

# SPORE PRINTS

BULLETIN OF THE PUGET SOUND MYCOLOGICAL SOCIETY

2161 East Hamlin, Seattle, Wa. 98112

May 1980

Number 162



## FIELD TRIPS

Dick Sieger

May 17 & 18 Crystal Springs Forest Camp (elev. 2,400')  
Travel east on I - 90 over Snoqualmie Pass. 9 miles past the summit, take the "Stampede Pass exit #62. Turn right at the stop sign, then right again just before the bridge. Pot hunters will be looking for morels and Boletus edulis.

May 24, 25 & 26 Clear Lake Forest Camp (elev. 3,100')  
The camp is south-east of Mt. Rainier National Park on State Route #12. Use the well-marked turn-off about 7 miles east of the White Pass summit. Travel 4/10th mile and take the left fork which is road #1312. Continue another half mile and turn right into the campground that is across the road from the Spring Forest Camp. Morels, Boletus edulis, and an excellent Ramaria species usually can be found.

May 31 & June 1 Tumwater Forest Camp (elev. 2,050')  
The camp is nine miles north-west of Leavenworth. Travel east on Highway #2 over Stevens Pass. About 23 miles past the summit turn left into Tumwater Camp. We will look for Boletus edulis.

We still need hosts for all of the above trips. Please call Dick Sieger (362-6860) and volunteer. Hosts do not need to identify the mushrooms brought in (because an expert identifier is assigned to each trip). The hosts greet the members as they arrive, make coffee and tea, and keep the fire going in the camp fireplace (very much appreciated if we have a cold and rainy day) and arrange the potluck in the evening. Ideally we have 5 to 6 people assigned as hosts, so that they too can trade off, and go hunting part of the time. So, come forth and volunteer.

## PSMS BOOK INVENTORY

Kathy Ringo

Below you find an inventory of the books for sale by our Society for the benefit of our members.

As reported last month, you should call Kathy (after 6 pm please, and not during the day, since someone in her family works nights) at 784 - 9630 and order the book you would like to purchase, and she will bring it to the next membership meeting. On most books PSMS members get a discount from the stated retail price. If you need the book before the next membership meeting, arrangements can be made with Kathy to pick it up at her home.

## PICTURE BOOKS

All Color Book of Mushrooms \$ 3.20  
Color Treasury of Mushrooms \$ 2.10  
World of Nature : Mushrooms \$ 5.30

## BASIC GUIDES

Arco, Guide to Collecting \$ 8.85  
Christensen, Common Edible Mushrooms \$ 3.60

Fungi for Fun \$ 2.80  
Haard, Foraging for Wild Mushrooms \$ 9.40  
Hvass, Mushrooms and Toadstools \$ 5.50  
Lange & Hora, Collins Guide to Mushrooms \$ 7.10  
McKenny & Stuntz, The Savory Wild Mushroom \$ 6.25  
Miller, Guide to North American Mushrooms (paper) \$ 9.45  
hard-bound \$17.95  
Smith, Field Guide to Western Mushrooms \$17.40

## STUDY

PSMS Study Book \$ 4.10  
Irene O'Connor KEY \$ 1.05  
Gene Butler, Key to Genera \$ 5.25  
Pacific Search Picture Keys \$ 1.05  
Poison Pamphlet (by PSMS) \$ 1.05

## HOW TO IDENTIFY MUSHROOMS TO GENUS

I. Macroscopic Features \$ 2.30  
II. Field Identification of Genera \$ 3.30  
III. Microscopic Features \$ 3.30  
IV. Keys to Families and Genera \$ 3.30

Orders have been placed for:

British Columbia Museum Guide to Common Mushrooms  
Tylutki, Mushrooms of Idaho and the Pacific Northwest -  
Discomycetes.

## FOOD

PSMS Cookbook \$ 7.30  
Mac Maniman, Dry It - You'll Like It \$ 4.15  
Donna Myer, Answers to your Mushroom Questions \$ 4.15

## NOTE THE PHONE NUMBER CHANGES

The following members had their phone numbers changed by GTE recently. Please add these corrected numbers to your roster: Winston & Laurel Hufford (481 - 8459 - Winston is the General Chairman of the 1980 Exhibit and you might have to get hold of him). Also Jon & Irene Hendrickson - 481 - 0116; and Tom and Karen McKnight - 481 - 9613. Should there be others, please notify the membership chairman.

Martin and Mabel Hansen's new address is 18841 - 46th S. Seattle, 98188 and phone number: 244 - 1935.

