

New Jersey Mycological Assn.

NJMA NEWS
Vol. XI

May 1981
No. 5

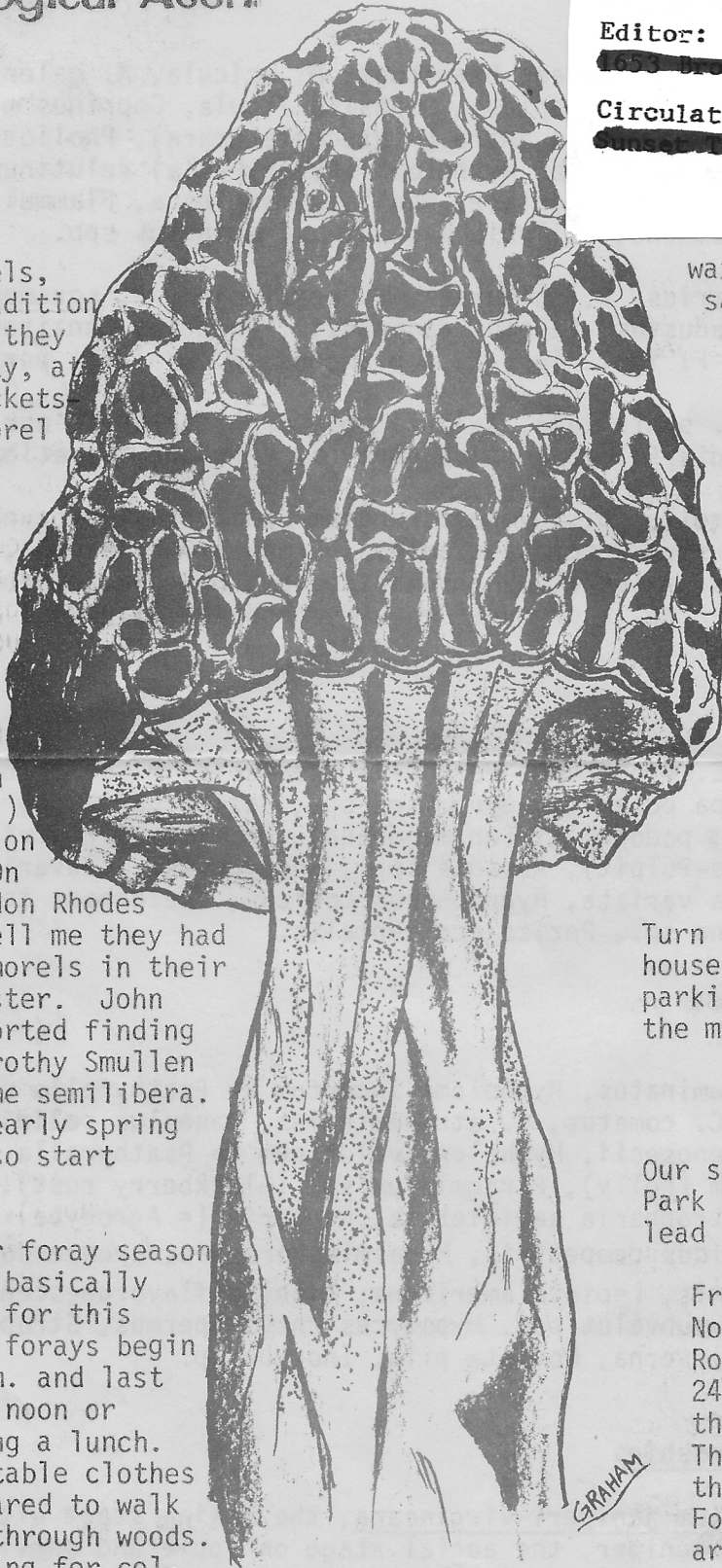
President: Ray Fatto

Editor: Melanie Spock

Circulation: Edythe Krape

Morels, morels, morels - tradition has it that they appear in May, at least in Hackettstown, the morel capital of N.J. The first morel of the season was sighted by former NJMA club member Sally Pitt in Hackettstown (under yew!!) in her yard on April 12. On Easter Graydon Rhodes called to tell me they had five small morels in their yard in Chester. John Durkota reported finding them and Dorothy Smullen gathered some semilibera. We have an early spring this year, so start looking.

