



New Jersey Mycological Assn.

NJMA NEWS

JUNE 1977

Volume VII

No. 6

President: Robert Peabody

Meetings: 2nd Sunday Nov. - April 1:30 p.m.
Morris County Outdoor Education Center,
247 Southern Blvd., Chatham, New Jersey

Editor: Dorothy Smullen

WILD FOODS FORAY — JUNE 12

A reminder! Join us for the club's next outing with leader Gary Lincoff and you will be rewarded with all kinds of taste treats.

10:00 at SUNDANCE STABLES (852-6342) Petersburg Road, Hackettstown

Directions: Route 80 west to Route 46 west thru Hackettstown. 1/4 mile west of town, turn right onto Petersburg Road. Proceed 1 1/2 miles to Sundance Stables on the right. (map in last month's newsletter)

END OF JUNE FORAY — PEEC

Please note -- the full fee for this fun weekend is due on or before June 12. Mail to Bill Rokicki, _____). Bill will probably be at the June 12 foray.

The program for the weekend can be found attached to this newsletter for those who will be attending.

Directions to PEEC: From Interstate 80 in Penn. take exit 52 (Marshall's Creek) to Route 209 North. Follow 209 North ... at the blinking light in the village of Bushkill, check your odometer... as you approach 7 miles from the light, watch for a small wooden sign on the right side of 209N -- saying Pocono Environmental Education Center -- Make a left turn at this sign, follow the road up the hill and bear right at the "Y".

On Saturday night at 6:30, there will be a Mushroom Arts and Crafts display. If you have any kind of contribution to this exhibit (even if you are not going on this weekend foray) please call Dorothy Smullen at _____ Thank you!

Recommended Items for PEEC

good walking shoes	_____	midday snacks	_____
bed linens, blankets	_____	medicines - aspirin	_____
bath towels, wash cloth	_____	bug spray	_____
toothbrush, toothpaste	_____	first aid supplies	_____
soap	_____	notebook, pencils	_____
tissues	_____	flashlight	_____
pajamas	_____	hand lens	_____
underware, socks	_____	camera; film	_____
jeans/slacks; shirts	_____	field guides	_____
rain gear	_____	field glasses	_____
sweater, sweatshirt	_____	collection basket	_____
bathing suit	_____	waxed paper	_____
		knife	_____

MAY FORAY NOTES

May 1st at Jenny Jump was a beautiful day. Approximately 30 morels were found. The youngsters of the group were successful. Bob Peabody's son had good finds and Bill Rokicki's son found the largest morel. The species found were Morchella deliciosa, M. esculenta, M. semilibera, Coprinus micaceus and Polyporus squamosus.

The conditions were too dry for a bountiful trip on May 15 at Worthington State Park, but a good hike was enjoyed by all. A small group scouted a lower trail with some success - a large M. esculenta was found. Other species found were brought to the taxonomy meeting on May 17 and were identified there. (See Taxonomy Group News)

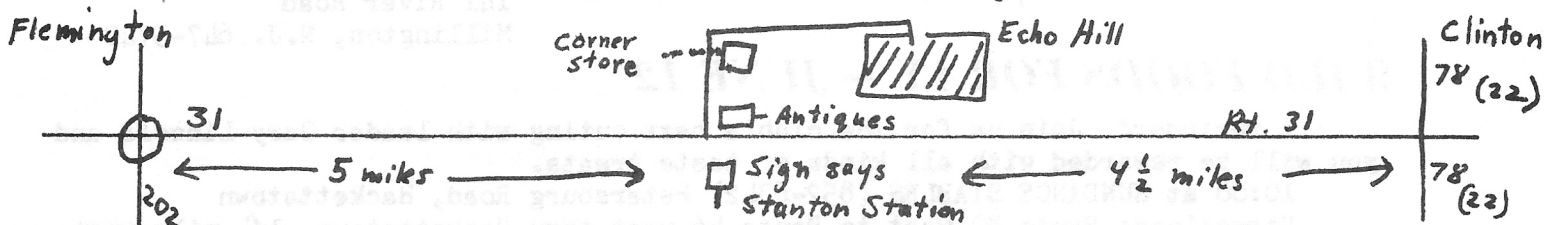
DIRECTIONS

JULY 10

ECHO HILL

LEADER: GERTRUDE ESPENSCHIED

Echo Hill is about midway between Clinton and Flemington at Stanton Station. From Route 31 take the Stanton Station Road west, and take the first right at the corner store. Go about $\frac{1}{2}$ mile to Echo Hill on the right. Park in designated areas only. Please do not go near the house which is privately owned. Outhouses are available but there are no picnic tables.