## WORKBOOK FOR GENERAL EXHIBIT TO BE PREPARED

Bob Hamilton

An effort is underway to prepare a workbook on how to produce a successful exhibit. It is intended to help the General Exhibit Chairman and the Specific Committee Chairmen accomplish their tasks by gathering and organizing the knowledge gained from past exhibits. Since this workbook will depend primarily on past experience, it is necessary to collect available information from past exhibits. Committee members from past years who have a collection of reports, notes, guides, statistics, and ideas to contribute, should get in touch with Bob Hamilton (phone 244 - 4367). Any material you submit which you want to retain will be returned if you attach a note with your address.

# Membership Meeting

Monday, May 12, 1980. 8:00 pm McCurdy Room,  
The Museum of History and Industry.

Program: Get ready for a real treat: Dr. Daniel E. Stuntz, our beloved adviser is going to give a presentation on LICHENS. A lichen is a double plant, consisting of a fungus and an alga. The symbiotic associations between the algae and fungi that constitute lichens have fascinated biologists for a long time. The subject has become more and more involved as the physiological interrelationships have been investigated. If anyone can educate us about these interrelationships, it is Dr. Stuntz. He has devoted all his life to the study of fungi and plants, and in his clear and witty style can present a subject in such an interesting way that everyone in an audience is fascinated and sorry when the lecture ends. Dr. Stuntz shows the true form of an outstanding teacher when he, after the lecture, patiently answers all our questions, however irrelevant or repetitious they may be. Now that Dr. Stuntz has formally retired (although he is teaching a class this quarter at the UW), I hope we can have presentations more frequently from him.

## BOARD NEWS

H.R.H.

Our Treasurer, Earl Harrison, had good news: The Pacific Science Center has finally sent us our share for the 1979 Exhibit in the amount of \$2,438.55. It is good to have this matter settled.

Winston Hufford, our Chairman for the 1980 General Exhibit has already done a lot of groundwork. On p.3 is a list of the committees necessary to produce our Annual Exhibit and the names and phone numbers of the Chairmen. It is not too early to volunteer for the committee YOU want to work on.

This year's Exhibit will be held Oct. 4 & 5, 1980 in the Flag Pavilion. With the many unknowns we face in this new location, it will mean we all have to work a little harder to continue our splendid and professional work in producing THE GREATEST MUSHROOM SHOW ON EARTH which is the theme of this year's Exhibit.

The rest of the lengthy Board Meeting was devoted to a review of PSMS' Bylaws which was necessitated by our move to our new location in the Museum of History and Industry (since the Bylaws have to show an organization's current address). While they were at it, the trustees felt the whole document should be gone over and corrections made where necessary. The Board has voted the June 1980 membership meeting as a Special Meeting (as specified in the Bylaws) for the purpose of presenting the proposed changes for a vote to the general membership. Details of these changes can be found elsewhere in this issue.

## CLASS ON WILD EDIBLE PLANTS AND MUSHROOMS

There are many good, edible plants which can be gathered right along with your mushrooms. Dave Jansen (phone 935 - 0370, a PSMS member) will be teaching a class on Edible Plants and Mushrooms at Camp Long (phone 935 - 0370) on May 13, 20, and 27, with a fieldtrip on May 17th.

The series of classes will be repeated at Discovery Park (phone 625-4636) on May 29, June 5 & 12, with a fieldtrip on May 31.

Fieldtrips feature a meal prepared from wild plants gathered during the day.



## P. S. M. S. Spore Prints

is published monthly except July and August by the  
PUGET SOUND MYCOLOGICAL SOCIETY

% The Museum of History and Industry, 2161 E. Hamlin,  
Seattle, Wa., 98112. Mail all articles, art or photos to  
Hildegard Hendrickson, 2559 NE 96th, Seattle, 98115.

**OFFICERS** Carl Hermanson, President, 1982 (1)  
Rick White, Vice-President, 1981 (1)  
Earl Harrison, Treasurer, 1982 (2)  
Margaret Holzbauer, Secretary, 1981 (1)

**TRUSTEES** - Term expires March 1981  
Margaret Dilly (1); Grace Jones (1); Dennis  
Krabbenhof (1); Tom McKnight (1); Agnes  
Sieger (1).

Term expires March 1982  
Margo Harrison (2); Rudy Karzmar (1);  
LomNee March (2); Stan March (1); Don  
Schultz (1).

