

Anyone not adequately prepared for the variety of conditions that exist in a foray area can get lost. In some relatively flat woodland sites, everything may look the same so it is difficult to orient oneself.

Even well known and respected pioneers such as Daniel Boone had problems on occasion since he operated without many of the tools available to us, such as maps, man made roads and fences. A friend, familiar with Daniel Boone's adventures and exploits, one day asked him if he had ever been lost.

Boone stroked his chin and thought for sometime before replying, "Well no, but I can remember a time in the Rockies when I was mighty confused for about three days."

A problem that may be even greater than getting lost is becoming injured. Many conditions exist in forested areas that can lead to injuries. To cope with this and the problem of being lost, it is well to stay close to others, at least in pairs. Keep in sight, or at least in hearing distance of them. One should wear proper clothing for the area, including footwear that adequately protects the ankle from injury. Boots, covering the leg up to midcalf, are especially important in areas containing rattlesnakes.

Some of the tools that should be carried are: a compass, a whistle for contacting others, a map of the area, a good knife, matches and paper for starting an emergency fire (your wax specimen bag will do in a pinch).

With the exception of the map, I keep all this equipment in my truffling apron. When I go truffling, I need only to pick up my apron to be properly equipped.

It isn't always possible for everyone to have a map of the area because we go to so many different places. Normally, someone in the party has a map that can orient you to the landscape.

Start out by locating where you

are on the map and study the direction of the existing roads, the direction of the flow of streams as well as other map features.

If a map of the area is not available, study the landscape in the direction you will be going to properly orient yourself. Before leaving the car, take a compass bearing on the general direction of the road and the general direction you will be going. You need only to reverse your direction to get back to the starting point.

As you travel, watch the terrain closely so you don't cross a ridge into another watershed. Also, as you travel, look back periodically in the direction from which you came. The landscape looks different looking back than it does looking forward, which often confuses people. If the sun is out, it is also good to periodically observe its direction for the time of day to help keep you oriented.

You should also be familiar with the accepted whistle signals: one whistle - where are you?; two whistles - here I am; and three whistles - HELP!

Before leaving, ask the foray leader what time you should be back to the car, if the leader has not previously told you. Check your watch and return as closely as possible to the appointed time.

Fortunately, to date we haven't had the experience on anyone being lost for an extended time, but on a few occasions we have had people returning later than they should have by not observing these principles. We sincerely hope we never have anyone getting lost for an extended period of time.

Henry Pavelek
NATS President

DUES, DUES

If your address label has a red checkmark, this will be your last newsletter. Please mail your 1987 dues today - we don't want to lose you!

TRUFFLE OF THE MONTH

Picoa carthusiana Tul. and Tul.

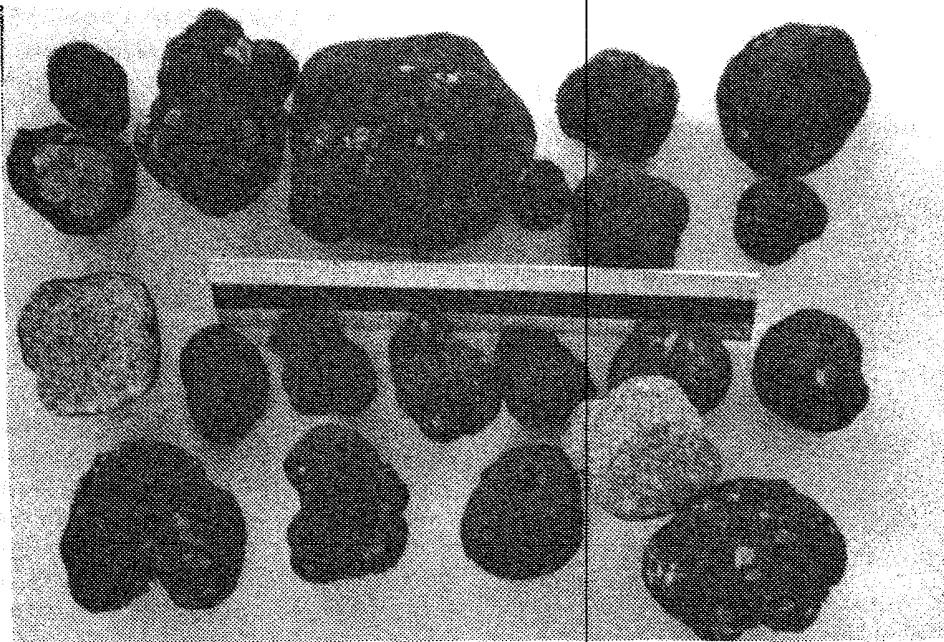


Photo by Henry Pavelek

ORDER: Ascomycetes

COLLECTED: in winter and spring months in the northwest. Usually associated with Douglas Fir.

