

SPORE PRINTS

BULLETIN OF THE PUGET SOUND MYCOLOGICAL SOCIETY
2161 East Hamlin, Seattle, Wa. 98112

December 1980

Number 167



Season's Greetings



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prunulus*



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Spore
Prints

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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
Krabbenhoft (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). Jennie Schmitt (imm. past pres.)

ALTERNATES: John Kunz; Del Miller; Agnes Suit.

SCIENTIFIC ADVISER Dr. Daniel E. Stuntz

Calendar

- Dec. 8 Monday, Beginners' Class, 6:45 pm
Membership Meeting, 8:00 pm
- Dec. 15 Monday, Board Meeting, 8:00 pm (one week early)
- Jan. 12 Monday, Beginners' Class, 6:45 pm
Membership Meeting, 8:00 pm
- March 13 Friday, The 17th Annual Survivors Banquet

INCREASE IN MEMBERSHIP DUES FOR 1981 Grace Jones

Your 1981 membership is due. The new rates are \$12 for a family membership, \$8.50 for a single membership and \$6 for a student membership. You should note that this is the first increase in dues since 1971 (what else has stayed the same in price for such a long time?) The increase is necessary on account of higher costs, and also in anticipation of higher postage rates coming next year. Last year's financial statement (presented in the June issue) shows that membership expenses exceeded membership dues.

Use the enclosed renewal slip, and attach your check and mail them to our membership chairman, Grace Jones, 12238 - 78th Ave. S., Seattle, 98178. You can also renew at the December membership meeting.

New members, who have joined PSMS since September have their memberships paid up till December 1981 and will not receive a renewal slip

Membership Meeting

Monday, December 8, 1980, 8:00 pm in the McCurdy Room of the Museum of History and Industry

Program: By popular demand we repeat our Photography Night & Christmas Party again this year. Our photography chairman Ed Cantelon coordinates the showing of slides, photographs and prints by our members. Please contact Ed (242 - 6115) if you can show some pictures.

After viewing the efforts of our members, we stage a Christmas Party with cookies and goodies provided by our members. Ella Cantelon and her assistants provide the coffee. You don't need to call Ella, but don't forget the cookies!!

Be sure to attend and get acquainted with your fellow PSMS members.

BOARD NEWS

H.R.H.

After accepting the minutes of the previous board meeting, the Board heard from the treasurer. Earl Harrison reported that admission receipts together with booksale profits will let the Society break even on this year's Exhibit. Membership dues are not counted in the above numbers. By year's end new memberships will number about two-hundred. Since every aspect of this year's Exhibit (except attendance) were most satisfactory, PSMS has reserved the Flag Pavilion for the next two years (Oct. 10 & 11, 1981 and Oct. 2 & 3, 1982) We have been promised by the Seattle Center that the Food Circus will be open then. The NAMA Foray date has been changed to Oct. 16 - 19, 1981. It will be held at Fort Worden State Park by Port Townsend.

After thorough investigations by Rudy Karzmar and Monte Hendrickson, the Board approved the acquisition of a semi-professional KODAK projector. This acquisition was necessary since the Museum does not provide such equipment, and the Society has had to borrow projectors from members. This projector will also be used for PSMS classes.

A meeting has been held at Carl's house in order to outline future educational programs of PSMS. The direct result is the holding of classes for absolute beginners, starting with the December meeting. More on these classes somewhere else in this bulletin.

At the request of Kathy Ringo (booksales chairman) a committee chaired by Jennie Schmitt, and members Hildegard Hendrickson and John Kunz, was set up which will review new mushroom books for possible additions to our booksales inventories. The committee welcomes input.

A new printing of the "old" colorful PSMS decals has been completed and they are available for sale to the membership at 50¢ a piece. The Board decided that decals will not be free to new members in the future.

