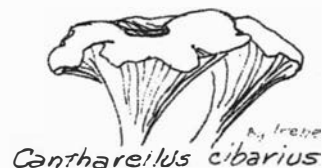


SPORE PRINTS

BULLETIN OF THE PUGET SOUND MYCOLOGICAL SOCIETY
200 Second Avenue North, Seattle, Washington, 98109
September 1978

Number 144



PRESIDENT'S MESSAGE

Jennie Schmitt

Did you have a good summer? I hope so, as it is time to get out in the woods and start hunting mushrooms in earnest. Get out your calendar and mark it for the coming forays (listed elsewhere in this issue of Spore Prints) for the PSMS members. It is one of the best ways to learn about mushrooms.

Both novice and experienced hunters join the forays. Come for the day and stay for the potluck; better yet, come and spend the weekend. We always have fun, greeting old friends, and making new.

We, of course, cannot predict what, if anything will be found..... Mother Nature holds all kinds of surprises.

Of course, if we don't find fungi, there are other things of interest, wild flowers, shrubs, and trees, not to mention the fauna too.

Dress warm and dry, wear your hiking boots. No telling where our quest for mushrooms will lead us.

Hope to see one and all at the meetings and fieldtrips. Happy Hunting.

PRIEST LAKE MYCOLOGICAL FORAY

The Spokane Mushroom Club and the Pacific Northwest Key Council will sponsor a Mycological Foray on September 29, 30 and October 1, 1978 at Hill's Resort, Priest Lake, Idaho (on Idaho Route #57 turn at Luby Bay sign, approx. 27 miles north of Priest River). Priest Lake is about 80 miles from Spokane.

Dr. Stuntz is the chief mycologist for the foray. Arrangements are being made to keep the National Forest Service Campground open for those who wish to camp there. At the resort there are cabins and condominiums available. All registered Mushroom Club Members are cordially invited. Foray will be limited to 200 attendees.

For further information contact the Spokane Mushroom Club, P. O. Box 2791, Spokane, WA 99220 as soon as possible, since the absolute deadline for registering is September 15.



SOCIETY NEWS - FROM OTHER AREAS

From the Mycological Society of Toronto comes the word that the mushroom *Pleurotus ostreatus* is on sale each Saturday at the Hamilton, Ontario market. Mr. Louis Agro has been growing *P. ostreatus* in a converted garage by methods learned in France last year. A mixture of straw, paper, corn-meal and haymeal is pasteurized and mixed with spawn, then formed into bales. The bales are stacked up the wall to provide a tree-like environment. These will produce a crop every 12 to 14 days and will last from 5 to 11 months. Mr. Agro has had no problem in selling all he produces.

FIELDTRIPS FOR THE FALL SEASON

Dick Sieger

Sept. 16 & 17 - Masonic Park: 4 miles east of Granite Falls. Go to Snohomish and follow State Highway #9 (north) to the turn-off (east) to State Highway #92. Follow #92 east to Granite Falls and continue east toward Verlot for about 4 miles more. Watch for signs to Masonic Park, where you turn left.

There is a fee of \$2.00 per night for R.V.'s and a day-use fee of 50¢ per person. PSMS will collect the fee at the registration table. The park is open to non-Masons only on this weekend. The entrance gate is closed after 9:00 p.m. and no one may enter or leave after this.

This has been a good area for chanterelles.

Sept. 23 & 24 - Olympic Peninsula: Follow I-5 south to Olympia and take the "Ocean Beaches" route through Aberdeen to Hoquiam. Take Route #109 and go through Copalis and across the bridge; 200 ft past the bridge, turn left into "Driftwood Acres," a private resort. There is a \$4.00 day-use fee and hookups are \$6.00.

Chanterelles appeared in August and we will find species that are not common in the Cascades.

Sept. 30 & Oct. 1 - Crystal Springs Forest Camp (2,400'):

Travel I-90 east over Snoqualmie Pass. Nine miles past the summit, take the "Stampede Pass" exit (#62). Turn right at the stop sign, then right again just before the bridge. The Audubon Society will be our guests.

Often has matsutake and *Boletus edulis*.

