayer, Dewey; Yellow Snap (round), Gay Eckoff, McCook; Yellow Snap (flat), Jr. Salmonson, Hamlin; Lima (small pod), JoAnn Fox, Miner; Lima (large seed), Mickey Sippel, Brown.

**BEETS:** (small), Jerry Duchene, Hyde; (large), Robert Petik, Corson.

**PARSNIPS:** Roger Pavlis, Charles Mix.

**TURNIPS:** Jerry Huntington, Pennington.

**POTATOES:** Market White, Marlene Kogel, Jerauld; Market Red, Sandra Sundstrom, Sanborn; Early Ohio, Miriam Parish, Charles Mix; Irish Cobbler, Darlene Beckler, Brown; Bliss Triumph, Karen Schulz, Moody;

Pontiac, Dick Feltman, Brule; LaSoda, Ellenklatt Hayel, Hamlin; Kennebec, David Olson, Brown; other varieties, Diane Ziemer, Roberts.

**WATERMELON:** small, Paul Symens, Marshall; large, Eldon Riech, Hutchinson.

**CUCUMBERS:** Over 6 inches, Ted Brewer, Sanborn.

**SQUASH:** Cocozelle, Doreen Wiersma, Brookings; Zucchini, Dennis Rrunick, Lake; Acorn, James McDaniel, Minnehaha; Buttercup, Jay Lingo, Minnehaha; Small winter, Eldon Reich, Hutchinson; Winter, Reynold Stevans, Marshall.

**PUMPKIN:** Small, Illa Buckendahl, Spink; Large, Bryan Stevens, Marshall.

**EGGPLANT:** Diana Borrington, Yankton.

**PEPPERS:** Pointed Type: Larry Williams, Hamlin; Blocky type, Elroy Limmer, Minnehaha.

**TOMATOES:** Wayne Beckler, Brown.

## Apple Enemy No. 1— The Apple Maggot

*By S. A. McCrory*

Recently a local farmer brought in a sample of apples badly infested with apple maggots. These brown streaks throughout the flesh of the apple were worse in the early varieties but had damaged the late varieties, too. He had applied five applications of a recommended spray but had failed to pro-

tect the fruit. This suggests that we need to adjust the control measures to something beyond the spray program.

The injury is caused by the maggot of a fly. In our area the adult flies appear in early July and continue abundant until cold weather. The first few weeks after emergence the adults spend their time resting on the leaves and lap up moisture from fruit and leaf surface. It is at this time that we destroy them with either a contact or poisonous insecticide which has been sprayed on the apple tree.

Unfortunately, not all the insects are to be found about the apple trees but may be elsewhere and move into the fruit tree shortly before harvest and thus avoid the insecticide. The female may then lay eggs at will and is capable of producing several hundred. With a sharp ovipositor she can puncture the skin of the apple and insert an egg directly into the pulp of the apple.

It sometimes happens that fruit will show no injury at harvest but go down in storage. If the maggot is not disturbed it will escape through the skin of the decayed apple and burrow an inch or two into the soil and hibernate during the winter. The following summer it will emerge as an adult fly and start all over on the next crop.

A control measure generally neglected is the destruction of the wormy apples in the summer and fall. Not only your own but the neighbors as well. The maggot does not generally emerge before the fruit drops, thus by destroying the fruit then, much can be done to protect the crop the following year.

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## Mum's the Word

by Willard Witte

Once again the beauty queens riding in the traditional Hobo Day parade at South Dakota State College will adorn themselves with huge yellow chrysanthemums decorated with blue and yellow ribbons and a big blue 'S' in the center. Mothers, sweethearts, daughters and grandmothers will be wearing them too!

Many of these will be the result of efforts put forth by the Horticulture-Forestry Club at South Dakota State College. The production of "Mums" is their biggest project during the year.

One student is in charge of planting and growing them during the summer months. He must see to it that the crop will be in full bloom just before Hobo Day. Naturally this involves a bit of manipulation with lights and shade cloth—since the date is a little different every year.

The mums are cut and conditioned. Hundreds of bows and chenille 'S's' are made up ahead of time. Then the night before Hobo Day, these energetic college students set up an assembly line and go to work. The finished product is the attractive corsage like the one this campus beauty wore during the Hobo Day parade last year.



By morning the work is complete and the flowers are usually in the hands of customers before 10 a.m.

The production of mums for Hobo Day is more than just a project to keep members of the horticulture-forestry club busy. To each student involved this represents experience in the field of horticulture. He gains skill in handling a perishable product and a knowledge of human relations in contacts with customers.

## A Handful Of Busy Men

By Duane Hammer

During September approximately 15 students at South Dakota State College gathered together to plan some important strategy for the coming homecoming parade. Although their numbers are not large the task which they take on each year is a big one. The group of which I speak make up the Horticulture-Forestry Club at South Dakota State College.

The first big concern of every organization on campus in the fall is, of course, Hobo Day. However, while other groups worry and wonder only about building a float, this handful of men have another large project that receives half their time and attention. That is the production of corsages for the occasion. (See the special story elsewhere on this page.)

Of course this is no serious problem for this group. After all we have been handling it for years. Many of the decisions are made even before the final exams are taken in the spring. The number of mums needed is estimated and committees are carefully organized to deal with details that need tending before that big day in October.

The group can't take chances with this project since its success has a lot to do with club activities during the remainder of the year. All money received from the sale of mums is used to carry on subsequent club activities.

The next club project during the school year will be the sale of Christ-

(Continued on page 7)

## USE THIS CONVENIENT COUPON!

State Horticultural Society, Horticulture Department, College Station, Brookings,

☐ Enclosed is \$1.00 for a 1-year (6 issues), subscription to DAKOTA HORTICULTURE, South Dakota's own horticulture magazine.

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Mail this coupon, including name and address and your payment to:

DEAN MARTIN, Secretary  
State Horticultural Society,  
College Station, Brookings, South Dakota



## Busy Men—

(Continued from page 6)

mas decorations; later we will also sponsor a flower show and display at the Little International, an agricultural and home economics exposition which is held on the State College campus every spring. In addition this group handles many interdepartmental activities such as a fall get-acquainted party for students and faculty of the horticulture department, open house functions, etc.

