

SPORE PRINTS

BULLETIN OF THE PUGET SOUND MYCOLOGICAL SOCIETY
2559 NE 96th, Seattle, Washington, 98115

February 1984

Number 199



BANQUET NEWS

Edith Godar

The preparations for our 20th Annual Survivors Banquet are proceeding on schedule. Again this year it will be held in the Auditorium of the Monroe Center. The date is Friday, March 16th. The Social Hour will start at 6:30 pm, with dinner following at 7:30. There will be differences from last year.

By popular demand, some of the courses (hors d'oeuvres brought by our members; the mushroom antipasto and the wild mushroom ramekins) will be repeated. The main course, Beef Stroganoff with wild mushrooms, and the dessert will be catered.

Judi Boa is organizing the hors d'oeuvres. Please call her at 725-1235 and let her know what you are going to bring. Cliff Carpenter again is in charge of the wine and beverages. He could still need some "pourers". Call him at 935-9164. Some help is still needed in other categories: decorations, etc. Please call Edith Godar at 821-5147 and she will assign you to a committee. Elizabeth Whalen is in charge of door prizes. If you want to contribute one or have a suggestion, call her at 362-2656.

Attendance again will be limited to about 200 persons, so it is necessary to get your reservations in early. Price per person for this gala affair and gourmet dinner is \$15. Send your reservations and check to BANQUET, 1906 - 163rd N.E., Bellevue, WA 98008. Please include a self-addressed, stamped envelope for mailing the ticket(s) to you. You may also purchase your tickets at the February membership meeting. Information only (no tickets) can be obtained by calling Judi Boa (725-1235).

MUSHROOM DONATIONS (dried or frozen Morels, Boletes Chanterelles and Matsutake are suitable) are still needed for the courses. Dried mushrooms can be brought to the February membership meeting. Call Edith (821-5147) if you have frozen mushrooms and a pickup will be arranged.

SEE YOU ALL AT THE SURVIVORS BANQUET. Additional details will follow in March.

IDENTIFICATION OF MUSHROOMS TO SPECIES

A series of experimental classes will be held beginning on Monday, March 5, 1984 (and continuing every first Monday of the month) in Room 205 of the Monroe Center at 7:30 pm. If sufficient interest develops the classes will be held through June of 1984.

The class will utilize the Keys to Species developed by the Northwest Key Council and will be led whenever possible by the author of the Key. A single genus will be the focal point of each class meeting, but the leader may include related genera in the discussion. While the class format has not been formalized, the expectations are that all persons planning to attend will be familiar with the genus and can use a basic key to identify a mushroom as to genus.

The plan is to conduct a seminar type class and those atten-

ding are expected to participate in the discussions of the description, habitat, seasons, etc. of the species that evening. It is assumed that the attendees will have reviewed the genus in depth prior to the class. Knowledge and experience will be shared through active participation.

The first genus will be AGARICUS. Keys to Agaricus will be available at the first meeting, and costs 50¢. There will be no charge for the class, since it is experimental. Those attending are expected to purchase the individual keys at our cost. Margaret Dilly will lead the seminar on March 5th.

Since a seminar format cannot be conducted if the group is much larger than 20, attendance will be restricted to the first 25 members calling for reservations. Call Milton Grout at 747-0497.

MIRACULOUS SURVIVAL OF 14 A. PHALLOIDES VICTIMS

The Mycological Society of San Francisco informs us that all 14 Laotians who had eaten different amounts of A. phalloides at a communal meal and who experienced severe gastro-intestinal symptoms, were admitted to hospitals, have survived.

The attending physicians used the treatment instruction sheet prepared by Dr. Duffy (a member of the MSSF and chairman of their Tox. Committee) after other MSSF experts had identified the mushrooms. All patients received supportive care only, including the introduction of a charcoal-saline solution slurry to the stomach to reduce absorption of the amatoxins, and their recirculation.

Another victim (in St. Cruz) was saved by another new technique. He entered the hospital 36 hours after ingestion (the symptoms: nausea, diarrhea, and bloody vomiting appeared 24 hours after ingestion). Because of the recirculation of the amatoxin from the bile to the small bowel and back again, Dr. Cummins, a gastroenterologist, duodenoscoped the patient and was able to thread a plastic catheter directly into the common bile duct to collect 100% of all bile for 48 hours. This was another first in the treatment of amanitin poisoning in America. Again members of the MSSF had been consulted.

