

MUHLENBERG
COLLEGE

2400 Chew Street
Allentown, PA 18104-5506

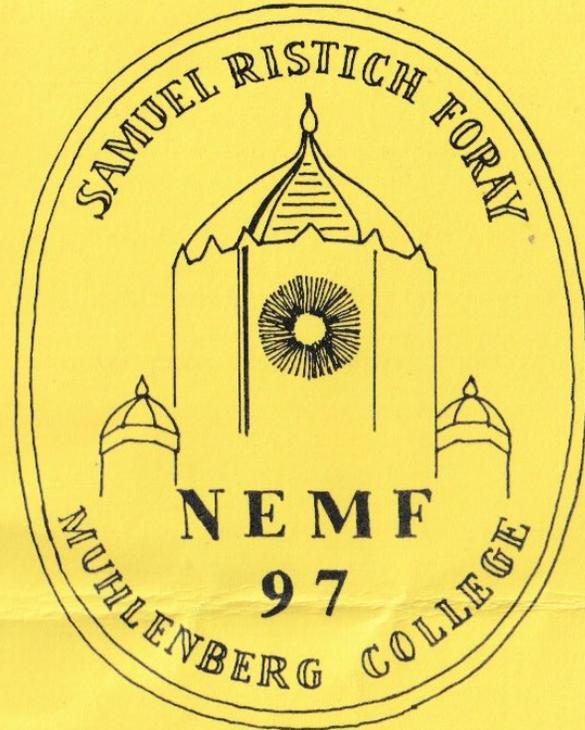
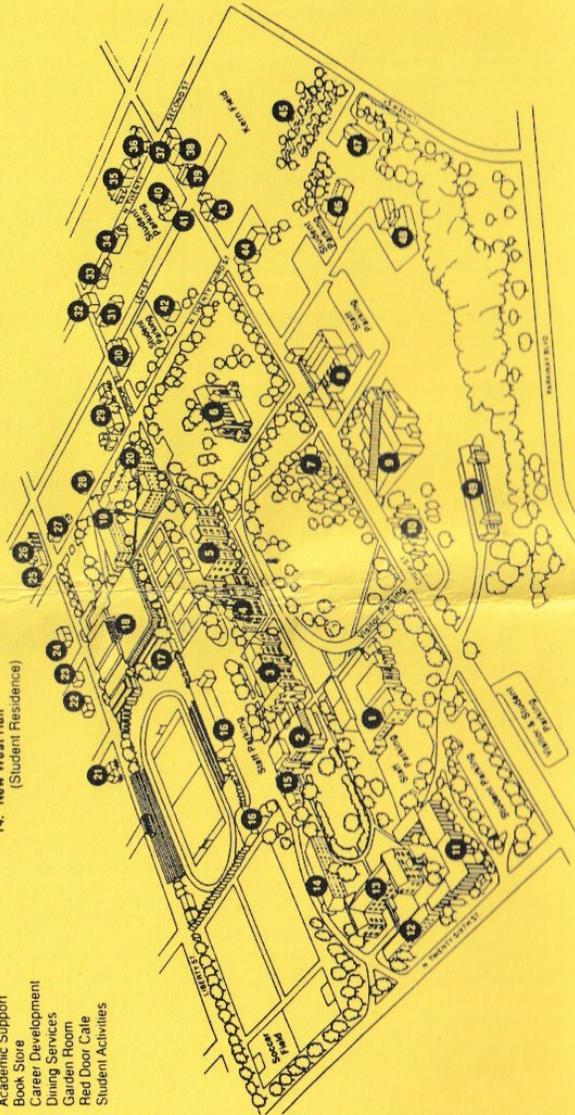
1. Seegers Union
Academic Support
Book Store
Career Development
Dining Services
Garden Room
Red Door Cafe
Student Activities

2. Shantweiler
Biology
3. Trumbower
Chemistry
Mathematics
Physics

14. New West Hall
(Student Residence)

18. Life Sports Center
Athletic Offices
Field House
Memorial Hall
19. Martin Luther Hall
(Student Residence)
The Underground

45. MacGregor Village
(Student Residence)
49. Bentler
(Student Residence)



THE 1997 Samuel Ristich Foray

**NorthEast Mycological Federation
July 31 to August 3, 1997
Muhlenberg College, Allentown, Pennsylvania**

**Hosted By
The New Jersey Mycological Association (NJMA)**

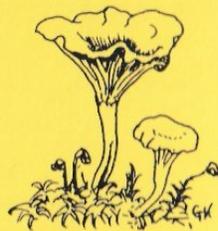
**Principal Mycologist - Dr. Alan E. Bessette
N.J. Host Mycologist - Dr. Rodham E. Tulloss**