One of the objectives listed in the constitution of this organization says the club should bring about a mutual understanding between students enrolled in horticulture and forestry. Working together is probably the only way to really reach this objective. When students serve as chairmen or members of a committee they also have an opportunity to meet and work with faculty members and other people in the Horticulture profession. These contacts help us understand the profession which we have chosen to follow.

If you are interested in entering the field of horticulture or forestry and

are planning on entering South Dakota State College, you will be interested in joining our organization. The experience you get as a member of the Horticulture-Forestry Club will be a fine supplement to the course work. It will help prepare you for the job you take when you graduate.

## Litterbugs Are Costly Menace

Litterbugs are a costly menace on American highways, besides despoiling the beauty of the countryside.

Keep America Beautiful, Inc., informs the Department of Game, Fish and Parks that it took over \$50,000,000 last year just to remove litter from primary highways. The U. S. Forest Service budgeted \$3,000,000 to clean up the mess left by picnickers and tourists in the nation forests this year.

South Dakota has its share of the highway hogs also. The annual tab here is estimated at between \$75,000 and \$80,000.

The National Safety Council says that between 750 and 1,000 Americans are killed each year and about 100,000 injured as a result of cars striking or swerving to avoid objects thrown on the highways.

In addition, litter-caused fires results in about a \$70,000,000 loss annually.

## Badger Clark Memorial Attracts 1,000 Visitors Per Month

"The Badger Hole," home of the late Badger Clark, former poet laureate of South Dakota, had its 3,000th visitor by August 20, a little over three months since its dedication.

W. B. Elley, custodian of the memorial, says Miss Mary Lee Hagen of Huron was the 3,000th person to sign the register.

The Game, Fish and Parks Commission acquired the contents of Clark's cabin in order to preserve them for the public. Clark lived in "the Badger Hole" in Custer State Park for nearly 30 years, before dying last fall.

"We have had visitors from 31 states, the Virgin Islands, one foreign country, and Canada and Alaska," Elley says. "The last two weeks the visitors have just about doubled the daily attendance."

A dedication edition of "Sky Lines and Wood Smoke," one of Clark's better known volumes of poetry, is currently in demand as a souvenir by visitors, Elley adds.

Wayside.....



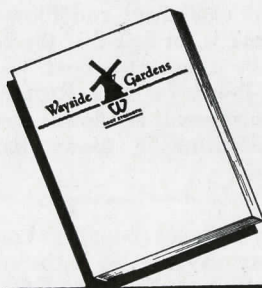
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Gardens



## Some Favorite Dakota Wildings

By Fannie Mahood Heath

*Ranunculus rhomboideus*. LABRADOR BUTTERCUP. In cultivation in a dry, sunny spot, or in a light, woody soil in half shade, it may be almost spherical in shape, 4-5 in. across and have 30-50 blossoms open at a time. Disappears after blooming.

*Ratibida columnifera*. UPRIGHT PRAIRIE CONE FLOWER. When growing wild each plant may have only one blossom or more; when cultivated, a single plant may produce hundreds of blossoms and give constant bloom from late June until frost.

*Rumex crispus*. VEINY DOCK. The papery fruit varying from old rose to light red will keep in perfect condition for weeks. Desirable for winter bouquets.

*Scutellaria parvula*. (leopardi). SMALL SKULLCAP. In the wild it is unattractive. In cultivation, in a dry, sunny spot in gravelly soil it may become a splendid clump of wiry, little stems and crinkly leaves that are very attractive.

*S. resinosa*. RESINOUS SKULLCAP. A treasure for the rock garden.

*Solidago rigida*. STIFF GOLDEN-ROD. Although very common it is very beautiful when well grown.

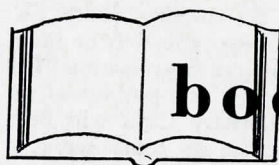
*Sphaeralcea coccinea*. (Malvastrum coccineum.) SCARLET GLOBEMALLOW. No plant in my collection has shown more improvement in cultivation. When given a mellow soil of decayed sods, leaf mould, and a sprinkling of very fine sand, in a well drained, sunny location, it improves amazingly.

*Verbascum Thapsus*. FLANNEL MULLEIN. Plant in groups against a tall, dark background.

*Veronia fasciculata*. WESTERN IRONWEED. Purple heads. Gathered just as they open, dried thoroughly, they are fine for winter bouquets. Grow in partial shade of full sun, in heavy soil in a low, moist place.

*Viola adunca*. HOOK VIOLET. Tiny, but a plant may have a dozen or more perfect blossoms at one time.

*V. pedatifida*. PRAIRIE VIOLET. The most beautiful and satisfactory Violet I have grown. Fine edging plant. Does not spread. Forms splendid clumps.



## book review

### The Art of Flower And Foliage Arrangement

by Anna Hong Rutt

The MacMillan Company, New York  
Reviewed by Juanita Jorgensen

Did you ever make a floral design which appeared to be so perfect in every way that it would surely win honors for you—only to have the judge say that its "visual weight" threw it out of balance, or it "lacked the proper proportion of materials"? Well, who hasn't had that experience? All flower arrangers give thought to

the principles of good design, and every Flower Show School student has learned the terms by heart, but how many know their meaning well enough to apply them to their practice?

Now there is an exciting new book which is a departure from the dry explanations of flower arrangement terms, and which shows the reader exactly how to put its precepts into practice. Having been Head of the Art Department of Northwestern University for many years, the author, Mrs. Rutt, applies the methods of a good instructor to her book, first analyzing, then providing projects for the direct application of the analysis. Every chapter is supplemented with a list of problems to solve. Not only the principles and elements are taught, but every type of flower arrangement is explained as well as methods of conforming to a theme in a flower show schedule. Approximately one-half the book is devoted to methods of making arrangements, with or without flowers, and one whole chapter presents actual "recipes" for making ten floral decorations. You just cannot go wrong with this book.

