

### **Registration for forays and workshops**

The number of participants is limited for forays and for several workshops. Registration is required on forms posted on the table in the foyer of York Commons (cafeteria).

### **Mushroom Display (Gym of Lengyel Hall)**

**Open-** Thurs. 1pm to 10pm, Fri. and Sat. 7am to 10pm, Sun. 7am to 12pm.

### **Forays**

Be on time for the departure of forays! All forays will depart from the parking lot beside York Commons. Walk-ons will be taken on at a first-come basis after registered forayers. After forays, buses will drop people off at Lengyel Hall to put their finds on the sorting table for that foray.

Please limit yourself to the best specimens when collecting mushrooms and fill out the collection identification slip when you collect the specimen.

#### **FORAY SMART!**

Bring bug spray and water with you. Please stay in groups of two or three (minimum) while foraying in the woods. On all walks be aware of the direction you are entering the forest. Try to keep another forayer within sight. Stay close to the trail if you are prone to getting lost and have a bad sense of direction. Carry a whistle. Be aware and stay alert.

Make sure to be back at the bus on time. If you miss the departure time from the foray site, the bus will leave without you, but the foray leader will stay behind to wait for you, and a car will be sent to pick you up. You may be charged mileage (round-trip) for this pickup.

#### **Dropping off Collections and Identification of mushrooms**

When you get back from the foray, put your mushrooms on the sorting table corresponding to your foray number. Use the plates provided, and fill in the identification card if you have not already done so. Make sure your name is on the identification card so you will be eligible for the daily mushroom awards. Identifications will be confirmed by experts at the foray before specimens are placed on the display tables.

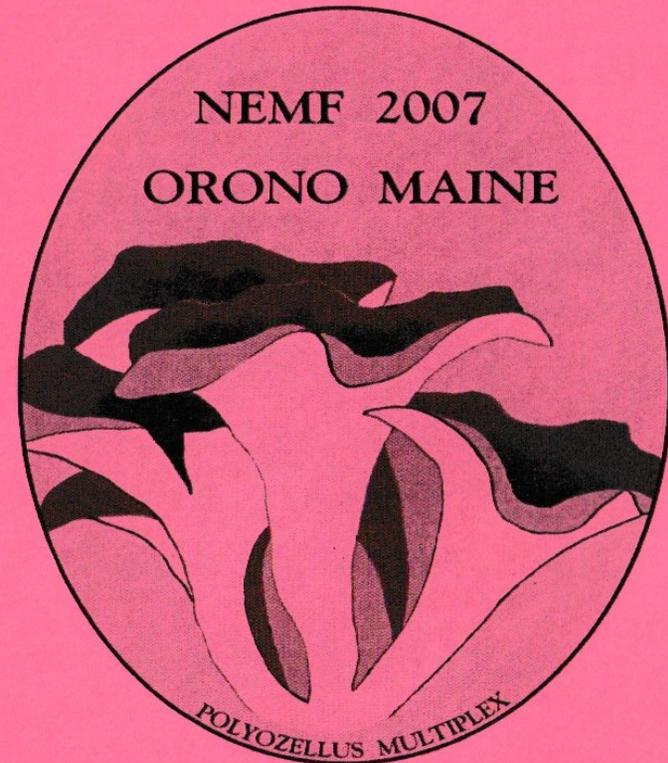
#### **Awards for best mushrooms**

Prizes will be awarded on Friday and Saturday evenings for categories of mushrooms such as: the rarest, the most unusual, best ascomycete and others to be announced. Judges will be chosen from among the invited mycologists. Remember to look for *Amanita ristichii* and *Polyozellus multiplex*!

#### **The University of Maine Forest**

Please use common sense when going into the University's forest. This forest is well over 1000 acres with lots of crisscrossing trails. Be sure to let someone know where you are going and how long you plan to be gone if you plan to foray, walk, or bike in this forest. Trail maps available at the registration desk.

## **13th Annual Sam Ristich Northeastern Mycological Foray**

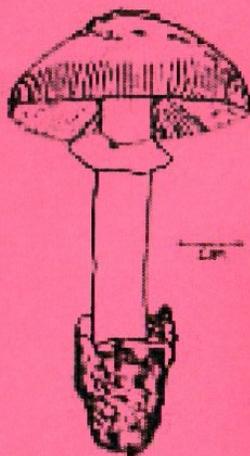


**August 9-12**

**2007**

**Orono, ME**

## *Amanita ristichii* Treasure Hunt



*Amanita ristichii*  
Drawing by Louise Rocheleau  
Courtesy of C.M.M.

*Amanita ristichii*, named after the person who inspired this foray, is an uncommon and uncommonly beautiful mushroom with a delicate pink or orange-pink tint to its gills. Its gills, plus its white pileus with a striate margin, partial veil that is sometimes evanescent and membranous volva, distinguish it from other Amanitas. Uncommonly, the basidia are two spored. Above see a color photo from the Amanita Studies Web Site, and a sketch drawn by Louise Rocheleau ("Le Mycologue", Le Cercle des Mycologues de Montreal).

This mushroom's uncommon beauty caught Sam's attention early on. He researched the *Amanita*, looking for a name, and when he could not identify it, he sent it off to Rod Tulloss, *Amanita* researcher extraordinaire. Rod reported back that though it had been described by L.C.C. Krieger in 1906, it had never been named. In 1988 he described it and named it in honor of Samuel S. Ristich, the guru of Sligo Road.