West Coast doctors now seeing more amanitin poisonings than ever before, are putting their best efforts behind establishment of the most reliably effective remedies, and are likely to come up with some practical answers soon.

As mentioned last month, A. phalloides has only been found in two places in the State of Washington. Other mushrooms containing amanitin are some Lepiota sp., Galerina sp., and Conocybe sp.

NEW FOREST SERVICE MAPS AVAILABLE

The U.S. Forest Service has renumbered most of the forest service roads in the Mt. Baker - Snoqualmie National Forest. During the transition stage, a correction sheet was available. The new printing of the map is completed, and the maps, still for \$1.00 can be obtained from ranger stations or the Seattle Office at 1018 First Avenue.



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Spore
Prints

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Direct all mail to this address

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SCIENTIFIC ADVISER: Dr. Joseph Ammirati

Calendar

- Feb. 13 Monday Beginners' Orientation Class, 6:45 pm
Membership Meeting, 8:00 pm
Deadline for March Spore Print Material
Send to Editor, 2559 NE 96th, Seattle
- Feb. 20 Monday Board Meeting, 7:30 pm
- March 5 Monday Advanced Identification Class, 7:30 pm
Room 205 Monroe Center
- March 16 Friday The 20th Annual Survivors Banquet

BEGINNERS CLASS CONTINUED IN FEBRUARY

The topics that will be discussed in this month's beginners class held at 6:45 pm on the Monday evening of the regular membership meeting, will be "how", "where", and "when" to hunt mushrooms, in preparation to the learning fieldtrip planned for next month.

WELCOME TO THE FOLLOWING NEW MEMBERS

Adrian Baer, 522-3528; Paul Donaldson, 364-0161; Charles & Phylliss Eberhardy, 924-2345; Claire & Elsie Hull, 725-3957; Florence Morman, 542-5052; Maryonda Scher, 232-3210.

New members may be advised to use this short time before the spring season arrives to read up on the spring mushrooms and know what they will be looking for.

Membership Meeting

Monday, February 13, 1984, 8:00 pm in the auditorium of the MONROE CENTER, 1810 N.W. 65th Street, Seattle

Program: "Small and Beautiful Mushrooms" is the title of the slide - illustrated lecture chosen by Dr. Michael Beug, who is a faculty member at the Evergreen State College and a member of PSMS and the Northwest Key Council and NAMA. We look forward to Mike's first presentation to PSMS.

BOARD NEWS

H.R.H.

The regular Board Meeting for January was held on Monday, Jan. 16th. President Grout informed the Trustees that the Monroe Center is now under the jurisdiction of the Seattle School Board, that a new administrator will be appointed and that our contracts with the Center have to be signed again. The School Board is keeping commitments made and we will extend our dates through 1985. From now on the Board meeting will be held in Room 205 and that also will be room available for the advanced class on mushroom identification.

PSMS nonprofit, corporate license is reinstated and up to date, and President Grout turned over the Articles to the Secretary.

President Grout has drafted a plan for advanced identification classes which will be held the first Monday of the month starting March 5, at 7:30 pm in Room 205 of the Monroe Center. They are experimental and to allow a seminar format will be limited to 25 participants. There will be no charge for the first sequence of classes which will run through June 1984. Details can be found elsewhere in this issue.

PSMS is waiting for an answer from NAMA in regard to the benefits which would accrue to ALL PSMS members and will then decide whether to join or not.

The Articles of Incorporation of the Daniel E. Stuntz Memorial Foundation are being put on a word processor.

The Board recommended the nomination of the alternate Trustees to the Board in place of a regular Trustee who is unable to attend the Board Meetings for health, business, or other reasons. PSMS needs a working and effective Board.

The rest of the meeting was devoted to a discussion of the 20th Annual Survivors Banquet which will be held Friday, March 16, 1984 in the Monroe Center Auditorium. Details in another section of this issue.

IN MEMORIAM—LOIS ROBSON

Lois had been a member of PSMS since 1969 although she had always lived in South Beach on the Olympic Peninsula. She contributed many specimens to our Annual Exhibits and wrote articles about mushrooms for the Grays Harbor Press. She served as the identifier for the Grays Harbor Mushroom Club, and directed neophytes to the best places where *Boletus edulis* grow under the beach pines. Our sympathies go to her daughters and grandchildren.