Ninety-six photographs graphically illustrate the text, and many of them indicate errors and methods of improving a design. An unusual feature is added in an index of the plants used in the illustrations so you have quick reference for using any plant materials you may happen to have on hand at a given time. Though not a large book it effectively covers the lectures in a five-course flower show school, and will surely replace a great many out-moded books on flower arrangement.

Climaxing the recommendation for "The Art of Foliage and Flower Arrangement" is the fact that the book is written by someone whom we have met and heard, for Mrs. Rutt will be well remembered as flower arrangement instructor in Sioux Falls in 1951.

Today's little thought: Laugh a little every day . . . it is the straight road to the best there is in life.

*V. rugulosa*. CHEYENNE VIOLET. Spreads rapidly but fine for waste places or children's gardens. Blooms nearly all summer.

(Additional botanical information may be found in "North Dakota Plants," by O. A. Stevens.)

### New Campground Operating At Capacity

It may be more fiction than fact that the average American doesn't exert himself any more than is necessary to turn the knobs on his television set.

At least, outdoor living seems to be more popular than ever this summer, and you don't pitch a tent by turning a dial.

Bob Gage, assistant district forester at Pierre, says that a new camp ground recently built by the Department of Game, Fish and Parks at Farm Island State Park, had 531 campers as of last month at an average of 25 to 27 a night. The new camp has a normal capacity of 24 campers, and a maximum capacity of 35.

Layout of the new camp ground involved installation of 24 picnic tables and fireplaces, two wells and four toilets.

The campers seem to enjoy it. "Everybody comes in the morning and tells us how well they like it," Gage says.

Previously, campers had to stay on the Farm Island picnic grounds which had a maximum capacity of 14.





SOUTH DAKOTA

# Federation of GARDEN CLUBS NEWS

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

## More Awards Approved At Annual SDFGC Board Meeting in Huron

Members of the board of the South Dakota Federation of Garden Clubs approved several new awards for promotional work in various departments at their regular fall meeting held in Huron, August 9.

In spite of the warm weather 18 officials were present at the meeting called by Mrs. Vern Tompkins, president.

Proposals for a greatly expanded anti-litter campaign, with expenditures up to \$150.00, met with unanimous approval. This will include the annual poster contest which will get under way this fall. See details elsewhere.

The list of objectives agreed upon includes a decision to purchase a stone bench as part of the furnishings for the Permanent Home in St. Louis. This will cost approximately \$150.00 and is to honor Mrs. D. S. Baughman, Madison, Permanent Home Chairman. According to the architect in charge, the bench will be serviceable for 1,000 years! A worthy tribute to her efforts in making the state a 100% permanent home supporter.

The conservation essay contest, which was off to a late start last year, will be stressed as part of the school work among grade children all over the state. It must be sponsored by a garden club, whose members judge the essays locally and send the winning entries to their District President, or to the State Conservation Chairman, Mrs. Frank Eisenlohr, Webster. Cash awards are \$3.00, \$2.00 and \$1.00, but local clubs may promote the contest in any way they see fit. Essays are limited to 500 words or less, and must be written on one side of the paper

only. Any child in grades 4 through 8 is eligible. Topic is Wild Flowers and Their Protection.

One more cash award contest is the Nature Scrap Book contest in charge of the State Junior Gardener Chairman, for which information will be found elsewhere in this issue. Prizes are \$3.00, \$2.00 and \$1.00.

A \$3.00 award for horticultural promotion will be given to any Federated Garden Club, which ties in with the national theme "Our Horticultural Heritage," again another year. The project involves the promotion of any special plant—trees, flowers or shrubs—in a community. It differs from the Civic Award in that it is designed to encourage the general public to participate in the planting program.

We must continually grow more and better plant material in order to create lasting beauty for our country.

The annual Slides Contest is to be  
(Continued on page 14)

## 1959 State Convention To Be At Rapid City

An invitation to hold the 1959 State Horticulture and Garden Club convention at Rapid City was unanimously approved by board members of the Federation of Garden Clubs at their regular fall meeting held in Huron, August 9.

According to Federation President Mrs. Vern Tompkins of Highmore, the dates will be June 25 through 27. She suggested that gardeners make plans now to attend.

## \$150 EARMARKED FOR LITTERBUG CONTEST

The greatly expanded Litterbug Contest for the coming year will include expenditures to the amount of \$150.00 in prizes and promotional work. Details of the prizes are being worked out at the present time and will appear soon, but all contestants and all garden clubs who sponsor the contests should begin at once so the work will not interfere with school work later on in the year.

1. The contest begins October 15 and will end on April 1, 1959. Garden clubs should notify all teachers in their area.

2. Posters must be approximately 11 inches by 17 inches. Sizes may vary somewhat, but must not be smaller than the above figures.

3. Any medium of expression may be used, paints, crayon, or pasting and cutting will be accepted.

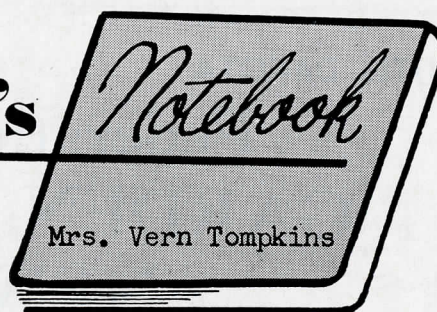
4. The contest is open to any child in the first eight grades of school.

5. Contests must be sponsored through the local garden club, where the entries are judged and screened out, the best being sent to the District President or to the State Chairman, Mrs. Frank Eisenlohr, Webster. Where there is no club in a town, a club may sponsor a contest in any of the surrounding territory. Where there is more than one club in one town, work together.

Removing trash from along the highways now costs three times as much as our roadside parks. South Dakota's total is estimated between \$75,000 and \$80,000.



# President's



Your President has just mailed letters to all fifty-four of the clubs in the Federation, explaining once more about the per capita. Member clubs please bear in mind that the per capita for your entire club should be sent in at one time in the future. Have a deadline for all dues to be in, or take it from your treasury, but do send it in all at once. The State officers are all busy people, and there are many ways in which we can help each other.

A letter from Mrs. J. B. Collins, National Membership Chairman, states that the state showing the largest percent increase in membership this year will be honored at the National convention at St. Louis next May. Let us work for more clubs and more members in each club.