COMMITTEES

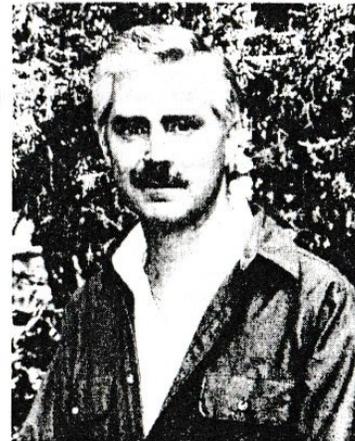
1997 NEMF Officers

Dorothy Smullen, President John Dugué, Treasurer
Barbara McCorison, Vice President Joe Lenoce, Secretary

Audio-visual	Paul Meyer
Awards	Marthe Ayers
Display	Connie Borodenko, Ed Bosman, Walt Rode
Clean- Up Facility	Al Walker Dorothy Smullen, Susan Hopkins
Forays	Jon Dale
Logo Design	Bernice Fatto
Mycophagy	Bob Hosh
Name Tags	Harley Stoleson
Premium Printing	Barbara and David Plume Susan Hopkins, Dorothy Smullen
Program	David Fischer (initially), Dorothy Smullen
Recording	Gene Yetter, Anna Gerenday, Dorothy Smullen
Registration	Alex Adams and Carol Titus
Socials	Tamara and Ed Homer
Sorting	June Johnston, Sandy Sheine, Susan Hopkins
Vendors/Sales	Marie Heerkens



The NEMF forays are named in honor of DR. SAMUEL S. RISTICHI who has inspired us all with his energy, enthusiasm and love for mycology. Sam received his Ph. D. in Botany and Entomology from Cornell University and since that time served the Univ. of New Hampshire, Ohio State, the New York Botanical Gardens, Boyce Thompson Institute and E. R. Squibb. He has given countless lectures to mycological clubs and has served as a featured writer for *Mushroom, The Journal of Wild Mushrooming*. Sam has been involved with NEMF since its inception in 1975, and has delighted us with slime mold stories, entomological connections, spore print art and an ever-present desire to help. *We love you, Sam!*



DR. ALAN E. BESSETTE is well known for his warm personality and expertise in mushroom identification. Professor of biology at Utica College of Syracuse University, Alan earned his Ph. D. under Dr. Dick Homola at the University of Maine. He lectures widely and has attended numerous NEMF and NAMA forays. Alan is author or co-author of many mushroom books, including *Edible Wild Mushrooms of North America*; *Mushrooms: A Brief Reference Guide*; *Mushrooms of the Adirondacks*; *Mushrooms of North America in Color: A Field Guide Companion to Seldom-illustrated Fungi* and available in 1997, *Mushrooms of Northeastern North America*.

ROD TULLOSS has been studying the genus *Amanita* for nearly 20 years and has published numerous articles on it. In recent years he has been trying to get a better understanding of the species named long ago and far away. In order to do this, he travels to herbaria in Europe. His recent collecting has taken him out of the northeast to Arizona, central Mexico, southern France, and Costa Rica.



FACULTY

DOUGLAS E. BASSETT serves as Staff Naturalist for Letchworth State Park in Castile, N.Y. Douglas is a master at identifying polypores and other wood decay fungi, and he also knows just about anything you are likely to encounter when exploring nature.

ARLEEN F. BESSETTE is a knowledgeable amateur mycologist, an award winning mushroom photographer, and a master of the art of turning wild mushrooms into culinary masterpieces. Arleen is co-author of *Taming the Wild Mushroom*.

ERNST E. BOTH is Curator Emeritus of Mycology at the Buffalo Museum of Science. In 1993 the Museum published his book *The Boletes of North America: A Compendium*. The museum holds Ernst's 4,000 specimen herbarium of boletes.

BERNICE FATTO is secretary and member of the Garden State Watercolor Society. She has painted many award-winning watercolors, and is an illustrator for NJMA News. Bernice created the "Color Me" feature of that newsletter.

RAY FATTO is an expert on *Russula*. He co-authored *The Genus Russula in North-eastern North America*. Ray received the 1996 NAMA award for contributions to amateur mycology. He has had an article in *McIlvainia*, and has described two new species with Alan Bessette in the genera *Calistosporium* and *Inocybe*.

