

SPORE PRINTS

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

June 1981

Number 173



BEGIN TO THINK EXHIBIT Bob Hanna & Don Schultz

It is not too early to make up your mind to help on this year's annual exhibit, to be held Saturday and Sunday, Oct. 10th & 11th, 1981 at the Flag Pavilion on the grounds of the Seattle Center. Below we print the chairpersons of the various committees, and you can give them a call and sign up to help. They know what has to be done, but they all need us to assist them. You will be given instructions, and we can find a job for everyone, whatever their specific talent may be.

It is a very rewarding experience for all who participate, so don't hesitate and sign up now. The call goes for new members as well.

1981 ANNUAL EXHIBIT COMMITTEES

General Exhibit Co-Chairmen		
	Bob Hanna	767-6381
	Don Schultz	226-2217
Arts & Crafts	Tatiana Roats	842-3750
Book Sales	Kathy Ringo	
	Mike Westby	784-9630
Clean-Up		
Construction	Joe Cail	243-8492
Decoration	Stan March	885-0375
Feel and Smell	Ed & Ella Cantelon	242-6115
Freeze Dry (Spring fungi)	Dr. Patricia Winter	486-4264
Fungi in Foodstuff	Lois Ohlson	242-6523
Fungus Collecting	Elizabeth DeQuine	789-6728
	David Jansen	322-3307
Greenery Collection	Paul Rule	1-794-8987
Greeters/Security	LomNee March	885-0375
Identification	Charles Volz	363-5465
Labeling	Helena Kirkwood	784-1095
Membership	Aino Kunz	362-7402
Microscope Projection	Jack Orth	1-387-7793
Mushroom Dyes	Ella Cantelon	242-6115
Mushroom Receiving	Ed & Ella Cantelon	242-6115
Preservation	Jennie Schmitt	1-876-3177
Publicity	Dennis Krabbenhoft	839-2454
	Marian Maxwell	271-7086
Slide Show/Photographs	Joy & Roger Spurr	723-2759
Sorting Boxes	Jim Bennett	784-6236
Tray Arrangement	Margaret Dilly	782-8511

FIELD TRIPS Dick Sieger

June 6 Chateau Ste. Michelle Winery
Saturday only. No pot luck. Tours start at noon. From I - 405, take the Woodinville exit #23 and follow highway #522 into Woodinville. Follow signs to highway #202 and turn left (south) onto #202. Continue for 1 - 1/2 miles to the winery. You may come early with a picnic lunch and can look for mushrooms on the grounds. Wine and cheese can be purchased. Serious

amateurs will observe the work of the Saccharomycetaceae that turn juice into wine and the rest of us will just have fun.

June 13

Trout Lake

Saturday only. No pot luck.

There are two routes, each about the same length. Travel south on I - 5. Take exit #1A to route #14. Continue east along the Columbia River. Just before White Salmon, turn north onto route #141. Continue north to Trout Lake. Just after passing a service station and store, turn left to County Park. OR, travel east on I - 90. Take exit #110 and continue south on I - 82 through Yakima. Continue south on route #97 through Toppenish and Goldendale. Turn west on route #14 to White Salmon and continue as shown above. This is an Oregon Mycological Society field trip and we are their guests.

PHOTO TIP FOR JUNE

Joy Spurr

Cropping may improve your picture! The picture looked great through the view finder, but flash it on the screen three weeks later, and you discover the composition is not what you thought you had captured. The subject of interest is slightly off-position, there is too much sky or too much foreground, a tilted horizon, or a too light or too dark distraction at the edge of the frame. To correct small deficiencies, change to a slide mount with a smaller opening. Masks come in various-sized squares and rectangles and in unusual shapes such as a keyhole or heart. They are available from your photo dealer.

WASTE BENEFITS

The San Francisco Society reports that in the residue from instant coffee manufacturing by the Nestle Company, one of their members has been finding Pleurotus ostreatus and other wood-growing fungi in great quantity. The material, more than a foot deep, comes very hot from the plant, but after cooling and soaking by rain showers, is blossoming with lilac and white-spored species of the oyster mushroom. They appear in deep cracks in the nutritive mass. The bulletin gave explicit directions on how to find the site.

BOOK BARGAINS

North American Species of Hygrophorus by L.R. Hesler and Alexander H. Smith is currently available at Barnes & Noble for the low price of \$2.98 (plus \$1.98 shipping). Barnes & Noble/Sale Annex, Dept. 618, 126 Fifth Avenue, New York, N.Y. 10011. This book originally sold for \$18.50.