Not common and perhaps overlooked, it has been found in Maine, New Hampshire and Quebec in July and August. Look for it in sandy soils, perhaps along rivers, under dominant forest trees such as eastern hemlock, red maple, eastern white pine, trembling aspen and Norway spruce.

## General Information

### Mushroom Art Show

You are invited to hang your mushroom art work on the walls of the gym in Lengyel Hall. No judges, no prizes, no sales; just bring whatever you think others would like to see. You will need some form of hook on the back of your art to hang it. Thursday from 1pm to 10pm - art work put up. Sunday from 7am to 11am - artwork taken down. The gym will be locked 10pm to 7am each night.

### Meals

All meals, except the banquet, will be served in York Commons Cafeteria. For the banquet, please bring your meal tickets indicating the entree and dessert you have chosen to the banquet. Switching banquet entrees will not be possible at the banquet.

### Room keys

The residence registration desk will give you an electronic room key that will open the outside doors to the residences and to your specific room. Do NOT lose your room key. There is a \$44 charge for replacing room keys (which you will be responsible for). Please remember to turn in your room key when you check out.

### Liquor Consumption and Smoking

People of the legal age (21 years) for alcohol consumption may consume alcohol in their private room or in a room designated for the evening socials and banquet. Alcohol may not be consumed in any other common area at any other time. Smoking is not permitted within any building on campus. Smoking is allowed outside, 20 ft away from doors.

### Internet and Email

Public computer clusters for checking email or the internet are available on the ground floor level of Fogler Library (designated computers only) or the lowest level of the Memorial Union building.

### Parking permits and transportation around campus

All vehicles must be parked in designated parking spaces and display a University parking permit obtained at the registration desk. If necessary, you can drive your car between buildings on campus. Most venues are within a 2 minute walk on campus.

### Vendors

Vendors of mycological goods are located in Lengyel Hall, in the class room beside the gym. Maine souvenirs can be found in the bookstore in the lower level of the Memorial Union.

### Emergency contact information

Days and Evenings - 7am to 10pm - 207-745-7031 - Seanna Annis's cell phone  
Nights - 10pm to 7am - 207-581-4040 - Campus police dispatch

# 13<sup>th</sup> Annual Sam Ristich Northeastern Mycological Foray

## Program Schedule

### Thursday, August 9

- 1pm to 5pm - **Registration** - Kennebec Hall lobby
- 2:30pm to 4pm - **Foray #1** Car pooling - Meet in parking lot beside York Commons (see foray schedule)
- 4:30pm to 5:30pm - **Mycologists' meeting** - Lengyel Hall in microscope room
- 5pm to 6:30pm - **Dinner** - York Commons cafeteria
- 6:45pm to 7pm - **Welcome to Maine** - Nutting Hall Rm. 100
- 7pm to 8pm - **Maine ecology** - **Bill Glanz** - Nutting Hall Rm. 100
- 8pm to 10pm - **Social** - Kennebec Hall Lobby

### Friday, August 10

#### Friday Morning

- 7am to 8:30am - **Breakfast** - York Commons cafeteria
- 8:15am to 8:45am - **Departures of morning and all day forays** - in parking lot beside York Commons (see foray schedule)
- 9:30am to 11am - **Coffee/tea** - available in Deering Hall Rm. 101C and Lengyel Hall

#### Workshops

- 8:30am to 11:30am - **"Learning about *Amanita* from the Internet."** - **Rod Tulloss** - D.P. Corbett Hall Rm. 111 - Limit 15 participants must register. This interactive computer workshop, suitable for beginners and advanced participants, will introduce attendees to the multiple uses of the *Amanita* Studies Web Site. A critical review of the handling of *Amanita* by popular mycological websites will be conducted, possibly demonstrating how information becomes distorted as it moves through cyberspace. A CD of images of *Amanitas* organized in a Power Point presentation will be available for \$10. Computers will be provided.

#### Talks

- 8:30am - 9:30am - **"Medicinal Mushrooms of Maine; an Introduction to History, Uses and Potential"** - **Greg Marley** - Deering Hall Rm. 113. This talk will delve into the history and traditions of medicinal mushrooms used worldwide, research supporting the medicinal value of mushrooms, and the current status of research, use and clinical trials in this country.
- 9:40am to 10:40am - **"Seasonal Occurrence of Edibles"** - **Michaeline Mulvey** - Deering Hall Rm. 113. A beginner's guide to when and where to find edible mushrooms culled from 20 years of observation.
- 11:30am to 1pm - **Lunch** - York Commons cafeteria

#### Friday Afternoon

- 1:00pm-1:30pm - **Departures of afternoon forays** in parking lot beside York Commons (see foray schedule)
- 2pm to 4pm - **Coffee/tea** - available in Deering Hall Rm. 101C and Lengyel Hall

#### Workshops

- 1pm to 3pm - **"Mushroom Photography"** - **John Plischke III** - Deering Hall Rm. 201 - Limit 30 pre-registration required. Lecture and field workshop discussing both digital and film photography including equipment, setup and Adobe Photoshop processing of images. A 35 page handout will be provided. Bring your camera!
- 1pm to 4pm - **"Beginning and Intermediate Microscopy"** - **Laurie Leonard** - Deering Hall Rm. 101A - Limit 12 pre-registration required. We will delve into the microscopic anatomy of fungi by looking at spores, basidia, asci, cystidia, gill hyphal arrangement and how this has been important in fungi identification.