ODOR: fruity, similar to pineapple.

EDIBILITY: very good! Blends well with dairy products. See recipes.

DESCRIPTION:

by Dr. Steven Miller

SPOROCARPS: 2.5-5.0(7.0)cm diameter, globose, subglobose or irregularly lobed.

PERIDIUM: Surface dry, roughened with large angular warts that are 0.5-1.5 mm, mounded, not pyramidal, and often roughened themselves (appearing to form from cracking of peridium as sporocarp enlarges and not as individual warts), often split from growth of sporocarp exposing gleba or with splits covered by new growth of peridial tissue that lacks warts; dark grey to grey violet but usually black, rehealed areas purplish black; in cross-section 0.2-0.5(1.0) mm thick.

GLEBA: Solid, firm, brittle; white at first, then developing irregular zones or nests of yellowish grey to grey or blue grey that are separated and surrounded by anastomosing white to palid white veins; evaginations of peridium common in glebal tissue, these concolorous with peridium; spores visible with handlens.

GLOSSARY

Sporocarp - spore bearing body

Peridium - outer coat or covering surrounding the spore-bearing tissue.

Gleba - spore-bearing tissue within the peridium.

Globose - nearly spherical or globe like in appearance.

Evaginate - turn inside out.

Concolorous - uniform in color.

Anastomosis - a running together of two or more veins whereby their canals become common and freely communicating.

RECIPES

Picoa carthusiana is a truffle that cannot be cooked as it loses all flavor. It is a delicious truffle and should be used in recipes that do not require cooking, such as the stuffing for celery, or add the truffle to a dish just as you are ready to serve it.

Saffron Rice With Truffles Anna Marin

Prepare steamed white rice with a bit of saffron. Grate one Picoa carthusiana truffle and add to the rice just as you serve it. The truffle adds a nutty flavor, and this is a delicious dish!

Here are just a few ideas that have been tried by NATS members. Use your imagination to create other recipes.

Stuffed Celery

Soften 8 oz. cream cheese, or use whipped cream cheese. Grate in one Picoa carthusiana, about the size of a walnut, or more if you prefer a stronger taste. Let the mixture blend at room temperature for awhile. Stuff celery and serve.

This mixture may also be served on crackers.

Picoa Butter

Grate one or more Picoa carthusiana into softened butter. Let blend at room temperature. Use on waffles, crackers, or hot vegetables.

Picoa Dip

Soften 8 oz. cream cheese. Add enough sour cream to make a mixture of dip consistency. Grate Picoa carthusiana into the mixture. Let blend at room temperature. Use for vegetable or fruit dip.

TRUFFLE CLASS OFFERED

Dr. Steven Miller will be teaching a class for NATS members, "Truffles and False Truffles of the Pacific Northwest," beginning March 16,

1987.

The class will be primarily a lab situation, with use of the microscope and other visual aides, to help members learn to identify truffles. A small lab fee will be charged for materials. No grades or credit will be given.

Meeting time is 7:30 P. M., in the Large Conference Room, Forest Sciences Lab, 3200 Jefferson Way, Corvallis, OR.

To register for the class, or for more information, call Steve Miller at 757-4408 or 752-5281, or call Henry Pavelek, 753-6384.

NATS PHOTO PACKETS, good field guides to common hypogeous fungi, are available at \$15.00 ppd to members, \$20.00 ppd to non-members. The packet contains 35 color photographs, all identified, with space for field notes and comments.

NATS SLIDE PACKS, containing 40 slides of commonly found hypogeous fungi, are available for \$30.00 ppd to members, \$35.00 ppd to non-members.

ALSO AVAILABLE are individual slides. For a list of slides and prices, send a SASE with your request to: NATS, P. O. Box 296, Corvallis, OR. 97339. Photo packets and slide packs may be ordered through the same address.



A Truffler with a bonanza find.

