



PIKES PEAK MYCOLOGICAL SOCIETY

NEWSLETTER

MAY 1983

MAY MEETING - On Monday night, May 23rd, on the second floor of Rastall Center, Colorado College, at 7:30 p.m. we will hold our May meeting. We are very proud to announce a second generation mycologist, Frankie Urban, who is preparing a talk that will be given by him at school and has been good enough to allow us to share in it with him. Hats off to Judy and Frank for including their offspring in their mycological studies. (+ surprise talk,

NAMA FORAY - The special news is still the national conference being held in Granby, Colorado August 19 - 23. If you do not have a registration form please contact one of the officers. If different kinds of information is needed; i.e., what is the charge or accommodations for just Saturday and Sunday, please feel free to contact the agency listed at the bottom of the registration. About 20% of the reservations have been accepted thus far.

AUGUST MUSHROOM FAIR - Denver is also hosting the Mushroom Fair (they are gluttons for punishment). This will replace our regular August meeting.

NEW OFFICERS: April meeting was a huge success with a fine pot-luck and lots of hungry mushroom hunters. A new slate of officers was voted in. They are:

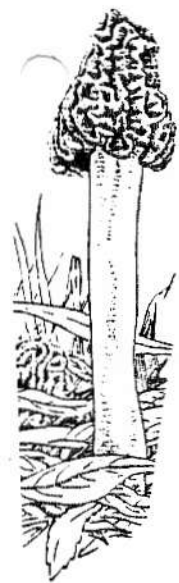
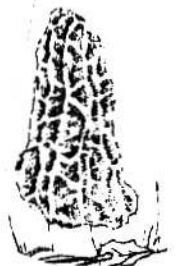
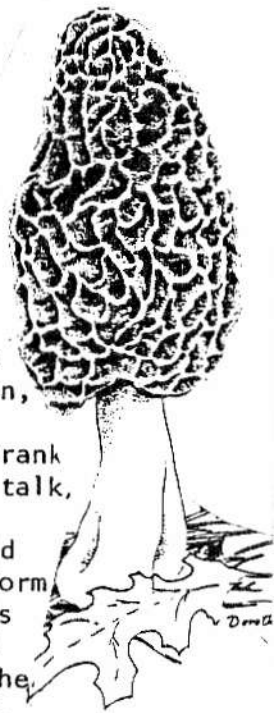
Pres.	Dennis Craig	598-9234	
Vice Pres.	Lee Barzee	634-4715	
Secretary	Judy Baranowski	574-0167	
Treasurer	Pat Gustavson	495-4344	
Newsletter	Barbara Laura	633-9447	Off: 578-1048
Foray Ch.	Don Berrigan	597-4679	
Foray Ch.	Noel Damon	598-1832	
Refresh. Ch.	M/M Gervais		

Congratulations to all. These officers are to serve you. Also, you are invited to join your talents with theirs to make the club as interesting as possible for all.

OUR FAMOUS (if small) LIBRARY. This is yet another plea to you all to check again and see if you have any of our books. Please call Barbara Laura daytime 578-1048 in order for us to set up our cards and make these available at the meetings. PLEASE!!!!

NAMING OUR NEWSLETTER - The Board has a suggestion that we hold a contest to give our Newsletter a specific title. We will post the suggestions in next months' Newsletter and let you vote on your choice. The winner will receive Dr. Smith's Field Guide donated by Don Berrigan.

JOINT FORAY - We will hold a joint foray with Denver on June 4th at Indian Creek Campground. The caravan will leave TARGET on North Academy at 8:30 in order to meet Denver group at Junction of Highways 105 & 67 (out of Castle Rock)



# COLLECTING AND PRESERVING FUNGI

Always do steps 1-4. If the collection cannot be identified while it is fresh, do steps 1-8 and it can be worked on any time, even next winter.

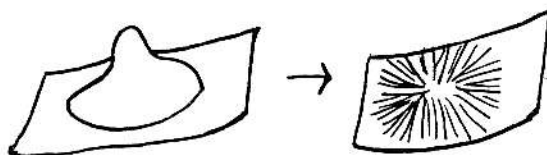
- 1** DIG UP COMPLETELY. COLLECT ALL AGES
- 2** SET UP SPORE PRINT
- 3** WRITE LABEL
- 4** WRAP IN WAXED PAPER
- 5** PHOTOGRAPH
- 6** WRITE DESCRIPTION
- 7** GIVE AN IDENTIFICATION NUMBER
- 8** DRY COLLECTION

## 1 DIG UP COMPLETELY. COLLECT ALL AGES.

- A. Be sure to dig up base of stem.
- B. Both young and old fruiting bodies are important. Do not collect if all are immature.
- C. Do collect if there is only one fruiting body and it is mature.