A book of interest to mycophagists is the Morel Mushroom Cookbook by Betty Ivanovich. It can be ordered from Betty's Mushroom Specialties, 7626 Auburn Road, Utica, MI 48087 for \$3.00 each plus 50¢ postage.



P. S. M. S. Spore Prints

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PUGET SOUND MYCOLOGICAL SOCIETY

% The Museum of History and Industry, 2161 East Hamlin
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to Hildegard Hendrickson, 2559 NE 96, Seattle, 98115.

OFFICERS Carl Hermanson, President, 1982 (1)
John Kunz, Vice-President, 1983 (1)
Earl Harrison, Treasurer, 1982 (2)
Margaret Holzbauer, Secretary, 1983 (2)

TRUSTEES - Term expires March 1982: Margo Harrison (2); Rudy Karzmar (1); LomNee March (2); Stan March (1); Don Schultz (1)
- Term expires March 1983: Hildegard Hendrickson (1); Monte Hendrickson (1); Grace Jones (2); Dennis Krabbenhoft (2)
Agnes Sieger (2).

ALTERNATES: Marian Maxwell; Charlotte Turner - Zila; Dave Jansen.

IMMEDIATE PAST PRESIDENT: Jennie Schmitt

SCIENTIFIC ADVISER: Dr. Daniel E. Stuntz

Calendar

June 6, Saturday afternoon only - St. Michelle Winery Tour

June 8, Monday, Beginners' Class, 6:45 pm

Membership Meeting, 8:00 pm

June 13, Saturday only - Trout Lake - no potluck

NO MEMBERSHIP MEETINGS IN JULY AND AUGUST

Aug. 24, Monday, Board Meeting, 8:00 pm

Aug. 28, Deadline for Spore Print Material. Send all articles photos, etc. to the Editor, 2559 NE 96th Street, Seattle, Wa., 98115

Sept. 14, Monday, Membership Meeting, 8:00 pm

Oct. 5th (one week earlier than usual) Monday, Member-shi Meeting, 8:00 pm

Oct. 10 & 11 - The 18th Annual Exhibit - Flag Pavilion

LAST CHANCE TO PICK UP YOUR 1980 ROSTER

The June membership meeting is your last chance to pick up your 1981 membership roster. After this date, our membership chairman, Aino Kunz, has to mail them to you, which is not only a lot of work, but rather expensive. So make every effort to attend and pick it up!

—Have a Nice Summer - Hildegard & Monte —

Membership Meeting

Monday, June 8, 1981, 8:00 pm in the McCurdy Room of The Museum of History and Industry

Program: Dr. Joseph Ammirati, Associate Professor of Botany at the University of Washington will give a slide-illustrated lecture on the genus *Cortinarius*. This genus has the most species represented in our area, yet we don't know very much about these mushrooms. We will all benefit from his expertise and handouts.

BOARD NEWS

A.A.S.

In the absence of Cari Hermanson, who was in Los Angeles, the May meeting was called to order by Vice-President John Kunz. After approval of the minutes of the April meeting, Bob Hanna reported on preparations for the Annual Exhibit. Because of current health problems, Dennis Krabbenhoft, chairman of the publicity committee, needs assistance, and Marian Maxwell has agreed to fill in as co-chairman.

In response to a request relayed by Bob from the arts and crafts committee, the board agreed that emphasis should be on quality not quantity, and that exhibits will be limited to six or seven tables. Because of our liability insurance, it was also decided that all arts and crafts exhibitors must be PSMS members in addition to paying a percentage on sales.

Bob reported that he still needs a chairman for the cleanup committee (this is just for during the show; the construction committee and anyone else who happens to be around take care of cleaning up after the show). He would also like to start getting a crew to load and unload the props for the show which are stored at Barrett's.

Earl Harrison and John Kunz discussed books for the Annual Exhibit and the NAMA foray. Earl suggested that we sell books at list price at the Exhibit and list less 10% at the general membership meetings. John suggested that we might hold a book review at the September meeting where people could order books at the discount price for delivery at the Exhibit.

The board voted to move the October meeting to the first Monday of the month to allow more time to prepare for the Annual Exhibit.

Monte Hendrickson mentioned the need to revise and reprint the educational pamphlet.

