

The Mycorizon

Newsletter of the New Mexico Mycological Society

April 2003

Volume 1—Number 4

President's Message

URGENT! Annual Foray Volunteers needed

In order to have a memorable annual foray, reserve lodging facilities, get speakers signed up, etc, we need to get things rolling NOW.

I may be out of the area for a large part of August and September, so I can't chair the committee.

Ted Stampfer has already volunteered to be on the committee, but not chair it.

If anyone can pitch in to be chair or help in another capacity, please contact Ted or any board member.

We are considering a combined foray with another club (Arizona, Colorado) or possibly venturing into new territory.

Your input and help is very much valued and essential!



HOW ARE WE ALIKE?

Can a Dictyologist find a home at the NMMS?

Dictyostelium discoideum is a wonderful little organism that may be the simplest (first?) form of life that can be multicellular.

For many years it was classified as a fungus, but with the proliferation of kingdoms and the application of molecular sequence comparisons to taxonomy it is now considered a protist. Dd is one of the NSF's model organisms for lab research on chemotaxis, multicellular development and differentiation, and eukaryotic metabolism. Dd has a coterie of passionately-devoted proponents as a lab organism.

However, the roles of dictyostelids in natural ecosystems are not nearly so well-known as its cellular and molecular biology. Do dictyostelids have any natural predators? Do dictyostelids occur in the arid habitats typical of NM? Can dictyostelids be used as an indicator species for the effects of industrial pollution? Are dictyostelids the immune system of the soil?

Some of these questions were addressed by Jeremy Denlea and Adi Denduluri working with Dr. Anne Hall at St. Pius X High School (Albuquerque). Both Jeremy's and Adi's projects have been selected to compete at the International Science and Engineering Fair this May.

At the next NMMS meeting, Anne will talk about dictyostelids in general. Jeremy will present his project (describing natural populations of dictyostelids in the Cibola National Forest), and Anne will present Adi's material (on the effects of acidic environments on dictyostelid growth and development).

What might the mutual areas of interest be for dictyologists and mycologists? Come to the meeting and decide for yourself.

By Dr. Anne Hall

MAY 6th MEETING PROGRAM

Dr. Anne Hall and Jeremy Denlea on the subject of:

DICTYOSTELIUM DISCOIDEUM

A fungus gone protist

APRIL MEETING MINUTES

(abbreviated)

Attendees = 15

OLD Business

Sharon Chong reported a bank balance of \$5179 plus the CD of \$1707. Current membership count = 40.

Dave Wallis advised the mushroom posters were donated by Mr. And Mrs. John Sparks, Jr., not senior as reported in the Feb. minutes.

John Rahart noted that the club has 30 - 40 VCR tapes of past forays, speakers, etc. He asked for assistance in transferring them to DVD format.

New Business

Honorary Lifetime Membership

Honorary lifetime memberships were awarded to Pat Brannen and Ruth Bronson.

Foray

Ted Stampfer said that we should start planning the foray. Ann Floyd added that we

need to move quickly to line up a mycologist. John discussed the possibilities of holding a joint foray, e.g. with the Colorado Mycological Society. Norma Lynn suggested checking out Raton NM, or Arizona. John called for a volunteer to chair the Foray committee. Ted volunteered to serve as a committee member. Dave Wallis volunteered to e-mail the membership soliciting a foray chairman.

Guests

Peggy Gorresen introduced Joey from California, and Norma Lynn introduced Norma Lee from Santa Fe

Program

Dr. Robert Parmenter from the UNM biology department gave a most interesting presentation on the Sevilleta National Wildlife Refuge, located between Belen and Socorro. He presented slides and spoke about the flora, fauna, ecosystem, and history of the area.

Dr. Parmenter invited NMMS to visit the Refuge, conduct a survey of the fungi there, and gather a teaching collection for the Southwestern Museum. Our contact for arranging a Sevilleta field trip is Mr. Dennis Prichard, Ass't. Manager, USFWS Sevilleta National Wildlife Refuge, 505/864-4021. He also extended an invitation to the club to hunt at Valle Grande once he has transferred there.

Respectfully submitted, *Mark Kalin.*

Bing's Review

By Bing Leroy



“For the love of wildflowers, which led me to mycology”.

Fourth edition of a favorite wildflower book just released! Truly a grand effort!

It reflects a lifetime of appreciation for New Mexico, its flowering plants, its wild and scenic places.

Author Robert Dewitt Ivey says this edition is the last - but he has said that before. With 535 pages, 466 of which contain at least four plants per page, this is the ultimate compilation of plants in New Mexico. However, Mr. Ivey states that the contents form less than one half the species known to be in the state.

Attractive, clearly detailed line drawings highlight features which help distinguish one plant from another. Each drawing includes the date and locale for each plant and a range map of the species. Most also include the fruit or seed which furthers identification. The important advantage to drawings versus photographs is the clarity of detail.