IN MEMORIAM—DELBERT MILLER

Word just reached us that long-time (since 1968) PSMS member Delbert Miller died January 15, 1984. Del and his wife Ruth (who died in 1981) are remembered by their friendly smiles when they welcomed many of us on numerous fieldtrips which they hosted. Del still attended fieldtrips this fall. We will miss him.

IMPORTANT NOTICE TO ALL MEMBERS

Please take a look at the mailing label on the envelope in which you received Spore Prints and carefully examine your name, address, and this month also your phone number, and check if all are correct. If not, please drop a line to the Society's address or call our membership chairman, Aino Kunz (362-7402) and provide your correction. The 1984 membership roster is in preparation and should contain only correct information.

This mailing of Spore Prints also contains the 1984 membership cards for those members who renewed by mail. Those members who renewed in person (at the last Show or at a membership meeting) have already received their membership cards. If you have not received yours, please speak up!

PSMS FINANCIAL REPORTS Ferris Anderson

PUGET SOUND MYCOLOGICAL SOCIETY
STATEMENT OF FINANCIAL POSITION
YEARS ENDED DECEMBER 31, 1981 THRU 1983

	1981	1982	1983
ASSETS			
Cash - Checking Account	\$ 3,969.45	\$16,657.85	\$ 4,770.00
- Money Market Account			15,000.00
- Savings Account	8,112.34	-0-	-0-
- Restricted Account (Note 1)	1,346.71	1,939.96	1,645.49
Total Cash	\$13,428.50	\$18,597.81	\$21,415.49
Accounts Receivable	483.36	-0-	-0-
Inventory - Books, Misc.	6,282.09	4,976.66	5,146.62
Equipment, Net of Depreciation	427.81	308.06	91.21
Mycological Library	949.77	991.77	998.97
Total Assets	\$21,571.53	\$24,874.30	\$27,652.29
LIABILITIES			
Accounts Payable	\$ 588.85	\$ 568.02	\$ 438.58
Equity - January 1	23,801.95	20,982.68	24,306.28
Gain (Loss) for Year	(2,819.27)	3,323.60	2,907.43
Equity - December 31	\$20,982.68	\$24,306.28	\$27,213.71
Total Liabilities and Equity	\$21,571.53	\$24,874.30	\$27,652.29

Note 1 - "Set aside" funds carried in separate savings account for educational or scientific purposes.

PUGET SOUND MYCOLOGICAL SOCIETY
RESULTS OF OPERATION
YEARS ENDED DECEMBER 31, 1981 THRU 1983

	1981	1982	1983
MEMBERSHIP			
Dues	\$ 5,356.00	\$ 4,953.00	\$ 4,861.50
Less: Membership Expenses	(698.75)	(760.63)	(1,407.05)
Rent	(1,604.00)	(971.00)	(859.00)
Spore Prints	(2,535.62)	(2,238.06)	(2,657.35)
Field Trips	(126.39)	(81.41)	(103.67)
General Expense	(611.73)	(1,123.50)	(516.87)
Net	\$ (220.49)	\$ (221.60)	\$ (682.44)
EXHIBIT, CLASSES			
Receipts	\$ 3,595.00	\$ 5,474.27	\$ 3,709.50
Less: Expenses	(4,726.59)	(3,678.86)	(2,518.03)
Net	\$ (1,131.59)	\$ 1,795.41	\$ 1,191.47
BANQUET			
Receipts	\$ 3,531.00	\$ 2,615.43	\$ 2,220.00
Less: Expenses	(3,629.49)	(2,889.21)	(2,068.99)
Net	\$ (98.49)	\$ (273.78)	\$ -151.01
BOOKS AND MISC. SALES			
Receipts	\$ 4,258.54	\$ 6,043.90	\$ 5,596.22
Less: Cost of Sales	(2,756.67)	(4,523.16)	(4,212.51)
Net	\$ 1,501.87	\$ 1,520.74	\$ 1,383.71
OTHER INCOME			
Royalties	\$ 723.93	\$ 502.52	\$ 76.19
Interest	405.31	557.80	1,304.34
NET CASH GAIN (LOSS) FROM RECURRING OPERATIONS	\$ 1,180.54	\$ 3,881.09	\$ 3,424.28
OTHER INCOME OR EXPENSE			
NAMA Foray	(3,013.13)		
Donations, Scholarships	(700.00)	(300.00)	(300.00)
NET CASH GAIN (LOSS)	\$ (2,532.59)	\$ 3,581.09	\$ 3,124.28
DEPRECIATION EXPENSE	(286.68)	(257.49)	(216.85)
NET GAIN (LOSS) FOR YEAR	\$ (2,819.27)	\$ 3,323.60	\$ 2,907.43

BOOK REVIEW

Jennie M. Schmitt

Jennie Schmitt, past President of PSMS is reviewing some of the identification books which PSMS offers for sale to its members, so that they know what each book contains and how it differs from others.