Oct. 7 & 8 - The Dalles Forest Camp (2,200'): Travel east on State Highway #410 to about 25 miles southeast of Enumclaw. The camp is on the right.

Usually produces a good mix of fall mushrooms.

NAMA FORAY NOVEMBER 23 - 26, 1978

For members of NAMA a foray at Thanksgiving is planned at Gualala YMCA Camp in Northern California. The foray is limited to 200 persons. You may inquire from the host club, the Mycological Society of San Francisco, P.O. Box 904, San Francisco, CA 94101 if there is still space available.

A NAMA Family Thanksgiving Dinner at the camp is planned for Thursday afternoon with local fungi being featured such as chanterelles and *Boletus edulis*, and even some preserved morels. A book store and even some handicraft mushroom items will be available.

The MSSF even expects to collect *Amanita phalloides* at the foray.

The foray is named in honor of Elizabeth Eaton Morse (1864 - 1955) who was born at Framington, Massachusetts. She earned a degree in botany from Wellesley College. In 1926 she moved to Berkeley, California, and organized the California Mycological Society.



P. S. M. S. Spore Prints

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ALTERNATES Dennis Krabbenhoft (839-2454) Stan
March (885-0375)

SCIENTIFIC ADVISER Dr. Daniel E. Stuntz

Calendar

- Sept. 11 Monday, Membership Meeting, 8:00 pm
Sept. 16 & 17 Fieldtrip to the Masonic Park
Sept. 18 Board Meeting, 8:00 pm
Sept. 22 Deadline for Spore Print Material. Send all
articles, art work, and photos to the Editor,
2559 NE 96th, Seattle, WA 98115.
Sept. 23 & 24 Fieldtrip to Driftwood Acres
Sept. 29, 30 - Oct. 1 Mycological Foray, Priest Lake, Id.
Sept. 30 - Oct. 1 Fieldtrip to Crystal Springs
Oct. 7 & 8 Fieldtrip to the Dalles Forest Camp
Oct. 9 Monday, Membership Meeting, 8:00 pm
Oct. 14 & 15 The 15th Annual Exhibit
Oct. 21 & 22 Jefferson County Foray at Port Townsend
Oct. 28 & 29 Fieldtrip to Oakpatch
Nov. 4 & 5 Fieldtrip to Millersylvania State Park

CHANTERELLES SHOW EARLY THIS YEAR

Just a short note to those members who have not ventured in-
to the woods. The rains we had in July and August have pro-
duced Chanterelles, plenty of them. So it is time, get out
your boots, buckets, compass, etc. and look for them.

Membership Meeting

Monday, September 11, 1978, 8:00 pm., Eames Theater,
The Pacific Science Center

Program: A popular panel program on fall mushrooms, fea-
turing slides and experts to answer questions will be pre-
sented. The panel consists of our experts: Dr. Stuntz, Fred
Van DeBogart, Howard Melsen, Ben Woo, Milton Grout,
Charles Volz, Jennie Schmitt, and maybe other very know-
ledgable persons. YOU may ask them any and all mushroom
questions you have not dared to ask any one else. They may
give you an answer.

In addition, Part I of the slide-tape lectures covering the
non-gilled fungi (Chanterelles and Corals) narrated by Mi-
chael Beug will be shown.

BOARD NEWS

H.R.H.

President Jennie Schmitt punctually called the meeting to or-
der and reported that she had met Dr. Frans Tjallingii of the
Netherlands, on June 25th. He and his wife had been collec-
ting fungi in the Rain Forest and had found quite a collection.
Otherwise there was little correspondence during the summer.

President Schmitt then called for committee reports.

Banquet Chairman, Margo Harrison, announced that the date
for the 1979 Survivors' Banquet will be March 17. It will be
catered by students from South Seattle Community College.
Only the location (either Pier 91 or the Moose Lodge) is still
undecided (Margo has holds on both places). So the initial
steps toward another successful banquet have been taken.

