

Volume 31, No. 6

Nov.-Dec., 1958

SOUTH DAKOTA

Horticulture

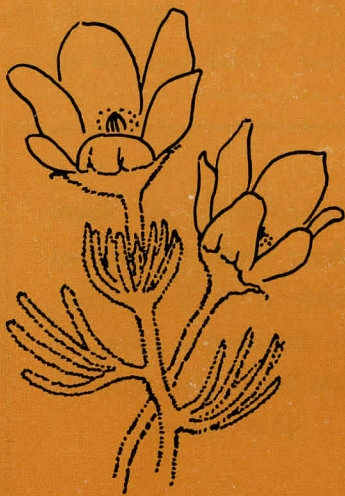
IN THIS ISSUE

Share the Winter With Wild Birds

Have you ever considered the value of having song birds winter in your back yard? Besides their songs and color, you will be surprised to learn how valuable winter birds can be. Several articles in the Garden Club section can help you make your garden a bird sanctuary this winter. Try it. You might discover a new and fascinating hobby.

Make a Christmas Wreath

You will find the step by step account of how you can make this wreath for the Christmas season. Follow the outline and pictures on page four. You will be pleased with the results.



Pasque Flower
Anemone patens

State Flower for
South Dakota

634.05

4811.63

V. 31 #6

Secretary's Notes . . .

A happy holiday season to all our readers. This is perhaps a little premature but this will have to cover Thanksgiving, Christmas and New Years. By the time Volume 32, No. 1, rolls out it will be 1959.

Reminder. I suppose we are the last people on earth who need to be reminded to use flowers as gifts during the holidays. Perhaps National Flower Week (Oct. 26 to Nov. 1) gave you some ideas.

Some of the officers of the Horticulture Society have discussed the possibility of having a winter meeting in 1959. This would most likely be a one day subject-matter meeting which might possibly be held in two of three different central locations about the state. What is your opinion? Where would you like to meet? What subjects would you like to meet? What subjects would you like discussed?

Does anyone have a glossy photo print of their favorite roadside park? We would like to run a series of these pictures and see how many of our readers could identify the park. Send them in if you would like to participate in this venture.

Did you see *Hobo X* in the Hobo Day Parade? Hobo X was Mr. F. X. Wallner, long-time South Dakota Horticulturist. Anyone having a snapshot of this "bum" is requested to send it to Mr. Wallner at Sioux Falls, South Dakota.

The 4-H Club Horticultural Project has been expanded to give more opportunities for more boys and girls to participate in 4-H Club work. It is quite probable that horticulturists and garden clubbers will be called upon to assist in judging some of these projects at 4-H Achievement Days.

A brand spanking new brochure entitled "Horticulture — a Challenging Career" has just come across my desk. The brochure discusses horticulture as a way of life, a variety of horticultural jobs with fruits, vegetables, flowers, shrubs, trees, and lawns, and fruit and vegetable processing. Available positions listed are in production, marketing, research, teaching, industry, inspection, and in communications. The brochure was prepared by the Ameri-

can Society for Horticultural Science. A limited number are available from the secretary.

Can you think of any good reasons for setting up a county horticultural association or committee in your county? A suggestion has been made that this would be helpful in developing the program of the State Horticultural Society. What do you think?

President's Comments

There are occasions when one is amazed at the importance of some local event that has escaped his attention. Such was my feeling after attending a meeting of the South Dakota Parks Association and making a tour of the Lewis and Clark Lake shore. Since so much of the development of these recreational areas will be closely related to things of a horticultural nature I believe readers of this magazine should have an interest in the development of our recreational program.

Two things impress me as being of particular importance as these recreational areas develop. One thing is the economic value and the other is what it will provide to local people. When one considers that Gavins Point Dam is the beginning of a series of three lakes that will extend to the northern border of the state, the size of the area can be better appreciated. We were told by the guide at Gavins Point that 1,500,000 guests would visit the dam this year. For a new area, as yet not fully developed, it is reasonable to assume that this will soon be a major recreation area such as Yellowstone National Park. Of equal importance is the value such a recreational area has to local people.

But there are other parks and recreational areas in the state. Of the tours held in connection with our annual meetings, two made a lasting impression with me. One was a tour of the lake country in Northeastern South Dakota and the other was a tour of the Black Hills. The roadside parks, in which some garden clubs have had no small part, are providing beauty

(Continued on page 8)

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DAKOTA HORTICULTURE



THANKSGIVING!

Sumac banners flaming red,
 Blue Skies stretching overhead—
 Purple vineyards gleaming bright,
 Ripened grain to heart's delight—
 Shocks of wheat like burnished
 gold,
 Fleecy lambs, safe in the fold—
 Who but God could grant the yield
 Of a laden harvest field?
 Who but God could paint the
 grace
 Of earth's fair autumn face?

—Selected

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Let's Make This Christmas Wreath

Dwane Hammer, senior horticulture student at South Dakota State College hangs a wreath he made from evergreen branches, pine cones and Christmas bulbs on the door of the Dean Martin residence in Brookings. The pictures on page four show the steps he followed in making this finished wreath. You can make one too!



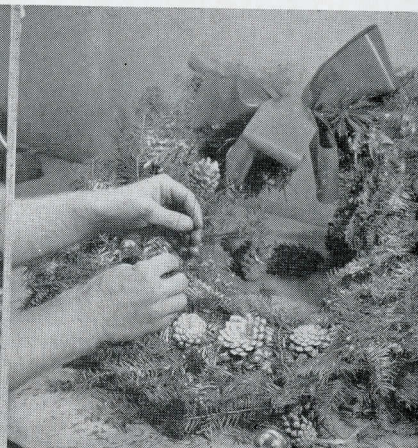
... making a Christmas Wreath



Step 1: Assemble all material for making the wreath. You should have a wire hoop of the size desired, plenty of evergreen branches, strong green cord and decorative materials such as water-proof ribbon, cones, bells, etc.



Step 2: Select the branches and fasten them securely to the hoop by wrapping with cord. Fasten additional branches, overlapping one another so as to cover the bare ends, much as you would put on shingles.



Step 3: After branches are fastened, secure ribbon and ornaments securely with light wire. Pine cones can be sprayed with gold or aluminum paint before they are put on the wreath.

Florists and Nurserymen Meet at Brookings

Approximately 75 florists and nurserymen gathered on the South Dakota State College Campus September 29th, to make the Fourth Annual Growers Field Day a success.

Professor S. A. McCrory, head of the Department of Horticulture and Forestry, opened the morning session with a plea for greater understanding between the commercial growers of the state and the Department of Horticulture. The best way to learn the needs is through an expression from the growers. He cited several examples of plants developed at the college which growers have been slow to use and expressed a hope for the future that they will at least give new varieties a trial. "This step between development and adoption of a new variety or practice is sometimes a long one but must be taken or our efforts fail," he said.

Harry Lasn, graduate assistant in horticulture, described a study he has made on the seed stratification requirements several fruits. He stated that considerable work along this line has been done but much of it is rather general and needs to be defined more closely.

Dr. Fields Cavenes, nematologist with the Plant Pathology Department

discussed the many problems involved in obtaining control of nematodes.

Two talks by Hans Zoerb of LaCrosse Floral Company, LaCrosse, Wisconsin, were highlights of the program. His first talk concerned geraniums, a specialty with LaCrosse Floral. Later he discussed bedding plants.

He suggested that florists hold an open house in April ostensibly for people to view the flowers and take pictures. "Sales should not be made during an open house," he said, "people will return later for their spring plants."

Although in the sales greenhouse, plants should be within easy reach, sales people are still considered essential. A good sales person can provide advice and information to the customer.