MUSHROOMS IN COLOR by Orson K. Miller, Jr. and Hope M. Miller, 1980, 304 printed pages, 130 color photos.

Orson Miller is one of our outstanding mycologists, and the author of another good field guide, Mushrooms of North America, published in 1972.

The above named book, written in collaboration with his wife, Hope, is pointed directly at the beginner in the study of mushrooms. The book takes direct aim at the question: "Is the mushroom edible?" and then identifies those species that are safe to eat. A few of the toxic mushrooms also are described as a warning to the collectors, to alert them of some look-alikes.

The habitats of the various mushrooms are described in some detail. Newcomers must recognize that you have to be in the environment at the right time, in order to find all the comments appropriate. The description of the mushroom and large photograph face each other for easy reference. The color plate of each mushroom featured includes an ingenious innovation: small, white arrows are superimposed over the picture and point out the important features a person should observe when trying to identify a mushroom. This trains a person in the importance of looking at every detail of the mushrooms.

In the Introduction the authors explain how to collect fungi, discuss the toxins, mushroom keys, and nomenclature. The major groups covered are morels, puffballs, boletes, polypores, nonpolypores on wood, teeth fungi, chanterelles, and agaricus. All 162 species are identified with the scientific names (and common names, if such exist). An appendix tells of habitat, the range where the fungi can be found, microscopic measurements and authorities (hardly for the beginner) and a glossary. I recommend learning the terms from the glossary, and you will have better success in trying to identify a mushroom.

Judi Boa brings copies of the book to every membership meeting so that you may examine it. Member Price is \$10.35.



FOR SALE BY PSMS: ADDRESSOGRAPH MACHINE

Since the PSMS mailing list is now computerized the addressograph machine used previously is not needed any more and is offered for sale. If a member is interested, he/she may contact Charles Kessner (242-1305). For potential buyers the following information may be helpful: It is a Model H-3, it is 10" high, 14" wide and 18" front to back. The cabinets are each 7" high by 16" wide by 24" front to back. There are approx. 700 to 800 steel frames.

The Addressing Machine Exchange has made a tentative offer of \$75.00 for the machine and \$25.00 each for the cabinets.

MICROSCOPES

Dick Sieger has a brochure from Jerry Company in which microscopes (new and used) are offered for sale at reasonable prices. Dick owns a similar microscope and has carried it in the field for years without problems. If interested, talk to Dick (362-6860).

MR. JACKSON'S MUSHROOMS by Henry A.C. Jackson. Edited and with an Introduction by Mimi Cazort. National Gallery of Canada and National Museums of Canada, 1979. 161 pages, 42 color plates and two black & white photos. (Figures).

This beautiful large folio book is certainly a fitting tribute to H.A.C. Jackson. His contributions to biological illustrations (especially of fungi) are well known to many mycologists. This is not a technical mycology book, nor is it a field guide or manual for mushroom identification, but rather is a celebration of the life and paintings of Mr. Jackson, a great Canadian artist and naturalist.

In 1977 the National Gallery of Canada (Ottawa) opened an exhibition of Henry Alexander Carmichael Jackson's paintings entitled "Mr. Jackson's Mushrooms". This is essentially that very exhibition, only in book form. All of this came about due to the generosity of Mr. Jackson's family, who donated his drawings, paintings and notebooks to the National Museum of Canada. For those of you not familiar with his works, Mr. Jackson painted the frontpiece of Amanita caesaria in J. Walton Groves book Edible and Poisonous Mushrooms of Canada (1963, revised edition 1975), and he also did all of the color plates and illustrations for Mushrooms of Eastern Canada and the United States (1951) by Rene Pomerleau. He also contributed one plate (Boletus rubeus, Plate 41) to Snell and Dick's spectacular book, The Boleti of North-eastern North America (1970). Looking at my copy of Snell & Dick's book I see that they have dedicated it to Jackson as follows: "This book is dedicated to the memory of Henry A.C. Jackson, long-time friend, amateur naturalist and superb mycological artist".