Margo Harrison reported that she had five replies (after the ensuing discussion, it was 6 or 7) on growing shitake logs—none encouraging.

THE MUSHROOM TRAIL GUIDE BY PHYLLIS J. GLICK

A book review

Jennie Schmitt

This is a paperback - \$5.95 published by Holt, Rinehart & Winston, New York, N.Y. Forward by Dr. Harry D. Thiers.

The author attempts to help the reader identify the mushroom to genus and then determine whether it is poisonous or edible.

Once the genus has been established, all of the commonly consumed and toxic species are described in simple, but accurate terms. The book is illustrated throughout with the author's own line drawings.

Recipes are suggested throughout the book under the description of the genus (new members please note this).

The author has compiled a very useful and readable text

which suffers a bit from being too brief and to the point. A bit more elaboration at times would have been desirable.

Capitalized characteristics, e.g. CAP, GILLS, STEM, etc. make it easier to locate what you want to check out. This book can be a useful field guide on your hikes and back-packing trips, and the price is right.

MUSHROOM CONFERENCES GALORE

In April we reported about the Margaret McKenny Foray to Fort Worden State Park, Port Townsend, and stated that although this is the annual foray of NAMA, PSMS members are eligible to attend. It will be held Oct. 15 - 18, 1981. Our Jennie Schmitt is the registrar. The co-chairman, Ben Woo and Dick Sieger can use additional volunteer helpers.

The Telluride Mushroom Conference, Aug. 27 - 30th will have Dr. Rolf Singer as the chief mycologist.

Dr. Fred Van DeBogart (a PSMS member) will hold a Seminar on field identification of mushrooms in Jackson Hole, Wyoming, Aug. 24 - 28th.

The 8th Annual Rocky Mountain Mushroom Conference, to be held Aug. 16 - 20th at Snowmass Village, Colorado, will have Dr. Daniel Stuntz as one of the professional mycologists.

Your editor has the original brochures on these conferences.

CRYSTAL SPRINGS FIELD TRIP REPORT Sigrun Budnik

This year the weather has been quite strange in the Stampede Pass area - snow for Thanksgiving and rain for Christmas. Our weekend (May 2nd and 3rd) was no exception - snow on Friday and Saturday evenings, rain, sun, and hail during the day.

Del and Ruth Miller (assisted by Sigrun) were our hosts; they kept the fire and coffee going. The weather did not deter 48 people from the hunt.

Charlie Volz was kind enough to do the identifications for us. Monte Hendrickson took the new members out and gave all his morels to the new members. I sure wish he would forget how long I have been with the Society and given some to me. There were 25 varieties identified. Verpa bohemica, Morchella esculenta, Gyromitra esculenta, and G. gigas, Amanita sp. puffballs, and one 'odd-ball' Bolete - out of season - (it made a tasty snack).

The potluck was attended by 40 hungry hunters. The fare as usual was fantastic and diversified, and included Chanterelles chicken crepes, and great desserts. We did not have many for coffee on Sunday, so we closed camp early.

THUNDERBIRD FIELDTRIP REPORT Dick Sieger

About two dozen people come to Thunderbird Park for the field trip. Few edible mushrooms were found nearby, but some people drove over to the Lake Wenatchee area and found mushrooms there. The Hendricksons come back in the evening with a basket of Boletus edulis buttons. The three members of the Hudgins family were our able hosts and Paul and Hazel Rule also helped out. Charlie Volz identified our mushrooms as he has done all spring. Both a microscope and a dissecting scope were available to examine material with, and some people were able to see asci and spores for the first time. Some of the mushrooms found included unidentified Tricholomas, several collections of Panus conchatus, and on orange Amanita with a volva that had

characteristics of both A. muscaria and A. pantherina. Fourteen people stayed for an excellent potluck.

ARBORETUM MUSHROOM WALK Dick Sieger

Splendid sunny spring Sunday. Seven smiling searchers. Specimens scarce. Seven species studied.

CLEAR LAKE FIELD TRIP REPORT Dick Sieger

Forty people, including some members of the Oregon Mycological Society under the leadership of Harold Rast, their field trip chairman, attended this outing on May 23 - 25. The collectors did not find many edibles which are usually abundant in this area. But many specimens were brought in for identification. A fair amount of ash is still on the ground, mostly on the roads, where it looks like sand. The trees and annuals are nice and clean. The weather was nice and sunny on Saturday. We were pleased to welcome the Gillens (former PSMS members who now live in Richland) and they said that the morels had fruited a couple of weeks earlier. It was nice to see Jennie Schmitt, even though she mostly relaxed in their motor home.

