



New Jersey

Mycological Assn.

NJMA NEWS NOV. 1978
Volume VIII No. 11
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Editor: Dorothy Smullen

Circulation: Bill Rokicki

1978 - 79 WINTER PROGRAMS

NOTICE

FIRST WINTER MEETING AT SCEEC IS CHANGED TO NOV. 19 NOT NOV. 12 AS PRINTED ON SCHEDULE. THE CENTER IS NOT OPEN ON THREE DAY WEEKENDS. CHANGE YOUR CALENDAR NOW!

- NOV. 19 - - - JOHN DURKOTA will present a slide program entitled '15 YEARS OF MUSHROOM PHOTOGRAPHY' There will be a short business meeting and a long get together for fellowship. Come, and join the fun.
- Dec. 10 - - - Gertrude Espenscheid will present a slide program "Mushrooms around the Arctic Circle". Gertrude recently attended the NAMA foray to Finland. Elections will also be held.
- Jan. 14 - - - Dr. Clark Rogerson of NYBG will give a slide lecture on a genus of the Agaricales.
- Feb. 25 - - - Plans are underway for a Culinary Workshop with members only attending.
- March 11 - - - Don Simons will discuss 'Mushroom Toxins'
- April 8 - - - Gary Lincoff will return to give the slide presentation on edible mushrooms that was so well received last year. This lecture will be open to the public at the center (in the auditorium), but will not include any cooking and tasting.

All programs should start promptly at 1:30 pm. The center opens at 1:00. (on Sun.) Meetings will be held in classroom three downstairs unless otherwise noted.
Directions to center - - (see map in new member package) Somerset County Environmental Education Center is located in Basking Ridge, N.J. 201-766-2489. Take route 287 to exit 26A - Basking Ridge; make a right turn from the exit ramp onto N. Maple Av. Follow through blinking light; at center of town veer left onto S. Maple Av. Take S. Maple (passing Lord Stirling Riding Stables) to Lord Stirling Rd. There is a small sign saying EEC- one mile. Turn left onto Lord Stirling Rd. and follow to center on the left side. (South Maple Av. is also a continuation of Long Hill Road (Passaic Township) and River Road (Chatham and Summit) from the East.

Please bring name tags to the meetings (if you have them).

NEW ADDRESS

Dr. Sam Ristich sends his best wishes to all his friends in NJMA. Sam says he misses our happy comraderie very much. Sam has been so busy getting settled in Ithaca, N.Y. that he hasn't had much chance to foray. Sam's new address is

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TAXONOMY NEWS

The taxonomy group had its first meeting at Cook College, Rutgers in New Brunswick on Tues. night Oct. 10, room 310 - Plant Pathology Building. Some of the herbarium specimens have now been transferred from SCEEC to Rutgers. Our members were given a very warm welcome and much kind assistance "getting established". Meetings will be held both at SCEEC and Rutgers. Please call Dorothy Smullen at [] check on the next meeting date and place. All interested members of NJMA are welcome.

PICNIC DISHES

Thanks to Brenda Bianco of Stockton for providing this list.

October 8, 1978

Picnic at Stokes State Forest

Some of the members present and the dishes they provided:

- Jim Richards & Bob Peabody: abortivus chowder; campestris soup; Armenian flatbread; coffee cake.
- Victor & Grace Gambino: chocolate cake, coleslaw & puffballs.
- Ursula Hoffman: pate made with black trumpets soaked in whiskey with sulphureus, etc.
- Gerry Miller & Selena Whitefeather: frondosus chili
- Al & Viola Leyenberger: chili con carne & crackers
- Roger & Gloria Brill: Swedish meatballs made with park, beef & veal.
- Bunji & Kim Tagawa: Nori Maki
- Hiram Korn: apples
- Melanie & Viola Spock: Golabki (stuffed cabbage) & cider
- Al & Dorothy Northup: chocolate fudge
- Grete Turchick: boletus & abortivus soup; fried abortivus; fried frondosus & fried shaggy mane
- Ginny Muhlhahn: boletus affinis soup
- Ed Bosman: bean salad with entoloma abortivus; macaroni salad; marinated entoloma abortivus & wine
- Leonard & Erica Frank: homemade wine & apricot/walnut bread.
- Donald & Barbara Ecker: carrot salad with raisins and yogurt dressing
- John & Grace Wanelik: honey baked beans
- Gerry Breitenbach: zucchini cake
- Neil MacDonald & Audrey Robertson: salad
- Paul Meyer & Brenda Bianco: mock ravioli; Paul came early to prepare his traditional breakfast of omelets made with frondosus to those early arrivals.
- Others present were Gary Lincoff, Bill Rokicki, John Durkota, John Bergman and others whose names & the dishes they provided I did not get.

