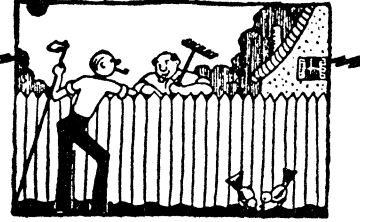




# The Garden Spray

BULLETIN OF THE MEN'S GARDEN CLUB OF MINNEAPOLIS

*Member--Men's Garden Clubs of America • Minnesota State Horticultural Society*



April 1964  
Volume 22 No. 4  
G. Victor Lowrie, Editor

Associate Editors  
Wm. H. Hull, Otto Nelson  
Neil Barry

## April Meeting

Date: April 14, 1964  
Place: Mount Olivet Lutheran Church  
50th Street and Knox Avenue South  
Time: 5:45 P.M.  
Price: \$1.75

## Officers

Dwight Stone	President
Paul M. Kroeger	Vice-President
G. R. Christenson (Bud)	Secretary
R. E. Smith (Bob)	Treasurer

Office of the Secretary  
8300 Sheridan Avenue South

## SHRUB AUCTION

April 14, 1964

Wild Flowers Growing in the Arboretum - Dr. Leon Snyder

Slide Presentation - Question and Answer Period

Shrub Auction - Proceeds to Minnesota Landscape Arboretum -  
Dr. Leon Snyder

## NOTICE

Garden Club Plant Auction  
Tuesday, May 12, 1964

If anyone wants to contribute plants for this auction,  
please call Bert Zats, WA 6-4716.

OVER THE GARDEN GATE

by  
Bill Hull

I am sorry to miss our April meeting; but, as you know, will be in Atlanta at our Men's Garden Clubs of America National Convention that week, along with the Pinkhams and many others. Advance registrations are at 400, a sizable number for the early date this is written.

A very fine March meeting here, with Bruce Johnstone, Archie Flack, Eng Hoyme and Les Johnson holding forth.

Fred Holzman's very detailed statistics on rose blooms, comparing 1963 with 1962 showed 1963 to be a floriferous year with 113 bushes carrying 8691 blooms (an average of 77) as against 109 bushes and 7896 blooms in 1962 (an average of 72). Some of these were Men's Garden Clubs of America test roses.

Missed the February meeting while in California on business. On a week end, went to San Diego and presented MGCA Certificate of recognition to San Diego County MGC for outstanding civic work in club, which Al Blackburn served so capably as president for those 15 months.

Like many of you, including Paul Kroeger and Henry Bachman, visited Al's lovely home. Ten terraces down to the Pacific at LaJolla. Took a dandy picture of Al and an agave on lower slope, at same time backing into sharp needle on another agave. Not recommended. Wow!

Later had a chance to visit home of Sunset magazine and Ferry-Morse Seed Company south of San Francisco, where was for barely overnight. Missed seeing George Titus which had hoped to do but couldn't get that far north in short time available. Got some good photos to show anyone interested.

Picking up some good ideas for our club. Like all clubs, we can use them. That's what keeps us from getting stagnant. Also passing on to others our Minneapolis ideas. This is big benefit to association with other clubs. Are we receptive? I think so.

Archie Flack working with several men on renovations of their gardens again this year.

Harold Kaufmann off to Florida for annual visit and to work with club there for 1966 convention MGCA.

Anyone want some free seeds? You may have for the asking - mine. If you miss me, ask Carol. They are: Papaver Orientale, Clematis Macropetala (I grew some from similar seed last year - hope to bloom, this); two types of Muscari; Liliium Bellingham Hybrids; and Liliium Regale. Also Lavandula Spica Nana Atropurpurea. All from the Royal Horticultural Society. If you get anything, I expect a plant.

OVER THE GARDEN GATE

Continued

Les Johnson could get help on the Youth School program by writing Harold Laing, chairman special committee set up nationally to achieve just that. He has been active in Cleveland program for many years. Address: 2891 Plymouth, Cleveland 24, Ohio.

Joe Witmer could get the experience of many other committees locally working on civic beautification by writing A. L. Tipton, 1310 Eager Avenue, Albany, Georgia. He'd appreciate exchange of ideas. Other clubs have also done this for years. Some use less expensive awards and different techniques. All could prosper by exchange of ideas.

A letter of summary of MGCA activities goes to President Stone and some other officers of our club, six times a year.

One of our goals is to set up a national garden photography committee. Intend to use our own good men thereon if they will accept: Eng Hoyme, Bob Sicorra, Vern Roufs, P. W. Young. Photography and gardening good joint activities.

Archie Flack's good ideas on Plant Study put in hands of aggressive national committee, trying to make some changes. Thank you, Archie.

Why don't we set up an active board using our past presidents so they have a greater voice in advising our current officers? Every President could find it helpful. We're fortunate so many past presidents are still active in our club. Speaks well for our group.