#### Talks

- 1pm to 2pm - **"Fungal Sex"** - **Seanna Annis** - Deering Hall Rm. 113 - An overview of fungal sex and how Imperfect fungi get away with not getting any and how one fungus can have multiple asexual forms.
- 2:10pm to 3:10pm - **"Non-Gilled Fungi"** - **Walter Sturgeon** - Deering Hall Rm. 113. This talk will look at the beauty, ecology, folklore, mycophagy, and identification of some non-gilled fungi except boletes. This will appeal to beginning, intermediate and advanced mycologists.
- 3:20pm to 4:20pm - **"Uncommon Backyard Macrofungi"** - **Rich Balsley** - Deering Hall Rm. 113 An update of a long-term study of macrofungi in one acre of old-growth deciduous forest, Oakmoss Mycological Preserve, in central New Jersey.

3pm to 4pm - **Display table talks** - Lengyel Hall gym - Faculty TBA.

5pm to 6pm - **Dinner** - York Commons cafeteria

#### **Friday Evening**

6:15pm to 7:30pm - **Tribute and Roast of Sam Ristich** - Nutting Hall Rm. 100

7:30pm to 8pm - **Summary and Awards for day's finds** - Nutting Hall Rm. 100

8pm to 10pm - **Mycophagy** - Kennebec Hall Lobby  
- **Social with slides of past forays** - Sandy and Jerry Sheine

### **Saturday, August 11**

#### **Saturday morning**

7am to 8:30am - **Breakfast** - York Commons Cafeteria

8am - **Group photo of faculty** - photographer Jerry Sheine - outside Kennebec Hall

8:15am to 8:30am - **Departures of morning and all day forays** in parking lot beside York Commons (see foray schedule)

9:30am to 11am - **Coffee/tea** - available in Deering Hall Rm. 101C and Lengyel Hall

#### **Workshops**

8:30am to 9:45am - **"Phylogeny of Mushroom-forming Fungi" -- P. Brandon Matheny** - Deering Hall Rm 201 - Limit 25 pre-registration required. This is an interactive workshop demonstrating the surprising evolutionary relationships among the fungi. Fresh specimens will be sorted on a large evolutionary tree to illustrate the dynamics of the evolution of some gross morphological traits, but reinforce the continuity of others. Participants are asked to bring fresh specimens for sorting.

9am to 11am - **"Zoospore Fungi - a foray at the microscopic scale" - Joyce Longcore** - Deering Hall Rm. 101A - Limit 12 pre-registration required Chytrids are microscopic fungi with swimming zoospores and are ubiquitous in the environment. We will use compound microscopes to find these fascinating organisms. Expect to also see protozoans, algae, and water molds.

#### **Talks**

8:30am to 9:30am - **"Tricholomas Revisited and Some Old Species Reassessed" - Ed Bosman** - Deering Hall Rm. 113

9:40am to 10:40am - **"An Introduction to Lichens for Mycologists" - Jim Hinds** - Deering Hall Rm. 113 A brief survey of lichens for amateur and professional mycologists and highlights of research on the lichens of Mt. Katadhin. Discussion of the changes in numbers and distribution of macrolichens in New England during the last 100 years.

10:50pm to 11:50pm - **"Eastern Boletes" -- Leon Shernoff** - Deering Hall Rm. 113. An extensive photographic survey of the eastern boletes. This survey is in conjunction with an article on eastern boletes recently published in *Mushroom, The Journal of Wild Mushrooming*, and will feature additional unpublished photos.

11:30am to 1pm - **Lunch** - York Commons cafeteria

#### **Saturday Afternoon**

1pm - **Departures of afternoon forays** - in parking lot beside York Commons (see foray schedule)

2pm to 4pm - **Coffee/tea** - available in Deering Hall Rm. 101C and Lengyel Hall

#### **Workshops**

1pm to 2:15pm - **"Phylogeny of Mushroom-forming Fungi" - P. Brandon Matheny** - Deering Hall Rm. 201 - Limit 25 pre-registration required - display available 2:30pm - 5pm Deering Hall Rm. 201. Please see description for early workshop at 8:30am.

1pm to 4pm - **"Ascomycetes, an Update" - Roz Lowen** - Deering Hall Rm. 101A - Limit 18 pre-registration required An introduction into the study of ascomycetes and an update on recent taxonomic discoveries. We will use microscopes to examine features of dried material and anything that we collect at the foray.

#### **Talks**

1pm to 2pm - **"Killer fungi" - Seanna Annis** - Deering Hall Rm. 113 How do fungi attack and kill plants or animals?

2:10pm to 3:10pm - **"Observations of Southeastern Mushrooms by a recent Émigré" - David Porter** - Deering Hall Rm. 113

3:20pm to 4:20pm - **"The NEMF Database" - Gene Yetter** - Lengyel Hall gym. Gene will discuss NEMF taxonomy and introduce forayers to the database and the nemfdata.org Web Site.

