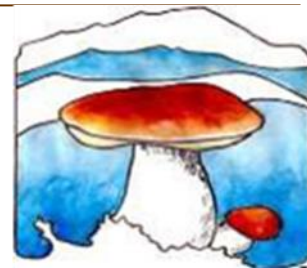


Spore-Addict Times



The Newsletter of the Pikes Peak Mycological Society 1974-2013

April 2013

Volume XXXVIII Issue 1

Monthly Meeting

When?

Monday Apr 22nd

The 4th Monday of the month (Apr-Sept)

**Mushroom Identification
6:30-7pm**

**Meeting comes to order
at 7 pm**

Where?

**Bear Creek Park, See
Insert Map for new
location!**

New Meeting Location

Bear Creek Regional Park will be the new location for our meetings each month!

Driving Directions

I-25, Exit 141. Go west on HWY 24 (Cimmaron) to 21st Street. Turn south onto 21st Street and proceed to West Rio Grand Avenue.

On the southwest corner of the intersection, you will see the entry to the Bear Creek Park administration building.

We will gather in the meeting room.

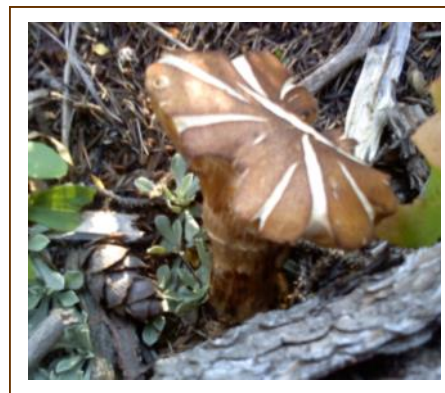
Click here: [map](#)

There is a small kitchen in this building. We will be able to have refreshments this year.

Planning for each program has started and some great topics will be presented each month. JOIN US!

April Presentation

Join us as we welcome Jim Gibson, President of Denver's Colorado Mycological Society. He will present an array of methods and materials to incorporate edible and medicinal mushrooms into our homes and gardens, including permaculture designs using fungi.



In this issue:

New Meeting Locations: Bear Creek Park **1**

Growing Mushrooms in Straw **1**

Plastic-Eating Fungi **2**

Map of Bear Creek Park, new location **3**

Growing Mushrooms in Straw—Pleurotus at home

By Mike Essam

What does the avid mushroomer do when the winter comes and fruiting bodies are no more?

Make some appear.

This winter we ordered an oyster mushroom growing kit and did just that, right on our kitchen counter. After getting our flushes, or "crops" of mushrooms, the kit no longer had enough carbon to produce more. The mycelium however, was very much still alive, and if properly fed, could yield more mushrooms.

An invite was extended to PPMS members to create more mushroom "kits" from this old one in December.



First we pasteurized straw by submerging it in a 160 degree water bath for 30 minutes. We let the straw cool; then, in empty bread bags, we layered straw with pieces of the old mushroom kit. Twisty-tied the bags to allowed for incubation.

...continued on page 2

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Mystery Mushroom

September's Mystery Mushroom was
Cantharellus cibarius
By Esther Price

Vera Evenson's "Mushrooms of Colorado"
is our best field guide.

She describes the
mystery mushroom best.

Large Shelving groups, off white to
brownish-gray oyster shell shaped caps.
: white to buff colored, decurrent gills
: short hairy whitish stalk (or none)
: on dead tree trunks or buried wood.

Who am I?

Once the mycelium covered the straw entirely (2-4 weeks), holes were punched in the bag to induce fruiting. Then mist it three times a day. Results varied, but *some* mushrooms were obtained from the expanded kits.



Doris Bennett

Doris passed away April 4, 2013.
She became a member soon after
PPMS was founded.

Those of us who have known Doris
for a long time will remember her as
always being in good spirits, she
loved books and the outdoors, camp-
ing and hunting.

She took part in many PPMS forays
and was known as an excellent cook.
When it was her turn to be in charge
of refreshments we knew we were in
for a treat.



Plastic-Eating Fungi

Last year, PPMS learned about the mycoremediation (using fungi to remove contaminants from soil or the environment). Mushrooms absorb (eat) and even concentrate some substances toxic to humans.