Paul Kroeger, want ideas for programs? Contact Dan Voorhees, 6421 Hampton Road, Seattle 8, Washington. He's chairman of a national committee just to help you. Has published two books just for such assistance. More source of exchange of ideas.

Congratulations to President Stone. Looks like Dwight is off to a good year. We're behind you, Dwight. You'll find that when you call on any of our members, they'll all respond.

North Star Region president Leroy Peterson called to tell about the meeting of delegates on Tuesday, February 24, when I was in bed with a cold. Seventeen were present with all clubs represented. Discussions included new clubs, possible garden tour this summer, the Governor's Rotunda Flower Exhibit (third year) and how we might assemble flowers through one or two pick-up points per club and then take to the rotunda. This was Dale Durst's idea.

Leroy and wife, and Edgar Graupman (Minnetonka president) and wife also going to Atlanta convention.

Here's to the best there is among friends: you.

NOTES FROM OUR PRESIDENT

Dwight Stone

The Minnesota State Horticultural Society tour to the Chicago World Flower and Garden Show was a huge success. In addition to the group from our club, there were about 300 more who took the trip from Minnesota. Members of our club who attended were: Mr. and Mrs. Ed Beery, Mr. and Mrs. Verner Carlson, Mr. and Mrs. Larry Corbett, Mr. and Mrs. Glen Cerney, Mr. Carl Holst, Mr. Les Johnson, Mr. and Mrs. Leon Snyder, Mr. and Mrs. Dwight Stone and Mr. and Mrs. Ron Twite.

Welcome to Dr. Glenn Gullickson, Jr. to the membership of the club. Dr. Gullickson lives in Hopkins near Joe Witmer and Cortis Rice, and he was sponsored into the club by John Pulver.

Elsewhere in The Spray is the announcement about the "Lehman Trophy" competition. Register your garden now to allow the judging committee ample time to make the initial inspection.

March 21 will be a memorable day to all who attended the tour of Bachman's. More than 100 took the afternoon off and enjoyed the hospitality of Henry, Lloyd and Stan. Thanks also to Mrs. Lloyd and Mrs. Stan for the most welcome refreshments.

Before the date of April 14, look over your yard and determine where you are going to plant that new shrub that you will buy at the Shrub Auction. Better yet, get the hole dug, so when you get up on the morning of April 15, you can plant your purchase before you leave for work.

Just a reminder for the plant auction - May 12 - we need material to sell. Start thinking! What can you contribute?

We can still use a few more good gardeners in the club. At the May Plant Auction, we will again have "Guest Night." If you bring a guest who you feel is a potential member, the club will pick up the tab for his dinner. Of course, we hope you bring a "free spender" as well as a good gardener.

He works in his garden all day while his wife is out playing bridge, but she turns up more dirt than he does.

Manly Jackson is chairman of the summer tours again this year. If you would like to have your garden included in the tours this year, let Manly know which month - July or August.

Ron Twite is doing a good job of showing his "rose" slides about town. On April 20, he will speak to the Palomino Hills Garden Club of Rosemount. Don't let one of those "Palominos" throw you, Ron.

Another new member will be introduced at the April meeting. He is John L. Kolb, Grounds Superintendent, Minikahda Golf Club. John is sponsored into the club by Dr. Leon Snyder as a professional member.

A quote to remember:

PRESIDENT'S REPORT FOR 1963

If the accomplishments in 1963 of our Garden Club and its members is the criterion of a successful year, then we had one of the best years in the history of our club.

When we realize that one of our club members won the highest national award, The Gold Medal, offered by the Men's Garden Clubs of America; another member was selected as one of the Ten Best Editors (in our opinion, the best) of Men's Garden Club bulletins; another was elected the 1964 National President of Men's Garden Clubs of America; another was elected National Director; another was elected Vice-President of the Minnesota Horticultural Society with a Certificate of Honor; another was elected Vice-President of the North Star Region; and another member became Garden Editor of our largest Northwest newspaper - then we know that 1963 was an outstanding year.

These, of course, were outside accomplishments of our club and its members, and we all know that this is only a small portion of our successful year.

In 1963, we had an excellent Shrub Auction, Plant Auction and Flower Show. Our Summer Garden Tours - the second tour with the ladies invited - were artistically handled and most enjoyable. All our meeting programs were interesting; the School Garden Program educational; and the Industrial Awards Program, with its publicity, most rewarding.

We had several social functions, and our finale - the Christmas Party - was most delightful and entertaining and will be long-remembered.

All of the "service" committees for 1963 such as Cheer, Telephone, Membership, Food, Auditing, Printing, Auctioneering, Finance and Transportation did outstanding work.

We congratulate our members who have donated trophies for different club achievements. Your trophies have created great interest and caused exceptionally close competition in their respective fields.