Signs are much used in the greenhouses at LaCrosse Floral. These are of several types, including cultural hints on bedding plants, information on the range such as the amount of fuel used annually or the number of petunia seeds in an ounce, and clever signs such as "\$25.00 per plant" on stock plants which are not for sale.

Slides were shown of the annuals most in demand including, hybrid

(Continued on page 7)

Woodward Named Director of Game, Fish and Parks Dept.

Harry R. Woodward, 38, Vice President of the State Horticultural Society, was named new director of the state conservation agency Sept. 16. He is a former state forester and has been acting director of the Department of Game, Fish and Parks since April.

The Game, Fish and Parks Commission selected Woodward from among seven candidates for the job.

A native of Hot Springs, Woodward joined the department in January, 1946, as a game technician, later serving as assistant state forester for two years. He was state forester, heading up the Forestry and Parks Division, from May, 1948, until April, 1957, when he was appointed assistant director of the department, a post he held until named acting director last April following the resignation of Tom Schrader.

Woodward attended grade and high school at Hot Springs, then attended Colorado A and M for three years. He received his degree in forestry from Utah State College in 1941. He was a major in the anti-aircraft artillery in the South Pacific during his five years of military service in World War II.

Woodward is married and has three children, Terry, 17; Kaye, 16; and Robin, 11.

New and Worthwhile Bedding Plant Varieties

Bruce Johnstone

Northrup, King and Company
Minneapolis

(This series of articles reprinted from
the Minnesota State Florists Bulletin)

The word "new" relating to plants and varieties is always a rather relative one. It takes gardeners and the general public several years to accept and know the better, improved varieties. It seems to me exceedingly important that professional growers, especially, have available and push the usage of the better new ones both for their own direct concern and for the betterment of gardening in general. There is less wastage of seed, and the seed cost is but a small portion of the over-all expenditure in growing bedding plants.

To know and choose the better new varieties, a grower can watch the All-American Selection winners, observe seedsmen's trial grounds, consult gardening magazines and last, but not least, get reliable and good information from the horticulture department of our own University or State College.

These new improved flower varieties are the result of many years' work and research by specialist flower seed breeders both in the United States and abroad. Some new varieties are the result of chance mutations spotted by expert plantsmen, carefully tested, then selfed and isolated and finally grown as a crop. They are more frequently developed by careful crossing of known parents, selecting, purifying and testing the progeny that have certain traits the original parents did not possess. Many of the new, improved varieties are tetraploids, resulting from the colchicine treatment of

seed or seedlings. These tetraploids usually have larger flowers, heavier stems, more closely set florets. Tetraploidy is effective on certain groups such as snap dragons, zinnias, alysums, some petunias and evidently ineffective on many other groups. At present, the production of true F1 and F2 hybrids is producing more and more of the better new varieties particularly in petunias and snapdragons.

The trends in gardening tie in with the new and improved varieties. Currently, there is a very definite trend in usage for dwarf, miniature, compact bedding plants. This makes sense in that our architecture is low, rambling, one story, and the low type edging plants match that type of a home better than the tall, straggly varieties.

For Upper Midwest growers it is most important to emphasize varieties that are hardy to our high heat and low humidity in the summer; that are early maturing and fast growing to cope with our short growing season. It also appears that more good gardeners are realizing the importance of well chosen annuals as a necessary addition to the very best of basically perennial gardens.

(To be continued)

Optical Illusion — "A successful stunt for getting birds to feed near your house is to build a trolley feeder. Fasten two pulleys to the roof of a feeder and hang it on a wire extending from the house to a tree or pole. Move the feeder closer to the house each day until the birds are eating from your windowsills."

HORT INDUSTRY BOOMS

Developments in the horticultural industry include a host of new vegetable varieties. And because of high labor costs, a new major objective in vegetable breeding is adaptability to mechanical harvesting. Already in the field is a snap bean picker that is expected to pick at least one-third of the Maryland crop this year and then rapidly take over most of the other acreage, except on small farms. On the horizon is a pickle picking machine and an asparagus harvester. From California comes word of a new tomato picker that cuts the whole vine and gently shakes the fruit off onto conveyor belts.

Vegetable growers also can be enthusiastic about new chemicals that are showing a lot of promise for controlling weeds in crops that traditionally have been weeded with a hoe—crops such as cabbage, tomatoes, peppers, sweet potatoes and other transplanted vegetables. Vegetable growers will also greet new plastic materials for greenhouses and coldframes that will last as long as 10 years.

In orchard operations, new developments include handling cherries and peaches in ice water tanks from the orchard to the packing house or cannery. The object is quick cooling and firm fruit. Another peach handling development is hydrocooling after packing to insure better shipping and to reduce danger of brown rot.

Work in orchard trees is being mechanized with "steel squirrels" or pneumatic cranes for pruning or harvesting, pneumatic pruning tools with adjustable "cat walks" into the trees and machines that chop or shred pruning bush and eliminate the need for hauling it out of the orchard to burn.

Extension Service News
University of Maryland

HOME OF *Seeds and Trees That Grow
and Satisfy*

●
Gurney Seed and Nursery Co.

YANKTON, SOUTH DAKOTA

Storage Requirements For Fruits and Vegetables

Proper storage conditions may be divided into three main situations.

These conditions are: (1) cool and dry, (2) cool and moist, (3) warm and dry. In addition to this a dark storage area is to be preferred over a lighted area.

Potatoes should be stored in a cool, dark, room at a temperature of 36°F.-40°F. and 90% humidity.

Carrots prefer about the same conditions as potatoes. A small portion of the top of the carrot root can be cut off to prevent new shoots from sprouting. They can be placed in perforated plastic bags to prevent excessive drying and for ease of handling.

Carrots can also be left in the ground provided they are sufficiently mulched to prevent them from freezing.

Onions should be stored in a dark, cool (35°F.), dry (70% humidity) room.

Squash prefer a warm (50°F.) and dry (50%-70% humidity) storage room.

Parsnips may be stored right where they grew in the garden since they can tolerate low temperatures. If they are dug in the fall they should be stored similarly to carrots.

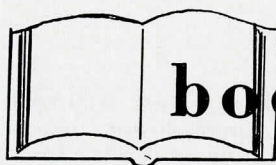
Winter apples should be left on the tree as long as possible since this helps to increase the color and quality of the fruit. For best keeping, apples prefer a cool moist room for storage.

United States Department of Agriculture Farmer's Bulletin No. 1939 "Home Storage of Vegetables and Fruits," discusses this subject in more detail.

Fruit Plantings Need Protection

Strawberries, raspberries, and young fruit trees require some special attention in winter as well as the other seasons of the year.

Strawberry plantings should receive a protective mulch in late fall. It is difficult to mention a specific date since the time the mulch is applied depends on temperature conditions and one rule that might be followed is to apply the mulch after the plants have been subjected to low temperatures of 25°-26°F. several times. The mulch material may be clean marsh hay or straw or sudan grass or similar material.



Greenhouse Products Joy for The Home Gardener

by Mrs. H. N. Dybvig

Beneath the Greenhouse Roof, 1917, by Charles H. Potter. Published by Criterion Books, Inc., 257 Fourth Ave., New York 10, N. Y. Price \$5.95.

Beneath the Greenhouse Roof is a complete handbook telling how to select, construct and use your greenhouse. While it is written with the hobbyist in mind, the practical information, contained in this book, would be very helpful to any greenhouse grower and a fine reference book. The book contains 65 illustrations, 18 diagrams and 19 pages of charts. To those who have wondered if they could manage a greenhouse Charles H. Potter says "Almost anyone, who has a real desire to grow things, is already well along the road to successful greenhouse growing." Also, "There is nothing like the joy and thrill of growing plants in your own greenhouse.

