

SPORE PRINTS



BULLETIN OF THE PUGET SOUND MYCOLOGICAL SOCIETY

200 Second Avenue North, Seattle, Washington, 98109

March 1978

Number 140

Gyromitra
esculenta

ELECTIONS - ELECTIONS - ELECTIONS H.R.H.

You are receiving this issue of Spore Prints a little earlier than usual. The reason is that it is serving as our election notice, and also includes the ballots and return envelopes for your votes. Please return your marked ballot by March 4, 1978.

Our election committee has presented us with a slate of excellent, capable and enthusiastic candidates. Their pictures and campaign statements are featured on pages 3 and 4.

Remember family memberships are entitled to two votes, and single and student memberships to one vote.

Now it is up to YOU to sit down, evaluate the candidates, mark your ballot, and return it postmarked not later than March 4, 1978.

COME AND BRING A FRIEND TO THE SPRING BANQUET MARCH 11, 1978 AT

SANDPOINT OFFICERS

CLUB - see page 2



FIELDTRIPS

Dick Sieger

Since the weather in the spring (and this year particularly) is hard to predict, PSMS has found a way to cancel or postpone fieldtrips if there is belief that the anticipated mushrooms have already fruited or have not shown, whatever the case may be.

During the week prior to a scheduled fieldtrip all members of PSMS should read the TRAVEL column of the Seattle Post Intelligencer and the Seattle Times, because if a previously scheduled fieldtrip has to be cancelled and/or postponed, the following message will appear on Wednesday - through Friday: THE SCHEDULED PSMS FIELDTRIP IS CANCELLED (or THE SCHEDULED PSMS FIELDTRIP IS POSTPONED ONE WEEK).

If the fieldtrip will be held as scheduled, NO NOTICE will appear.

March 25 (one-day only) Tolt County Campground located one-half mile south of the town of Carnation. Enter via N.E. 40th Street (from Highway #203) to get to the Day Use Area of the Campground. The Day Use Parking Lot is located right by the new suspension bridge. The shelter is on the other (west-side) of the river. Hosts for this trip are Monte and Hildegard Hendrickson. This one-day trip is designed for newcomers to show them how to hunt for *Verpa bohemica*. No potluck.

April 1 - 2 Rockport - Stee'head County Park

There are two possible routes, both lined with cottonwoods for hunting on the way there. Either take the Arlington Exit from I - 5 through Darrington, OR Take the Burlington Exit from I - 5 and proceed on State Highway #20 to Rockport. Steelhead County Park is right on the river. The Park has some hook-ups. There is a fee for all camping.

"JUDY CAKE"

Recipe furnished by Dr. Stuntz

Sugar 1 cup	Baking soda . . . 1 teasp.
Butter (margarine) .1/2 cup	Chopped raisins . 1/2 pkg
eggs two	Grated rind of orange
Buttermilk 1 cup	Chopped walnuts or pecans
Flour 2 cups	1 cup

Melt the butter, add it to the sugar, stir until blended, add the buttermilk, then both eggs, and blend well. Sift the baking soda with the flour, add to the other ingredients, mix well, and add the raisins, nuts, and grated orange peel. Stir the mixture until the raisins are more or less evenly distributed in the dough. Place the dough in a well greased 9 x 14 inch pan, bake in a moderate oven (350°) until the center "rebounds" when you press it. After the cake is out of the oven, let it stand for about 5 minutes, then invert the pan on a large plate or board. While the cake is still hot, pour the following mixture evenly over the whole surface.

Mixture: Place the juice of two oranges in a small pan, add a tablespoon or two of butter, a tablespoon of Cointreau, Grand Marnier, or similar orange liquor (optional), and heat until it steams, but not to boiling. Add about a half a cup of sugar, and before the sugar all dissolves, pour the mixture evenly over the surface of the cake, swirling the pan so that you get all the sugar out (it may take more than 1/2 cup).

Note: anyone who has tried to "chop" raisins will agree that it is much easier to grind them in an old-fashioned meat grinder. Add some nuts to the grinder as you add the raisins; this helps prevent the ground raisins from sticking together.

BIG, BIG, BIG, BIG MUSHROOMS

The Ohio Mushroom Society reported recently:

"Thirty years ago in Clackamas County, Oregon, in a fir forest, the brothers Ali and Fred Sandoz while cruising the timber line, found a huge specimen of *Fomes*. The fruiting body was very fuzzy so the local wags among the foresters christened the fungus "*Fomes fuzzii-Sandozii*", a name which of course, in Mycology, is quite illegitimate under the nomenclatural rules. So this huge *Fomes* never received a proper name nor was it ever officially weighed.