The chairman of the various State projects are to get their contests set up and rules published before the first of the year, so that there is more time to work on contests before the rush of spring, school closing, etc.

The Litterbug program is being enlarged and prizes will be well worth working for. By the way, the Litterbug, made by Mrs. Backeburg and other members of the Winner Garden club, made the trip to the National convention at Seattle, had its picture in at least one State publication, that of Pennsylvania, and is now about to start on its way to Ohio for their State convention. Hats off to the Winner ladies. Methinks they have more pep than some other clubs.

Is your club subscribing to the South Dakota Horticulture magazine

for your Public Library, or one in an adjoining town? For the \$1.00 spent, that is a very good to 'spread the word' about our Federation and Garden club work in general.

Much has been accomplished in the year just past. Let us make the next year bigger and better in every way.

## From the

## COMPOST PILE

Have you ever made an arrangement of pasque flowers? It took Mrs. Vern Tompkins to do that, and to send a slide of it to be added to Natinoal Council's collection of state flower arrangements. Mrs. Bouldin, National Chairman of the project, expects the collection of 48 slides to be ready for loan to clubs this fall.

Fame for Someone—Three South Dakota gardeners have been named by their respective garden clubs as the "Gardener of the Year" in a nationwide competition among non-professional gardeners. They are Mrs. Homer J. Givens, Brookings; Mrs. L. B. Benney, Parker, and Mrs. Marion Scott, Valley Springs. The selection of the winner was based on scores made in a 100-question written examination, designed to test garden knowledge. Most garden clubs received information on the test, but not all clubs picked a contestant to write the examinations.

It was with new interest that we noted roadside parks across the state on Highway 16 this year. Of the seven parks we saw between Sioux Falls and Rapid City, not one had less than two cars parked within its borders. One had eight cars including two tents and a house trailer; and the one near

(Continued on page 14)

## Regional Meeting Held In Kansas City, October 2-3

The Town House Hotel at 7th and State Avenue in Kansas City, Kansas was the headquarters for the twenty-third annual meeting of the Rocky Mountain Region, National Council of State Garden Clubs, on October 2 and 3, 1958.

This meeting was a blending of ideas of the Garden Club Members from the seven states comprising the Rocky Mountain Region: Colorado, Kansas, Montana, Nebraska, South Dakota, Utah and Wyoming. All garden club members are not only eligible, but were most welcome to attend the entire meeting.

Mrs. Garnett S. Cuddy of Mission, Kansas, is Regional Director. Kansas hostesses were:

Mrs. Richard Mermis of Hays, Kansas, president of Kansas Associated Garden Clubs; Mrs. C. E. Parks, Kansas City, Mo., Director of East Central District of Kansas Associated Garden Clubs; and Mrs. Stewart Jamison, Overland Park, Kansas, who is Convention Chairman.

An outstanding program was planned around the theme, Building for Tomorrow. On the evening of October 2 there was an informal reception at the Town House with Mrs. Cuddy and Mrs. Parks as hostesses. The following day, October 3, was filled with interesting talks, panels, demonstrations and entertainment. Among the speakers was Dr. John Phillip Bumgardt, Director of the new Garden Center for Greater Kansas City. Mrs. Gilbert Miller, whose arrangements appear in the Kansas City Star each Sunday, who did a flower arrangement program at the luncheon meeting. There were other entertaining and authoritative speakers.

DUES WILL BE DUE BEFORE YOU KNOW IT. JANUARY FIRST IS THE DATE, \$1.00 PER PERSON. SOUTH DAKOTA HORTICULTURE SUBSCRIPTIONS EXPIRE WITH THE NOV.-DEC. ISSUE. RENEW AT \$1.00 PER YEAR.

DAKOTA HORTICULTURE



## Nature Scrapbook Rules Outlined

1. Covers are not to exceed 20 inches in any dimension.

2. The name of the boy or girl, school, age from 8-12, and grade is to be in each book.

3. There must be a table of contents and pages must be numbered.

4. All books must be judged by a committee from your local Garden Club or Clubs. The best book will be taken to Rapid City and judged by a committee, appointed by the State Chairman of Junior Clubs. Judging Points for Nature Scrapbook.

FORM, (cover, table of contents, classification of materials) ..... 20 pts.  
EDUCATION VALUE ..... 20 pts.  
SUBJECT MATTER ..... 30 pts.  
ARTISTIC DEVELOP-

MENT (lettering, pictures, arrangement) ..... 30 pts.

Cash prizes of \$3, \$2, and \$1 will be given for the three best books.

Suggestions for Scrapbook: Name three annuals, tell about one you have grown. Name three wild flowers, tell about your favorite. Name three weeds and how to destroy them. Name three harmful insects and how to get rid of them. Make a list of all the birds you have seen and tell about your favorite bird. Do you feed and protect the birds in your yard? Tell about a hike you have taken and all the things of interest you observed. Clippings, pictures, pressed specimens etc., can be used.

Start planning and collecting material for your notebooks now, let it be a year round project. Garden Clubs planning to organize Junior Clubs may obtain a free "JUNIOR MANUAL in Gardening," from National Council of Garden Clubs, Inc., Essex House, 160 Central Park South, New York 19, New York. The Iowa Junior Gardening Manual costs 30c plus postage and may be ordered from Mr. Glen Raines, St. House, Des Moines, Iowa.

"Enshrine beauty in the heart of a child and all discord will melt into harmony."

Our National Slogan is "JUNIOR SPROUTS GROW WITH US." Let us all help children grow in the joys of gardening.

MRS. MILO SHULTZ  
131 5th N.E.,  
Huron, S. D.

**DAKOTA HORTICULTURE**

## Mrs. Baughman Honored



Prof. S. A. McCrory, President of the Horticulture Society; Mrs. D. S. Baughman, Madison, Permanent Home Chairman; and Mrs. Vern Tompkins, President of the South Dakota Federation of Garden Clubs, taken at Madison during the convention. Mrs. Baughman had just been honored by the Federation for the work she did to get 100% of the garden clubs to support the Permanent Home.