The first problem is choosing the type of greenhouse and its location. The author gives this advice in regard to size, "When planning your home greenhouse, tailor its size and the size of the crop or crops you intend to grow to the amount of time you want to apply to your hobby." Several materials are considered from the inexpensive plastic and wood to the more expensive glass and brick greenhouse. Charts show how to put up the prefab plastic house. The chap-

Raspberry canes can be protected by bending them over and covering the tips or the entire cane with soil. This can be done after the canes drop their leaves but before the canes become too brittle.

Fruit trees need to be protected from rabbits and mice and sunscald injury. Protective measures include wrapping the trunks with sisalkraft paper, aluminium foil, burlap, cardboard or hardware cloth. A material that will provide shade should be used to prevent sunscald.

The use of rabbit traps and poison baits are also helpful.

ter on heating is complete with charts and diagrams. The importance of electrical equipment is stressed as heating, ventilating and even watering may be done by thermostatic control. Shade, benches, shelves, tools, pots, sprayers, flats and other helps are considered. Hydroponic gardening is covered also.

Two chapters deal with the importance of the soil and its preparation, feeding, watering and humidity. It also includes a discussion of Gibberellic Acid, a new plant regulator. The chapter "How to Transplant Properly" and "Potting Is Easy, If" should prove helpful. Directions are simple and concise.

The greenhouse is ready for use. The chapter on growing plants from seed gives complete information including a three-page flower chart giving "Variety of Plant, Longevity (Viability) of Seed (Years), Sowing Date, Best Germinating Temperature, Days to Germinate, Night Growing Temperature and Flowering Date." Then follows a chapter on growing plants from cuttings and a more than four page propagation chart. Plants included in this chart are perennials, foliage, bulbs, cacti and succulents, vines, roses and shrubs. Hobbyists often grow bedding plants to beautify their own homes. Special tips and a fine chart of annuals should prove fine helps. The chart gives such information as when to sow seeds, spacing outside, best uses and outside blooming period. There are separate chapters on the growing of cut flowers, pot plants, orchids forcing roses, bulbs and perennials, growing cacti and succulents, foliage and novelty plants including dish gardens, and vegetables.

The new author of this book tells us that to be able to recognize and control pests and plant diseases is a must. Charts on insects and plant diseases furnish much information.

The final chapter is entitled: How to make Your Greenhouse "Pay." Charles H. Potter warns us not to turn our fun into tedious work, even should we "go commercial" but let our greenhouse hobby be a real pleasure.

DAKOTA HORTICULTURE

Florists and Nurserymen

(Continued from page 14)

petunias in variety, pink impatiens, balsam, pansies, coleus, salvia, phlox, verberna, and a number of other plants.

Zoerb noted that efficiency is the keynote to profits. He cited examples and showed pictures of devices used to improve production. The planned coffee break which costs the company over fifty dollars a week, are well worth it," he said.

Norman Evers, a South Dakota State senior, reported on a study made last winter with the cineraria. Plants of the Dwarf Erfurt variety selected for uniformity were used. The following variables were introduced: two temperatures, 50 and 65 degrees; normal and four hours added light and three different gibberellic acid treatments. It appears that added light hastened bloom but caused some reduction in total flowers.

Dr. Jesse Rawson, Associate Professor of Horticulture, presented a paper on the Lillian Gibson rose. This plant was introduced twenty years ago by Dr. N. E. Hansen. It never received the popularity it deserved due to propagation difficulties when Dr. Rawson arrived four years ago. A project was set up to learn how to propagate this plant. Since then, several thousand plants have been produced. A publication is planned for next spring to coincide with the release of these plants to South Dakota nurseries.

Before the business meeting Dwane Hammer, past president of the College Horticulture Club, showed slides about the club trip to Raleigh, North Carolina, last spring. During the business meeting it was decided to reactivate the South Dakota Nurserymen's Association and form an organization of interest to the florists of the state. The details remain to be worked out but it was felt that problems facing the growers of the state require united effort.

"Rosarama," an excellent color film on rose varieties, rose nursery operation and rose culture around the home was also shown.

Wayne Wagner, California spray Chemical representative, showed a film which illustrated the seven secrets of selling, entitled, "Solid Gold." The

secrets include proper store location, store layout, selection of merchandise, mass display, proper shelf arrangement, advertising and sales training.

The program closed with a discussion by Jim Waples of the Horticulture Department staff concerning nursery stock defoliation.

Tours of gardens and greenhouses concluded the activities.

Premium Schedule, Entry Blanks for 1959

Premium schedule and entry blanks for the forty-second International Flower Show to be held in the New York Coliseum, March 7th to 14th, 1959, are now available.

Requests for premium schedules and entry blanks should be directed to the International Flower Show office, Essex House, 157 West 58th Street, New York 9, N. Y.

The show is sponsored by the Horticultural Society of New York, Inc., and the New York Florists' Club, Inc. Leading organizations in the horticulture field will again participate.

"A GARDEN COMMUNITY" will be the theme. Opening Saturday at 2 P. M. the show will continue through the following Saturday. The show has been extended to eight days for first time in its history.

Under the leadership of John F. Edwards, the show's new executive director, officers and directors have been laying the groundwork for the show since last April. In addition, suggestions presented to the Board of Directors by six advisory steering committees have been incorporated in the plans for the show.

Leading organizations in the Horticulture field will again participate in the International Flower Show. Participants will include: The Garden Club of America, The Federated Garden Clubs of New York State, many educational institutions including Cornell and Rutgers Universities and the Long Island Agricultural and Technical School, the New York Botanical Garden, The Brooklyn Botanic Garden, the Queens Botanic Garden, the New York State Bureau of Plant Industry, the National Association of Gardeners, the Boy Scouts of America, the Girl Scouts of America and the U. S. Veteran's Hospital in Northport, Long Island.

Important horticultural organizations such as The American Orchid Society, The American Rose Society, and The Men's Garden Club of New York will participate, as will plant-named societies representing special interests in African Violets, Begonias, Camellias, Daffodils, Gesnaria, Gloxinia, Rhododendrons, Herbs, Holly, Chrysanthemums, Tulips and many other special flowers.

President's

(Continued from page 2)

and recreation for tourists as well as local residents.

The Parks Association is a young organization formed to assist in the development of recreational areas. We as horticulturists and garden club members certainly have an interest in such a program. Certainly we should become familiar with such development in our state. Perhaps it would be well to carry a series of articles describing these areas. The Parks Association needs your moral support. The secretary, Mr. Carl Riis of Pierre will be glad to supply information. How well and how fast this resource developments will depend upon all of us.

CHEMICAL COMPANY LISTS FILMS AVAILABLE

The following list of films are available from the California Spray Chemical Corporation. Requests for the film should be made through Wayne P. Wagner, California Spray-Chemical Corporation Sales Representative, 1816 South 5th Avenue, Sioux Falls, South Dakota. Allow several weeks before your meeting

From the

COMPOST PILE

THEME FOR DECEMBER—December is the month dedicated to selfless thoughts and deeds. Two Saints of ancient days exemplify the month's ideals—St. Nicholas, whose example is followed 2000 years after he is gone; and St. Francis, who starved himself to feed the birds. It is therefore logical to devote this issue largely to those who are unable to fend for themselves, the birds who unwittingly help preserve our world in a pleasant and livable form; and the ill and infirm whose helpful activity has been curtailed.

PROMOTION — Congratulations to Harry R. Woodward on his promotion to head of the Game, Fish and Parks Department. Having been a horticulturist and garden club member of long standing, his presence there should be a helpful influence in favor of projects promoted by the SDFGC.

\$25.00 REWARD—Are you trying to capture dilettante garden club members as subscribers to National Gardener? The Helen Cuddy \$25.00 award for National Gardener subscriptions will be given on a percentage basis, so every state in our region will have an equal chance to win. The July-August issue had a splendid

page of ideas for projects and promotion for protection of birds, written by our own Mrs. Kindred.