GLENN FREEMAN is a research scientist with the New Jersey Dept. of Agriculture. He has conducted many successful microscope workshops for NJMA. Ask for his help in identifying those small wood rotting fungi and molds.

KATHIE HODGE is a plant pathologist with the Federal Nutrition Lab at Cornell University. You recently read about her work in a *New York Times* article connecting *Cordyceps* with the transplant drug cyclosporin. She also hosts a very famous myco-website.

YVES LAMOUREUX, since 1988, is employed by the Montreal mycological club as taxonomist, teacher and photographer. He maintains a 1600 species herbarium where each specimen is photographed to aid in identification by club members.

TAYLOR LOCKWOOD, from Mendocino, California, is well known throughout the United States for his beautiful mushroom photography set to music. He is a frequent guest at NAMA and other conferences.

ANDREW S. METHVEN is a professor in the botany department of Eastern Illinois University in Charleston, Ill. His specialty is the genus *Lactarius* in the Northeastern United States.

NANCY PARKER always has a sketch book handy so she can record particularly beautiful mushrooms or flowers wherever she goes. Nancy led an art workshop for NJMA at their PEEC weekend. She started etching *Ganoderma* as a teenager.

BILL ROODY is a field biologist for the West Virginia Division of Natural Resources. He is an award winning mushroom photographer, a frequent lecturer at NAMA and NEMF forays and an expert mushroom identifier.

DR. MOSELIO SCHAECHTER is a Distinguished Prof. of Microbiology Emeritus of Tufts Univ., Boston. He has received awards from both NEMF and NAMA, and was editor of the Boston Mycological Club Bulletin for 20 years. Elio will be autographing his new book *In the Company of Mushrooms*.

TERRY STOLESON has been designing with plant material for 25 years. She has presented demonstrations from Maine to Florida to Washington State. Her warm smile and friendly manner are a fixture at NEMF and NAMA forays.

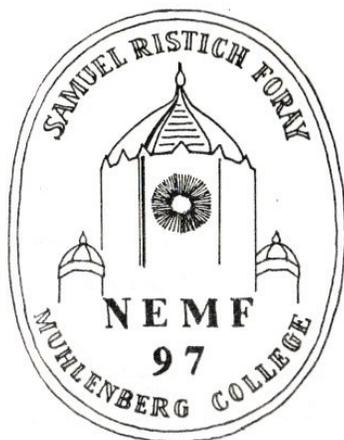
WALT STURGEON is a longtime columnist for *Mushroom, The Journal of Wild Mushrooming*. Those who attend NEMF and NAMA forays know Walt as an outstanding photographer, lecturer and mushroom identifier.

ERIK SUNDSTRÖM, D. Sc. in physics, is a member of the Swedish Mycological Society, board member of the Polypore Society and has co-authored two books about textile dyeing with fungi.

GENE YETTER is a professional computer technician, mycophile and hopeless web surfer. He has been computer recorder and participant at NEMF and NAMA for many years. Ask Gene about his self-appointed role as mycological database developer.

THANK YOU TO.....

**All registrants for making this foray possible;
All faculty for their time and sharing;
All trustees who attended the May meeting for their support;
All Committee chairs and their assistants;
All foray leaders;
Richard Begbie, Sheather Mustafa and Brian Mauro of the
Muhlenberg Conference Center;
Dr. Schmoyer and Dr. Rich Niesenbaum of the Biology
Department of Muhlenberg College;
Paulette and Hugh of Food Services;
Pamela Coleman, Angel Carillon and Jim Angelucci of Phillips
Mushroom Farms;
Don H. Pfister and Lisa DeCesare of the Botany Library of
Harvard University;
Bob Peabody for foray and Schweinitz information;
Dr. A. Schuyler of the Philadelphia Academy of Natural Science;
The staff of the Moravian Museum;
The staff of the Lehigh Valley Visitors Bureau;
Joe Lankalis for the use of his maps;
The staff of Hawk Mountain Sanctuary;
Ed Bosman for being Ed;
A special thank you to Susan Hopkins and Rod Tulloss of NJMA
for their ever-present assistance.**