## NAT'L RECOMMENDS CONSERVATION PROGRAM

National Council recommends the following programs and activities for every garden club:

1. Have at least one meeting a year devoted entirely to conservation. This would include the study of some resource, as water, forests, or soil; on special problems connected with human conservation, as floods, pollution, and waste; or something on current issues.

2. Call for a report by the conservation chairman at EVERY meeting. This could include matters of local and national interest in the current news.

3. Carry on one continuous project throughout the years.

4. Have conservation displays at every flower show within convenient distance.

## No Junior Garden Club? Try This With Any Group

Mrs. Leo Monteith, President of the Petal Pals of Brookings, writes: "A Girl Scout troop called to ask permission to plant a Hopa Crab on Arbor Day, so I obtained the city's sanction to have it planted at the water tower. There were 27 girls and four leaders. Then they wanted another

project, so I suggested that they have a window box made for the voting house at the same site, and then put in their own plantings. The leaders have arranged for certain girls to come during the summer and check on the water, plant development, etc. so I think they will get along all right. I know the little act pleased the Commissioner, Mr. Gamble, very much."

A new Junior Green Thumb Garden Club was later organized by the adult club, and 12 of the youngsters sang the Smoky Bear song at the annual Delphinium Tea on July 2. Mrs. Beulah Shaw is leader and has a wonderful program lined up for them.

## Compact Mums in Prospect

Extremely short-stemmed chrysanthemum plants bearing full-sized blossoms have resulted from work of USDA plant scientists with a new chemical growth retardant, Amo-1618. These tiny plants are ideal for small, well-shaped potted flowers.

The chemical has been tested on many plants. So far, a few in addition to chrysanthemums have proved responsive to the chemical in varying degrees. They include beans, calliopsis, sunflower, salvia, and sesame.

Home gardeners may someday use Amo-1618 on their own mums. However, until industry develops a practical way of manufacturing the chemical, only a few researchers will get it.



## Glitterbug Counteracts Litterbug



### Flower Show Awards Listed

by Mrs. Francis Nelson, Hurley

I have had so many inquiries about National Council Flower Show awards that I have prepared the following condensed list of National Awards and the requirements for each:

**AWARDS YEAR**—January 1st to January 1st, annually.

**DEADLINE**—All applications and all supporting evidence shall be in the hands of the National Chairman of Awards on or before January 15th of each year. This means that it should be in the hands of the state chairman before January 1.

Only clubs that are members of a state federation and National Council of Garden clubs may apply for National Council awards. Junior clubs must be sponsored by a member club to be eligible for an award. All applications must be signed by state president. Proper forms for applications for awards may be obtained from the State Chairman of Awards or the National Chairman of Awards.

**AWARDS**—It is possible for clubs in the state to earn the following awards since they are non-competitive with other state federations:

**Award #5—Purple Ribbon**—for a standard show staged by ONE federated Garden club. Two may be awarded in each state.

**AWARD #17—Blue Ribbon**—for a standard show sponsored by ONE or MORE federated garden clubs, not to exceed five in number, and staged in a home or homes with a pilgrimage to gardens.

**AWARD #18—Rose Rosette**—for a standard show sponsored by a Council (so called) of garden clubs, all of whose members are federated. Five or more clubs must exhibit.

**AWARD #21—Red, white and blue Rosette**—for a standard show sponsored and staged by two, three or four federated garden clubs located geographically near one another. A rosette will be awarded each club participating. Show should have a patriotic trend.

**AWARD #30—Green Rosette**—for a standard show sponsored by a district of a member state federation, all of whose clubs are federated. FIVE or more clubs must exhibit.

All applications for above awards must be accompanied by a schedule of the show; one item of publicity, cut to show the name of the newspaper and the date; one photograph, preferably showing a section of the show rather than persons; and the judges scoring sheet. Scrap or record books are not desired. Paper Oxford Brief Covers, No. 301 are inexpensive and adequate for holding material submitted for awards.

Since some of the clubs are giving outstanding Christmas shows there

might be some interest in Award #22—Red and Green Ribbon—for the best standard Christmas show conducted by a club or group of clubs (federated). This award is in competition with other states and requires more information with the application.

Flower Shows applying for a National award should have achieved a scoring of ninety-five points as judged by the point scoring evaluator.

### GARDEN CLUB FLOAT WINS 2nd AT MOBRIDGE

This Litterbug-Glitterbug theme was originated by the Mobridge Garden Club for the float shown above which was a part of the July 4, Sitting Bull Stampede. The float, showing three litterbugs in an unkept yard, contrasted with three glitterbugs in attractive, colorful surroundings, took second place in the parade. With Mrs. George Crawford and William Barker as co-chairmen in charge of it, the club found the venture so successful they are planning to decorate one every year.

The Mobridge club held a Tulip Tea and a Spring Flower Show this spring, and have featured Julius Skaug, attorney, as speaker on "Recreational Areas" surrounding the new lake at Mobridge.

**DAKOTA HORTICULTURE**



## "Reapers Reward" Theme For District V and VI

The "Reaper's Reward" was the Irene Garden Club's gift to members of District V and VI on August 20th—and it couldn't have been nicer! The meeting was held in the handsome new High School Auditorium in Irene, the home of South Dakota's reigning beauty queen, Carolee Nelson.

New boundaries for District V and VI, and the election of a new District President were among the accomplishments of the meeting. With the election of Mrs. H. W. O'Branion of Canton as President of District VI, a new club is represented among the officials who make up the State Board of the South Dakota Federation of Garden Clubs. District VI will now include all garden clubs within Turner, Lincoln, Clay and Union Counties, in the extreme southeast corner of the state; while District V is composed of seven clubs located in Minnehaha County, and including McCook County.

Fifty-one members from 12 clubs witnessed the presentation of a lovely new gavel from the Irene Garden Club to the President of District VI, Mrs. Harold O. Jorgensen, Irene.