- 3pm to 4pm - NEMF Trustees' Meeting - Deering Hall Rm. 101C
- 3pm to 4pm - Display table talks in Lengyel Hall gym - Faculty TBA.

**Saturday evening**

- 5:30pm to 7:00pm - Banquet - Stodder Hall
- 7pm to 7:30pm - Awards for the day's finds - Stodder Hall  
 - *Polyozellus multiplex* award  
 - *Amanita ristichii* award
- 7:30pm to 8:30pm - Talk "Gliese 581c" - Gary Lincoff - Stodder Hall
- 8:30pm to 10:30pm - Social - Kennebec Hall Lobby

**Sunday, August 12**

- 7am to 8:30am - Breakfast - York Commons cafeteria
- 9am to 10am - Last look at display tables - Lengyel Hall gym
- 9am to 1pm - Checkout

**NEMF 2007 - Foray Schedules and Descriptions**

**Thursday, August 9 - Afternoon**

**# 1 - Thursday, 2:30pm - 4:00pm - Marsh Island Natural area, Orono, Penobscot County.** 5 min. ride. Carpool.

Owned by the Orono Land Trust, it has an upland forest section with large hemlock and spruce intermingled with oak, birch and beech. Vinal Stream runs through it, and there are lots of wet areas through out the woods. It has easy trails and an old logging road with a slight, but not difficult hill.

Leader: Cheryl St. Pierre

Walk #2 can be done anytime Friday or Saturday. Forayers may go any time they desire, ALL FORAYERS MUST SIGN SHEET WHEN GOING ON THIS FORAY.

**# 2 - University Forest, Orono, Penobscot County;** Transportation by foot or carpool. A 2000 acre forest located adjacent to campus. It has excellent trails with easy walking. Mixed hardwood/conifer forest with conifer predominant. Oaks, birch, maple, hemlock, spruce, and fir. Some lower, moist areas with fir and spruce. Bordered by an open grassy area.

**Friday, August 10- Morning and all day**

**# 3 - Friday, 8:15am - 3:30pm - Sears Island, Searsport, Waldo County.** Approx. 1 hour bus ride. All day trip.

A 900 acre island in Penobscot Bay that is the largest undeveloped island on the whole eastern seaboard. It has easy walking with a few slopes along some of the shoreline. The east side of the island is an open deciduous forest with many great old oaks, mixed with some poplar, beech and maple. The west side has a very nice mix of conifers (hemlock, fir, spruce, occasional pine) and hardwoods (oak, birch, beech, poplar). There is a lowland area with hackmatack as well. There is an interior road with deep ditches. There are some open fields in the interior. Nice, cobble beaches surround the island and swimming is an option. Great views.

Leader: Kendra Bavor

**# 4 - Friday, 8:15am - 11:30am - Leonard's Mills, Bradley, Penobscot County.** 15 min. bus ride.

This is the site of an old lumber mill which is now a museum. Its 150-200 acres have a mixed hardwood forest on the east side and on the southwest, a more conifer dominant forest with deep, mossy ground cover and a few moist spots. There are open grassy areas along the edge of the forest. The mill is on Blackman Stream and has a mostly level perimeter trail. The area is surrounded by 1500 acres that the University's forestry depts. use for experimental forestry projects. The mill's outside museum is surrounded by trees and grass and will be open for a self guided tour of early era lumbering life.

Leader: Peter Bohman.

Public Safety/Emergency: 581-4040  
 University Operators: 581-1110  
 Conference Services: 581-4092

**NEMF**  
**AUGUST 9-12, 2007**

**PARKING NOTICE**  
 Conference participants must park by permit and use Commuter/Black (C) parking lots or Resident Red (R) lots. Permits were provided in advance, or can be obtained at the Public Safety Office when entering campus.  
**NOTE:** Cars illegally parked in handicapped spaces, fire lanes will be fined and towed immediately.

**2007 Campus Map**



- (P)** VISITOR permits authorize parking in any black lot or visitor space
- (C)** Black Permit Lot
- (R)** Red Permit Lot