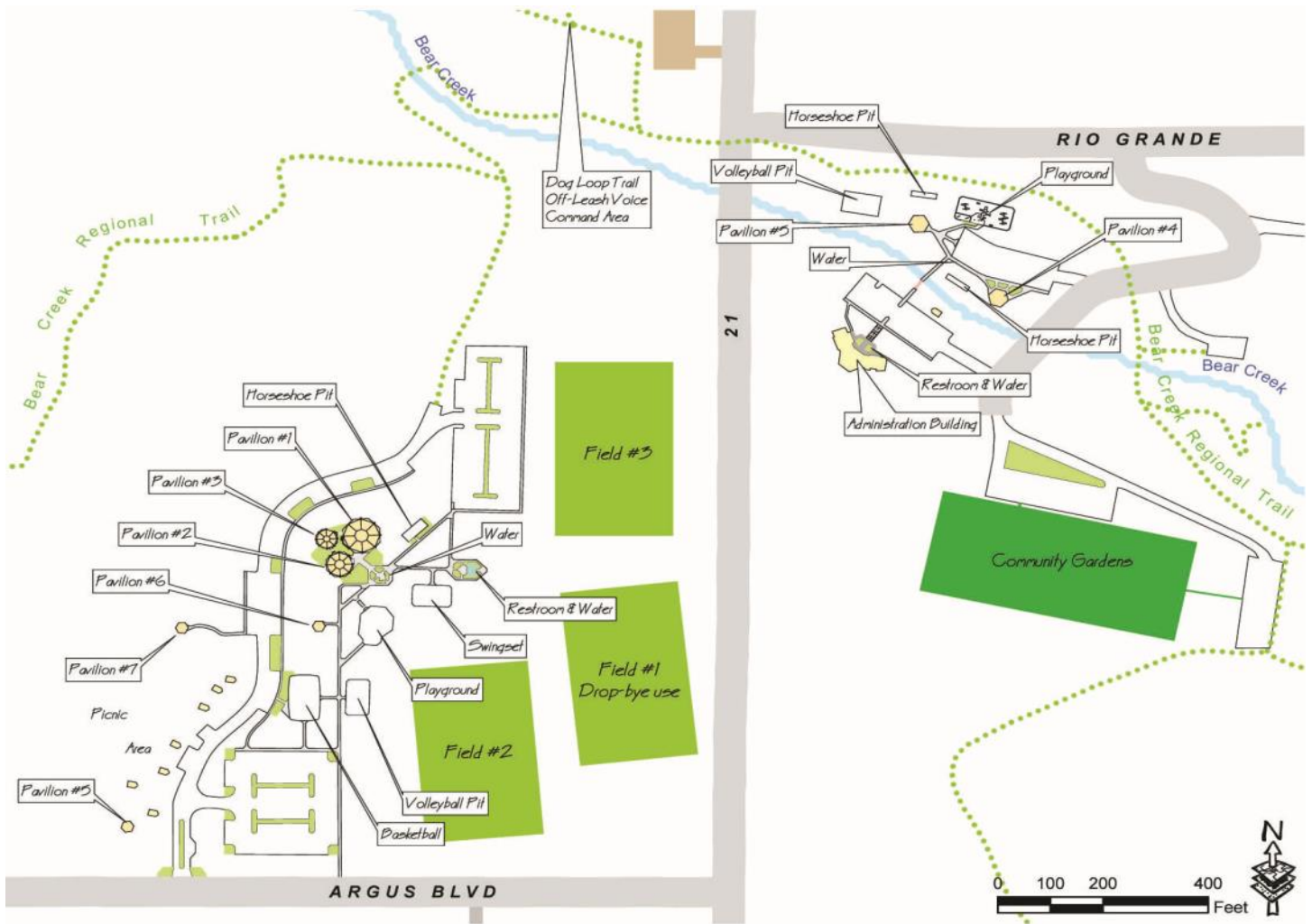
Recently, two *Pestalotiopsis spp.* were isolated by Yale students from plant and soil samples taken from the Amazon. They found these isolates would live solely on eating only polyurethane as a food source, even under anaerobic conditions (without oxygen). Amazingly, that means, they can degrade plastic waste packed tightly in a garbage dump! If we get them in there.

[Reference Link Click Here](#) Applied and Environmental Microbiology. Sept 2011 vol. 77 no. 17

Article submitted A.Anderson

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Our Meeting Location is Bear Creek Park Administration building in the meeting room (we had last years Pot Luck in this room).
 Bear Creek Reg Park, 1950 S 21st Street, Colorado Springs CO 80906
 From 21st Street turn onto Rio Grande and drive a few hundred feet to Deer Crossing. Turn right onto Deer Crossing. Right after the bridge turn right to the Administration Building.

Driving Directions

I-25, Exit 141

Go west on HWY 24 (Cimmaron) to 21st Street. Turn south onto 21st Street and proceed to West Rio Grand Avenue.

On the southwest corner of the intersection

We will gather in the meeting room.

Meetings start at 6:30pm with mushroom identification. We will end about 9:30 with refreshments after the end of each month's program. The new location has a mini-kitchen with sink in the meeting room.

Meetings are the 4th Monday of each month:

- April 22nd
- May 27th
- June 24th
- July 22nd
- August 26th
- September 23rd
- October TBD for Pot Luck

Spore-Addict Times

The Spore-Addict Times, the official newsletter of Pikes Peak Mycological Society (PPMS), is published monthly from April to September. All articles appearing in this newsletter may be freely reproduced, unless otherwise noted, for use in other newsletters provided source and author are acknowledged. We consider this to be a reciprocal agreement for clubs that send their newsletter to us unless we are advised to the contrary.

The Pikes Peak Mycological Society is a nonprofit organization dedicated to the advancement of mycology. Membership is open to anyone wanting to study mycology. Annual dues are \$25 (additional fee for a printed newsletter Apr to Sept) for individual and family memberships and may be paid at the meeting.

Submissions of ideas, articles, letters, artwork, and recipes are welcome. Photos and stories may also be submitted to be posted on the website.

Pikes Peak Mycological Society

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