Winston Hufford, Chairman of the General Exhibit, reported
that he reviewed the site and found that the balcony will be
adequate for the slide presentations. However, that other de-
tails, including the financial arrangements for the Show and
the extra ticket booth promised by the Science Center still
have to be worked out. No parking by PSMS members will be
allowed in the Science Center's own parking lot. Only un-
loading of mushrooms and Show material will be permitted.
In addition, the cook-stove downstairs, needed to heat the
food for our busy workers, does not work at the present time.
A list of the committees needed to put on the Show appears
elsewhere in this issue. Note that not all committees have a
chairman at this time. Otherwise, the preparations for the
Show continue.

Our Fieldtrip Chairman, Dick Sieger, has set up the schedule
for the fall fieldtrips. Two interesting features: the Audubon
Society has asked to join us as the Crystal Springs fieldtrip;
and PSMS members will be the guests of the Jefferson County
Mycological Society on Oct. 21 & 22 at Fort Worden State
Park.

LomNee March is setting up the schedule for PSMS' partici-
pation (with the Tacoma Society) in a booth at the Puyallup
Fair. The booth will be set up only during the 2nd week of
the Fair.

Library Chairman, Carl Hermanson, moved (the motion was
seconded and carried) to return the PSMS library books to
Ben Woo's new office, located at 1401 - 31st South, since
the office is open during regular business hours, it is acces-
sible to members for checking out books. Carl has compiled
an inventory of the library holdings (some eight pages, single
spaced) and he suggested that the titles be published serially
in Spore Prints. Carl also recommended (strongly) that the
Board set aside money each year to add to and update the
library holdings.

- continued on next page -

The December 1978 membership meeting again was designated by the Board as Photography Night followed by a Social. (More on this from Ed and Ella Cantelon later).

Publicity Chairman, Marlene Friend's job is in high gear at this time, getting out the news about the coming Exhibit to all interested parties. She pleaded for something new at the Show.

Helen Wasson, Chairman for Book Sales, reported continued requests for our Poison Pamphlet. Since the supply is getting low, the Educational Committee has been asked to review the pamphlet and possibly update it, before it is being reprinted.

The meeting was adjourned at 10 pm.

PUYALLUP FAIR

LomNee March

As reported in the Board News, this year PSMS is cooperating with the Tacoma Society in setting up a booth at the Puyallup Fair, where some mushrooms will be displayed, but mainly, where Fair visitors can get some information about fungi and where they get a publicity poster about our coming annual Exhibit.

At the present time, LomNee does not have enough volunteers to share duties at the booth. As a matter of fact, only the following members have signed up: Belle Swaffield, Fred & Helen Wasson, Thelma Larson, Rick White, Dick and Agnes Sieger, Dennis Krabbenhoft, Monte & Hildegard Hendrickson, Dave and Jennie Schmitt, Oscar & Florence Oberhard.

It is planned that one person from each Society stay at the booth for three hours. Since the Fair runs from 10:00 am to 10:00 pm that means four persons per day. By the way, the booth will be set up during the second week of the Fair only, i.e. from September 18 through 24.

Therefore, we urge those PSMS members who can go during the week, to call up LomNee (885-0375) and tell her when you could go. She also will be at the September membership meeting and will have a sign-up sheet, and the times left to be filled.

Steve Whitcher, a member of the Tacoma Society as well as PSMS who lives in Puyallup, is coordinating the Tacoma Society efforts. And I hear they already have all time slots filled, and they are a much smaller club. So, please let's not get shown off by Tacoma!

THANK YOU

Martin Harsen

To all you wonderful people who have helped so much with the burden of Estella's long illness, my family and I want to express our appreciation for the prayers, cards, flowers and thoughts sent by many of you time and again. I also want to thank the many of you who have come to see Estella. A special thank you goes to Fay Melsen for letting many of the members know about Estella's condition, since I am spending every day (and some nights) at the hospital and cannot be reached at home. That also is the reason why I have not had time to thank all of you personally.

It is now ten months that Estella has been in bed, and no better times are in sight. Estella is different than most who have been ill so long. She is in good spirits, has never lost her appetite, even though she is in severe pain most of the time. Up to now she also has had a nice smile for her company and nurses, when she is not dampened by pain.

Estella has said many times that we have been fortunate to have belonged to an organization like PSMS.