Lives there a garden club member with pride so dead, who never to himself hath said, "That is OUR Blue Star Memorial Marker"?—We filled our thermos bottles from the icy spout and let the crystal pure water spray over our faces as we drank from it, rather than the bubbling fountain close by. Then as we ate our sandwiches at the picnic table beneath the pines, we counted about 80 cars which stopped to investigate the massive marker of native stone on Highway 87, just north of Sylvan Lake in the beautiful Black Hills. It was the late Colonel Mattox, who said that our marker was one of the most beautiful in the whole system of national Blue Star Highways. If you haven't seen it, do so.

MERRY CHRISTMAS—As 1958 fades into the past there is "always another tomorrow" for gardeners good and true. We look forward to better times, to brighter blossoms and more thrilling gardens, and to the exhilarating contacts with our fellow gardeners and garden club members. All of this we wish for each of you in the New Year, and Peace, and understanding happiness for the Holiday Season.

NITA

ICE NOTICE NOTICE NOTICE

of South Dakota Horticulture and
State Horticultural Society

We would like to have subscription
beginning January, 1959. If you know
you may simply remit the balance
(due) for 1959. Otherwise, send in
needed will be made by our office.
to Garden Club members. Annual
\$1.50 includes a subscription to
(.)

DAKOTA HORTICULTURE



SOUTH DAKOTA

Federation of GARDEN CLUBS NEWS

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

Effie Preston Kindred Rates State-Wide Garden Club Salute



Mrs. Kindred

The August issue of SOUTH DAKOTA HORTICULTURE featured a biographical sketch of our first lady of South Dakota garden clubs, Mrs. G. A. McArthur. This month Effie Preston Kindred rates

a salute as one of the state's outstanding gardeners, and member of the Board of Directors of National Council because she is National Bird Chairman.

The staccato sentences with which she answered our request for information on her past indicates her indifference to praise and public favor, but we think it is noteworthy that she was nominated to "WHO'S WHO IN SOUTH DAKOTA" in 1956. She was the only President of our State Federation to serve a three year term, 1954 to 1957, and she served brilliantly in many other capacities of the SDFGC. Her National Council activities include being on the Garden Therapy Committee for four years, two years as National Nominating Committee, and her present position.

Effie began her career of public work as a rural school teacher in Minnesota where her grade and high school education were obtained; but after graduation from Northern State Teacher College at Aberdeen, she taught in Aberdeen city schools and later in Timber Lake. She continued as a substitute teacher in schools in

Mobridge and Miller for many years after her marriage. Her teaching experiences included two terms as instructor in the Americanization School preparing aliens for naturalization. Her excess energy no doubt helped to make it possible for her to become campaign director for White and Meyer's Chataqua the summer of 1919.

Her marriage to Earl M. Kindred in 1920, and subsequent family cares merely deflected her activities.

She was correspondent for various newspapers for 7 years and has held offices in civic, club and church work in her locality. These have included the P.E.O. Sisterhood, Toastmistress Club, the Presbyterian Church and its Women's organizations, Woman's Club, and two garden clubs. She became a charter member of the Community Garden Club when it was formed in 1949, and later organized the Blossom and Bulb Club of which she is the immediate Past President, and has continued as a member of both organizations. She has been Secretary of the Red Cross Chapter, Water Safety Chairman, and County Commander for the American Cancer Society.

No wonder she says "The past nine years have gone fast and opened up many new horizons", for the South Dakota Federation of Women's Club has also been seeking her out to make sure she does not try to hide her light under a bushel. Aside from offices in the local Miller Woman's Club, she has held many state chairmanships, served a two year term as President of the Sixth District, SDFWC, and is now Vice President

NAT'L CHRISTMAS SLIDE CONTEST CLOSES FEB. 15

South Dakota has a great many shutter-happy enthusiasts who should be working on entries for the National Christmas Slide Contest. The contest was originated last year with few takers, and since it has not been publicized in South Dakota except through National Gardener, we are taking the liberty of this promotion.. Closing dates for the National entries are not until February 15th, 1959, so you would have time to have your Christmas film developed, and sent to your state slides chairman, Mrs. Clarence Sunding at Highmore by about February 1st, so she could select the best in the state before the national deadline.

There are four categories with an award of \$5.00 each given to four garden clubs for the following classes:

No. 1. Community Christmas tree.

No. 2. The most beautiful home Christmas tree.

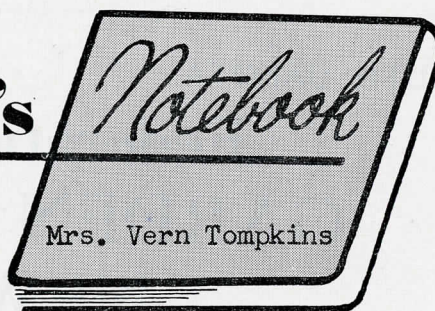
No. 3. A Christmas tree exhibited at a Christmas show. It must be an evergreen tree decorated with symbolic ornaments to portray the Nativity or Christmas legends.

No. 4. Best slide of a Christmas tree plantation.

of the State Woman's Clubs.

Mr. and Mrs. Kindred have one daughter Dorothy, now Mrs. E. J. O'Connor, who lives at Ames, Iowa. Quote: "Interests besides home and family-gardening, antiques, flower arranging, horticulture and conservation. Almost wrote that last word as 'conversation', and I guess that would have been right, too!" Another honor which Mrs. Kindred has failed to mention is that her name will soon be added to the list of South Dakota's Nationally Accredited Flower Judges.

President's



Greetings to our readers on this lovely fall day. It is a little difficult to stay in when it is such perfect weather for hunting, but 'work before pleasure' I was taught rather young. It is not all work, either, conversing with garden club friends.

District meetings are the order of the day, with new officers taking over and new projects being started. Your president enjoyed the organization meeting of the 8th district, at Pierre, in September, when Mrs. Oscar Pravecsek, Colome, was elected Chairman and Mrs. Mable Reed, Winner, was elected secretary-treasurer. Miss Nellie Biwer and Mrs. Francis Bingen presided at this meeting. Winner, Pierre, Colome and Highmore are the towns in this district. We hope to be able to list more along the way before another year. The 4th district meeting, held at Miller, in October, was called by the chairman, Mrs. Hoevet, Iroquois, who appointed Mrs. Kindred, Mrs. Metzger and Mrs. E. Stroup, on the nominating committee. A program of music and reports was enjoyed. A small registration fee provides the district with 'something to work on' and each club member was presented a nosegay with her name attached. The Miller girls really entertained us. Mrs. Veral Borah was elected chairman, and Mrs. Ronald Anderson, both of Miller, was elected secretary-treasurer.

A letter will go out to District chairmen soon, concerning the Membership contest between districts. Points will be given for the largest increase, percentage wise, and points for new clubs organized. \$5.00 and a silver rosette will be given to the willing district. The writer is sponsoring this contest. As stated in the last issue, the state showing the largest increase in membership is to be honored at the National convention next May. Returns for this contest will have to be in by April 15, so that the report for the state can be sent to the National Membership chairman by

May 1st. We should be able to double our Federation membership.

The Regional meeting at Kansas City was well attended, and the program interesting. The panel 'Building for Tomorrow with Better Plants' with Dr. John Phillip Baumgardt, Professor Glenn Viehmeyer, and Professor Leonard A. Yager, was very instructive. Mentioning a few bits of information; Improving plants is everybody's job; Gardening is an experience providing work, food, beauty, recreation, and rest. Tender plants may be grown next to the foundation, as the warm wall is a protection; even pyracantha may be grown in cold climates, always, of course, using the strongest plants to start with.