JM

1986 FINDS

5/10/86	Drawsons Tree Farm, Liberty Road, Dallas, OR., Polk County N 44 55'10" W 123 18'57" 400'	Rhizopogon vinicolor Smith.....Welles Bushnell
5/10/86	Hwy 223, 1 mile N of Pedee, Polk County, OR. N 44 45'10" W 123 24'48" 150'	Geopora cooperi Harkn. f. cooperi.....Welles Bushnell Hymenogaster gilkeyae Zeller & Dodge.....SAA Rhizopogon vinicolor Smith(2 coll.).....SAA Tuber murinum Hesse.....SAA Tuber sp.....SAA
6/05/86	Clear Lake, Goat Mountain area, Clackamas County, OR. N 45 08'00" W 122 17'12" 3400'	Gautieria monticola Harkn.....Welles Bushnell Hysterangium coriaceum Hesse.....SAA
6/05/86	Hillock Burn Road, one mile from Mt. Hood NF boundry, Clackamas Co. N 45 10'18" W 122 15'06" 2100'	Hydnotrya variiformis Gilkey(2 coll.).....Welles Bushnell Rhizopogon vinicolor Smith.....SAA
6/17/86	Mount Hood NF, Rd. 4530 N 45 05'41" W 122 15'37" 3800'	Gautieria monticola Harkn.....Welles Bushnell Hydnotrya variiformis Gilkey.....SAA Hysterangium coriaceum Hesse.....SAA Leucophleps spinispora Fogel.....SAA
8/02/86	Rickreall Creek, Polk County, OR. N 44 55'44" W 123 06'50" 500'	Hydnotrya tulasnei(Bk.)Bk. & Br.....Welles Bushnell Martellia brunnescens Sing. & Smith(2 coll.).....SAA
8/02/86	Mary's Peak Study Area, Benton County, OR. N 44 23'50" W 123 29'46" 2400'	Leucogaster rubescens Zeller & Dodge.....Welles Bushnell Rhizopogon vinicolor Smith.....Welles Bushnell
12/15/86	1½ miles north of Waldport, OR., Hwy 101 N 44 26'45" W 124 04'22" 100'	Rhizopogon parksii Smith.....Leeds Bailey
12/28/86	Dr. Lacy Robertson's property, Lebanon, OR. N 44 33'00" W 122 45'35" 450'	Hymenogaster parksii Zeller & Dodge.....Vern Moore Martellia gilkeyae(Zeller & Dodge)Sing. & Smith.....SAA Rhizopogon parksii Smith.....SAA Tuber sp., immature.....SAA

JANUARY 1987 FINDS

- 1/03/87 Five miles W of Harlan, OR., Elk Creek Road, Lincoln County
 N 44 33'27" W 123 44'45" 200'
 Hymenogaster parksii Zeller & Dodge Henry Pavelek
 Pat Rawlinson
 Picoa carthusiana Tul. & Tul. Leeds Bailey
 Marie Bailey, Welles Bushnell, Steve Morgan, Frank Morris,
 Henry Pavelek, Henry Pavelek Jr., Pat Rawlinson, Betty Smith
 Tuber gibbosum Harkn. SAA
- 1/03/87 Donovan's Tree Farm, Corvallis, OR.
 N 44 33'28" W 123 19'28" 400'
 Endogone lactiflua Bk. & Br. Frank Evans
 Hymenogaster sp. SAA
 Melanogaster sp. SAA
 Tuber gibbosum Harkn. SAA
- 1/10/87 Along Hwy 26, between Sandy and Zig Zag, OR.
 N 45 15'00" W 121 52'00" 800'
 Alpova diplophloeus(Zeller & Dodge)Trappe & Smith, Roger Knight
 Hydnotrya sp., immature SAA
- 1/12/87 Black Rock Road, west of Falls City, OR.
 N 44 52'16" W 123 29'42" 1400'
 Rhizopogon parksii Smith Welles Bushnell
- 1/06/87 Elk Creek Road, five miles W of Harlan, OR.
 N 44 33'27" W 123 44'45" 200'
 Hymenogaster parksii Zeller & Dodge Henry Pavelek
 Picoa carthusiana Tul. & Tul. SAA
 Rhizopogon parksii Smith SAA
 Tuber gibbosum Harkn. SAA
- 1/16/87 Two miles east of Blodgett, OR., Hwy 20
 N 44 36'19" W 123 29'07" 600'
 Hymenogaster parksii Zeller & Dodge Henry Pavelek
 Martellia sp., immature SAA
 Rhizopogon parksii Smith SAA
 Tuber gibbosum Harkn. SAA
- 1/16/87 Cline Hill, Hwy 20, Benton County, OR.
 N 44 37'10" W 123 38'44" 300'
 Hymenogaster parksii Zeller & Dodge Henry Pavelek
 Rhizipogon parksii Smith SAA
 Tuber gibbosum Harkn. SAA

There was a young Tuber gibbosum
 Who said, "Look at me - I'm so
 wholesome
 Delicious!, Nutritious!
 So be expeditious:
 Join NATS, and you can take home
 some!"

Anon.

NATS WELCOMES the following new
 members: Dennis Eisenberg, Van Nuys,
 CA.; from Oregon: Norman Hall,
 Estacada; Glen Turner, Hillsboro;
 Judy Franz, Forest Grove.

THREE NOTED MUSHROOM EXPERTS died in December 1986.