## 2 SET UP SPORE PRINT

- A. Do it while you are collecting.  
Do not wait until you get home.
- B. Cut off stem of mature cap.  
Put cap gill side down on WHITE paper.  
(1 1/2 x 4 inches is always big enough)
- C. Wrap up the spore print setup in a small piece of wax paper if the paper and cap might separate. Wrap up spore print with rest of collection.



## 3 WRITE LABEL

WHERE - habitat & location  
 WHEN - date  
 WHO collected it

sample label →

ID#	Name
<input type="checkbox"/>	on ground. Trees nearby _____
<input type="checkbox"/>	on dead wood. Kind _____
<input type="checkbox"/>	on live tree. Kind _____
<input type="checkbox"/>	other _____
Location _____	
Collector _____	
Date _____	Id. by _____

## 4 WRAP IN WAXED PAPER

- A. Roll up collection and twist ends.
- B. Include label and spore print setup.
- C. Set in basket so spore print paper is down.
- D. NEVER WRAP IN PLASTIC (spoils rapidly).



## 5 PHOTOGRAPH

- Fill the viewfinder with the collection (get as close as possible).
- If possible, photograph in the natural setting.
- Arrange to show important features, but keep natural looking.
- If you photograph after returning home, use a uniform, nondistracting background such as velvet or construction paper.
- Label slide or print with the identification number (see # 7).

## 6 WRITE DESCRIPTION

- Start from the top of the mushroom and work down to the base.
- Make a quick sketch or cut mushroom in half and trace it.
- Here is a format from Mushrooms of North America by O.K. Miller Jr.

<b>Cap.</b>	Size; shape; color; surface dry, moist, viscid, slimy glutinous; surface with hairs or warts or without hairs (glabrous).
<b>Gills.</b>	Color; whether free, reaching to the stem but not attached (adnexed); attached (adnate), or running down the stem (decurrent); distant, close or crowded; thin or broad; edges hairy or smooth.
<b>Annulus (ring).</b>	Present or absent; single or double; superior or inferior.
<b>Stipe (stalk).</b>	Size; shape; color; single or fused with other stipes; surface with or without hairs or warts.
<b>Flesh.</b>	Color; texture soft, firm, or tough; changing color when bruised; latex color, when present.
<b>Odor.</b>	Mild, pronounced, or reminiscent of some familiar odor.
<b>Taste.</b>	Mild, pleasant, or disagreeable (usually bitter or acrid).
<b>Host.</b>	On the ground, wood, leaves, etc.; under hardwoods or conifers; or in a mixture of both or in lawns and grassy areas, on dung, etc.

## 7 GIVE AN IDENTIFICATION NUMBER

LSG-126 (your initials and a number)

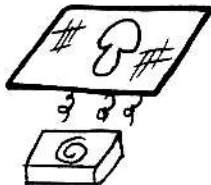
Put this number on EVERYTHING (label, spore print, photograph, description).

## 8 DRY COLLECTION

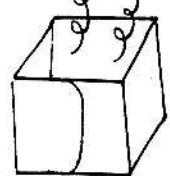
MICROSCOPIC FEATURES, OFTEN ESSENTIAL TO IDENTIFICATION, ARE PRESERVED BY DRYING THE COLLECTION.

- You may dry small mushrooms in the sun on a hot, dry day.
- Dry mushrooms in the oven with the door cracked (not over 110°F).
- Make a simple dryer with a screen and a heat source (space heater, hot plate, Coleman heater, light bulbs). Temperature should be about 110°F.

window screen →  
(cheap at hardware store)



enclose in canvas  
or fire retarding  
cloth -heat goes up



## YOU SHOULD HAVE:

- \*\*\* A DRIED COLLECTION in a box or bag, with a label and spore print that have the identification number.
- \*\*\* A DESCRIPTION labeled with the identification number.
- \*\*\* A PHOTOGRAPH labeled with the identification number.