Among the "reapers" who were "rewarded" by attending were Mrs. Francis Bingen, First Vice-president of the SDFGC; Mrs. Earl M. Kindred, who is Bird Chairman for National Council; and a number of state chairmen and flower show judges, all of whom participated in the program. An address on Garden Pests, by Dean Martin, Extension Horticulturist from State College; and a demonstration of weathered woods "Down by the Woodpile," by Mrs. L. N. Brakke, of the Lyons Garden Club, were featured on the program. Point scoring of the prize winning arrangements were made by Mrs. Francis Nelson, Mrs. Claude Sherard, Mrs. Kindred, and Mrs. Menholt Christensen; while Mrs. Geo. Jorgensen demonstrated evaluation of horticultural specimens.

LeRoy Anderson, Dell Rapids, winner of the Conservation essay on Wild Flowers, was honored by having his entry read and praised at the meeting while musical numbers by Rita Bok, Corlet Jorgensen, Mrs. Ernest

Aune, Jr. and Marlene Anderson, interspersed the program.

The luncheon served by the Lutheran Ladies Aid, and two coffee breaks in charge of the hostess club afforded delightful social interludes and time to view the excellent exhibits and flower show entries. A bell collection, a collection of hundreds of necklaces by the author of the book "Trina," Mrs. Earl Dickerson, as well as a Litterbug display made by Mrs. Harold Jorgensen, were among the many attractions, and fine exhibits of flower, driftwood, and corsage arrangements.

Let's have more district meetings.

## National Council Votes \$500 to Bailey Memorial

At the twenty-ninth Annual Convention held in Seattle in May, the National Council voted to contribute \$500 to become a Founder of the Liberty Hyde Bailey Memorial Fund, Cornell University. The Fund, established in celebration of the 100th Anniversary of America's most revered horticulturist, Liberty Hyde Bailey, will be used to meet the demands placed on the ever-expanding service program of the L. H. Bailey Hortorium.

The institution begun by Dr. Bailey, now has a collection of over 300,000 plants assembled from all parts of the world for research and identification, and for reference. The Cornell library facilities in this field are among the largest of their kind in the United States, containing over 30,000 botanical and horticultural books about wild and cultivated plants of the world. The Hortorium has a series of garden plots where hundreds of kinds of plants are grown annually for study and experimental purposes. No other institution anywhere serves the same objectives.

In addition, the Hortorium is responsible for the publication of current and future editions of Bailey's famed garden reference books: "The Standard Cyclopedia of Horticulture," is one; a dictionary of gardening, "Hortus III," is another and a new edition of it will be ready for publication in 1960, after ten years of preparation. Besides the revision of these standard works, the Hortorium publishes "Baileya," a quarterly journal of horticultural taxonomy.

## Three New Head Lettuces

Seeds for three new lettuce varieties originated at USDA's Agricultural Research Center, Beltsville, Md., become available for sale to the public this month. They are Golden State A, Golden State B, and Lakeland.

Golden State A and Golden State B were developed in cooperation with the California Agricultural Experiment Station and tested extensively in California's Salinas-Watsonville district. Both varieties are very large, dark-green, slow-bolting, tipburn-resistant, crisp head lettuces. They mature at the same time as popular strains of Great Lakes. Both varieties hold well at maturity and are reported to have fine eating quality.

Lakeland, developed in cooperation with the Wisconsin Agricultural Experiment Station, has been tested extensively in several northern lettuce-producing districts. It is a medium-sized, medium-green, very slow bolting, crisp head lettuce resistant to tipburn and rib discoloration. It also has excellent eating quality.

## GARDNER'S CREED

Help us, O God,  
To love the beautiful,  
To rebuke the careless and untidy;  
Let us beautify our path through  
life,  
So the world may know the way  
we went;  
May we be hasty in the judgment  
Of the pests in our garden,  
And put into everyday action  
The use of spray-gun and hoe;  
May our work be a pleasure,  
Our garden a bit of heaven on  
earth,  
Where God talks with us,  
And we with Him.

—Inga Hansen Dickerson, Irene

There is little space in our magazine to devote to poetry as a rule, but the above lines by the author of "Trina," expresses our garden club ideals so well, we could not resist using it.—Ed.



## More Awards—

(Continued from page 9)

continued as usual with a club award of \$5.00 for a collection of 10 colored 35mm slides, and an individual award of \$3.00 for a collection of 5 such slides. These are added to the State Collection for use in programs by garden clubs, and are available for loan at any time. Topics will be announced later. Mrs. Clarence Sunding, Highmore, is chairman.

Also continued are the Yearbook Contests in two categories according to the size of the club; the Scrapbook Contest, the Civic Award, the Therapy Award, two Flower Show awards, and an award for promotion of Junior Gardeners; while the usual Junior Yearbook contest is also in effect.

To strengthen district organization, Mrs. Francis Bingen, First Vice-president is working on a revision of boundary lines, and will soon have a complete report for publication.

### Note to All Garden Club Secretaries

To assist National Council in making a correct mailing list the Board also asks that each garden club secretary send the following information to the National Gardener Chairman, Mrs. Henry DeVries, Cavour. Please include the name of OUTGOING president as well as the new one when elected, and state the BEGINNING date and TERM length of the office.

You are also asked to send the above information to your District President.

## From the Compost—

(Continued from page 10)

Wasta had so many visitors we lost count as we drove past.

Seven South Dakota members attended the National convention in Seattle, five of them traveling by the chartered bus. Attending were Mrs. C. W. Moyer, Mrs. Schwant and Mrs. Peach from Winner; Mrs. McArthur and Mrs. Metzger from Huron; Mrs. Kindred, Miller, and Mrs. Bingen, Andover.

The grapevine has it that Mrs. D. S. Baughman participated in the three-day judges' council meeting at Scott's Bluff, Nebraska. We are sorry the announcement of the meeting came too late for publicity among our

judges as it was a wonderful opportunity for study and practice under a corp of famous teachers.

Have you ever longed for a napkin featuring our native pasque flower? Minnesota garden clubs have designed an inexpensive paper napkin using their state flower, the moccasin blossom, as a motif. They sell in packets of 3 for \$1.00 and are a grand source of income for their treasury.

If you grow hems you need the new "Bible" recently published by the American Hemerocallis Society—the new Check List Book. In it is a complete coverage of details of each variety. It is a must for every grower and can be had for the sum of \$3.00 from Daisy Ferrick, 415 Arter Ave. Topeka, Kansas.