To begin our foray season we have two basically morel hunts for this month. All forays begin at 10:00 a.m. and last until about noon or later. Bring a lunch. Wear comfortable clothes and be prepared to walk off trails through woods. Items to bring for collecting mushrooms include a basket or rigid container



wax paper or preferably, wax paper sandwich bags (no plastic bags), and a knife. Please leave pets at home.

JENNY JUMP

The annual Jenny Jump Morel Hunt on May 3rd will again be led by Paul Meyer and Bill Rokicki. Directions: Take Route 80 to the "Hope" exit (Route 521 South). In the center of Hope, take Route 519 North to the small sign on the right side of the road indicating Jenny Jump State Forest (about one mile).

Turn right and proceed to the large white house on the right. Turn right on the road in front of the house. Continue past the swings to the parking field on the right. Lets hope the morels will be waiting for us.

HACKLEBARNEY

Our second foray will be Hacklebarney Park on May 17th. Al Northup will lead this one.

From southern areas, take Route 206 North to Chester. Turn left from Route 206 onto Route 24. Follow 24 to the Black River. Once over the bridge, make a sharp left. This is Hacklebarney Rd. Stay on this hardtop road to the park. Follow signs to the main parking area.

From a northern direction, follow Route 24 from Hackettstown down
(continued on page 3)

FUNGI BY HABITAT *by Dr. Sam Ristich*

I. Epixylous or Lignicolus*

- A. *Collybia platyphylla*, *Mycena haematopa*, *M. acicula*, *M. galericulata*, *Pleurotus ostreatus*, *P. sapidus*, *Omphalia fibula*, *Coprinus micaceus*, *Pholiota praecox*, *Agrocybe amara* (= *Naucoria amara*), *Pholiota dura*, *Stropharia rugoso-annulata*, *Hypholoma* (*Psathyrella*) *velutinum*, *H. hydrophyllum*, *H. fasciculare*, *Pholiota marginata*, *Flammula* sp., *Schizophyllum commune*, *Collybia maculata*, *Crepidotus* spp.
- B. *Polyporus arcularius*, *P. sulfureus*, *P. versicolor*, *P. squamosus*, *P. fumosus*, *P. adustus*, *Favolus canadensis*, *Phlebia*, *Lenzites saepiaria*, *Fomes pinicola*, *F. igniarius*, *F. applanatus*, *F. pini*, *P. pergamenus*.
- C. *Peziza badia*, *P. scutellata*, *Xylaria polymorpha*, *Aleuria aurantia*, *Diachea leucopodia*, *Fuligo septica*, *Arcyria denudata*, *Ceratiomyxa* sp.
- D. *Exidia* sp., *Tremella* sp., *Gymnosporangium juniperi-virgineana*, *Gymnosporangium* sp., *Puccinia graminea*, *Cronartium ribicola*, *Calocera cornea*, *Clavaria pyxidata*, *Hymenochaetes* sp., *Mitrula paludosa*, *Tremella mesenterica*, *Dacrymyces* sp., *Hydnochaete olivaceus*.

II. Woodland Species

Entoloma lividum, *E. violaceum*, *Morchella esculanta*, *M. semilibera*, *M. angusticeps*, *Verpa bohemica*, *Gyromitra* sp., *Peziza badia*, *P. repanda*, *P. violacea*, *Uromyces podophylli* (on mandrake), *Uromyces atri-triphylla* (rust on Jack-in-the-Pulpit), *Russula* spp., *Inocybe* sp., *Clavaria cristata*, *Eccilia* sp., *Russula variata*, *Hygrophorus conicus*, *Thelephora terrestris*, *Marasmius* sp., *Mycena* sp., *Peziza occidentalis*.