CARTOON submitted by the Kerecmans of Hightstown.

Reprinted from the Asbury Park Press. Thank You.



LIBRARY RULES - Fred Volkenborn Memorial Library

Submitted by Al Northup

NJMA now has an excellent collection of books on mycology and related subjects. The library consists of donations by many members as well as books purchased by the club treasury. There is only one copy of most titles.

The following rules have been adopted as necessary to assure the greatest usefulness of the library to all of the members.

1. The library is for the use of members only. Its use is one of the benefits of membership.
2. The books are kept in a locked cabinet at the Somerset County Environmental Education Center. The cabinet will be open only when the librarian or an elected officer of the club is present, on such occasions as regular meetings of the club or of the club's Taxonomy group.
3. Any member may borrow any one book from the lending portion of the library for 30 days only. There will be no extensions, renewals, or multiple borrowings. (There is also a reference only section...see no. 7 below)
4. Books may be borrowed only when the librarian or an elected club officer is present and must be signed for by the borrower on the blue library card in each book. The date of borrowing (including the year) will be entered in the left hand "date due" column.
5. The card is then to be placed in the box provided inside the cabinet.
6. The borrower is responsible for returning the book to the library within 30 days. In the event that he does not expect to attend a club or taxonomy meeting within that time, he will be required to mail the book back to the librarian at his own expense. The present librarian is:

M.A. Northup

7. Reference Only Section - A certain few books because of their very high cost, rarity, technical nature, etc. are reserved for reference only. They may be consulted whenever the book cabinet is open, but are not to be taken from the room, and must be returned to the cabinet before the close of the meeting. (A list of these reference books will given at a future date.)

The chart below is from Muller, 1963 Botany: A Functional Approach. MacMillan Co.

SOME PLANT DISEASES CAUSED BY BASIDIOMYCETES

Disease	Pathogen	Control
Stem rust of grains and grasses	Puccinia graminis	Resistant varieties; sulfur dusting; eliminate barberry.
Cedar apple rust	Gymnosporangium juniperivirginianae	Eliminate one host; sulfur dusting.
Blister rust of pine	Cronartium ribicola	Eliminate Ribes host.
Bunt of wheat	Tilletia tritici and T. laevis	Seed treatment with Ceresan,* etc.; resistant varieties.
Loose smut of wheat	Ustilago tritici	Resistant varieties, hot water treatment of seeds.†
Common smut of corn	Ustilago zeae	Crop rotation, sanitation.‡
Rhizoctonia disease (black scurf) of potatoes	Corticium vagum	Crop rotation, use of clean "seed pieces."

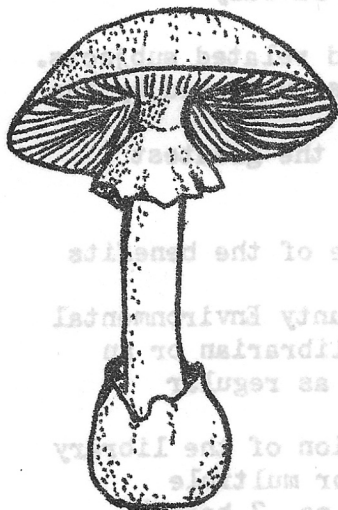
Believe it or not -
the American indians
ate the immature
fruiting bodies of
Ustilago zeae after
boiling.