**ALTERNATES:** John Kunz; Del Miller; Agnes Suit.

**SCIENTIFIC ADVISER** Dr. Daniel E. Stuntz

## Calendar

May 12 Monday, Membership Meeting, 8:00 pm

May 17 & 18 Fieldtrip to Crystal Springs Forest Camp

May 19 Monday, Board Meeting, 8:00 pm

May 23 Deadline for Spore Print Material. Send your  
material to the Editor, 2559 NE 96th,  
Seattle, Wa., 98115

May 24 through 26 Fieldtrip to Clear Lake Forest Camp

May 31 & June 1 Fieldtrip to Tumwater Forest Camp

June 9 Monday, Membership Meeting, 8:00 pm

## MORE ON THE PROPOSED BURN INVESTIGATION

Some of our members are scouting areas where there was a forest fire and/or a slash burn last summer in order to see if there are any morels fruiting there. Should a member find a "strike," the following notice will appear in the TRAVEL Section of the classified pages of the Seattle Post Intelligencer and the Seattle Times on WEDNESDAY THROUGH FRIDAY

== PSMS MEMBERS CALL DICK ==

This message means that you should call Dick Sieger, his phone number is 362-6860 and a recorded message will tell you where to go. Should the above message appear prior to the weekend of a scheduled field trip, that trip would be cancelled and the morel trip would be held.

## NOTICE OF A SPECIAL MEETING

Per Article V., Section 2 and Article X of our Society's Bylaws, the Board of Trustees has designated our regular membership meeting on June 9, 1980 as a SPECIAL MEETING.

The Board of Trustees has approved and will submit to the membership certain changes in the Bylaws for their approval at the June 9, 1980 Special Meeting. The following is a short statement of the proposed changes:

1. To correct the address of the Puget Sound Mycological Society's principal office
2. To make changes in the text so that the Bylaws conform to the requirement for electing two officers and five trustees at each annual election, as provided by the Amendment of the Bylaws on May 10, 1976.
3. To eliminate reference to officers, trustees, and members by gender, to comply with modern practice.
4. To add some references to other sections of the Bylaws to make the text easier to use.

None of the above changes to the Bylaws alter in any way the intent of the present Bylaws.

## ROCKPORT FIELDTRIP REPORT

H.R.H.

Everything was right for this fieldtrip held April 12 & 13th. Two glorious days of sunshine and lots of Verpa bohemica for everyone who went out to look. The mushrooms weren't even hard for newcomers to see, since many of them were mature and the stems very visible. Jennie Schmitt identified 28 different species including Gyromitra gigas and G. esculenta, and a licorice fern brought in by Bill Brown. George Rafanelli brought the members of his spring mushroom class and assisted with the id.

A total of 84 members and guests signed the register; some had arrived during midweek and Friday and they exchanged information around the campfire in the evening. About 50 people partook in the delicious potluck dinner on Saturday.

Hosts for this trip were yours truly on Saturday (except for a couple of hours in the afternoon when Len Schaller and Dave Schmitt took over, so that Marjorie Schaller and I could go and check a burn by Concrete, where we found the only two morels brought in). On Sunday morning Myrtle Fick took over the hosting duties, while Art continued his duty as guide for newcomers.

Our reception by the park ranger, Dave Horn worked the weekend, was very cordial, as usual. A lot of work had been done on the layout of Steelhead County Park, making it even more attractive than it had been in the past.

## NEWS ITEMS

H.R.H.

The 1980 membership rosters are ready and will be available for pickup at the May and June membership meetings. The rosters not picked up, will be mailed out in June.

The LID from an electric FARBERWARE frying pan, left at the potluck in Rockport may be picked up at Dick Sieger's.

## TRIAL FIELD KEYS AVAILABLE AT MEMBERSHIP MEETINGS

Coleman Leuthy will again have Trial Field Keys for macroscopic identification of Northwest mushrooms for sale at the May and June membership meetings. These keys, prepared by members of the Northwest Key Council try to identify all species of a genus occurring in the Northwest. The prices range from 25¢ to \$1.50 per key.