III. Lawn or Meadow Species

Pseudocoprinus disseminatus, *Hypholoma incertum* (= *Psathyrella candolleana*), *Coprinus micaceus*, *C. comatus*, *C. atramentarius*, *Paneolus solidipes*, *P. retrogus*, *P. foenosecii*, *Hypholoma velutinum* (= *Psathyrella velutinum*), *Puccinia malvacearum* (holly), *Phragmidium* sp. (blackberry rust), *Russula uncialis*, *Stropharia semiglobata*, *Naucoria* (= *Agrocybe*) *semiorbicularis*, *Psilocybe* sp., *Agaricus campestris*, *Marasmius oreades*, *Lycoperdon* sp., *Calvatia cyathiformis*, *Lepiota americana*, *Amanita flavorubescens*, *A. gemmata*, *Boletus subvelutipes*, *Hypomyces chrysospermus*, *Stropharia* sp., *Entoloma* (= *Nolanea*) *verna*, *Bovista pila*, *Inocybe* sp.

IV. Alternate Host Relationships

Rusts--*Gymnosporangium juniperi-virgineana*, the telial stage with gall and gelatinous horns on juniper, the aecial stage on apple and service berry.
White pine rust → telial stage on currant → aecial stage on pine.
Wheat rust → aecial stage on barberry, uredial and telial stage on wheat.

*or on wood chips

IV. Edible Forms

Morels, *Pleurotus sapidus*, *P. ostreatus*, *Coprinus* spp., *Russulas*, *Hypholoma velutinum*, *Stropharia rugoso-annulata*, *Polyporus sulfuereus*, *Marasmius oreades*, *Agaricus campestris*, *Calvatia*, *Lycoperdon* sp., *Peziza repanda*.

VI. Mycorrhizal Forms

Psathyrella velutinum, *Thelephora*, Morels, *Gyromitra*, *Boletus subvelutipes*, *Russulas*.

VII. Other Interesting Forms

Xylaria polymorpha, imperfect stage--as a white bloom (*Conidia*) on outside of fungus when it is young; then perfect--Ascomycete stage -- the "black finger" stage. *Daldinia* sp. and *Hypoxylon* sp. go through the same steps.

The roundish or flask cells in the cuticle of *Psathyrella* and *Agrocybe*. The giant cystidia between gills of *Coprinus*. The ornate capillitium of *Arcyria*, the drying and swelling of *Exidia*. The angular spores of *Entoloma*, the unique cells in the cuticle of *Pseudocoprinus* and the giant cystidia on gills of *Pluteus*.

(continued from page 1)

Schooley Mountain Road. Turn left at Long Valley. Follow Route 24 towards Chester until the Black River Bridge. Turn right before the bridge onto Hacklebarney Road and follow signs to the main parking area.



A Taxonomy Committee meeting will be held Friday, May 29th, 7:30 p.m. at SCEEC. They will do general housekeeping, cataloguing, and work with unknowns. The meetings are open to all members, and beginners are welcome. Call Dorothy Smullen if you plan to attend,

WELCOME NEW MEMBERS

Rachael Bas-Cohain
Raydel E. Crego
Betty B. Ivanovich
Roger L. Meyer

Illustrations pgs. 1 & 3: Dan Graham

HOT OFF THE PRESS

Since the first page of the newsletter was printed over a week ago, more information has been received in the race to capture the elusive morel. Bob Peabody is already well in the lead with 89 specimens so far, and it isn't even Morel Month yet!! Gertrude Espenscheid found some semilibras and Joe Spock discovered 5 esculenta this week. Ray Fatto, Jim Richards and Grete Turchick all good hunters, so far report zero. All members who would like to have their morel finds reported in the newsletter might want to submit a few to the editor in order to verify the correctness of the report.

June 5-7 ... Fourth Annual New England Mycologists Conference- open to amateurs, information and registration blank on attached page.

June 19-21.. PEEC Weekend, see page 7 for information and registration blank.