About 25 persons stayed for the potluck. Hosting duties were shored by Charlotte Turner-Zila and John Kunz. Charlotte also treated about 10 people for lunch on Sunday.

Let's hope that in future years the mushroom fruiting will return to normal in this beautiful area!

GOURMET MUSHROOMS ON A WINDOWSILL-PLEUROTUS

If you have a north-facing window, some pans, a stack of old newspapers, and some Pleurotus spawn, you can start production in your own home. A rare article on growing Pleurotus was found in the December 1980 issue of Organic Gardening.

This mushroom, according to the author, doesn't require a rich compost. And you don't need a basement since it prefers diffuse sunlight. The author covers the growing medium, inoculation, and the step-by-step process to harvesting a bumper crop. For Pleurotus ostreatus spawn, write to The Kinoko Co., Box 6425, Oakland, CA 94621. For P. sajor-cajor, write: Mushroom Specialties, 445 Vassar Ave., Berkeley, CA 94708. (The latter species, a native of the Himalayas, was also spelled P. sajor-caju. One or both spellings may be incorrect, but the editor was not able to find it in the reference books.)

GROWING AGARICUS MUSHROOMS

For these mushrooms it takes a dork, somewhat humid room with a temperature of 60 to 70°F. A cellar meets the ideal requirements. Mushrooms grow best in dried horse manure, which is available at local garden stores.

Mushroom spawn may be ordered from: W.A. Burpee Co., Wornminster, PA 18974, and W.A. Burpee Co., Clinton, IA 52732; Burpee's 1980 price was \$2.75 per packet, plus 75¢ handling charge. The packet contains enough to cover a 10 - 12 sq. ft. area. Park Seed Co., Inc., P.O. Box 31, Greenwood, SC 29647; sold by the packet, \$2.95 each, plus 75¢ handling.

You can also collect spores -- the fibrous threadlike sprout underneath the soil -- from the mushrooms you've grown. At the end of the growing season, transfer them to a new medium and the growing process will start again.

The financial statements for the past three years are presented for your inspection. 1980 - financially speaking - was not a banner year for our Society. However, the move and the new location for our annual exhibit, both were new experiences and challenges. On account of the healthy book sales and large number of new members who joined PSMS the final results are better than we first expected. Also, the increase in dues is not reflected in these statements, since it became effective for 1981.

PUGET SOUND MYCOLOGICAL SOCIETY
RESULTS OF OPERATIONS
YEARS ENDED DECEMBER 31, 1980, 1979 and 1978

	1980	1979	1978
Membership			
Dues	\$ 5,111.00	\$ 3,465.50	\$ 5,814.30
Less - Membership Expenses	(856.80)	(923.87)	(645.76)
- Bulletin Costs	(2,110.01)	(2,333.97)	(2,005.77)
- Field Trips	(171.54)	(103.42)	(178.58)
- General Expense	(570.88)	(850.65)	(652.45)
Net	\$ 1,401.77	\$ (746.41)	\$ 2,331.74
Banquets			
Receipts	\$ 2,800.52	\$ 1,273.95	\$ 1,062.00
Less - Expense	(2,923.75)	(1,758.55)	(1,320.10)
Net	\$ (123.23)	\$ (484.60)	\$ (258.10)
Exhibit, Classes			
Book Sales	\$ 4,200.60	\$ 2,729.73	\$ 5,366.79
Income - Exhibit, Classes	3,200.00	2,681.05	4,297.52
- Cost of Books Sold	(2,860.09)	(3,950.29)	(3,661.68)
Less - General Exhibit Expenses	(4,822.89)	(2,161.39)	(1,796.11)
- Donations, Scholarships	(2,316.47)	(2,095.00)	(3,473.73)
- Depreciation	(179.90)	(160.73)	(117.78)
Net	\$ (2,778.75)	\$ (2,956.63)	\$ 615.01
Royalties	\$ 682.51	\$ 657.28	\$ 1,023.00
Interest	417.55	388.18	568.92
Net Gain (Loss) for Year	\$ (400.15)	\$ (3,142.18)	\$ 4,280.57