## 1980 ANNUAL EXHIBIT COMMITTEES

Winston Hufford

General Chairman

ARTS & CRAFTS	Florence Mals Bernice Velatequi	878 - 2708
BOOK SALES	Kathy Ringo Michael Westby	784 - 9630
COMMERCIAL CONSTRUCTION		
FREEZE DRY	Dr. Patricia Winter	486 - 4264
GREENERY	Paul Rule	1-794 - 8987
HOSTESS	Laurel Hufford	481 - 8459
IDENTIFICATION	Charles Volz	363 - 5465
LABELING	Helena Kirkwood	784 - 1095
MEMBERSHIP	Grace Jones	772 - 5024
MUSHROOM COLLECTION		
MUSHROOM RECEIVING	Ed & Ella Cantelon	242 - 6115
PHOTO & SLIDE SHOW	Joy & Roger Spurr	723 - 2759
POSTER PLACEMENT	Claude Dilly	782 - 8511
PRESERVATION	Jennie Schmitt	1-876 - 3177
PUBLICITY	Stan March	885 - 0375
	Dennis Krabbenhoff	839 - 2454
SECURITY	Earl Harrison	932 - 1612
SORTING BOXES	Jim Bennett	784 - 6236
TRAY ARRANGEMENT	Margaret Dilly	782 - 8511

## NEW PUBLICATIONS

Robert & Dorothy Orr, Mushrooms of Western North America 320 pages, 24 pages of color plates, cost \$14.50. Order from University of California Press, 2223 Fulton Street, Berkeley, Ca., 94720.

Good Things to Eat with Moonlight Mushrooms is a 30 page booklet featuring the commercial mushrooms grown and distributed by the Butler County Mushroom Farm, Inc., Worthington, Pennsylvania, 16262. The cost of the booklet is 50¢.

Mr. Jackson's Mushrooms, edited by Mimi Cazort with a foreword by Rene' Pomerleau. This is a most remarkable book, reviewed by Harry Knighton in The Mycophile. It is like nothing else in mycological literature. The format is large, 10" x 13" in order to accommodate Mr. Jackson's beautiful colored drawings of mushrooms. For those members who have Dr. Pomerleau's book, Mushrooms of Eastern Canada and the United States, the water colors that illustrate the text are those done by Mr. Jackson. There are 42 colored plates on high quality glossy paper. The text is printed on a textured ecru soft paper that gives a quality of ancient parchment to the work. Perhaps the most unusual feature of the book is that it follows no precedence from the usual mushroom manual. The text is actual excerpts from Mr. Jackson's diary. The reader is led through the Canadian woods with Mr. Jackson and his dog "Honeyboy". He finds mushrooms and owl pellets, stinkhorns and wolf tracks, he tells of the destruction of the woodlands by lumbering and ignorance, in short the reader will feel that he has known Mr. Jackson for years and has shared both his triumphs and trials. It is a book you will be proud to display and peruse in your home. Priced at \$35.00 it can be ordered from The University of Chicago Press, 5801 South Ellis Avenue, Chicago, Ill., 60637.

Michigan Morels and Wildflowers, a ten page pamphlet published by the Michigan Department of Natural Resources. It contains two pages of colored pictures of morels and their look-alikes. This may be ordered from the Michigan Travel Information Center, 52 East Monroe, Chicago, Ill. 60603.

This will be the third annual Photo Festival sponsored by Upper Valley Arts in Leavenworth, Wa. Workshops and seminars will be held on weekends throughout the summer. The first workshop, June 7 & 8 will be given by Joy Spurr on Nature Photography (wildflowers, mushrooms and birds). Advance registration is required. For full information write to Evelen Unbewust, Upper Valley Arts, P.O. Box 385, Leavenworth, Wa., 98826. Upper Valley Arts is a non-profit organization sponsoring and encouraging cultural activities in Leavenworth.

#### MUSHROOM CONFERENCE SET AT GOTHIC, COLORADO

A mushroom conference designed for persons interested in expanding their knowledge of edible, poisonous, and psychoactive wild mushrooms is scheduled Aug. 7 - 10, 1980 in Gothic, Co. The area is accessible by auto, airline, and bus. Registration is \$100, including meals, campsites, or dormitory accommodations. For further information contact Manny Salzman, 70 South Birch Street, Denver, Co., 80222, or call (303) 333-2585.

#### MOREL SOUFFLE'

adapted from Morel Mushroom Cookbook, by Betty Ivanovich R-B Food Products, 7626 Auburn Road, Utica, Mich.48087.

1/2 lb. Morels, chopped; 4 tblsp. butter; heavy cream; 3 tblsp. flour; salt; pepper; 4 egg yolks; 5 egg whites beaten stiff but not dry; Bread crumbs.

(a) Sauté the chopped morels in 3 tablespoons of the butter for 5 minutes. Meanwhile, butter the inside of a souffle' dish and set aside. Preheat oven to 375°.