Mrs. Roger M. Atzenweiler was the banquet speaker. She showed slides taken in Russia during the two months she spent in the home of the Ivanov family. Mrs. Atzenweiler is a photographer for Look magazine and her article in the August 19th issue is much more interesting, after having seen and talked with her.

Mrs. Walter Hughes, Pierre, has accepted the Civic Awards chairmanship and Mrs. Carl Metzger, Huron, is the new Bird Study chairman. Bye for now! Mrs. V. T.

FEDERATION DUES

Federation Dues for 1958, and in the future, are \$1.50 per year, as voted at Madison. This includes your subscription to **DAKOTA HORTICULTURE**. (It does not include membership in the Horticultural Society.) A few clubs are in arrears. The 1959 dues, \$1.50, are to be paid for all members of your club at one time, during the first three months of the year. Blanks for your convenience are being mailed by the treasurer now.

—Mrs. Vern Tompkins

Some Ideas for Feeders And Feed for Wintering Birds

By Lowry Elliott, Milbank

When winter comes, with its cold and snow, our bird friends are hard-pressed for food. They come to town and around our farmsteads seeking food, shelter and protection from feathered enemies.

Birds are not fussy about the kind or type of feeder if foods are available all the time. Place your bird food in sheltered places, near trees and shrubbery, and in sight of your windows if at all possible. Chickadees, nuthatches, downy and hairy woodpeckers, and starlings are most likely to be your regular boarders, but in most parts of the state blue jays, flickers, cardinals, juncoes, tree sparrows and other kinds will come, too.

Beef suet, sunflower seeds, peanut butter and red proso millet are the best foods. Squirrels and English sparrows seldom bother suet but starlings will eat it if they can. Shelled corn scattered on the ground at some distance from your bird feeders will tend to lessen their raids on the precious feed for the feathered visitors.

Here are a few good feeders, so easily made that no one can be excused for lack of them. Take a piece of one-inch mesh chicken wire about

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Cash Awards Offered In Membership Contest

Cash Awards on the District and local level are being offered for new clubs and new members of garden clubs. A \$5.00 award and a Silver Rosette will be given by your State President, Mrs. Vern Tompkins, as the prize for a membership contest between districts. Read her message in this issue.

Mrs. Francis Bingen, First V.P. of the SDFGC, holds out a ten dollar bill for the largest membership increase. She says: "I will give a cash award of \$10.00 to the club or individual who will bring the largest number of members into the Federation by the 15th of June, 1959. They may be new members added to already existing clubs, or newly formed clubs."

This is something for which every individual may strive. It will benefit the new members, the Federation and the promoter, and make everyone concerned mighty happy if the results are worthy of the gifts made by our generous sponsors. Now get busy.

DAKOTA HORTICULTURE

Conservation Must Include 'Guarding, Protecting, Preserving'

By Mrs. Frank Eisenlohr

State Conservation Chairman

Just what are you as individuals and flower club members doing about this much needed work??

To be sure, we have all done a great deal toward beautifying our homes and cities, as well as both city and wayside parks. But, what care have we given to the wonderful things nature has given to us, in our natural beauty spots? Our native trees, flowers, birds and other wild life—our lakes and streams too, often need thoughtful care to remain at their best for both beauty and use.

We need so much, to have more ideas and projects to help attain a better way of doing this kind of work. We put up signs, about fire prevention, litterbugs, keep South Dakota Green etc., trying to remind the public to take care. We are often discouraged to find that in place of honoring them, they have been used for target practice, when no bird happened near enough for the purpose. Moreover, youths are not the only guilty ones, in these misdemeanors.

Then too, there is the trash that travelers too light heartedly toss from their cars. How can we get across to the tax payers, how much it really costs them to have this mess cleaned up each year. It is at least five cents for each bottle, can, paper or box. Some states have found that heavy fines help greatly, along this line. Do we have such a law in South Dakota, and if so, how well is it enforced??

Perhaps we can accomplish most by working with the children. The interest they have taken in the Litterbug poster and essay contests is quite remarkable and deserves much praise. This is sure to make the adults much more aware and careful.

The new super highways are one of the things that is hurting our wild flower life. They destroy so many of their natural places of growth, as the roads criss-cross the country. These plants need to be naturalized in new homes, or some of them will be lost forever. Can we call more attention to this by the use of posters and essays, again among the children? We are trying a small start on this idea now, but it is too early to know if it has created any interest.

Arbor Day would make us all more

aware of and as well as more interested in, the beauty and usefulness of the great variety of our native trees. It would surely create a better understanding of them, with greater care surely to follow.

Perhaps we could do more to stress conservation and the need for it, along all lines in our flower shows this summer. We could include in our schedules, for both adults and junior divisions, posters or booklets on tree leaves, wild flowers protected lists, seeds, and also more attention on bird houses and feeders.

Wyoming Woman Rates In Sterling Bowl Contest

All in Rocky Mountain Region share in the glory brought to us by Mrs. Arthur Johnson of Chugwater, Wyoming, who was among the top winners of the Sterling Bowl Flower Arrangement contest sponsored by Jackson and Perkins Growers. Congratulations to Mrs. Johnson and to Wyoming, the newest state in our Region, boasting the fewest members, and with no Flower Show School to their credit. Does any state dare to apologize for lack of progress in any phase of garden club endeavor now.

Mrs. John W. Knight, Jr., Cuyahoga Falls, Ohio, was the winner of the \$5,000.00 Silver Bowl; while Mrs. N. E. Rutt, Baton Rouge, and Mrs. Howard S. Kittel, Fort Worth, both of whom are well known authors of books recently reviewed in South Dakota Horticulture, were among the other top winners. Mrs. Knight used nine dozen roses in her winning entry, all supplied by the J & P growers.

Now word has been received from the Sterling Bowl Director that the fourth annual flower arrangement con-

(Continued on page 13)

We hope so much to have more ideas on helping along this much needed work. How about holding a "Conservation Idea" contest in each flower club?? If each member would think about it enough, to write down and hand in an idea, then pass them along to other clubs.

Along with the national theme of Horticultural Stewardship for every garden club in the nation, National Council now asks that each club have at least one program on conservation during the year, a continuous conservation project by the club and a conservation display at all the flower shows and fairs. We are admonished to teach tomorrow's children that "Civic Duty is Our Duty," and show them how to make everything they see SAFE, CLEAN and BEAUTIFUL.



This arrangement of roses was given honorable mention at the Jackson and Perkins \$5,000 Sterling Bowl Contest. It was entered by Mrs. Howard S. Kettle of Fort Worth, Texas. Mrs. Kettle is the author of a well known book recently reviewed in this magazine.

53 Attend District I Meeting in Britton

(Written by Mrs. Jerome Likness, Sec.-Treas., District I, who says: "We are enthusiastic about our District meetings and would like to awaken others to their virtues.")

Fifty-three garden club members from Webster, Langford, Andover, Groton, Claremont and Britton attended the second biannual meeting of District I this summer in Britton. Mrs. Francis Bingen, first vice president and state district director reorganized the district last year.

A luncheon, served by the Methodist WSCS at the Legion Hall, preceded the regular meeting. Mrs. Herman Carlson gave the welcoming address for the hostess club, The Home Garden Club of Britton. The response was given by Mrs. George Schuller, President of the Triangle Garden Club of Claremont. Club presidents and the two state officers present, Mrs. Bingen and Miss Alice Platt, were introduced. Mrs. Frank Mock, Britton, entertained the group with several readings, after which Miss Platt, our Second Vice President, gave a very interesting report on the state convention held in June at Madison. In the absence of Mrs. Harry Rapp of Andover, our District Director, the program was ably emceed by Mrs. Anton Bierschbach of Webster, Co-Director of District I.

The remainder of the program included the regular business meeting, a display of table settings, a white elephant sale, and a flower arrangement workshop.