SCHEDULE OF EVENTS

THURSDAY, JULY 31

12:00 noon - 11:00 pm	Registration.....Seegers Union Lobby
2:15 - 4:30	Early Bird Forays.....Outside Seegers Union
5:00 - 5:15	Faculty Meeting.....Trexler Room Seegers Union
5:30 - 7:00	Dinner.....Cafeteria, Seegers Union
7:30 - 8:15	Welcome and Introductions.....130 T (Trumbower Lecture Hall) Opening Remarks Dr. Richard Niesenbaum, Biology Department Muhlenberg College
8:15 - 9:15	"Our Position in Time and Space - Several Sorts of Mycological History" Dr. Rodham E. Tulloss
9:20 - 10:45	Evening Social.....Seegers Union Lobby Sign Up for Trips, Forays and Workshops

FRIDAY, AUGUST 1

6:30 - 8:00	Breakfast
8:00 - 2:30	Kennett Square Cultivation Trip to Phillips Mushroom FarmBox Lunch Dr. Pamela Coleman Limited number
8:05 - 11:30	AM Forays Depart.....Outside Seegers Union
8:30 - 11:30	"Mycology for Beginners" - Workshop Arleen F. Bessette.....127 Sh (Shankweiler)
8:40 - 9:30	"From Schweinitz to Singer - Meet the Mycologists and their Boletes" Ernst E. Both 130 T (Trumbower)
9:35 - 10:25	"Mushrooms of the Canary Islands" Bill Roody.....130 T
	The Western Canary Islands offer a rewarding destination for anyone wanting to extend their mushroom season into winter months. This presentation will provide an overview of the topography and forests of the Western Canaries and some of the mushrooms which occur there.
10:30 - 11:20	"Chemistry of Mushroom Dyes" Erik Sundström.....130 T Following or during this presentation there will be a short presentation by members of the Swedish mushroom club assisted by Hjordis Lundmark.
11:45 - 1:15	Lunch
1:00 - 4:30	PM Forays Depart
1:30 - 2:20	"Adventures in <i>Cordyceps</i> " How to Transplant Your Liver, Kill Bugs and Run Faster than a Speeding Bullet Kathie Hodge130 T
2:30 - 3:20	" <i>Lactarius</i> in the Northeastern U.S." Andrew Methven.....130 T

2:45 - 4:30 "For Art's Sake - or ID: Drawing and Painting Mushrooms".....Workshop 127 Sh
Bernice Fatto and Nancy Parker

3:25 - 4:30 "Mushrooming Through the Ages"
Dr. Moselio Schaechter.....130 T
"In Schweinitz Country - A Brief Visit with
Lewis David von Schweinitz"
Dr. Moselio Schaechter.....130 T

4:45 - 5:00 Faculty PhotoOutside Shankweiler

5:00 - 6:30 Dinner

7:30 - 9:00 "Treasures from the Kingdom of Fungi"
Taylor F. Lockwood130 T

9:05 - 10:45 Evening SocialSeegers Union Lobby

SATURDAY, AUGUST 2

6:30 - 8:00 Breakfast

8:00 - 3:00 Van and car pool depart for Stephens State Park
Limited number.....box lunch

8:05 - 11:30 AM Forays Depart

8:50 - 11:30 "*Russula* Identification -
Macroscopically and Microscopically"
Ray Fatto.....Workshop 127 Sh

8:40 - 9:30 " An Overview of Wood-decaying Poroid
Fungi Families"
Douglas E. Bassett..... 130 T

9:35 - 10:25 "The Tip of the Iceberg - A Look
at the Larger Ascomycetes"
Walt Sturgeon..... 130 T

10:30 - 11:00 "Some Mushrooms from Northeastern
North America Seldom Illustrated in
Field Guides"
Yves Lamoureux..... 130 T
From 1988-1997 more than 1,600 species of
macromycetes of southern Quebec were
photographed for the Montreal mycological club
herbarium. Yves will present some of them that
are seldom illustrated in common books.

11:45 - 1:15 Lunch

12:50 - 2:45 Trip to Schweinitz Grave Site and
Moravian Museum

1:00 - 4:00 Swimming

1:30 - 3:00 "Researching Mycology on the Internet"
Gene Yetter.....Workshop 48 T Computer Room

1:30 - 3:30 "Beginning Mushroom Microscopy"
Dr. Glenn Freeman.....Workshop 127 Sh

2:30 - 3:30 "Myco- Wreath Making"
Terry Stoleson.....Demonstration 140 T

3:45 - 4:30 Mycophagy Session
Bob Hosh and assistants.....Martin Luther Hall
The Underground