(b) Remove mushrooms from pan with a slotted spoon, draining juice thoroughly back into pan. Reserve mushrooms.

(c) Measure the cooking liquid in the saute' pan. Add enough heavy cream to make 1/4 cup liquid. Pour this mixture back into the pan. Add the flour. Heat stirring constantly, until the mixture reaches the boil. It should be smooth and thick.

(d) Remove flour mixture from heat. Stir in salt and pepper to taste and continue stirring until cool.

(e) Add mushrooms to cooled mixture. Stir in egg yolks, one at a time, mixing until well incorporated.

(f) Fold in egg whites and pour souffle' batter into buttered souffle' dish. Sprinkle lightly with bread crumbs. Dot with butter. Bake for 30 to 35 minutes, or until the top springs back when touched lightly. Yield: 3 - 4 servings.

#### MEDIA MISTAKES

The Mycophile

From a recent issue of the Washington Post comes the story of a Swedish newspaper making an error that might have had tragic consequences. An article on mushrooms in a Sunday supplement of the Afton Bladet contained a photo of Amanita phalloides instead of a harmless edible mushroom. A later edition called the readers attention to the mistake but not before a rival newspaper wrote a follow-up article and jibed, "Read Afton Bladet and Die."

#### OF THIS AND THAT

The Boston Mycological Club reported that the most common mushroom picked in that area is the Armillaria mellea, with Pleurotus ostreatus and Boletus (Suillus) granulatus close seconds. I think in the Puget Sound area the Cantharellus cibarius would win hands down. But which are second and third? (perhaps Leccinum aurantiacum?)

It is a well established fact that there is a luminescent form of Panellus stypticus in North America. J.B.Ellis (Jour. Mycol. 2:70-71, 1886) appears to have been the first to publish on it and some research was carried on these properties by A.H.R. Buller (Researches on Fungi Vol. 3:384-416, 1924). Buller noted that the European form was not luminescent. Later R. Macrae (Nature 139:674, 1937; Can. Jour. Res. C. 20:411-434, 1942) showed that the luminescent forms were interfertile with nonluminescent forms. ... In all the cases from North America Panellus stypticus was reported to be luminescent, eastern material was used. I had an opportunity to confirm this from a collection made in Quebec in Sept. 1979. However, much to my surprise, collections made on a recent trip to Vancouver Island, B.C., on the west coast showed no signs of luminosity. Three collections, consisting of basidiocarps in all stages and rain soaked, were tested on different occasions. A culture obtained from spore deposits was also negative. I would be interested in hearing whether others can confirm the existence of a nonluminescent form on the west coast, and if so, just where on the continent the two forms meet. Young or sporulating basidiocarps which are moist should be used and the eyes need to be adjusted to night vision to perceive the dim bluish green light given off by the mushrooms. Voucher specimens which have been air dried might also be helpful. Persons wishing to help with this experiment should contact Dr. Redhead, Biosystematics Research Institute, Wm. Saunders Bldg. C.E.F. Ottawa, Ont. K1A 0C6, Canada.

#### MUSHROOM POISONING IN READING, PENN.

NAMA reports that the silver coin strikes again. On Oct. 15, 1979 an 80 year old woman and her 60 year old son ate some and canned the remaining amount of mushrooms given to them by a neighbor. To be doubly certain the mushrooms were not poisonous they cooked them with a silver coin and garlic, neither of which turned black. The typical pattern of amatoxin-poisoning ensued, and the woman died Oct. 19th. The son is recovering. They had eaten Amanita phalloides. From past experiences it seems that Berks County, Pennsylvania and Cape May County, New Jersey are the A. phalloides "capitals" of eastern USA.

#### PARBOILING MUSHROOMS

Dick Sieger

Some mushrooms should be parboiled to make them safer to eat. Examples are the "early morel", Verpa bohemica and Gyromitra esculenta, the "brain mushroom".

Gyromitra esculenta is eaten by some people in the Pacific northwest but it has fatally poisoned people in Europe and eastern North America. Before eating it, you should know that one local mycologist eats and enjoys it while another will not eat it under any circumstance. Heat and water won't remove poisons from all mushrooms but will help with this particular one. It should always be parboiled before it is prepared for the table. Never eat it three days in a row.

To properly parboil mushrooms, first cut them into large pieces. Put the pieces into a pot filled with cool water. Bring the water to a boil and continue boiling the mushrooms for at least five minutes, uncovered. Pour off the water and discard it. Put the mushroom pieces into a colander and rinse them with running water. The parboiling may be repeated.