Three years later, Jacob Hisey and a helper were cruising timber in a similar country when they came across a monster "conk" growing on the ground near fir trees. (A conk is the bracket like fruiting body of a wood decay fungus.) They lugged this huge mushroom to a flatcar on a nearby logging train, and it was eventually transported to the Weyerhaeuser Timber Company's office in Longview, Washington. It was found to weigh more than 300 pounds. It measured 56 x 37" The official description of this species, based on specimens collected by Dr. Daniel Stuntz and Dr. Alexander Smith on rotting hemlock in Mt. Rainier National Park is "12 to 56 inches by 10 to 30 inches by 12 to 40 inches." A small portion of this conk showed 35 layers of growth and is known as *Oxyporus nobilissimus*. So far as is known this truly monumentally proportioned conk is the largest mass of fungus tissue known in a single fruiting body. In most cases, each fungus species has limits beyond which its fruiting bodies can not grow."



P. S. M. S. Spore Prints

is published monthly except July and August by the
PUGET SOUND MYCOLOGICAL SOCIETY
c/o The Pacific Science Center, 200 - 2nd Ave. North
Seattle, WA 98109. Mail copy, art or photos to Hilde-
gard Hendrickson, Editor, 2559 NE 96th St. Seattle 98115

OFFICERS J.W. (Jack) Orth, President (523-0586)
Jennie M. Schmitt, Vice-Pres. (255-5286)
John T. Mudge, Treasurer (682-1962)
Sally Ann Hansen, Secretary (246-2673)

TRUSTEES Ken Chaplin (852-1623); Marlene Friend (632-
5149); Robert Hanna (767-6381); Earl Harrison
(932-1612); Winston Hufford (486-4784);
Paul Jones (772 - 5024) Louise Rautenberg
(542 - 5109); Richard Sieger (362 - 6860);
Fred VanDeBogart (362-2397); Buzz Walters
(243-3758); Milton Grout (immed. past pres.)

ALTERNATES Carl Hermanson (723-5127);
Paul Anson (282 - 2238)

SCIENTIFIC ADVISER Dr. Daniel E. Stuntz

Calendar

Remember that the 14th Annual Survivors' Banquet which will be held, Saturday, March 11, 1978 at the Sand Point Officers Club is our regular monthly membership meeting for March. Come to the Banquet. Details next column.

March 20 Monday, Board Meeting, 8:00 pm

March 25 Saturday only, Fieldtrip to Tolt River Campground ("iffy" mushroom wise)

March 25 Deadline for Spore Print material. Send all articles, art work, and photos to the Editor, 2559 NE 96th, Seattle, WA 98115

April 1 & 2 Fieldtrip to Steelhead Park by Rockport

April 10 Monday, Membership Meeting, 8:00 pm

WELCOME TO THE FOLLOWING NEW MEMBERS

Merrill & Gloria Barber (phone 363-2366); Arthur & Martha Benny (364 - 2574); Geneva Federici (767 - 6418); Sartoru Niimoto (244 - 1215); Mary Anne Peterson (763-8106).

BITS AND PIECES H.R.H.

At the time you read this, Elsie Burkman (charter member No. 7) should be well on the road to recovery from knee surgery.

Estella Hansen is home from the hospital, but has to return there on and off for continued treatments. It's good to hear she is making progress and getting better.

Membership Meeting

There are still plenty of tickets available for the 14th Annual Spring Banquet, which is our regular monthly meeting for the month of March. The Spring Banquet will be held, Saturday, March 11, 1978 at the Commissioned Officers Mess (= Officers Club) at the Naval Support Activity (Sand Point) on Sandpoint Way N.E. Directions on how to get there follow below. To order your tickets, send your check AND a self-addressed, stamped envelope to Sally Ann Hansen, 10433 - 1st Ave. S.W., Seattle, WA 98146. Include \$7.50 per person for the dinner. The drinks will be handled more efficiently than last year. We will have a cash bar where you may buy mixed drinks, including manhattans and martinis for 85¢ a drink. A glass of wine - larger than last year - will be 75¢. You may also purchase a decanter of wine, if you so desire.

The Banquet will be a special evening for all mushroom hunters and friends, as the buffet dinner will include assorted and varied international dishes from around the world, since the Banquet has an international theme. Attendees are encouraged to wear costumes indicating their ethnic heritage. There will be prizes awarded for the international costumes that are the most realistic, the most original, and the most outlandish, and for other categories. Door prizes will be awarded for just being there.

The music will be provided by the same marvelous band we had last year, Joe Farmer and His Boys. They play excellent all-round swing dance music, with just a smattering of rock - by request.