* Ceresan is an organic mercury compound.

† Enough heat is involved to kill the fungus mycelium but not the plant embryo (in the seed)

‡ Sanitation refers to destruction of crop residues.

Amanita phalloides Fries



Commonly called the "Death Cap", Amanita phalloides was once considered rare in this country. Recent findings and poisonings since 1970 have revised these thoughts.

The 7-15 cm cap is smooth, smoky-gray, olive or light yellowish green. The gills and stem are white. The white, skirt-like annulus is membranous. The volva is persistent, saclike, white and not flattened to the stalk. There is a slight disagreeable odor.

Spores are almost round, 8-12 by 7-9 μ , and give an amyloid reaction in Melzer's solution.

White spore print; gills free.

Gary Lincoff mentions in his book (1977) that 31 school children in Poland died from a school lunch of Amanita phalloides in 1931. In New Jersey, in 1970, a father and daughter died of A. phalloides poisoning. The story is described in the March, 1975 issue of Scientific American by Walter Litten. The cover of the issue is illustrated by Bunji Tagawa of NYMS and NJMA. Both of these resources include the toxic properties and nature of action of Amanita poisonings. (perfect for winter reading... almost a must)

The New Jersey poisoning took place in Cape May County. Last year in Oct., John Durkota and Neal Macdonald accompanied Don Simons of Maryland on a foray in the county. They collected and dried specimens. Some of these were included in the NJMA herbarium. This year, John Durkota obtained specimens from a different area in Cape May County, and these specimens are now in the herbarium.

Also in Oct. 78, Bob Peabody and Jim Richards found almost 30 specimens of A. phalloides in Morris County just outside of Hackettstown, NJ. Found in a 45 year old stand of Hemlock, many of the specimens were dried and sent to mycologists (Dr. Leo Tanghe, Dr. Sam Mazzer, Dr. Don Simons, Dr. Clark Rogerson, Dr. Sam Ristich and Gary Lincoff).

FALL FINDINGS

The day of the foray to the Tourne, Bob and Graham Peabody and Jim Richards weighed in these results:

- 66 $\frac{1}{2}$ lbs - chicken mushroom
- 12 lbs - Entoloma abortivus
- 2 $\frac{1}{2}$ lbs - hen of the woods (Polyporus frondosus)
- 1 $\frac{1}{2}$ lbs - Lepista nuda

At Echo Hill, John Wanelik found Lactarius indigo, a beautiful blue species. All the photographers came running.

Grete Turchick found the very rare blue polypore - Polyporus caeruleoporus on the day of the picnic at Stokes. The latter two specimens were dried and are now in the NJMA herbarium.

NEW EDITOR

It is with great pleasure that I welcome Melanie Spock of Martinsville as the new Editor of NJMA. Melanie majored in journalism so you won't have to put up with my poor grammar any more. Editing has been fun and challenging but it will be a relief to pass it on. Let us hear your news and views- please.

NOV. 78

WELCOME NEW MEMBERS

SINCERE SYMPATHY is extended to the families and friends of two departed long-standing members of NJMA. - George Pawluchik of Ogdensburg
and Joseph Palusch of Franklin

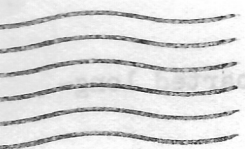
PROXY VOTE

The executive committee is proposing an increase in dues for 1979. Inflation is mushrooming ... or rather has been mushrooming over the last few years while our dues have remained static since 1973. Our treasury is healthy, and we would like it to stay that way so that we can continue to offer the full range of activities that we have had in the past. If you will not be able to attend the December meeting at SCEEC, please fill out the proxy ballot and either give it to a friend who will be attending or mail to any officer.

Robert Peabody

609-693-2207
 201-242-6871
 201-359-2373
 201-284-2107
 201-711-8027
 201-21-0721

14X
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 210
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 285
 32X
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and Joseph Pajnoch of Frank...
 - George Pawluchik of Od...
 extended to the families and...

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