STATEMENT OF FINANCIAL POSITION

	1980	1979	1978
ASSETS			
Cash - Checking	\$ 9,923.67	\$ 7,118.17	\$13,467.81
- Savings	7,738.19	7,381.30	7,049.51
- Restricted (Note 1)	1,315.55	1,254.89	1,198.50
Total Cash	\$18,977.41	\$15,754.36	\$21,715.82
Accounts Receivable	\$ 500.00	\$ 2,438.55	\$
Book Inventory	2,866.58	4,685.02	4,941.79
Equipment, Net of Depreciation	714.49	502.88	488.81
Mycolological Library	949.77	949.77	449.73
Total Assets	\$24,008.25	\$24,330.58	\$27,596.15
LIABILITIES			
State Sales Tax Due	\$ 206.30	\$ 128.48	\$ 251.87
Equity - January 1	24,202.10	27,344.28	23,063.71
Gain (Loss) for Year	(400.15)	(3,142.18)	4,280.57
Total Equity	\$23,801.95	\$24,202.10	\$27,344.28
Total Liabilities and Equity	\$24,008.25	\$24,330.58	\$27,596.15

Note 1: Account established for "set aside" funds for educational or scientific purposes.

THE NEW YORK BOTANICAL GARDEN

Dick Sieger

The New York Botanical Garden is an important mycological research center. While I was in New York City last summer, I was introduced to its curator, Dr. Clark Rogerson. He is an authority on the Hypocreales, an order of ascomycetes that includes the bright orange *Hypomyces lactiflorum* that grows on our Northwest russulas. There seems to be an emphasis on ascomycete research here and the neglected tropical fungi are being studied. Everyone, including the guards and receptionist is enthusiastic and friendly. One gets the impression that people enjoy working here.

Dr. Rogerson was kind enough to interrupt a busy day to take me for a tour of the herbarium where dried botanical specimens are stored. The extent of this herbarium is hard to describe. It occupies most of a large building. There is room after room of steel cabinets containing several million plants. There isn't the moth ball odor that is associated with

herbariums. To protect the health of workers, no chemicals are used to control insects. Instead, new material is fumigated and then care is taken to exclude from the stored material those insects that consider the herbarium to be a giant restaurant. The Botanical Garden has acquired important collections of many mycologists. A list of their names sounds like a who's who of American mycology. There is a large room used only for type collections. Type collections are one or more individual fungi (or plants) that best represents the whole species and are selected by the mycologist who first names and describes a new species. They are a valuable research tool and cannot be replaced. When World War II began the type collections that had been stored throughout the herbarium were gathered together and taken to a rural area where they would be safe from bombing. After the war they were brought back and were kept together.

The New York Botanical Garden owns one of the very best mycological libraries in North America. Books are stored on large movable shelves that part at the touch of a button. In this way one aisle serves the whole room and all the rest of the space can be used for book storage. There is a fine reading room, extensive catalogs, and helpful librarians.

The public has an opportunity to attend a variety of classes during the year. While I was there, Gary Lincoff was teaching a summer mushroom class for beginners and I sat in on an all-day session of his class. He brought mushrooms that had been gathered in the local area during the week. Since the weather had been very dry, he called people in the greater New York area to find where thunderstorms had occurred and the mushrooms had been gathered in these places. One of the species shown was the exquisite *Russula mariae*. It looks like a velvet copy of our western *Russula americana*. In the fall, a course will be given to more advanced students in the use of the microscope in examining mushrooms.

There is a large gift shop that carries a good selection of general botanical books. Many house plants are for sale and there are hand crafted items and many posters with botanical themes.

The grounds around the buildings are lovely and reminded me of our University of Washington Arboretum. Trees planted in the open lawn areas are labeled and they helped me learn a few of the names of eastern deciduous trees. Walking along, I found a pond, a stream with a waterfall, and wooded areas that give a pleasant sense of isolation in the heart of New York City. If you are in the New York City area, please visit this oasis in the Bronx.

OF THIS AND OF THAT

H.R.H.

Please correct the phone number for Charles Volz to read: 363-5465.

Kathy Ringo and Mike Westby, who handle book sales to members, have welcomed little Kathy (born in May) to the family.

Jennie Schmitt is out of the hospital at this time, but will undergo by-pass surgery this month. Our best wishes are with you!

Welcome to the following new members: Daniel Molnar, 325 - 8967; Michael Rosen & Michelle Hollingsworth, 328 - 0999; George & Janet Yang, 322 - 3028.