August 28-30..Northeastern Foray. No information has been released on the foray. however, it will be held at Bennington College Bennington, Vermont. Sponsored by five clubs in the Northeast, it has, perhaps, the largest attendance of any foray in the country. Keep the dates open. Information should be received in time for the June newsletter.

August 27-30..Wild Mushrooms Telluride is an educational conference in the study and cultivation of wild mushrooms held in Telluride, Colorado, the conference includes forays, workshops and lectures. For more information contact Ray Fatto or the editor or write to Telluride Mushroom Conference, P.O. Box 15183 Lakewood, Colorado 80215.

October 15-18..The North American Mycological Association's annual National Foray will be held on the Olympic Peninsula in Washington State. Lectures, workshops, including the use of computers to study mushrooms, and forays in what Gary Lincoff assures us is one of the best areas on the west coast. For more information, contact the editor, or Jennie Schmitt, 13737 Peninsula Place, S.W., Port Orchard, Wa. 98366.

University of Maine at Orono

CONFERENCES and INSTITUTES DIVISION

Announces . . .

Second and Final Announcement

FOURTH ANNUAL NEW ENGLAND MYCOLOGISTS CONFERENCE

Date: June 5, 6, 7, 1981

Location: 100 English/Math Bldg

This is to announce the Fourth Annual New England Mycologists Conference scheduled for June 5-7, 1981, at the University of Maine at Orono and the College of the Atlantic at Bar Harbor, Maine.

The fee for the entire conference will be \$60.00 per person. This fee covers registration, two nights in University housing, a Downeast Lobster Bake, a bag lunch on Saturday, two breakfasts, bus transportation to Bar Harbor and return, and a social hour. A fee of \$30.00 per person will be charged commuting participants or those wishing to make their own housing arrangements.

Please register prior to May 22. Registrations postmarked later than May 22 will be \$70.00 for the entire conference, and \$40.00 for the commuting participant.

Two airlines fly into Bangor (16 km from Orono). They are Delta and Bar Harbor Airlines. All afternoon flights will be met on June 5, and transportation to UMO will be provided. The BUDGET car rental booth in the airport is the University's meeting area. For those who drive, Orono is approximately 16 km north of Bangor, on Interstate 95. Signs directing participants to the registration area will be posted at each entrance to the University.

FOURTH ANNUAL NEW ENGLAND MYCOLOGISTS CONFERENCE

To register, please send this form along with your check made payable to the University of Maine to:

University of Maine at Orono
Conferences and Institutes Division
126 College Avenue
Orono, ME 04469

Telephone: 207/581-2626

Name _____

Organization _____

Address _____

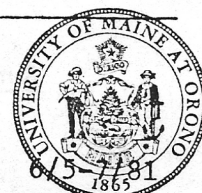
Telephone (home) _____ (office) _____

Please check one: I plan to arrive by plane. Time: _____

I plan to arrive by auto.

Enclosed is my check for \$60.00 per person.

Enclosed is my check for \$30.00 per person.



****NOTE:** There is time for a few more papers...anyone interested please submit abstract to Dr. Richard Homola, Botany & Plant Pathology Dept., Deering Hall University of Maine, Orono ME 04469

FOURTH ANNUAL NEW ENGLAND MYCOLOGISTS CONFERENCE

June 5, 6, 7, 1981

ITINERARY

Friday, June 5

6 - 8 PM Registration: Androscoggin Hall, UMO
8 - 9 PM Social Hour: Foyer of English/Math Building, UMO

June 5 - 6

Bunj Tagauwra's Mushroom Watercolors on Display:
Foyer of English/Math Building, UMO