Signs governing site site precedence over all signs and permits

**D.P. Corbett Friday Amanita Workshop**

**Nutting Hall Lecture room**

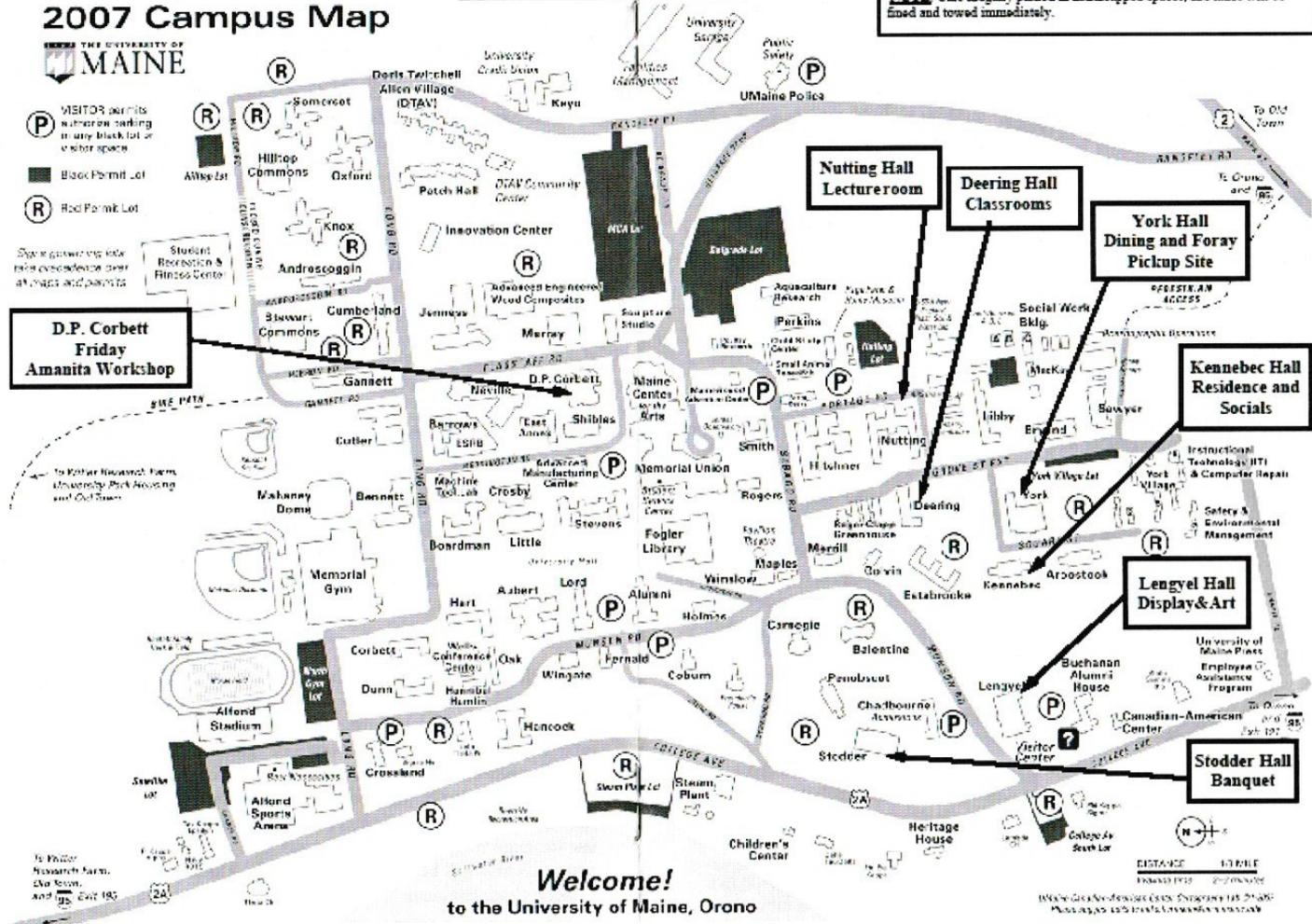
**Deering Hall Classrooms**

**York Hall Dining and Foray Pickup Site**

**Kennebec Hall Residence and Socials**

**Lengyel Hall Display & Art**

**Stodder Hall Banquet**



**Welcome!**  
 to the University of Maine, Orono

DISTANCE TO ORONO  
 10 MILE  
 16 KILOMETERS

**# 5 - Friday, 8:15am - 12:00pm - Howland Forest, Howland, Penobscot County.** 40 min. bus ride

This research forest is a 500 acre lowland spruce forest that is unique for 2 reasons. First, the forest is a remnant, late successional forest (>140 yrs. old) in an area where most trees have been cut for timber in the last 40 years. Since 1984, it has hosted a series of climate change research projects including the oldest, continuous carbon-flux research site in the world. The large trees, carpet of mosses, pit and mound topography and lots of large woody debris makes it a prime mushroom site. The forest is slated for "timber management" in 2008, and the visit by NEMF members will help broaden the base of support for its long term conservation. The terrain is flat but uneven.

Leader: Rick Van de Poll, Mycologist, assisted by Bryan Dail and Holly Hughes, UM.

**# 6 - Friday, 8:45am - 11:00am - Prentiss Woods, Bangor, Penobscot County.** 15-20 min. Carpool.

Owned by the City of Bangor, the terrain is level with well marked and maintained trails. This is ideal for someone who would like a short foray. Large hemlocks and pines and sections mixed with beech and birch. Three seasonal streamlets ribbon through the area and there are a few pit and mound moist areas.

Leader: Gary Marshall

#### **Friday - Afternoon**

**# 7 - Friday, 1:30pm - 4:00pm - Caribou Bog Trail and Hsu Land Trust, Orono, Penobscot County.** 10 min. bus ride.

The bog trail is level and well marked. This is the only extensive bog with a black spruce canopy and lots of lichens and various mosses under foot. It will, at the least, be moist but is definitely passable no matter how the weather has been. Boots may be advisable.

The other option of this walk is located directly across the road. The Hsu trail is owned by the Orono Land Trust, is well maintained and fairly level. It is not wet like the bog trail but still has some moist areas with fir, spruce, birch and maple and higher spots with larger birch, poplar, pine and cedar.

Leader: Bill Koebler

**# 8 - Friday, 1:00pm - 3:00pm - Jeremiah Colburn Natural Area, Orono, Penobscot County.** 10 min. bus ride.

Well kept trails with some gentle slopes and lower lands with mixed conifers, poplars and birch. One section has red pine and white pine plantations. The area is varied in habitat and trees. Please respect the privacy of the homeowners in the area.