The cocktail hour will start at 6:00 pm, with dinner following at 7:00 pm. There will be sufficient buffet lines so that the waiting will be minimum.

Where else can you get such a bargain? Good food - fine friends - dancing - all for \$7.50. Do plan to attend. We hope to see all of you there. The results of the 1978 elections will be announced during the Banquet.

The deadline for purchasing Banquet tickets is March 4th, 1978 since we have to guarantee the Club a fixed number by mid-week. Don't Delay - Order Your Tickets Today.

DIRECTIONS TO THE SAND POINT OFFICERS CLUB

For those not familiar with the area, if you are heading north from Seattle, take the 45th Street Exit from I - 5. Head east past the University of Washington, and remain on 45th Street which will eventually become Sandpoint Way NE. You will reach the Sand Point Naval Support Base just north of N.E. 65th Street. If you are coming from the north, get off the freeway (I - 5) at 145th Street. Go east to 15th Ave. N.E., then south to N.E. 125th. Follow N.E. 125th Street east which will change into Sandpoint Way NE. You cannot miss the base on your left.

Parking: After entering the base, take the second right, and the Officers Club is at the end of the street. Drive up to the entrance of the Club and then continue to the entrance of the parking lot which is on your left. If this lot is full, exit this level, take a right and enter the lower level. If the lower level is full too, return one block north of the Club, and park in the chapel parking lot.

THANK YOU FOR SUPPORTING CISPUS Jennie Schmitt

Thank you to all PSMS members who wrote to the State legislature on behalf of Cispus. It worked. The legislature is going to continue to fund Cispus and we can have future educational forays there.

The new book, Toxic and Hallucinogenic Mushroom Poisoning, A Handbook for Physicians and Mushroom Hunters, by Gary Lincoff and D.H. Mitchel, MD., Van Nostrand Reinhold Co., New York, 1977, pp. 267. \$16.95 has been receiving very favorable reviews. Some of the comments: "it fills a gap in the literature dealing with the diagnosis and treatment of mushroom poisoning. Its comprehensive material makes it the most definite work published to date in North America," (M.S. of San Francisco). Nama reports "This work has been badly needed for decades and may well become a classic in the literature."

(Last month, Gary Lincoff joined PSMS).

Since bulk orders of twelve or more copies receive a substantial discount, let Helen Wasson (phone 243-6173) know if you are interested in purchasing the above book, and she will then order it

In the last issue of its newsletter, NAMA notes that a new paperback, How to recognize 30 Edible Mushrooms by Devignes (1977) is an unwelcome addition to mycophagy literature. Many misleading and incorrect statements are made. Buyer beware.

Wild Mushrooms, Food and Poison, by Emil F. Guba has been revised and printed in a second edition. Price \$6.95 published by Pilgrim Publishers, Kingston, Mass. 02364. The new edition has 186 pages including 27 pages of black and white illustrations of 30 species. Some of the content includes guides for the amateur, food value of mushrooms, preservation of mushrooms, identification of poisonous mushrooms (these are in chapters by spore color), mushroom toxins and poisoning (these are arranged in sections from the Phalloides group to botulism), treatment of mushroom poisoning, a glossary and index of common and Latin names.

We are reporting excerpts from an article which appeared in the last issue of McIlvanea, the official journal of NAMA since P. involutus grows abundantly here in the Northwest.

The first cases of poisoning by ingestion of P. involutus were described in 1948 in the German magazine 'Zeitschrift für Pilzkunde', which mentioned 16 cases of poisoning, one of which was fatal.

Since then other cases, particularly in Poland have been described, where this mushroom is very common and even is sold in the market. It has been found that after Gyromitra esculenta and Amanita phalloides, Paxillus involutus causes the greatest number of accidents.

P. involutus is poisonous when eaten raw or cooked only slightly. But older books do not mention this fact. Some recent books state, that there is nothing to fear if the mushroom is carefully cooked, but poisoning has occurred with well-cooked P. involutus.

Two medical doctors have described three cases of fatal poisoning. The whole family had eaten these mushrooms with Boletus edulis, and all digested the meal well, except three older persons, who died. An autopsy showed clearly that the deaths followed the eating of P. involutus 2 or 3 hours previously. Their kidneys, livers, hearts and muscles were fouled by minute fatty droplets.

Since the toxins have not been chemically identified, there is no specific therapy available, and the patient should be hospitalized immediately.

As a conclusion: P. involutus can be poisonous when raw or well cooked; It can be fatal to children and older or weak adults; It should not be considered an edible species; In case of poisoning, the patient should be immediately hospitalized.