Saturday, June 6

6:30 - 7:30 AM--Breakfast: Stewart Cafeteria
(Late Registration)
7:30 AM --Bus leaves for College of the Atlantic, Bar Harbor--
in front of Androscoggin Hall, UMO
9:10 - 9:15 AM--Opening of Fourth New England Mycological Conference:
College of the Atlantic, Symposium Room (**See Page 1)
9:15 - 9:30 AM--T. E. Chase and R. C. Ullrich. "The Incompatibility
System of Heterobasidion annosum."
9:30 - 9:45 AM--J. Boise. "Morphological Studies on Trematosphaeria
circinans."
9:45 - 10 AM --A. E. Bessette. "Studies on the Distribution, Patho-
genicity and Biochemical Characterization of
Pseudomonas tolaasi (Paine) from Selected Basidio-
mycetes."
10 - 10:15 AM --R. S. Anderson, R. L. Homola, and R. B. Davis.
"Occurrence of Mycorrhizal Fungi in Late-Glacial
Lake Sediments from Northcentral Maine."
10:15-10:30 AM--Coffee Break
10:30-10:45 AM--F. Kazama. "The Zoospore of the Marine Protist
Thraustochytrium sp."
10:45-11 AM --S. Schatz. "Observations on the Life History of
Phycomelania laminariae."
11 - 11:15 AM --R. L. Homola. "Scanning Electron Microscopy of
Spore Ornamentation in the Genus Peziza."
12 Noon --Bus leaves for Acadia National Park
12:15 PM --Bag Lunch at Park
1 - 3:30 PM --Enjoying Acadia or Bar Harbor area
3:30 PM --Bus leaves from Acadia for UMO at Orono
7 PM --Downeast Lobster Bake: Stewart Cafeteria
8:30 PM --Main Lecture: Kenneth A. Harrison, "Hydnum and their
relationship with Forest Communities." English/Math
Building, Room 100, at lobby entrance.

Sunday, June 7

6:30 - 7:30 AM--Breakfast: Stewart Cafeteria
8 AM --Foray--Depending on the number of participants, trips
to a nearby conifer forest or a 75 mile trip to a
beech-maple woods.

PEEC Weekend Planned

The "PEEC Weekend" has been scheduled for June 19-21. Held at the Pocono Environmental Center (PEEC) near Bushkill, Pa., this is our social weekend, where new and old members get a chance to meet each other. The weekend begins with dinner on Friday and ends after lunch on Sunday.

The program will be pretty much as in previous years, with forays, a possible photo foray, wild foods and mushroom tasting sessions. There will be a wine and cheese party and also a square dance.

Dormitory style and family cottages have been reserved for 50 people. Since PEEC was previously a honeymoon lodge, all cottages have a large ceramic tiled bathroom with shower and tub. Bunk beds, mattresses, pillows, dressers and housekeeping equipment are provided.

The cost of the weekend is \$43.00 which covers everything except towels and linnens. Bring your own or arrangements may be made with PEEC upon arrival to rent them.

You may invite a non-member if you wish.

Those who wish to attend the programs only on Saturday, but do not intend to stay for the weekend must pay a \$6.00 fee. Their meals may be purchased separately at an extra cost determined by PEEC.

Fill out the registration form and send it along with a check payable to NJMA to Bill Rokicki. Five dollars of the registration fee is non-refundable. We would appreciate fees paid in full as it eliminates bookwork.

For further information, contact Bill at 2 [redacted] 7.

* * * * *



New Jersey Mycological Association
c/o Ray Foster, President
1187 Millington Road
Bushkill, Pa. 18320

Reservation Form for PEEC Weekend

Registration Fee \$5.00 per person, non-refundable.
Total cost of weekend . . \$43.00 (includes registration fee).

Make checks payable to: New Jersey Mycological Association

Mail to: Mr. William Rokicki



No. Attending _____ Name(s) _____

Phone _____

Address _____

_____ zip _____

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You are invited, non-member if you wish.

Those who wish to attend the programs only on Saturday, but do not intend to stay for the weekend must pay a \$6.00 fee. Their meals may be purchased separately at an extra cost determined by PEEC.

Fill out the registration form and send it along with a check payable to PEEC to 871 State Street, P.O. Box 100, Bushkill, Pa. 18313.

New Jersey Mycological Assn.
c/o Ray Fatto, President



Registration form for PEEC Weekend

Registration Fee: \$43.00

Total cost of weekend: \$43.00

Make checks payable to: New Jersey Mycological Assn.

I _____

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