Leader: Ellen Klain

#### **Saturday, August 11 - Morning and all day**

**# 9 - Saturday, 8:15am - 4:00pm - Great Pond Mountain, East Orland, Hancock County.** 1 hour bus ride, all day trip.

A predominantly hardwood forest with beech, oak, birch, maple mixed with large hemlock and spruce. A good 1 mile trail to the exposed summit with a 900 foot elevation gain. There you will have a nice view of Cadillac Mtn. in Acadia National Park and Alamoosook Lake and Toddy Pond. There is a brook on the side of the road to the head trail.

The lower land to the head trail is only slightly sloped, has the same type of forest and is easy walking. There is a National Atlantic Salmon Fish Hatchery at the site where a self guided tour is possible and swimming and fishing in either of the ponds are also options.

Leader: Michaeline Mulvey

**# 10 - Saturday, 8:15am - 12:00pm - Bald Mountain, Dedham, Hancock County.** 40 min. bus ride

A little longer ride but offers a different terrain. Formerly a ski area, it has an exposed 1/2 mile trail to the summit with an elevation gain of 500 Ft. Another trail runs diagonally across the mountain, is well forested, and is sloped on both sides. It has both old and young growth of mixed trees such as oak, beech, poplar, birch, hemlock, spruce, pine and a few hachmatack. It is said that the area has calcareous soil which is unusual for this part of the state. Easy to moderate walking with good views and the possibility of finding ripe blueberries.

Leader: Greg Marley

**# 11 - Saturday, 8:30am - 11:30am - Sklar Park, Orono, Penobscot County.** 10 min. bus ride

Well maintained by the Orono Land Trust with easy walking trails. Mostly an upland wooded area with a nice mix of oak, birch, beech and big pines and hemlock. There is also an active stream. Please respect the privacy of the homeowners in this area.

Leader: Alma Homola

#### **Saturday - Afternoon**

**#12 - Saturday, 1:00pm - 3:30pm - Jim Hinds' Woods, Orono, Penobscot County.** 10 min. bus ride.

Owned by the Orono Land Trust and the University's Lichenologist, Jim Hinds. Jim will lead a lichen walk which will augment his morning lecture and allow you to observe several different species in a living environment. (Jim requests that lichens NOT be collected). Mushroomers attending this walk will be free to foray and collect fungi on their own. The property has a small upland area of oak, birch, beech, ash, and maple. It also has lower lands with fir, spruce, pine with occasional maples and birches mixed in. Some of the trees are over 125 years old. There is a marsh and surrounding wetland as well as a beaver pond. The terrain is flat with trails and easy walking.

Leader: Jim Hinds, Lichenologist.

**# 13 - Saturday, 1:00pm - 3:15pm - Logan Road, Demeritt Forest, Orono, Penobscot County.** 10 min. bus ride

This is a section of the University forest with very easy trails. Adjacent to the road there is an almost exclusively oak forest on a swath of land 200 to 250 feet wide and approximately 1/2 mile long running along the banks of the Stillwater River. On the other side of the road is a great mix of hardwoods and conifers. One section has some of the oldest growth of pine and hemlock in the area.

Leader: Cheryl St. Pierre

## Faculty Biographies

### Seanna Annis

Seanna has been interested in fungi, particularly the killer fungi, since her undergraduate days. She has studied fungi that attack plants and animals and is currently interested in fungal pathogens of wild blueberries. She teaches mycology and is the Associate Professor of Mycology at the University of Maine.

### Richard Balsley

Rich is a retired organic chemist and avid amateur mycologist from New Jersey. He is a long-time member of NJMA and NAMA, and is the self-appointed curator of the Oakmoss Mycological Preserve, his name for the amazing acre of old-growth oak forest where he and his wife live. Rich has recruited a very diverse team of mycologists to help identify some of more than a thousand different species collected at OMP so far, including *Genea balsleyi*.

### Edward Bosman

Ed has studied mycology for more than 30 years. A charter member of the NJMA, he also founded the CVMS and was a co-founder of the NEMF. Beside leading field trips and lecturing, Ed has developed keys for the identification of species in the genera, *Tricholoma*, *Lactarius* and *Agaricus*. An article he wrote on the rare species, *Wynnea sparassoides*, appeared in the NAMA journal, *McIlvania*. Ed is a two-time recipient of the NEMF "Eximia" Award, and he was recognized by NAMA in 1995 for his contributions to amateur mycology. He also consults with the Connecticut Poison Control on mushroom poisoning cases.

### Bill Glanz

Bill Glanz is an ecologist at the University of Maine, Orono. His research examines aspects of the ecology, evolution and behavior of mammals and birds. Current projects involve habitat selection and species interactions of rain-forest mammals in Panama, zoogeographic determinants of community structure among neotropical mammals, seed storage and territorial defense by tree squirrels, and foraging decisions and patch selection by chickadees. He teaches a variety of ecology courses at the university including "Natural Field History of Maine".