The breakfast table setting was presented by Mrs. A. C. Bonham of Britton. Gaillardia, heavy ruby glass, creamy yellow pottery and a brown and pale yellow checked tablecloth were used to create a Colonial table setting.

Mrs. Earl Locke of Webster presented the luncheon table setting, exquisite with fine white china, crystal goblets and white olympic hybrid lilies in a crystal bowl on a mahogany table.

Mrs. Dagfinn Lie of Webster displayed a beautiful and novel garden party or patio table decoration. It was—literally—a huge ball of flowers suspended above the table on a green pole five or more feet high, and from which vines festooned toward the ta-

ble. Mrs. Lie explained that a ball of oasis soaked over night in water was the basis for this delightful creation. Flowers of varying lengths in a medley of soft colors were then inserted.

The white elephant sale which followed netted over \$37. This will be used to defray expenses for district meetings.

Mrs. Bingen presided over the flower arrangement workshop and gave the group many valuable pointers, including some on the ethics to be observed by those who enter exhibits at flower shows.

The next meeting of District I is to be held at Webster, upon the invitation of Mrs. Bierschbach in behalf of the Hoe and Hope Club of that community. We're all looking forward to it!

Design and Depth Important In Flower Arrangement

Emma Hodkinson Cyphers,
Hearthside Press, \$3.95

We, as beginners in the study of flower arranging, concentrate so intensively on the principles of Balance, Proportion, Dominance and Rythm, that we often lose sight of the fact that this art involves a third dimension—that of depth. Depth, according to the author of a new book, "Design and Depth in Flower Arrangement," is the "sculptured look" or thickness, as contrasted with the plane, 2-dimensional surface seen in a painting. Possessing depth, an arrangement "penetrates space to develop form in all directions," and it is exactly how to achieve this depth, that the latest book by Emma Hodkinson Cyphers was written.

"Design and Depth" is a book to supplement and amplify a knowledge of the fundamental flower arrangement principles, an dto stimulate further experiments in the "3-D" of the art. It is a new and exciting approach to the perennial problems of how and why so many of our arrangements lack a completely pleasing effect, and is therefore of greatest value to the arranger who wishes to develop her creative ability to greater perfection.

Mrs. Cyphers demonstrates how the solids of plant materials, containers and accessories, and the elements of color and texture, as well as placement, all familiar tools of design, may be used to effect depth; and then introduces three new mediums which

BETTER BIRDING

The following article is the first of a series of directives and helps on bird study which were prepared by Mrs. Earl M. Kindred, National Bird Study Chairman. They will appear under this heading in two issues of *Dakota Horticulture*. It would be wise to file them for future reference and program material.)—Editor.

To strive to create awareness and interest, to convince the selfish, and educate the indifferent in the value of our birds, through a planned program should be the aim of every garden club member.

The National Slogan is "Every Garden a Bird Sanctuary."

Four main categories of the values of birds must be recognized.

1. Economic values—as insect destroyers, weed seed destroyers, plumage, food, game, and scavengers.

2. Biological values—Birds play an important part in the intricate relationship of animal life. Our birds of prey, hawks and owls are important as Nature's balance keepers.

3. Recreational values—Vacationists, campers, sportsmen all enjoy the companionship of birds. An enduring hobby may center around interest in birds, aroused at an early age.

4. Esthetic values — Birds bring happiness. Their songs, colorful plumage and friendly ways lighten our days. *Methods suggested for recognition of our responsibility:*

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may be manipulated to produce that effect—voids, light and shadow. She shows how to use space as an integral part of design, and how light and shadows can emphasize depth effectually to dramatize it. Forty-three photographs and sketches effectively illustrate each point under discussion throughout the book, while the last chapter includes the modern concept of movement as a fourth dimension in flower arrangement.

Design and Depth is a most complete treatise on how to achieve good design, and is written by an instructor and lecturer who is highly qualified to present the subject. Six other popular books by Mrs. Cyphers promise a similar reception to the latest product of her pen, for it is a book to refer to time and again.

JUANITA JORGENSEN

DAKOTA HORTICULTURE

Better Birding—

(Continued from page 12)

1. An enthusiastic bird chairman in each garden club who knows her subject, is alert and keen to keep all members bird conscious.

2. Let each garden club, federation, or council organize Junior Bird Clubs and urge a strong Bird Program in Junior Garden Clubs. Work through schools, scouts, 4-H groups, or only your neighbors' children if you cannot find a group. Aristotle said in 350 B.C. "The fate of empires depends on the education of its youth."

3. Check your state laws on bird protection and see if they need revision, and if they are consistent with federal laws on the subject. The Public Information Department of the National Audubon Society, 1130 Fifth Avenue, New York 28, N. Y., can supply copies of Model Protection Laws which are up to date.

4. A definite study of birds by adult groups based upon a program of identifying them by sight, song or call. Know the life history, habits, and economic value. Learn to attract them, protect them, and enjoy them.

5. At every flower show present some aspect of bird study—one of the best ways to create interest.

6. Every Garden Club member's yard a Sanctuary (one where food, water, protection and nesting sites, are provided.)

7. Strive for a community sanctuary in every town and city in your state, with suitable plaques erected. (At the beginning of this chairmanship 167 had been recognized and approved by the National Audubon Society.)

Contact your State Chairman for copies of rules, petition, proclamation and final ordinance.

8. Encourage the public to become bird conscious through radio, television, press and printed matter. If possible, establish a bird column in your local paper, but be sure that it is news worthy.

9. Contact your local dime store or other store managers and ask him to stock the knocked-down bird houses which sell for approximately twenty-five cents. These are manufactured by Walla-Walla Co., Knoxville, Tenn. If he does, be sure to publicize the fact that they are available and urge their installation in local yards. Ask your book stores and drug stores and others to stock moderately priced bird

guides such as the Yellow, Red, Blue, Green Books of Birds of America put out by the Whitman Pub. Co., Racine, Wisconsin for 25c. Elsewhere we have mentioned the Golden Nature Guides published by Simon and Schuster, N. Y., and sponsored by the Wildlife Management Institute.

Some suggested projects for junior clubs:

1. Bird Identification Contest

2. Build bird houses (Check with your local lumber yard for plans, as well as the Audubon Society).

3. Construct bird baths. (Booklet "Cultivate your Garden Birds" put out by Minnesota Museum of Natural History, University of Minnesota.

4. Choose a bird and learn all about it. Know your State Bird.

5. Make a picture album or scrap book, also posters.

6. Make a feast tree for the birds using your discarded Christmas tree. Directions may be had free from the Massachusetts Audubon Society, 155 Newsbury St., Boston 16, Mass.

7. Regular meetings a must.

8. Plan a consistent bird feeding program.

9. Seasonal field trips—might combine them with a picnic or sack lunch.

10. Study migration.

11. Make bird houses and sell to adult Garden Club members.

12. Frame bird prints with gummed tape for your own room or for gifts.

13. For your scrap book here is an inexpensive modeling clay: Take one cup flour, one cup salt, one cup water, mix thoroughly and stir over very low heat (not more than luke warm) until it leaves the sides of the pan. Color with green or other vegetable coloring. Good to anchor arrangements in exhibits.

14. A bird modeling kit by Birdsmith, 539 Hudson Street, New York 14, N. Y. This is excellent for the boy or girl handy with his hands.

Birds may also be carved from soft balsa wood (obtainable from Craft stores). Small cones make realistic bodies for birds. Mold heads, let dry and then glue on and add wings and tail from balsa. Sometimes the material in wooden berry boxes is light enough. Tempera-paints may be used to add color to model. These make good tray and party favors or prizes for children.