Re: a Hike to Iceberg Lake in Glacier National Park—an "easy" six miles up, and then back again,—IF you go before you gain too many years and extra pounds—and IF you have not previously completed a four mile hike before you started out—but even then it is worth every ache and puff in getting there!

Are YOU on the Free List?—Mrs. Henry DeVries, Cavour, would like to know how many South Dakota gardeners subscribe to National Gardener. She would also like to know how many are now entitled to receive it gratis. To compile her records she is asking each garden club secretary to send the name of their president, and any change made at election time. Each club president is entitled to a free subscription during her term of office, but many persons are still receiving it who have been out of office a year or more. Paid subscriptions are required of all judges and student judges, and every garden club should have at least three paid subscribers. It is very well worth the \$1.00 it costs.

Our poets are having an inning in this issue of your magazine. The following lines are from the book of poems by Mrs. McArthur, our new chairman of the National Editorial Board.

"Lord, let me bring a little mirth  
To all who share my days on earth,  
Let something I have said or done,  
Remain when I have traveled on,

# Garden club cleanings

"The show must go on," at least that is what all of the wonderful clubs in the state say. We all admit that it's too hot, that it's too dry, too many of our flowers just up and died this year and that we are all too tired. But the clubs carry on. Maybe it is too hot, too dry and we are staring bankruptcy or possibly starvation in the face because the crops are not up to par, but I for one would rather still live in our wonderful United States even with these adverse conditions than live in affluence in any other country in the world. Now wouldn't you, honestly?

## Rainbow Club Enjoys Hunt

One of the most enjoyable meetings of the Parker Rainbow Garden Club was held in the home of Mrs. C. J. McKillop, writes Mrs. Art Jones of that club. The meeting was held June 11, and the theme "Jungle Jaunt" was carried out with appropriate costumes and activities. It was hard to decide whether Mrs. Neva Johnson or Mrs. Minnie Richter more nearly filled the concept of hobo attire. Mrs. Johnson won the book, "Care of Lawns" for having the longest list of objects pertaining to garden club interests—trees, weeds, shrubs, stones etc. that were seen along the jaunt. Lunch was served later in the garden.

## Watertown Has Annual Show August 22

You should have seen the attractive flower show schedules which the Watertown club prepared for their event held August 22. These booklets were 8x8½ inches and with heavy white paper covers, the American flag proudly flying on the top. The inside of the booklet was yellow and the first page announced the date, place and time of the show. Their theme: "Sweet Land of Liberty." The second page listed all of the show chairmen and their

(Continued on page 15)

To prove the one I tried to be,  
And make friends glad they walked  
with me."

Aren't we all glad we have walked  
with Peg a little way at least?

DAKOTA HORTICULTURE



## Garden Gleanings—

(Continued from page 14)

telephone numbers, the third page outlined the rules.

Next comes the list of floral Horticultural exhibits, there were 123 of those and then we find the list of Vegetables and fruit for Horticultural exhibit. Section 3 is the Arrangement division. Such intriguing titles! Just a few of them to show you how clever they are: "Landing of the Pilgrims," all white including the container; "Boston Tea Party," 8 inches or less and suitable for a coffee table; and "Gold Rush," using all gold flowers. Those of course are all for the period previous to 1900.

Next the years of 1900 to 1958 include such titles as "Woman Sufferage," using sticks and stones; "Lean Years," featuring line and using accessories. The Future is next and the titles include, "Guided Missiles," modernistic line arrangement using Hogarth curve; "Flight to the Moon," line arrangement suggesting motion and flight and "Let Freedom Ring," your own ideas and each arrangement to be judged and scored on its own merits as a flower piece. The next page lists the junior division, the house plants and the educational and conservation section. Did you ever hear of a more challenging list of exhibits? You can bet I was there to see and learn.

## Miller Club Sells Gloves

The Community Garden Club of Miller has sold three dozen pair of garden gloves this summer and have just ordered another lot to be sold. Other clubs might make money too by following in the steps of the Miller club. That club selected Mrs. A. J. Jamison to represent them at the convention in Madison. At their June meeting, which was in the home of Mrs. Robert Dixon, (Mrs. Don Rock assisting); Mrs. Breeding gave an interesting report on her experiment of drying flowers in corn meal and borax.

## South Sioux Club Hears Ornithologist

The South Sioux Club recently had the privilege of hearing Mr. Findley, ornithologist, talk of our South Dakota birds. Mr. Findley showed slides of our birds. At another of their meetings Mrs. Scott gave an interesting report on what she does with dried plant materials. The annual picnic was at the home of Mrs. H. Limmer on July 27th.

## Lyons Club Busy

At the July meeting of the Lyons Club, held at the home of Mrs. T. G. Nelson, the program was most unusual. The topic of the meeting was "Down at the Wood Pile," and instead of using the usual drift wood and commercial accessories which we see so often in arrangements the members used just the ordinary wood pile variety of wood scraps and many interesting arrangements were made with these. Some of the wood used was piked as debris after the flood they had last year. How's that for originality in programs? You know some one has said that a woman can repair anything with a bobby pin and a bit of chewing gum, well these women proved that arrangements can be made out of most anything too. Their annual flower show was August 6th and there were 124 entries which were judged by Mrs. C. F. Scott and Mrs. Walter Mortenson. The prizes had been donated by the Buena Vista Iris Gardens of Vermillion and the Inter-State Nurseries of Hamburg and the club is most appreciative.

## Dell Rapids Enjoys Variety

A "book review," did you say? Why not try audience participation with a set of questions prepared in advance and read by the members? That was the clever way in which the

## Petal Pals Plant Flowers In Sanderson Roadside Park

The Sanderson Roadside Park east of Brookings on Highway 14 is a reality after being in abeyance since the spring of 1956, and is one of the most fully equipped and beautiful sites to be found in the state.