Gertrude informs me she had a "marvelous, magic time" at the 1977 Boyne City, Michigan Mushroom Hunt. The winning number this year for locals was 192. The most for out-of-area participants was about 40. There just was not enough rain! Only the regulars know spots that are abundant even in dry conditions. Residents sell morels for \$50 a bushel. Gertrude brought back a $\frac{1}{4}$ bushel.

Try to stop in at the Hunterdon Art Center, 7 Center St. Clinton N.J. on June 19, 2-5 p.m. Gertrude is chairman of an International Exhibition of Botanical Drawings. Gertrude and Bunji Tagawa are both represented in the show.

MUSHROOMS IN THE NEWS: The magazine Harrowsmith Vol. 1 No. 6 April 77 has an interesting article entitled "Fear of Fungus". The photographs and descriptions are good. There are even some recipes. Check with Bob Peabody if you would like to borrow the magazine.

Many thanks to Dr. Bill Maden of Montville who sent an article from the Medical Tribune. Two natural constituents of mushrooms have been found to cause cancer in mice. This situation is outside the realm of the Delaney amendment. The carcinogens are N-methyl-N-formylhydrazine which occurs in the false morel (Gyromitra esculenta) and a metabolite of 4-hydroxy methylphenylhydrazine present in the common commercial mushroom in the U.S. For further details of the article please contact me for copies.

Getting Started in Mycology

by Vic Gambino

The avowed aim of the NJMA is to further the study of fungi. We often forget how difficult it is for the novice mushroom hunter to thread his way thru mazes of charts, diagrams, keys, abstract descriptions and an entire new vocabulary. As a hobby mycology is fun! But every hobby has a difficult learning period.

For most of us the initial interest in mushrooms is as wild food. All the novice has to know is about a dozen mushrooms found in N.J. which can be collected spring, summer and fall. The following is a list of some common edible species. Use field guides for descriptions and identifiable traits. Feel free to talk with officers or other club members about any problems encountered. Come to our forays! Ask for recipes!

Scientific Name

Common name

Morchella esculenta

morel

Coprinus micaceus

common ink cap

Pleurotus ostreatus

oyster mushroom

Hydnum repandum

spreading hedgehog mushroom

Cantharellus cibarius

chanterelle

Lacterius deliciosus

delicious lacterius

Lacterius volemus

orange lacterius

Ramaria (Clavaria) flava

yellow coral mushroom

Coprinus comatus

shaggy mane

Lycoperdon pyriforme

pear-shaped puffball

Armillaria mellea

honey mushroom

Naematoloma sublateritium

brick top

Polyporus sulphureus

chicken mushroom

Note: Please contact Vic if you find any mushrooms of the genus Lacterius. He plans to specialize in that group.

TAXONOMY NEWS

On May 3rd, the taxonomy group keyed down a specimen brought in by Anna Gerenday. After some confusion we determined it to be Psathyrella velutina which has the synonyms of P. lacrymabunda and Hypholoma velutina. The spores were warted and dark purple-brown to black. The gills were attached which means it wasn't Agaricus. The cuticle of the cap was cellular (once hairs removed) which separates it from the genus Stropharia which has cells that are long and threadlike (filamentous) for the cuticle. Remnants of the veil hung from the margin of the cap.



On May 17th, several members keyed down Galeria hypnorum syn. Galerina hypnorum. The specimen was brought in by Neal Macdonald and Jim Richards. A drawing of the species is on the left of this page. Galerinas are small mushrooms with smooth caps and attached gills. The spores are brown. Some species contain deadly poisonous toxins. Miller suggests avoiding all small mushrooms that occur in grass and moss and have thin, brittle stalks.

Another specimen was keyed down to the genus Entoloma. Salmon-colored, angular spores identifies this group. The gill attachment was sinuate.

Several cup fungi have been preserved for examination at a later date.

Some of the time at the meetings is spent viewing the GAF reels that go with the text of Mushrooms in Their Natural Habitat by A.H. Smith. Bob Peabody's projector is used for this purpose. The view master reels may be purchased for \$13.75 from GAF Corp. Consumer Photo Division. P.O. Box 444 Portland, Oregon, 97207. The text is published by Hafner Press, 1973.

Come to the next meeting at the Scherman Wildlife Sanctuary -- 7:45 June 14. There will be no meeting following the June PEEC weekend.

Galeria hypnorum
"the MOSS GALERA" —
with spores