After brief Acknowledgements, Foreword & Introduction, is a chapter entitled "Mr. Jackson's Notebooks", going from pages 23 - 74. Mr. Jackson kept diary-like notebooks of what he did each day, beginning in 1927. In this book the editor has extracted pertinent sections from his notebooks, and these are arranged in chronological order with the year at the top of the page in large print at the beginning of each year. The entries from his notebooks that are included here start in November 1931 and go until August 1954. His notebook entries are basically descriptions of his nature walks in the woods and his progress and personal feelings about his paintings. He shows a great deal of enthusiasm when he describes having found a particular fungus. His excitement is readily transferred to the reader and almost gives one the feeling of participation. As a result, his notebook entries are captivating and I had trouble breaking myself away from reading them. Mr. Jackson and his friends were normally undaunted in spirit during their forays into the woods regardless of adverse climatic conditions. Here is an especially appropriate passage from October, 1936: "Was surprised to find the collecting excellent especially for the late season. Even in the woods though the temperature was frigid, like late November, and the violent wind never ceased for a second. We both wore our gloves all the time but my fingers were too numb all day to record any notes. Found there was much more fungus growth under the conifers than deciduous trees. Many unusual kinds, some of which I am absolutely unfamiliar with. My two baskets were overloaded by noon". It is obvious that Mr. Jackson enjoyed the company of his friends on their forays, and although he was very much absorbed by his activity, he was never too involved in the woods to forgo lunch or dinner. No matter where they were in the woods when it was

time to dine, Mr. Jackson and his buddies would come to a halt and have a "cheerful fire". I found this passage from March, 1933 to be typical: "Lunch was made with all the formal rites. A fire, a tea pail, fried bacon, toast and beans of course followed by a comfortable smoke and as usual we all ate too much". His love of birds is another recurring theme in his notebook entries, and his descriptions of encounters are all quite interesting. There are many humorous passages as well, but you'll have to read the book for these.

Next are the color plates, which go from pp. 77 - 155. All of the plates are in the chronological order that they were painted, and are reproduced here at their original size, with the exception of plates 1 & 2. It is obvious to me that great care was taken in reproducing Mr. Jackson's original paintings, because all 42 full-page color plates in this book are of impeccable quality. Some of his paintings are purely what I call "portraits", in other words, just as one would find them in nature. Others however, also show a longitudinal section of the fruiting body in addition to a portrait. In several of his paintings he has included some small clusters of spores as they would appear under the microscope. Mr. Jackson labelled each of his plates with the appropriate scientific name. Where necessary, the nomenclature was updated by Dr. Scott Redhead (Ottawa). One of the foremost features that I like about the paintings is that they are scientifically/anatomically accurate and are never fanciful at all.

At the end of the book there is a "Glossary", "Selective Bibliography" and "Index of Works Illustrated".

Although an amateur mycologist (no formal training in mycology), Mr. Jackson had been a member of the professional Mycological Society of America since 1935. He was born in Montreal, Quebec in 1877 and lived to be 84 years old. We should all be so fortunate!

If you like beautiful paintings of mushrooms and are interested in the writings of a naturalist who was preferential to mycology, then chances are good that you'll appreciate this publication. A remarkable book for \$35.00! Available from the University of Chicago Press or any special order department in a bookstore, and now also available from Lubrecht and Cramer (through whom Judi Boa orders rare books for our members).



FORAYS

While the fungi and mushroomers take a break at this time of year, other areas enjoy the peak of their fruiting. March 16-18, 1984 the Los Angeles Mycological Society will hold a Foray at the James Reserve in the San Jacinto Mountains. Drs. Orson K. Miller, Jr. and Roy Watling will be foray mycologists. The foray is directed toward the experienced mushroomer and is oriented to discussion of scientific issues, and is limited to 40 persons. Registration & Food and Lodging is \$48 (Friday dinner through Sunday lunch). Send check along with 2 self-addressed, stamped envelopes to Joanne Turner 3882 Faulkner St., Irvine, CA 92714.

MUSHROOM SHOWS

The Los Angeles Mycological Society will hold its Second Annual Wild Mushroom Fair on Sunday, February 5th at the Los Angeles State and County Arboretum in Arcadia. The Mycological Society of San Francisco held an Annual Fair in Oakland, on December 18, 1983 and in the Hall of Flowers in San Francisco, on January 8, 1984.