In 1956 the Petal Pals Garden Club of Brookings held an auction to raise money for the purpose of beautifying a roadside park, but were unable to obtain a proper location. Two years of patient work and waiting yielded fruit this spring when the Game, Fish and Parks Department was able to obtain an easement for the site called the Sanderson School land. In mid-April the school building was moved off, trees were trimmed, 4 disposals and two outhouses made ready, the old well reconditioned, and a trash can installed. A farmer plowed the virgin prairie sod, disced and put in fertilizer, and on April 20, the Petal Pals turned out in full force with hoes, rakes, shovels and a roto-tiller to till the newly turned sod into a planting bed of fine tilth.

The club worked all day and returned on April 31 to set out 187 perennials, and three hybrid elms for shade from the south according to landscape plans drawn up by the College class. Two girls carried 100 buckets of water that day, and since then individuals drive out every week for regular maintenance work. Plants included 18 Lillian Gibson roses and other perennials for spring and sum-

mer blooming which totaled an expenditure of \$60.00, plus hundreds of petunia and other annuals for color from mid-summer and later.

The Park Department has since added guard rails, and built four fireplaces, and since the location already boasted a grove of lovely trees and flowering shrubs, it is a popular place. Mrs. Opal Callahan, who is chairman with Mrs. Eugene Whitmore, of the project writes that "families from the west coast had parked their trailers there, and pronounced it one of the nicest roadside parks they had seen." Another note of triumph may be detected in her words, "People are wonderful; we never find a piece of paper or rubbish." Do you suppose our anti-litter campaigns are taking effect?





## Garden Gleanings—

(Continued from page 15)

chapter on "Soil and Nature," from Lawrence Manning's book was presented at the last meeting. It was quite effective. Another recent review was the booklet "The Man Who Talks With Flowers," the story of one of the most wonderful Naturalists and Christians of the last half century, George Washington Carver. The 25c booklet was mailed in lieu of greeting cards last year to a few garden-loving friends, and proved to be a most welcome gift, which might bear repeating by other club members over the state. Christmas is closer than you think!

Attendance at the Delphinium Tea, a tour of the State College Gardens and the annual early morning breakfast at the park beside the Bix Sioux River were social events for the Dell Rapids group; and the last flower show was held on August 15th. "Faith of Our Fathers" was the inspiring theme, with "Little Brown Church in the Vale" and similar ideas used for classes.

### Baltic Green Growers Plan First Show

On June 18th our regular monthly meeting was called to order in the church basement by our chairman, Mrs. G. O. Thompson. Reports were read and approved. Answer to roll call was given by naming a song with a flower in its title.

Thirteen members and two visitors were present. Three scrap books were entered for judging in the "Nature Scrap Book Contest."

Plans were discussed and committees were appointed for our first flower show.

A very interesting demonstration was given by Pauline Thompson on Flower Containers. A lesson on Garden pests and their control was given by Vera Johnson.

Hostess for the evening was Myrtle Moe.

### Petal Pals Tour Nursery And Farms

You have heard of "Pigs in Blankets," but did you ever hear of a dinner cached under a rose in a flower pot? We have always suspected the

## Home and Garden Field Day Visitors See New Fruit and Flower Varieties

Brookings, S. D.—All phases of home and garden plantings were observed and discussed at the home and garden field day recently held on the campus of South Dakota State College. The group inspected several hundred varieties of annuals and perennial flowers, vegetable demonstration plots, small fruit experiments, shrub, hedge and turf materials.

Over 100 people participated in the tours which included a look at a black

Petal Pals Garden Club of having a Pandora's box into which they could dip for all the clever ideas and inspiring acts which originate there, and now we know there is a secret source of some kind which never runs dry! or their annual tour, at which Mrs. Monteith was hostess, the surprise of the day was in lifting the "June roses" from the top of each of the 21 flower pots to reveal a wax paper lined cache of wieners, buns, marshmallows, chocolate bars, and all the fixin's for each individual dinner. The picnic ended only when everyone groaned from an overload of good food roasted and eaten in the appetite-engendering breeze from across Lake Cochran.

The four car loads of members and guests visited the Adolph Moen Nursery at Lake Hendricks where a handsome landscaped lawn sloped downward to the blue lake at its feet. The next stop was the Emil Beur farm home eight miles north of Canby, Minnesota, where fruit and flowers, shrubs and trees, and a greenhouse boasting an amaranth in blossom, all vied with each other for attention. Red cherries, sparkling like great round drops of jelly with the sunlight shining through, a gingko tree, rows and rows of perennials of all kinds, and magnificent catalpa trees in full bloom, all made this a difficult place to leave without exploring every corner.

Don't forget to send in reports of the activities of your club as it's such fun to share your ideas with other clubs; you may gain from some other club's report, too. Happy fall days to all.

Sincerely,  
NELLE

raspberry variety called John Robertson. The fruit has been found to be the only black raspberry ideally suited to South Dakota weather conditions and should become available through South Dakota nurseries in the near future. The variety was developed from a chance seedling found near Hot Springs by John Robertson several years ago.

Strawberry variety plots and yield data indicated that a new variety called Vermilion introduced by the University of Illinois also has possibilities for this area. The strawberry which has good quality, firm fruit, compares favorably with the old reliable June bearing variety called Senator Dunlap.

A raspberry experiment to determine cultural practices needed to reduce winter killing was also inspected. Four treatments are being used to increase survival. They include irrigation, fertilization, shading and in one plot the canes are bent down and covered during the winter.

A rose variety, which was introduced into the area in 1938 by Dr. N. E. Hanson was also observed. The variety called Lillian Gibson, has small pink flowers distributed along the stem and has been highly recommended by the Morton Arboretum, Lisle, Illinois.

Other tours included a demonstration on renovating strawberry plots. A duckfoot cultivator was used to plow out old plants, leaving a single 6-inch row of new plants for next year's crop.

Another attraction was an 8 by 10 foot plastic covered greenhouse. Covered with four-mil polyethylene plastic, the building was constructed for less than \$40 and is designed to be used in the spring to prevent frost damage to vegetable and flower transplants.

Other stops included demonstration plots using sawdust, plastics and corn-cob mulch material. One plot utilized fresh-cut silage as a substitute for a grass clipping mulch. Another display showed plant disease specimens and a collection of pest control materials.

Dakota Horticulture