Alexander H. Smith, of Michigan, was considered the most outstanding North American agaric taxonomist of this century. He spent his entire career at the University of Michigan. He published several mushroom books, including THE MUSHROOM HUNTER'S FIELD GUIDE, and A FIELD GUIDE TO SOUTHERN MUSHROOMS, written in conjunction with his daughter, Nancy.

John N. Couch, University of North Carolina, made extensive and valuable contributions to mycology and the development of botanical research at the University of North Carolina for over 50 years. He co-authored GASTEROMYCETES OF THE EASTERN UNITED STATES AND CANADA with W. C. Coker.

R. Gordon Wasson, Danbury, Conn., was noted for his writings about the role of mushrooms in different cultures. His books include MUSHROOMS, RUSSIA AND HISTORY (1957) and THE WONDEROUS MUSHROOM: MYCOLOGY IN MESOAMERICA (1980).

NAMA PLANS PHOTO CONTEST

Each year the North American Mycological Association (NAMA) conducts a photography contest in conjunction with its national foray, at which presentation of the winning slides is always an eagerly awaited part of the Saturday night banquet. This year's foray will be held on July 16-19 at the Gulfport Campus of Southern Mississippi University and NAMA would like to encourage all mushroom photographers to enter the contest (as well as attend the foray, although you need not do so to enter the contest.)

The only requirements for entry are: 1) you must be a member of NAMA, and 2) you must pay a nominal fee, usually between \$1 and \$4 to help defray the costs of the contest.

The three divisions are: "Pictorial" for pretty pictures of fungi in natural settings and poses; "Documentary" for field guide type

photos which can be used to help in identifying collections; and "Judges' Option" for everything else. In each of the first two divisions, there are separate competitions for "Amateur" and "Advanced" photographers, so you need not be a professional to participate.

Although the prizes for the winners are modest, the audience invariably includes a number of field guide authors, such as Gary Lincoff, David Arora, Walt Sundberg, and Kent McKnight, and so who knows, you could be discovered and have your work featured in the next "everyone's got-to-have-it" mushroom book.

Get those NAMA dues paid, start sorting through your slides for possible prize-winning shots, and see the March-April issue of NAMA's MYCOPHILE for detailed entry instructions. Those of you who aren't yet members of NAMA can get a copy of the instructions by writing to Steve Trudell, NAMA Photography Committee Chairperson, 646 Buchanan St., Davis, CA, 95616-3122.

Basic membership in NAMA costs \$15.00 per year. (NATS is affiliated with NAMA, so NATS members can join for \$12.00. Make your check out to NAMA, mail to NATS. You must join through NATS for the reduction in membership fee. ED.) Send a check payable to NAMA to Ann Hart, NAMA Membership Secretary, 336 Lenox Ave., Oakland, CA, 94610-4627.

Steve Trudell
Chairperson

ALASKA MUSHROOM STUDY TOUR

A Mushroom Study Tour of Alaska from August 5-17, 1987, will be led by Gary Lincoff, Andrew Weil, M. D., and Emanuel Salzman, M. D.

We will visit and foray in a variety of climactic zones with a diversity of mushroom flora.

We will meet with many of the outstanding professional and amateur mycologists in Alaska.

For further information, write Emanuel Salzman, c/o Fungophile, PO Box 5503, Denver, CO, 80217-5503.

My muse has gone and went
Poems, dittys and junk I've sent.
For NATS and truffles I'm completely
spent
To chronicle one more truffle event.

The problem of dry out you all know
This situation just goes to show,
Please give us help with the lighter
side
About truffles and forays on which
we go.
Rack your brain, you're better than
you know.

So send in your ditty
You all are quite witty,
Give us a chuckle or laugh if you
please
I'm dried out, and begging on my
knees.

Wanda Pavelek
Ex-poet laureate

ADDITIONS to the NATS library in-
clude the following gifts to NATS
from the Triangle Area Mushroom
Club, Chapel Hill, North Carolina:

The North American
Truffling Society, Inc.
P. O. Box 296
Corvallis, OR. 97339



1. A REVISION OF THE TUBERALES OF CALIFORNIA by H. M. Gilkey, 1916.
2. TUBERALES OF NORTH AMERICA by H. M. Gilkey, 1939.
3. CALIFORNIA HYPOGAEOUS FUNGI by H. W. Harkness, 1899.

These publications, as well as most other publications in the NATS library, may be checked out by contacting Librarian Don Johnson, P. O. Box 296, Corvallis, OR. 97339, or by telephone: Lebanon 542-8394.

Thank you, Triangle Area Mushroom Club, for these additions to the library!

While I was out truffling near Shedd,
I nicked a 'lil vole on the head,
It squealed with delight
Because in its fright
It fell in a Tuber gibbosum bed.

Evedene Bennett
Albany, OR.

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