Actually, as president, I wish to thank not any one chairman or committee, but all of you who made 1963 a very enjoyable and rewarding year for our club.

E. B. (Ev) Haedecke

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CONGRATULATIONS, MRS. PAUL BURT

. . . . for winning first prize in floral stamps at the Chicago World's Flower Show. The theme of Mrs. Burt's display was "World Understanding Through Flowers."

On top of this, she won a gorgeous silver bowl for The Best Exhibit by a Woman.

PLANTS FOR THE APRIL 14 ARBORETUM AUCTION

- 5 - *Acer Ginnala* (Amur maple) - A very hardy shrub maple, growing to a height of 15 feet.
- 5 - *Aronia prunifolia* (Purple Chokeberry) - Shrub to 5 feet with pear-like blossoms and purple fruits.
- 5 - *Cornus alba* 'Gouschaulti' (Gouschault Dogwood). A red-stemmed dogwood with variegated, cream-edged leaves.
- 5 - *Deutzia lemoine* (Lemoine Deutzia). The only hardy deutzia. White flowers in early June.
- 5 - *Forsythia* sp. - A forsythia propagated from a plant growing in Cloquet. May be hardier than most forsythias.
- 2 - *Prunus sargentii* (Sargent's Cherry). The only hardy oriental cherry. A small tree.
- 5 - *Weigela* - A hardy hybrid developed by crossing *W. Vaniceki* X *W. florida mandshurica*.
- 20 - *Rhododendron roseum* (Roseshell Azalea). A very hardy azalea with fragrant pink flowers.
- 20 - *Rhododendron mollis* (Mollis Azalea) - Seedlings grown from selected parents.
- 10 - *Pinus banksiana* (Witches'-Broom). A dwarf Jack pine grown from seed from a witches'-broom.
- 10 - *Pinus strobus* (Witches'-Broom) - A dwarf white pine grown from seed from a witches'-broom.
- 10 - *Artemisia nana* - A dwarf, low-growing sage suitable for a ground cover in full sun.
- 10 - *Buxus microphylla* *Koreana* (Korean Boxwood) - A very hardy strain of Korean boxwood.
- 10 - *Weigela florida* 'Variegata' - A variegated Weigela
- 15 - *Celastrus loesneri* (Chinese Bittersweet) - A very prolific bittersweet with yellow fruit.

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The Special Interest Group on roses will meet on Friday, April 10, at 7:30 P.M. at the home of Jack Peterson, 18 East 49th Street - telephone number TA 2-6367. Anyone interested is welcome to come.

ALGA SOUP AND PROTEIN PIE Or: A Semi-Closed  
Ecological System for the Permanent Lunar Base\*

(Continued from the March  
issue of The Garden Spray)

The life support requirements for a lunar base parallel those for earth. Food, water, a livable atmosphere, and waste management are required to maintain life -- whether man is to enjoy the comforts of his home or to endure the hazards of a lunar base.

For psychological reasons the diet of the lunar base staff must be of the highest quality. However, for reasons of economy of space, weight and power, the diet will be vegetarian in nature and prepared according to modified Hindu and Chinese methods. The basic diet will consist of vegetables -- eaten directly, fresh or cooked -- and variously processed carbohydrates, fats, and proteins derived from plant material consisting of 80 percent algae and of 20 percent higher plants.

Methods for processing this plant material are not available at present since no requirement for such equipment existed in the past. However, the method of processing whole fish into a protein flour as developed by the USDA and by private industry, and the development of a milk-like protein product from processed plant material by Dr. Maxwell of England may be considered partial solutions to this problem.

The basic diet will be supplemented by meat and eggs from the animal colony. It is known that chickens and rabbits can be grown successfully in extreme confinement and that they have a high feed-to-meat ratio, a long history of breeding for egg-laying and rate of gain, a ratio of edible to inedible parts, and disease resistance. In addition, the breeders are aware of mutations and genetic combinations that will minimize the inedible portions of both chickens and rabbits. These are short-legged, wingless, and featherless chickens, and hairless rabbits.

It is likely that the modified Hindu-Chinese diet will not be entirely satisfactory from the psychological point of view, so that provisions must be made to provide the typical American steak-and-potato dinner on special occasions such as holidays and birthdays. The cost of shipping these items from earth will exceed \$100 per pound or approximately \$150 per staff member per meal -- a not unreasonable amount in view of the mission of the staff member.

Since the moon has no atmosphere it is imperative that an artificial atmosphere be developed. For maximum efficiency, the carbon dioxide scrubbing system and the oxygen-generating system should be incorporated into the general life-support cycle. The photosynthetic gas-exchanging capability of green plants appears to be the most likely system available for accomplishing this dual purpose. In addition to providing a food source for the crew, the green plants possess the unique ability of exchanging the carbon dioxide expired by man and his supporting animals for the oxygen required for respiration. The process