The Board reviewed financial information, and voted to increase membership dues for 1981, effective immediately. Family memberships are \$12, single memberships \$8.50 and student memberships \$6. This is the first increase in membership dues since 1971, and by all comparisons, is still a good bargain.

The Board also set the prices for book sales to members. They will be the publisher's suggested retail price plus sales tax minus 10%. No discounts will be given at the Annual Show.

With the increased publicity and popularity in hallucinogenic

mushrooms, the Board wants to come up with an official position for the Society. More on this later.

The Society purchased the tablecloths used at last year's December membership meeting for \$1 a piece, after the firm from which they had been rented, went out of business. Now Ella Cantelon would like to hear from a member who owns a mangle in helping her iron the tablecloths for this year's Christmas Party. Her phone number is 242 - 6115.

REPORT FROM THE LAKE ARROWHEAD FIELD TRIP

Mildred Bronner

The weather on Saturday, November 1st was wet, but everyone who came to Lake Arrowhead and who went out, came back with Chanterelles. I don't remember how many members signed the fieldtrip register, but about 30 persons participated in a very good potluck in the nice club house in front of the fire in the fireplace.

About 73 specimens were identified, but more were brought in. Everyone who braved the weather had a good time. After dinner on Saturday, we were treated to a very well prepared slide show, given by Jennie Schmitt. It was a fun, wet, and prosperous weekend. Emory and Mildred Bronner were the hosts for this last outing of the fall season.

REPORT FROM THE DANIEL E. STUNTZ FORAY Ben Woo

The Daniel E. Stuntz Foray, an annual gathering of western teaching mycologists and their students, took place this year the weekend of October 10 - 12 at Camp Wooten in the Tucannon Valley of southeast Washington. Hosted on a rotating basis, past locations have included McCall, Idaho; Snoqualmie Pass; Mendocino, California; Cedar City, Utah and Sandlake, Oregon. This year's site was to have been the Cispus Environmental Center, which was unfortunately made unavailable by the eruptions of Mount St. Helens.

Blue skies and sunshine made for fine cross-state driving but boded ill for mushroom collecting. To our surprise, the narrow creek bottoms were damp enough to yield abundant quantities and varieties of fungi. Enough material was brought in from the collecting sites to overflow the display tables.

Host Mycologist Dave Hosford gave a fascinating account of the effects of the volcanic eruption on the forests adjoining Mount St. Helens, and about the studies which will track the natural regeneration processes. On the following evening, Dr. Hosford showed slides featuring two prominent attendees, Dr. Stuntz and Dr. Alexander Smith, depicting scenes from their early days, and showing light moments from their careers in mycology. Dr. Joe Ammirati unveiled further secrets of the section Dermocybe of Cortinarius, casting light on a little appreciated tribe of the LBM's.

Possibly lateness of the foray date or pessimism about collecting conditions reduced attendance below that of prior years. A contingent from OSU was the most numerous out-of-state group present. Drs. Alec Smith and Helen Smith were the most luminous. Kit Scates as always, was the most energetic and enthusiastic. Joe Ammirati brought the most distant travellers: Austrian mycologists Gerwin Keller and Helene Diehlitz, students of noted Agaricologist Meinhardt Moser, here to do comparative chromatographic studies of the pigments in Cortinarius. Others from PSMS included Charlie Volz, Coleman Leuthy and Judy Roger. What made the foray especially enjoyable was the thorough planning and hard work of members of the Tri-Cities Mycological Society.

CLASSES FOR BEGINNERS

Monte Hendrickson

For the first time since I have been a member of PSMS our Society will hold an Orientation Class for Beginners. For your convenience the classes have been scheduled at 6:45 pm on the Monday of the Society's regular monthly meeting. The first class will be held Monday, December 8th in the auditorium (downstairs) of the Museum of History and Industry. The class will last till 7:30 so that the members can then join the others upstairs in the McCurdy Room for our December slide program and Christmas Party.