### Jim Hinds

Jim was born and raised in Maine, attended Williams College and Harvard University, and in 1968 obtained his Ph.D. in Neuroanatomy. After 15 years of research in developmental neurobiology and teaching at Boston University School of Medicine, Jim decided it was time for a less frenetic lifestyle in a more lichen-friendly location. He and his wife Pat and son Christopher moved to Orono, Maine, where he found work as a CPA in Bangor, and continued his study of lichens begun in 1969. He and Pat have recently completed a book, *The Macrolichens of New England*, to be published this fall by the New York Botanical Garden Press.

### Lawrence Leonard

<mailto:lleonar1@maine.rr.com>, Laurie is a semi-retired orthopedic surgeon and amateur mycologist; stimulated by Sam Ristich to try to show the beauty and intricacies of fungi and their microscopic anatomy.

### Gary Lincoff, Principal Mycologist

Gary is the author of numerous mushroom books including: *The National Audubon Society Field Guide to North American Mushrooms*, *Simon & Schuster's Guide to Mushrooms* and co-author of *Toxic and hallucinogenic mushroom poisoning: A handbook for physicians and mushroom hunters*, *Wild Mushrooms of Telluride*, *Eyewitness Guide to Mushrooms*, and *DK's The Mushroom Book*. He has collected fungi and led mushroom study tours around the world and is the past president of the NAMA.

### Joyce Longcore

Joyce Longcore is a research associate professor at the University of Maine, where she has isolated and studied chytrids since the mid 1980's.

### Rosalind Lowen

Roz is a retired mycologist who was an honorary research assistant at the New York Botanical Garden. Her doctoral research was on the ascomycete genus *Nectriella*. Among her interests are ascomycetes that occur on lichens, mold that occurs in buildings and, most recently, ascomycetes found in New Hampshire. She has given lectures on ascomycetes and general mycology to groups interested in fungi and nature, and taught courses at Eagle Hill with Laurie Leonard, and now also with Ed Bosman, for the last 3 years. She has written about 2 dozen publications on ascomycetes.

### Greg Marley

Greg has had a passion for mushrooms for the last 35 years. He has organized and led public walks and classes on mushroom identification and cultivation, and he is a consultant to the Northern New England Poison Control Center. For the past 6 years, Marley has reviewed research on medicinal mushrooms and has now formed the company Mushrooms for Health to provide education and health-promoting products made with Maine medicinal mushrooms.

### P. Brandon Matheny

Brandon is a mushroom systematist and Post-Doctoral Fellow at Clark University in Worcester, Massachusetts. Brandon has produced multigene phylogenies of the Basidiomycota and Agaricales in attempts to clarify the evolutionary relationships of mushrooms and their allies. He is a taxonomic expert on the family Inocybaceae.

### Michaeline Mulvey

Entranced by their ephemeral nature, Michaeline has been studying mushrooms for decades. Frustrated by remembering where, but not when morels fruited in Maine she began keeping records more than two decades ago. Each year Michaeline compiles a chart illustrating the fruiting times of about 30 common edible mushrooms, referenced with weekly rainfall totals.

**John Plischke III**

John is a founding member, walk and foray chairman, club mycologist and has been awarded the Distinguished Service Award of the Western Pennsylvania Mushroom Club. He is a trustee of both NAMA and NEMF, and NAMA has awarded John the prestigious Harry and Elsie Knighton Award. John is Chairman of the NAMA Photography Committee, and has won over 75 national and regional awards for his mushroom photography. He is also Chairman of the Fungus Section of the PA Biological Survey.

**David Porter**

David, recently retired from the University of Georgia, has been observing and photographing southeastern mushrooms for several years. He has recently retired to Blue Hill, ME where he is now making a study of northeastern fungi.

**Leon Shernoff**

Leon Shernoff is in his fourth year as editor of the internationally distributed magazine "Mushroom, the Journal of Wild Mushrooming", the only American magazine dedicated to the hunting of wild mushrooms. His columns on wild mushrooms have appeared in *The Wild Foods Network* and *Mycophile*, the newsletter of NAMA. He has given mushroom talks and identified mushrooms for forays in Oregon, Washington, California, Missouri, Minnesota, New York, Connecticut and Illinois, and has just finished a stint as president of the Illinois Mycological Association.

**Walt Sturgeon**

Walt is a winner of NAMA's Award for Contribution to Amateur Mycology and NEMF's Friend of The Amateur Award. He is a nationally recognized field mycologist, author, and award winning photographer.

**Rodham Tulloss**

Rod has studied the genus *Amanita* for nearly 30 years, particularly the morphology, and has collaborated with several labs doing molecular studies on the genus. He co-edits the *Amanita Studies* website (<http://eticomm.net/~ret/amanita/mainaman.html>) with Dr. Zhu L. Yang (Kunming Inst. of Botany, Academia Sinica, Yunnan Prov., China).

**Gene Yetter**

Gene has been active in NEMF since 1981, and is currently the NEMF database manager. The database, more than 30 years old, is accessible at [www.nemfdata.org](http://www.nemfdata.org). Gene is collaborating with members of the NJMA to survey species at a forest preserve in Greenville, N.Y. He is also a volunteer herbarium assistant at the New York Botanical Garden where he is databasing and imaging the *Russula* and *Inocybe* collections of deceased NEMF pioneer, Ray Fatto. The Fatto collection is accessible online at [www.nybg.org/science2/hcol/rmfatto/fatto.asp](http://www.nybg.org/science2/hcol/rmfatto/fatto.asp).