BUILDING BIRD FEEDERS

Just bring a hammer and nails and an interest in birds! That's all it takes to make an interesting afternoon, but before we start pounding, let's talk a bit about the kind of food we want to "dish up."

What kind of birds do we want to attract? Of course, we all want the lovely cardinals and woodpeckers, so be sure to have some whole kernel corn and some sunflower seed on hand.

Be sure you have a supply of cracked grains to mix with a little melted suet and peanut butter to make the biscuit type of feed. Nail a wire mesh over the biscuit so that Mr. Squirrel will have a more difficult time to secure any quantity of the banquet. Fresh suet in a mesh bag of either string or wire, will attract the woodpeckers, chickadees and nut-hatches. Whole corn and sunflower seeds will bring the cardinals to your window-sill shelf; and you had best be ready with your camera to catch the twinkle in his black eyes as he says "thank you." He will not stay long for he is off in a flash to seek the shelter of the evergreen boughs where he will crack the heart out of his favorite food.

Mrs. Ernest Greening, Dell Rapids

Wyoming Woman—

(Continued from page 11)

test will be held on June 24th, 1959, and asks our help in obtaining true national representation from among our many fine flower arrangers. All expenses for 14 contestants will be paid in connection with their trip to Newark, New Jersey, and it is up to each region to select two contestants and two alternates as candidates for the honor. Each state in our region is being asked to nominate a candidate, giving detailed information as to their flower arrangement education and training, competitions entered and honors won, their experience, reputation and abilities as flower arrangement artists. If you have a candidate in mind, send all information to Mrs. Vern Tomkins, Highmore, who will select a name from our state. Selection of the two contestants from our seven states will necessarily be made solely from the written recommendations received. Nancy Bushfield was named an alternate last year, so perhaps we will have a full fledged candidate this year. Send in your nominations soon.

Mrs. Baughman Appointed

If Mary Foster Baughman screws down the pressure for all Rocky Mountain States as she did on South Dakota, our Region should be the first to become 100% for Permanent Home. At the Regional Board Meeting in Kansas City, Mrs. Baughman was appointed Permanent Home Chairman for our seven state area. Only 11 states are 100%, and FOUR of these are in our Region, which is one above any other region, at last report. The cost of the \$400,000 headquarters home was based on a membership total of over 40,000 gardeners, and if each one pays their \$1.00, the home will be paid for before it is dedicated next spring.

LOST OR STRAYED (Not Stolen)

—My new green Handbook for Flower Shows. Also my ABC of DRIFTWOOD by Florence Schaffer. Both books have my name in them. JUANITA JORGENSEN, Dell Rapids

Fallen Leaves Valuable For Compost Heap

Why get all upset about the fallen leaves that cover the lawn. Actually this is Mother Nature's gift to the gardener. This is just one of the processes the leaves go through in "returning to dust."

Leaves that fall into the perennial border may be allowed to remain there throughout the winter and be worked into the soil in the spring.

Leaves that fall onto the lawn or in other areas where they are a nuisance can be profitably collected and put in the compost heap.

A simple way of making a compost heap is to pile the leaves in a stack about 5 feet x 5 feet. Place the leaves in six inch layers. Between each layer add a few shovelful of garden soil and a light sprinkling of commercial fertilizer. Each layer should be well watered and kept that way.

Snow fencing, chicken wire or boards can be used to keep the pile upright.

What is compost? Webster calls it a fertilizing mixture composed of such substances as peat, leaf mold, manure, etc., thoroughly mingled and decomposed, usually in a heap.

Some Ideas—

(Continued from page 10)

10 by 15 inches and fold over a large chunk of suet. Fasten ends and top by twisting the wire ends, and hang up with a piece of stove wire.

Mix corn meal with peanut butter, salt lightly, and push into the bark of trees, knot holes, holes in boards, or even on a tree limb. Chunks of softened suet may also be used in this way for the most natural of feeders. You will be delighted to see the nuthatches work their way upside down on the trunk. Either of these mixtures may also be worked beneath the scales of pine cones, using a table knife to push it in, for another natural feeder. If the cones have fallen from the trees, use stove wire to hang them up again.

Put four holes in covers from the peanut butter jars, or similar shallow lids, and fasten a piece of 1/4 inch mesh hardware cloth over the open side of the cover, using the same stove wire. The hardware cloth should be a square twice the width of the cover used. Again fill the space between lid and wire with peanut butter mixture and hang in a suitable place.

For sunflower seeds, cracked grains and other loose bird feeds, fasten an eight inch piece of a broom handle in a 5-inch tall clay flower pot, by using a large screw and washer through the drain hole. Bore a small hole in the top of broom handle and fasten to a branch—or suspend it with a wire coat hanger! Or use clothes line which has been cut in two and each end fastened under the rim. A coconut shell sawed in half also makes a handy feeder. Wire the halves one inch apart, in three places and hang to feeding place.

Squash seeds, pumpkin and muskmelon seeds, cereals, cracked corn, nut meats, raisins, crumbled bread, dog meal, apples and millet are other materials which will attract the birds to your yard. For birds which normally eat on the ground, such as juncos and sparrows, place your feed low or on an area of ground where it can be kept fairly free from snow. Feed the birds—enjoy the rare ones—and expect to feed dozens of English sparrows in the process.

(Editor's note: That Mr. Elliott attracts many birds in addition to the latter is evident from his letter written on October 12th, for he states, "Am banding quite a few robins,

Garden club cleanings

By Mrs. R. K. Morrell
684 N. Lakeshore Dr.
Watertown, S. D.

Ivy Circle Wins Float Prize

The town of Roscoe celebrated its 75th birthday recently and a huge parade was the highlight of the second day. The Ivy Circle Garden Club won the first prize for the "Most Attractive Float" and with all the talent that there is in that club they were bound to win. Congratulations. Mrs. Kindred gave the club a demonstration in flower arranging at their July meeting. Their annual flower show on July 31 was a real success with many beautiful flowers and lots of guests.

Highmore Club Has Flower Show

The Sunshine Club of Highmore defied the scorching weather and had their annual Floral Tea on August 20. Nature cooperated to give the club a fine day and there were many nice exhibits, lovely arrangements and with a coffee hour for good measure a good time was had by all. We do not hear enough from this busy club, won't you please take time out and write us more often?

Watertown Clubs Sponsor Litterbug Contests

Watertown's two garden clubs, The Evening Garden Club and the Watertown Club, joined hands this summer to sponsor Litterbug contests. All school children in the area were contacted and many entries were received. Deloris York of Henry won first place in the Editorial contest with Dixie Ulven rating second. Top winner in the Poster contest was Jean Murphy, other winners being Barbara Lampey, and Gayla Keyes. Jean's poster went on to the State contest and won second. The Evening Club met recently with their President, Mrs. Ernest Wight, and spent the evening touring local gardens including that of Mrs. Melham, Mrs. Wight, Mrs. Maurice Johnson and Mrs. Clyde

(Continued on page 15)

slate-colored juncos, Song sparrows, Lincoln sparrows and Hams' sparrows these days. Banded 20 birds yesterday.")

DAKOTA HORTICULTURE

Gleanings—

(Continued from page 14)

Kucker. An informal tea preceded the tour and displays of iris, peonies and other garden flowers were shown. At a later meeting a Floral Tea and Mum show was held on September 26, in the Community room of the First Citizens Bank. A delightful tea with the showing of interesting flower arrangement slides entertained the guests. Later they looked at artistic arrangements of Mums, Bells of Ireland, Asters and other fall flowers. Mrs. John D. O'Toole has been judged that club's most outstanding gardener. She won this honor in competitive examination which was taken by all of the members.