There will be three classes (December 8th, January 12th, and February 9th) and a learning, one-day fieldtrip in March for the earliest mushrooms of the spring season, the *Verpa bohemica*.

The topics of the classes are (1) Orientation for absolute beginners into all aspects of our Society; (2) Cooking and preservation of your mushrooms; (3) Basic Fundamentals of Mushroom Identification; and (4) Learning Field Trip for spring mushrooms.

All interested members are welcome. There will be no fee for these Orientation Classes.

BANQUET NEWS

Margaret Dilly

The Annual Meeting and Survivors Banquet date has been set for Friday, March 13, 1981 and will be held at the South Seattle Community College. The focus again will be on ELEGANT DINING due to last year's smashing success.

For the members who are new, I might explain that this event replaces the regular meeting for March and is designed to install the newly elected officers and board members. This evening, by tradition, has been a time of feasting for those hardy souls who have survived the previous year of ingesting wild fungi.

As with everything else, inflation has hit the food industry too. This means a fifteen percent increase in the price over last year. The dinner price this year will be \$12.50 and \$1.50 for wine with your dinner. We shall attempt to stay with the price of \$3.00 (same as last year) for the champagne reception to be held before dinner. There will be no hors d'oeuvres!

The program for the evening will be announced later. Further details about the event will appear in the January issue of Spore Prints.

Tickets will be on sale at both the January and February general meetings. Be sure to mark this March date on your calendar now, and reserve that evening for a treat you won't soon forget.

CHANTERELLE QUICHE

Mycol. Assn. of Wash.

1 tsp. butter; 2 tsp. chives; 3/4 lb. Chanterelles; 1 tsp. lemon juice; 2 tsp. port wine.
Steam together briefly (3-5 minutes) Set aside. Combine the following:
3 eggs; 1-1/2 cup cream; dash nutmeg; dash pepper; 1/4 cup grated Swiss cheese.
Add mushroom mixture, pour into partially baked pie shell. Bake 30 minutes at 375°.

MANY THANKS go to one of our newer members, Beatrice Bock, who contributed the beautiful cover for this issue. Bea is a medical illustrator by profession. She also does technical drawings for their Redmond firm.

Our 7th Annual Free Wild Mushroom Exhibit was held on October 19th, 1980 in downtown Chimacum. We were very pleased to see our old friends from PSMS, the Kitsap Peninsula Society, and the Tacoma Society. Everybody went out on Saturday to collect the mushrooms for the display on Sunday. Over 167 varieties of fungi were displayed, and some more were brought in late. The big "show stopper" was a huge section of a log upon which a large, snow-white and very striking clump of *Hereticium* was growing. Mr. Carl Olson labored for some time to carefully cut off this slice of the large log so he can bring it in for our Show.

The potluck on Saturday evening was a beautiful display of exciting dishes, with food left over. It would seem as if everyone really did their utmost to create unusual and tempting dishes.

We have had an abundance of Chanterelles this fall, with the white variety being more numerous. Yes, we had a successful Show thanks to the help from our friends from the other societies.

REPORT FROM THE MILLERSYLVANIA FIELD TRIP

Margaret Holzbauer

Weather forecasts to the contrary, Saturday, Oct. 24th was a pleasant autumn day. New members were guided by Monte and Hildegard Hendrickson to productive Chanterelle patches.

Our apologies to the two new members who came dripping out of a pouring rain into Kitchen #1 on Sunday morning, just when the last cup of coffee had been drunk, and the gear was being packed for the trip home. Because they work on Saturday, these young people missed the good weather and the good hunting that day. The best we could do for them was for Dave Schmitt to show them a nice cluster of Armillaria mellea growing nearby.

Thirty-eight people registered for the hunt this week-end; 31 attended the delicious potluck. Seventy-four species were identified by George Rafanelli and Brian Luther, while Dick Sieger set up his microscope in a corner and furthered his mycological education. Margaret Holzbauer and Bob Hanna acted as hosts.