5:30 - 7:00 Dinner - - Pennsylvania Dutch Banquet

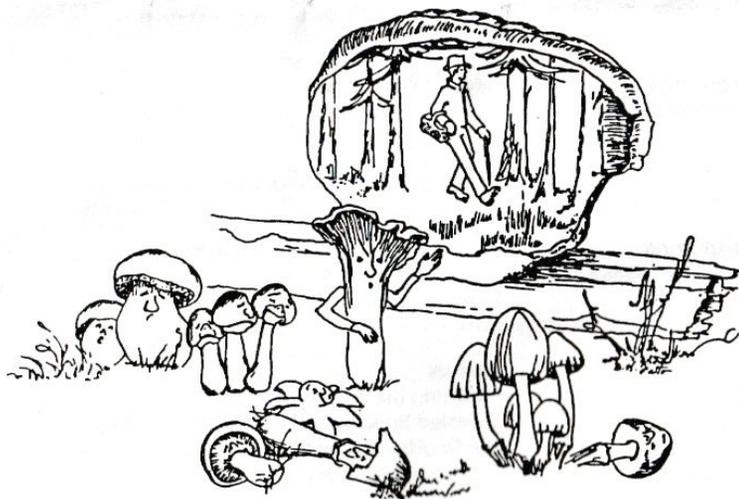
7:30 - 9:30 Evening Program

Awards
"Stalking the Wild Mushrooms -
Selected Species and Habitats"
Dr. Alan E. Bessette..... 130 T

SUNDAY, AUGUST 3

6:30 - 8:00	Breakfast
7:30 - 1:00	Check - outSeegers Union Lobby
8:30 - 10:30	Review and Tour of Collection Each expert assigned to specialtyDisplay Area
10:00 - 12:00	Trustee's Meeting.....Sorting Area
11:45 - 1:00	Lunch
12:45 - 1:15	Collection Clean-up

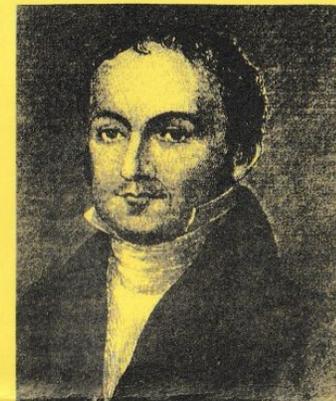
Have a safe trip home..... see you at NEMF 98!



Henry Muhlenberg and Lewis David von Schweinitz

In 1793 Henry Muhlenberg (1753 - 1815) listed 23 fungi (without description) in his first *Index* of the Pennsylvania flora. He was born at New Providence, PA and was pastor of a Lutheran congregation at Lancaster. By 1813 his *Catalogus* had 288 species. Muhlenberg's most valued mycological treasure is actually a lichen -*Glonium stellare* Muhlenb. ex Schw. "He is the first American to have contributed to mycology" according to Rogers in 1981.

The first American mycologist who prepared the real foundation of American mycology is



Lewis David von Schweinitz
(1780-1834).

Schweinitz was born in Gemein House (now the Moravian Museum) in Bethlehem, PA. His father was an administrator of the Moravian Church, and Lewis David became one also. He studied natural science in Nazareth, Penn. At 18 he went to the Moravian Theological Seminary at Niesky in Germany. While in Germany, he published *Conspectus fungorum*. In 1812 he was called to serve his church in North Carolina. He published the famous *Synopsis fungorum Carolinae superioris* in 1818. In 1821 Schweinitz returned to serve as senior pastor of the Bethlehem Moravian Church until his death in 1834. Although ill he published *Synopsis of American Fungi* in 1830 with remarks on 3000 species.

Schweinitz had time to be pastor, administrator, educator, husband, father, botanist, mycologist, artist and correspondent to Fries, Persoon and Torrey. He was the first native US citizen to hold a Doctor of Philosophy (from the University of Keil, Denmark - presented by the king). He wrote a major paper on violets and a monograph on North American sedges (*Carex*). His personal herbarium (mostly flowering plants of 25,000 species) and many paintings were bequeathed to the Academy of Natural Sciences of Philadelphia.

Schweinitz was certainly "Bethlehem's Man for All Seasons" and was so honored in 1991 during Bethlehem's 250th celebration.

Dorothy Smullen - July, 1997

References:

Gilmartin, Ann S. 1991. *Lewis David de Schweinitz* - booklet prepared by the 250th Anniversary Gallery Exhibition, Bethlehem, Penn.

Rogers, Donald. 1981. *A Brief History of Mycology in North America*. Hamilton I. Newell, Inc. Amhurst and Harvard Univ. Printing Off.; 6 - 10.