Miller Club Has Buggy Time

Recently at a meeting of the Miller Community Garden Club samples of numerous garden insects and pests were displayed and discussed. Mrs. Veral Borah led the discussion. Terry Howard of Miller won the State Litterbug Contest. On September 11 the Community Garden Club and the Bulb and Blossom Club were hosts to the district meeting. Mrs. Maude Jamieson recently demonstrated "Fun with Fall Flowers," at this same meeting a most informative talk on the care of lawns was given by Mrs. William Herred.

Britton Club to Have Christmas Show

The Evergrowing Club of Britton (and I might add, ever busy) plans to have a Christmas show late in November. At this show the members will demonstrate that attractive and unusual arrangements can be made by using simple ordinary objects and Mrs. Erwin Suther, secretary, says that they are hoping for a large crowd. Seems that this club is always either teaching others or studying something interesting. Their October meeting is getting much thought and preparation in advance. The club has been studying "Flowerless Centerpieces" and several such arrangements will be on display at the October meeting. In September the club toured Sand Lake and in August they enjoyed an educational work shop which was led by Mrs. Donald Franzen.

Baltic Club Has First Flower Show

Congratulations to the Green Growers Garden Club of Baltic on its

first flower show. From all reports it was a bang up affair. The club's September meeting was a discussion on "Dried Flowers" and the program was ably handled by Pauline Thompson and Pearl Dregseth. We haven't heard much from the Baltic club, we'd like to hear more.

Crooks Rural Circle Has Family Dinner

Doesn't it sound interesting for the whole family to be going to the garden club meeting? That's what happened in Crooks in July and the picnic was in the McKennan park in Sioux Falls.

Pierre Garden Club Does It Again

That Pierre Garden Club has a habit of putting on perfectly beautiful flower shows and this year was no exception. Miss Ackerman writes that the flower show was held this year in the new Pierre National Bank Community room. Their theme was "Rainbow Grandeur" and some of their classifications were "Along the Primrose Path," "Spires of Blue," "Thru the Clouds," "Reflections" and "Simple Splendor." Their president, Mrs. J. Walter Hughes, won "Best of the Show" award with her arrangement of native grasses and driftwood. (Her award is not surprising when you know her ability and talent as I do.)

Something new this year was a tea which the club gave for the judges and the exhibitors. The judges, Mrs. Kindred and Mrs. Severance, explained their basis for judging and gave the exhibitors worthwhile pointers for next year's exhibiting. Leave it to Pierre to do something delightfully different and interesting. This club is presenting radio programs, (talks by various club members), the first and second Tuesday of each month at 2 p.m. Topics for these programs have been landscaping, soil improvement, birds and wild flowers.

Each program lasts 15 minutes. The club promoted a successful City Clean-Up Campaign this spring. This club is lucky in having many capable and interested (and I might add "interesting") men in their membership and these men get right out and work on all of the projects.

Fair City Club Goes Touring

In September the Program Chairman of the Fair City Garden Club of

Huron took the members on a tour of several interesting gardens including that of Mrs. Metzger and of Elmer Shanahan and the cacti garden of Robert Wagner. Mrs. L. A. Skow is their program chairman and she always finds the most interesting things for their club to do.

Guest Night at Mobridge

At a recent meeting of the Mobridge Garden Club the public was invited to hear Julius Skaug tell of the many parks and recreation areas which the government plans to provide in connection with its relocation project in the town of Mobridge. Large colored maps showing the parks and other developments were shown at the meeting. So nice to hear from you, Mobridge. Please write us more often.

Rapid City Club Will Make Wreaths

The members of the Rapid City Club will certainly combine business with pleasure at their October meeting. They will have a potluck dinner in the Black Hills and then will gather Christmas greens which they will carefully store away and at a later date will make wreaths of these greens. The club sells these each Christmas. Such fun!

Watertown Garden Club Has Hat Show

Such hats you never saw in your life. Those were the hats which were worn by the members of the Watertown club in the "Hat" contest which they had along with their beautiful flower show. All hats were made by the members and were decorated with flowers or other vegetation. Mrs. Severance of Huron and Mrs. Morrell of Watertown tried to judge the Most Beautiful, the Most Unusual and the Funniest. Three little juniors with their zaney hats really stole the show. The club's October meeting was held in the Morrell home on Lake Kampeska and imagine my surprise when the club presented me with a beautiful gift for our home (and all I had given them was weak tea and bite sized sandwiches). Their interesting program was a panel discussion on fall planting and was given by Mrs. Ross Oviatt, Mrs. Hurle and Mrs. Raymond. Mrs. Barnes, the president, made the arrangement of the day, "Gold Nuggets," an artistic arrange-

(Continued on page 16)

Gleanings—

(Continued from page 15)

ment of bronze-gold mums in a myrtle wood bowl which Mr. Barnes had hand made.

In Memoriam

"These from among us,
Followed the trails, to the City of
Golden Streets.
And now they walk in the Garden of
God,
To wait in happiness there,
For those who loved them, in this
earthly garden of ours.

—Iva Manalee, 17 yrs. old, Pierre
Dedicated to Mrs. A. B. Gillette
and Mrs. Carl L. Sherburne of the
Dell Rapids Garden Club. Both mem-
bers passed away in September.

Tri-State Learns By Doing

"Our club held an open meeting
last week (after the drouth became so
severe that all nearby shows were can-
celled), with each member bringing
an arrangement to be criticized. We
had tried to obtain accredited judges
from three different sources but were
finally able to get Mrs. Ernest Elmen
of Sioux Falls to tell us what was
wrong with each entry. A group of us
also visited the Baltic Show last week,

and thought they did real well."
Thank you, Mrs. Torkelson, for send-
ing this brief note for your club.

Aberdeen Has Show and Tour

At Aberdeen the clubroom was a
bower of beautiful blossoms for their
August show. One hundred and fifty-
seven entries made by the 35 members
weer worthy representatives for the
"Aberdeen Garden Trails" theme.
Judges were Miss Kathleen Dailey and
Mrs. Ed Paeth both of Groton. A
National Council Award of Merit in
Horticulture was awarded to Mrs.
Ray Marchant and an Award of Dis-
tinction for the best arrangement in
the show was given Paul Borgesen. A
tour of the gardens of Robert Fritsche,
Eva Keller, Andrew Jensen, Mark
Rasdall, Ray Larson, Mertz and Dr.
A. E. Pittenger of Aberdeen was made
while the Mina Lake gardens of Ed
Schutte and Ted Anderberg concluded
the trip.

Folks, I know that it's a lot more
interesting to write to that good look-
ing Dean Martin, but it really de-
flates my ego terribly when you send
him the club happenings which should
be sent to me. Can't you find some
other good excuse for writing to him
and send the notes direct to me as he

always has to re-mail them to me
anyway. It seems early to be saying
"Happy New Year" but this will be
the last issue before January so now
I am wishing the best of Christmas
wishes and I hope that you will get
all of the good things that you ask
for in the new year.

Sincerely,

Nelle

**Please Note: Copy for the Jan.-
Feb. issue of DAKOTA HORTI-
CULTURE must be in the hands
of Mrs. Jorgenson before Decem-
ber 15.**

Lay Down De Hoe—No need to
hoe my dwarf marigold border this
dry summer, for th dust mulch was
kept constantly loose where the spar-
rows took their dust baths. One man
said he kept his roses well dug by
scattering bird seed over the bed.

More therapy—The Atlanta Biard
Club sends an Audubon speaker to
Warm Springs Georgia, paying all
fees and costs, to give a lecture to the
patients where President Roosevelt
spent so many recuperative hours.

Wayside.....



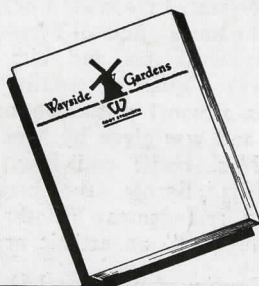
splendid new flowers



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