MUSHROOM STAMPS - Finland issued three mushroom stamps in April 1980. These include Lactarius torminosus (eaten in Finland after boiling and then cooking), Leccinum versipellis and Russula paludosa. They are printed in five-color offset on phosphorescent paper.

BOOKS Mycolog. Society of Toronto

R. Gordon Wasson, the world's celebrated amateur mycologist and author of Mushrooms, Russia & History (1957), Soma: Divine Mushroom of Immortality (1968), and Maria Sabina & Her Mazatec Mushroom Velada (1975), is coming out with a new book: The Wondrous Mushroom. A special deluxe edition is being offered in a limited run of only 401 copies, each copy signed and numbered by the author and slipcased. They are printed in Verona at the Stamperia Valdona, and were designed by Martino Mardersteig.

Date of publication is August 15. Prepublication price is \$400; after publication \$525. By the way, copies of Mr. Wasson's earlier opus, Mushrooms, Russia & History (published in an edition of 500 copies, \$250 at publication) now fetch in the neighborhood of \$2,000 at auction.

From a copy of The Daily World's Sunday Magazine (Aberdeen) sent to us by Irene O'Connor, we report that a couple in the community of New London (by Hoquiam) was purchasing between 2,000 and 5,000 pounds of Chanterelles a day this past season. The couple are brokers for a Chinese-run firm in Vancouver, B.C., which ships most of the product in brine to a West German firm. This commercial picking of Chanterelles put a tremendous pressure on the recreation pickers on the peninsula.

MANGLE NEEDED: Please let Ella Cantelon (242 - 6115) know if you own a mangle and give her a hand in ironing the tablecloths for the Christmas Party!

The Mycological Society of San Francisco is holding its 10th Annual FUNGUS FAIR on Sunday, December 7, 1980 at the Lakeside Garden Center in Oakland.

The Los Angeles Mycological Society will hold its 1981 FORAY February 5 - 8 at Cal State, Los Angeles. For more information write to LAMS, Museum of Natural History, 900 Exposition Blvd., Los Angeles, Ca., 90007.

On October 22, 1980 the New York Times had a big, long write-up on wild mushrooms. It even featured the restaurants where a patron could expect to be served wild mushrooms as well as the stores where dried or canned wild mushrooms are sold. The article also stated that in the U.S. annual consumption of bought mushrooms is 2.7 pounds a year, while it is 8 to 9 pounds in France and Italy, and averages 14 pounds in Germany.

According to Dr. Alexander Smith's talk last month, the most productive mushroom areas in the U.S. are the south shore of Lake Superior, the Smocky Mountains, Northern Idaho, Colorado, the Pacific Northwest.

MYCOLOGY SPOKEN HERE

Dick Sieger

SUBSTRATE or SUBSTRATUM Plural: substrata

Latin: sub = under, stratum = spread out

The material to which a fungus is attached or upon which it grows is the substrate. A terrestrial mushroom grows on the ground. One growing on sound wood (rotten wood doesn't count) is lignicolous. Sometimes a lignicolous mushroom grows on buried wood and appears to be terrestrial.

Green plants can get energy for life directly from sunlight but fungi, like people, depend on material produced by living things. They can live on all sorts of organic material including such unlikely things as wine, bones, or the feet of athletes. Generally, each species is a fussy eater and some species are fussy indeed. There are Laboulbeniales living on insects that are found only on a particular segment of the host's leg.

Parasitic fungi obtain their nourishment from live organisms to which they are attached. The words saprobic, saprobiotic, and saprophytic are used to describe fungi that live on dead things. The honey mushroom, Armillaria mellea, can be either a parasite or a saprobe. It may slowly kill its host tree and then continue to live on the dead wood. Symbiotic fungi live in close association with another kind of organism and each partner contributes to the well-being of the other. Lichens are symbiotic algae and fungi.