CLASSES, CLASSES, CLASSES

Milton Grout

The popular fall class in mushroom study will again be held on Monday evenings from 7 - 9 pm in the Pacific Science Center, Room 200 in Building #2. Classes will be held beginning on September 18th and will run on consecutive Mondays through November 6th, except for regular Society meeting nights. The class will be taught by Milton Grout and George Rafanelli. All common genera will be covered and will be amply illustrated with slides from the PSMS collection. The class will be structured with the beginner in mind, but will be in sufficient depth to interest the intermediate groups as well as a good review for the more advanced.

Fresh specimens directly from the field will be identified and discussed. All participants in the class are requested to bring in specimens and the first half hour will be spent on identification.

A fee of \$6.00 per person will be charged to assist in our financial support of the Pacific Science Center as well as to cover the cost of the new PSMS Book of Instructional Materials.

Registration for the class will be on Monday, September 18th 7 pm. Classes this year will be held on the east side of the Science Center, on the ground floor level. The room is 200 in Building 2. Go down to ground level, turn left, and go south about 100 feet.

CLASSES IN LYNNWOOD

Charles Volz (a past president of PSMS) will hold 8 classes starting Tuesday, September 26th, at the Lynnwood Recreation Center. Cost is \$10 plus the Book of Instructional Materials published by PSMS. The classes are sponsored by the Lynnwood Parks and Recreation Department.

HELP - HELP - HELP

Winston Hufford

Our 15th Annual Exhibit is approaching rapidly. Below you find the various committees needed to put on the Show. The chairman of each committee is an "experienced" pro and knows what needs to be done. But he or she cannot do it alone, they need assistants. You and I, "ordinary" Society members don't need to bring any special talents, just a willingness to help our Society to put on our best ever Show.

At the September membership meeting there will be sign-up sheets for these committees. We urge all of our members, old and new, to volunteer to work on one of the many jobs. The more people sign up, the less work for any one of us.

Committees:

Book Sales	Labeling
Clean Up	Membership
Commercial	Photo and Slide Show
Construction	Preservation
Freeze Dry	Publicity
Greenery Collection	Mushroom Collection
Hospitality	Sorting Boxes and Layout
Hosts and Hostesses	Security
Identification	Tray Arrangements

Pick up your phone right now, and call Winston (486-4784) and tell him to put you down for one of the jobs.

You can be assured that your few hours of participation will bring you good fellowship and new friends in return.

With the weather cooperating so far this year, i.e. we have had quite a bit of rain, it seems that we will find a plentiful supply of mushrooms to display.

The fall season is here, and as you can see, we would like to offer a full slate of field trips for our Society. But in order to be able to do this, we need hosts for all of the coming field trips. Ideally, we should have some "old-timers" and some "newcomers" host at a field trip. In order to be a host, you don't have to be able to identify mushrooms; we have an expert identifier at each field trip. The job of the hosts is to welcome our members as they arrive at the designated location, ask them to sign the attendance register, have hot coffee ready, and be in camp.

Visitors from other clubs have time and again complimented us on the format of our field trips. But, if we cannot get members to be hosts, we may have to change, or give up the field trips altogether (shudder to think about that). And unfortunately, recently, it has often been the same members who were hosts time and again. And this should not be. Everyone should volunteer to be a host for one field trip a year. This is not too much to ask.

Dick will be at the September membership meeting and will gladly put you down as host for the field trip of your choice. So please volunteer.

BITS AND PIECES

During the summer, Paul Harvey reported seeing the following bumper sticker: MYCOLOGISTS HAVE MORE FUNGI

Doug Schaad, while travelling in Butte, saw a picture and report in the Montana Standard, showing two giant puffballs found in the Helena area. The larger one weighed 20 pounds and measured 49-1/2 inches in circumference. The smaller one weighed 15 pounds and measured 39-1/2 inches around. (Doug sent me the clipping, so I verify his report, Ed.) Doug went out looking, but he was not as lucky, and found just a few young ones.

However, on a succeeding trip to Fairbanks, Alaska, he found the birch forests just filled with Leccinum scaber.

Word has reached us, that Hal Bartlett, an oldtime member, has died in California. Before his retirement, Hal and Gladys resided in the Bremerton area. Our condolences go to Gladys.

