

Submission Deadline July 20, 2008
Next newsletter will be August Issue.

Next Meeting

NMMS traditionally has a social gathering in lieu of a regular meeting in July (& December). Santa Fe member Barbara Hays has again invited members to join her at her Community Clubhouse for our July Potluck.

Date: Saturday, 19 July, 2008

Time: 5:00 PM

Place: 360B *Calle Colina*, Santa Fe

Barbara would appreciate some folks arriving early to help set up or staying late to clean up.

A map and details are included inside.

2008 Foray • August 14-17 • Taos, NM

NMMS

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The Mycorizon

Newsletter of the New Mexico Mycological Society

July 2008

President's Message

Libba and I found Dr. Dennis Desjardin's course on Fungi of the Sierra enjoyable and very helpful for identification by both macroscopic and microscopic features. The course held at San Francisco State University's Sierra Nevada Field Campus consisted of 2-1/2 hours of morning lectures, 4 hours of field collection (around snowbanks mostly, but one morning was spent in an alpine swamp), 3 hours of laboratory, and an hour or more of evening lectures. We will provide a presentation on our experiences at the course in one of upcoming monthly meetings.

At the same time in Albuquerque, David Wallis gave a presentation on gilled mushrooms from slides of the NMMS collection on New Mexico mushrooms, and our Secretary, Mark Kalin, spurred the members into providing information on distinguishing features and descriptions aimed at helping us to identify these mushrooms in the field -- good work, Mark!

Our next meeting will be the potluck in Santa Fe -- hope to see you there.

Spencer Campbell

Foray Update

As I write the sky is filling with cumulus clouds. Over the Sandias the clouds are

grey. Can the monsoons be far behind? This is the most promising sky I've seen so far this year. Hope springs eternal!

Mycologist report: Rob Reinsvold is our featured mycologist this year. Michael Beug will return and lead a beginner's foray and a Kit Scates picture key workshop. Steve Trudell will return this year as well. It will be good to have them with us!

Work continues on the t-shirt. View the Three Graces logo at our Website and on the cover of this newsletter.

We hope to be able to do some microscopy study during the foray. We will have mature specimens then and can collect spores for study. Rob Reinsvold has agreed to help facilitate a workshop on spore characteristics.

On Friday night Jim Curry will show us how to grow our own.

I hope that if you haven't already, you will mail in your registration soon, as the deadline is July 25th. Join us in Taos. We're going to have a lot of fun!

Libba Campbell

New Mexico Common Mushroom Slides

Way back during the last millennium, Ted Stampfer suggested that NMMS compile a collection of photos representing New Mexico's more common mushroom species.

Ted based the suggested list on species Bill Jarmie and Fran Rogers identified by during their 5-year Los Alamos/Bandelier Study.

In 1998, Bob Chapman joined with Ted to fine-tune the list and provide the representative photos. The criteria they chose were to have 2 sets (40 ea) of slides. One set would include 2 introductory slides plus 38 images of gilled mushrooms. The second set was to have 40 photos of non-gilled species.

After more discussion and no small amount of work, Bob and Ted provided to the NMMS Board and Membership a list closely meeting their initial criteria plus the slides to match, including photos taken by Chapman, Peg Hooton, and Steve Trudell.

With the collection of slides finally in hand, Ted felt that the club should have its own text to accompany the photos, that NMMS should have something akin to a quick reference guide and/or visual presentation (slide show or PowerPoint) which includes both the photos and their representative descriptions.

Although Ted, Peggy Gorresen, and other members have discussed this project to some length, no actual descriptions seemed to come forth. However, at our June Meeting, Mark Kalin took a more assertive strategy by blocking the doorway of the meeting room and not allowing members to leave until they had committed to providing at least one species description. What follows demonstrates the effectiveness of his approach.

Peggy Gorresen offered the first two descriptions and explained that she prefers to include species' common names, "because they often are quite visually memorable."

Gary Runyan submitted the *Amanita muscaria* description, and Ted Stampfer provided descriptions for two non-gilled species. These initial contributions provide examples of how the mushroom descriptions might appear, as well as stimulating future discussion about the desired format and the optimum amount of detail.

Hypoglyphorus chrysodon (Golden-tooth Waxycap). Small to med. White all over, w/ scattered soft golden-yellow granules on cap, sometimes on stalk. Cap sticky or slimy when moist, shiny when dry. Gills widely spaced, decurrent. Stalk cylindrical, sometimes tapered at base, inside cottony. Solitary or small clusters.

Laccaria laccata (Deceiver). Small. Cap pink to brownish (fades quickly as it dries), rounded to flat, often shallowly depressed at center; often flares at margin edges; smooth at first, soon breaking into minute, soft, upturned scales. Gills waxy, pale purplish-pink; attached or short-decurrent. Stalk cylindrical, slender, straight or bent, firm, color of cap. Solitary or scattered groups.

Amanita muscaria (Fly Agaric). The classic fairy parasol. Unmistakable with its brilliant red cap speckled with the warty remnants of universal veil. Robust, cap 5-30 cm, white spored gills, and membranous ring. Volva, not classic *Amanita*, is one or more flaky rings. Common – mycorrhizal with trees, especially *Ponderosa*. Orange to pale yellow variations not uncommon. Hallucinations are a component of muscarine poisoning.

Calvatia booniana (Western Giant Puffball). This large puffball is usually found as a slightly flattened ball up to 60 cm (2 ft)

wide, with flattened scales. It is normally found widely scattered in semi-arid regions often in association with sagebrush or juniper. When young, firm, and white inside, it is a choice edible but may have laxative properties for some individuals.

Lycoperdon perlatum (Gemma Puffball). Unlike *Calvatia booniana*, this puffball is much more dainty, being pear-shaped, 2-6 cm (3/4 -2 1/2 in broad) and 3-8 cm (1 1/4-3 1/4 in) high. It is white to tan and covered with cone-shaped spines when fresh. These may fall off, leaving scars or pock marks. As is true of the *Calvatia booniana*, this fungus is good eating as long as it is firm and white inside.

Marinated Portobello Feta Salad

Ingredients

- 2 Tbsp Honey Mustard
- 1 Tbsp basil, chopped, or any other herbs you have on hand
- 1 Tbsp shallot or onion, chopped
- 1/2 Tbsp maple syrup
- 2 tsp red wine vinegar
- 2 tsp olive oil
- 1 small garlic clove
- 1 1/2 pound portobello mushroom, stems removed
- 8 cup mixed baby greens
- 4 oz feta cheese, crumbled

Preheat broiler.

- In a food processor, combine mustard, basil, shallots, maple syrup, vinegar, oil and garlic.
- Place mushrooms in a baking pan, stem-side up; pour dressing over each.
- Broil until tender, about 5 to 7 minutes. Remove from oven and slice.
- Place 2 cups baby greens on each plate. Top with 1 sliced mushroom and 1 oz crumbled feta cheese.

NMMS SHOPPING

David Arora's *Mushrooms Demystified*
*MP \$27.00 **NMP 30.00

David Arora's *All that the Rain Promises....*
*M \$13.00 / **N \$15.00

Vera Stucky Evenson's *Mushrooms of Colorado and the Southern Rocky Mountains*
M \$15.00 / N \$17.00

Toadstool's Interactive CD
The Secret Lives of Mushrooms
M \$15.00 / N \$17.00

Orson K. Miller Jr. & Hope H. Miller's
*North American Mushrooms:
A field guide to edible and inedible fungi*
M \$20.00 / N \$23.00

**Books available at meetings
or contact Terri Wallis at**

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The purpose of NMMS is to advance the understanding and stimulate interest in the field of mycology.