CANDIDATES FOR ELECTED OFFICES FOR P.S.M.S. 1978

FOR PRESIDENT

VOTE FOR ONE



Incumbent treasurer; CPA working for Seafirst; past president Washington Alpine Club; Director of REI. As a member of PSMS (pot-hunter section 1970) I have greatly enjoyed working on club efforts. If elected I would hope to keep PSMS the best mycological club in the country - academic and social.

JOHN T. MUDGE



Born in Boaz, Wisconsin (some years ago) attended grade and high school at Beloit, Wisconsin. Came to Washington in 1943. Married David in 1946. As a homemaker and mother, I enjoy cooking, collecting recipes, and hunting mushrooms. PSMS member since 1965. Served as membership chairman 2 yrs and vice president 1 yr. and on education committee and teach mushroom identification.

JENNIE M. SCHMITT

FOR TREASURER

VOTE FOR ONE

ELECTION INFORMATION

Remember that each individual membership is entitled to just one vote.

Each family membership is entitled to just two votes.

(PSMS By-Laws Article IV., Section 3)

I enjoy life and the world around me - this includes mushrooms and people.

Am a CPA and Controller of Valley General Hospital in Renton.

A member of PSMS since 1975 and retiring member of the Board of trustees. Am an enthusiastic booster of our Society.



EARL HARRISON

BELOW ARE THE CANDIDATES FOR THE BOARD OF TRUSTEES - VOTE FOR 5



ROBERT B. HANNA

Born in Tacoma and lived all the the time in Washington. Am interested in photography, hiking, camping, fishing and bicycling. Worked most of my life in electronics and am working to reactivate my amateur radio license. Have been a member of PSMS since 1973 and am an incumbent trustee. I find mycology very interesting and want to help keep PSMS active.



MARGO HARRISON

Teacher with the Seattle Public Schools for 26 years. Joined PSMS in 1975. I am happy to be involved with an organization that bridges generation gaps, vocational pursuits and ethnic backgrounds as successfully as our Society does. Am an active participant at field trips.

I am an avid mushroom hunter and enthusiastic PSMS booster since 1974. Presently historian of our Society and eager to take a more active role in the annual exhibit and to learn more about mushroom photography. Hobbies include bridge, fishing, hunting, and square dancing. Employed as Boeing Logistics Manager since 1959.



CARL A. HERMANSON

Since joining PSMS at the 1974 Exhibit, all my activities in the spring and fall are governed by marks on the calendar showing when fieldtrips are scheduled. When not stalking mushrooms, or sometimes while doing so, I enjoy hiking, biking, fishing, photography, music, sewing, and gardening. (In my spare time, I work for Boeing). I would like to get more actively involved in PSMS activities.



MARGARET HOLZBAUER



PAUL JONES

Born and raised in Wisconsin, but definitely call the Northwest home now, where the family enjoys to combine hiking and mushrooming. Served six years in the Navy during WW II., Commander Skyway VFW 1970-71. Two-year member of Society, elected last year to fill an unexpired term on Board. Attended most fieldtrips for the fine food. Want to help newcomers.



DENNIS KRABbenhOFT

Ever since Charlie Volz introduced the Wood Blewit to me, I have eagerly hunted, studied, and consumed it and many other mushrooms. My flying privileges with United Airlines get me to otherwise inaccessible hunting grounds, and I'm a friend of that famous mushroom hunter of Middle Earth, Frodo Baggins.

Born in Bremerton, Wash., where I attended school. Am working as an insurance adjuster at Sundstrand Data Control. Only a recent member, but I enjoy the fieldtrips and outdoors, travel, and art. If elected, I want to become more involved in other Society activities, and encourage other new members to get more active in PSMS.



LOM NEE TUAI MARCH

Born in Nashua, New Hampshire, graduated from the UW, and am an art teacher in the Seattle Public School District. Joined PSMS last year, and attended last few fieldtrips. Hobbies, besides mushrooming include travel, silk screening and all art forms. To keep us company, we have two dogs and a cat. I want to help new members get a good start at mushrooming.



STAN MARCH



RICK WHITE

Born and raised in the Northwest - Tacoma. Graduated from UW in Civil Engineering; MS from Penn State in 1974. Currently employed by Environmental Protection Agency in air pollution control. Society member for four years and truly enjoy it. Want to get more active as Board member. Other interests include wine, food and enjoyment of life in the Northwest.

Your Election Committee is presenting you these excellent and dedicated candidates who will be spending many hours of their time during the next two years serving YOU in the management of your Society. DO YOUR PART and VOTE for the candidates of your choice.