A 25" x 33" full color Poster of Poisonous and Non-Poisonous Mushrooms painted by Eva Melady can be obtained from the Brooklyn Botanic Garden Shop, 1000 Washington Ave., Brooklyn, N.Y., 11225. Price \$3.75 plus \$1.50 for postage and handling.

Welcome to a new mushroom club: the Blue Mountain Mycological Society has been formed in Walla Walla. The chief organizer is Roberta Jansen.

WHAT BONE ARE YOU?

The following caption comes from the FUNGUS-AMUNGUS the regular publication of the Spokane Mushroom Club, and it seems timely in light of our coming Show.

Someone said the membership of an organization is made up of four bones. There are the wishbones, who spend all their time wishing somebody else would do all the work ---- There are the jawbones, who do all the talking but very little else. Next come the nuckle bones, who knock everything anyone else tries to do. And finally, there are the backbones, who get the load and do the work -----

Joy Spurr, a charter member of our Society, is the author of a new book, Wild Shrubs - Finding and Growing Your Own (published by Pacific Search, Price: \$7.95). She says it provides all the information needed for bringing 40 native, wild flowering shrubs into your garden. Joy picked these Northwest shrubs because they are resistant to insects, pests, and disease. Also these plants, like dogwoods, heathers, huckleberries, Oregon grape, and native rhododendrons require little maintenance, once they are established. Joy also provides information on the eventual height, type of leaves, flower color and shape, fruit or berries, and native habitat of each plant. Botanical information for identification in the wild, propagation techniques and growing tips are fully illustrated by color photos and botanical drawings. Therefore, you would be able to bring home cuttings and leave the parent plants in their native setting. In the back of the book you find a list of nurseries which carry these wild shrubs. Also furnished is a landscaping guide for your use in the garden. If you are a green thumber, have a look at it. It also makes a nice birthday or Christmas present.

When are you coming out with your next book, Joy?

FRESH SHAGGY MANES

In the July-August 1978 issue of The Mycophile published by NAMA it is stated that shaggy manes can be kept fresh up to eight days by cleaning them and immersing them in cold water with a weighted plate put on them to keep them under water and the whole thing kept in a refrigerator. Evidently, it is oxidation that causes them to deliquesce. This experiment was reported by Ted Trueblood who ate the mushrooms for seven of the eight days. He also states that some that bobbed up above the water became dark, but the ones kept under were as white on the eighth day as on the first.

MUSHROOM PRODUCTION

H.R.H.

Forbes reports that mushroom production in the U.S. last year reached 347 million pounds worth \$256 million, with fresh mushrooms accounting for 152 million pounds, a 6% increase over the previous year.

The trend is still for large firms to enter this business and to expand (Campbell Soup has just bought two farms for fresh mushroom production); the smaller ones are holding their own - so far. All, however, are running into serious problems with the raw materials needed to grow their tricky crops.

Mushrooms are grown commercially in dark, humid buildings in compost created from horse manure and straw. Both are in short supply. The price of straw, for example, has jumped from \$30 a ton to \$100 a ton in a year. In the Northeast, where Ralston and Castle & Cooke have set up 10-million-pound-a-year plants, the horse is a vanishing breed. (Cattle manure doesn't work for mushrooms, though experiments are under way to make it viable.) Straw supplies have shrunk because fewer farmers now bother to produce it.

WELCOME TO THE FOLLOWING NEW MEMBERS

Suzanne Feeny (357-9872); Rick & Tami Griffiths (604-594-6847); Marlyn & Curtiss Karrow (285-3036); James & Jeanne Mavis (232-5180); Agnes T. Pataky (284-0794); Frank & Gladys Sheffield (486-9365); Russell & Lola Shier (542-3973); Paul Stamets (1-866-0927); Bonita Summers (922-6322); Marc & Lorita Ungar (509-943-2570); Darlene Zabowski (284-7880) Please note the new phone numbers for Betty Frankhouser (854-5729); F. DiJulio & D. Kent (283-5520); and Gerald & Gerrie Marchand (285-4233); Marlene Friend (783-4316).