A newly designed key, with detailed instructions, is a great help to those who find botanical keys too complex or intimidating. There also is information on preserving and transporting specimens for later identification.

On page 60, some consequences of growth are cleverly illustrated, making an important point about the future of wild and scenic places. Another useful feature is the detailed description of the climate zones and ecosystems that are unique to New Mexico. All are accompanied by excellent and clear drawings.

This is an easy to use sturdy book, heavy wire bound, with a waterproof cover. It's size might keep you from tucking it under your arm while hiking, but it will survive nicely in a back pack. Self published, the \$50.00 price reflects not only the quality of the contents, but also the excellent paper, printing and binding.

It is available from the author Robert Dewitt Ivey 293-0480, the Albuquerque Garden Center 296-6020 or the Native Plant Society 892-2230.

NMMS SHOPPING

Available at the next meeting at listed price to non-members

With at **10% discount to members :**

David Arora's

All that the rain promises....

\$18.00

Vera Stucky Evenson's

Mushrooms of Colorado and the Southern Rocky Mountains

\$25.00

Toadstool Interactive CD

The Secret Lives of Mushrooms

\$18.00

New item:

Taylor Lockwood's DVD

Member price \$15.00

Non-member price \$17.00

Submission Deadline

For the May issue is

Thursday May 22nd 2003

UP-COMING EVENTS

Telluride Mushroom Festival August 21-24, 2003

Highlights: Mushroom Feast, Forays, Workshops, and a "Shroom Parade". This year marks the debut of the mushroom "Cook-off Feast." Chefs from Telluride's top restaurants will prepare mushroom dishes to be judged by Festival faculty. The Festival participants will dine on the gourmet mushroom dishes.

Experienced guides will lead daily fungus forays in the forests surrounding Telluride, generally productive of a wide variety of wild mushrooms, particularly edible species, like chanterelles and porcini.

Nationally recognized authorities on mushrooms will present lectures and workshops:

Dr. Andrew Weil, author of the best-selling book *Spontaneous Healing*, on "Mushroom Cookery;"

Gary Lincoff, past President of the North American Mycological Association.

Paul Stamets, President of Fungi Perfecti .

Marsha Rosenbaum, of the San Francisco Drug Policy Alliance.

Dr. Emanuel Salzman, Co-editor of *Mushroom Poisoning*.

John Corbin, Cultivation Specialist.

Contact:

Telluride Mushroom Festival
Box 480503
Denver, CO, 80248
Phone 303-296-9359

Or go to:

[:www.shroomfestival.com](http://www.shroomfestival.com).

Don't miss a meeting—CATCH A RIDE!

In Albuquerque call:

Sharon Chong at 823-2704 or
Mark Kalin at 883-1639 or 284-4341

For rides from/to Santa Fe call:

Ted Stampfer at 505-983-3116

Given a bit of notice, these generous folks will be glad to give NMMS members rides to and/or from meetings.

INTERESTED IN JOINING NMMS?

Yearly dues are \$20 (optional NAMA dues are \$32)

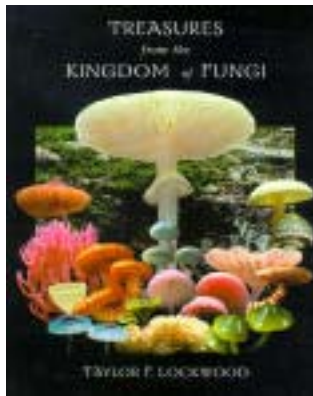
Mail your check to: NMMS Treasurer, 6336 Mendius, NE
Albuquerque, NM 87109-4126

Meetings: 1st Tuesday every month, except March & July
7:30pm at the NM Museum of Natural History
1801 Mountain Rd NW, Albuquerque, NM 87104-1375

Taylor Lockwood's DVD

Treasures of the Kingdom of Fungi

by Ann Floyd



Treasures indeed! This is worthy of a special time and setting. So, before you pop this DVD into the player, take the phone off the hook, turn the lights low and pour a generous measure of your favorite. If you have surround sound, use it.

Then give yourself up to this stunning audio visual feast. This is Taylor at his best, painting mother nature's masterpieces with his camera and setting them to music.

Watch and see what comes to your mind as you luxuriate in the clever transitions of images and sounds; O'Keefe and an exquisitely performed ballet came to my mind.

As Taylor signaled the end of the show with "My heart is close to the earth" I felt like shouting: Bravo! More! More!

Being a devout "TV minimalist" myself, this performance left me wishing for a big screen TV.

NMMS will be selling this DVD for \$15.00 to members and

**THIS IS YOUR NEWSLETTER
WE WELCOME YOUR FEEDBACK AND SUGGESTIONS!**

Contact the editor at (505)-839-3890 or send e-mail to:
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