**NEMF 2007 - Non-Mycophile Options****Friday, August 10<sup>th</sup> - Scheduled events or trips**

**Leonard's Mills** - 8:15am - 11:30am - Take the bus for walk # 4. Approx. 2 ½ hour visit.

A living history site which gives you a glimpse into early lumbering and logging operations on the Penobscot river. There is also information on the living conditions of that period. Interesting, pretty area including a covered bridge, nice for a leisurely stroll. Outdoor self-guided tour.

**Town of Belfast** on West Penobscot Bay - 8:15am to 3:00pm - Take the bus for walk #3. It is a 20 minute ride from Sears Island and you will have approx. 3 ¾ hours to explore.

Approx. 25 minute ride from Sears Island to Belfast. Approx. 3 ½ to 4 hour visit. Many antique shops, art galleries, book store, crafts, clothing, housewares, and other stores. Harbor pier with views of the Bay. You will be dropped off at the public dock area on scenic Belfast Bay. The city is a good walking town with a gradual hill. There are plenty of stores to shop in, restaurants and boasts of 20 quality art galleries.

**Saturday, August 11<sup>th</sup> - Scheduled events or trips**

**Orono Farmer's market** - 8am to 1pm - University Steam plant parking lot (see campus map)

Local produce, including wild blueberries, jams, baked goods, maple syrup.

**National Atlantic Salmon Fishery** - 8:15am - 4:00pm - Take bus for walk #9. Approx. 5 1/2 hour visit

This is a self-guided tour. There are areas for picnicking and hiking with great views of Cadillac Mountain in Acadia National Park, swimming and fishing in adjacent Alamoosook Lake, Toddy Pond and Craig Ponds. Bathroom facilities and water fountains on the premises.

**Bar Harbor** - 8:15am - 4:00pm - Take bus for walk #9. Approx. 40 minute ride from the fish hatchery to Bar Harbor. Approx. 3 1/2 hour visit.

Plenty of shopping in unique boutiques, antique stores, art galleries and more. You can take a stroll through downtown to a pier on the ocean.

**Any time:**

**Downtown Orono** – a short 10 min. walk down the hill and across the bridge from the university. Many restaurants, a pharmacy, and a variety of stores including gifts, scrap-booking, fiber arts, jewelry, fine clothing and a natural foods store.

**Downtown Bangor** – 15 minute drive or you can take the "BAT" bus – see Kennebec residence desk for map. A wide variety of stores, including antique mall, gifts, clothing and house wares, Maine artisans, outdoor gear and clothing. Also a wide variety of restaurants.

**Kayaking/canoeing** on the Penobscot and Stillwater Rivers, boat launch off of the Steam plant parking lot (see campus map).

**Hiking and biking** in the University's recreational forest (see campus map). It has miles of excellent trails. It is immediately adjacent to the campus so there isn't a need to drive to it. Detailed trail maps available.

### Acknowledgements

#### 2007 Foray Organizing Committee

General Manager and Program Chair	Seanna Annis
Registration	Marie Murray and Marcia Leonard
Faculty Chair program	Hal Bonner and Eric von Magnus
Foray organizer	Cheryl St. Pierre
Mycological Exhibits Chair	Kendra Bavor and Walter Rode
Collection Sorting Supervisor	Sam Ristich (honorary)
Database Manager	Gene Yetter
Recorder	Dorothy Smullen
Socials, awards, mycophagy	Michaeline Mulvey and Greg Marley
Art Display / Logo	Martha Gottlieb
Foray Sales manager	Andrew Norton
Facility Cleanup manager	Peter Bohman
Program Booklet	Anne Rugh

#### NEMF Executive Committee

President	Connie Borodenko
Treasurer	Ralph Cox
Secretary	Jean-Pierre Dion

### *Polyozellus multiplex* Treasure Hunt!

An award will be given to the best collection with the best documentation, to be determined by a committee of mycologists. Please use only your initials to identify your collection. Good Luck!

*Polyozellus multiplex*, once thought to be one of the *Cantharellus*, is now thought to be more closely related to the thelephoraceous fungi, because its spores are angular and tuberculate and because of the presence of thelephoric acid. Brandon Mathaney may have even another opinion. Perhaps one will be found in time for his workshops on Saturday!

*Polyozellus multiplex* does look like a clustered blue chanterelle (name per Lincoff) with its cespitose habit, centrally depressed cap, wavy, irregular cap margin and veined, wrinkled fertile surface. A deep violet-blue, it will be instantly recognizable to those who see it. Refer to the foray logo on the front for a stylized depiction.

*Polyozellus* was first collected in Aug. 1898 in Seal Harbor, Mount Desert Island, Maine, and has since been found in several dispersed locations in Maine. Dr. Richard Homola found it in a location "near the Penobscot". More collections, all from northern and montane areas, have been made across North America in the last 100 years. It is a dark mushroom, found in dark places in the conifer forests of hemlock, pine, spruce and fir from late July into early September.

David Arora reports that it is edible and some find it delicious but he found it far inferior to *Craterellus*. In Maine most collections have a distinct smoky fragrance, that of Lapsang souchong tea or, more unkindly, that of burning tires.