

NATS CURRENT NEWS

Monthly publication for
THE NORTH AMERICAN TRUFFLING SOCIETY, INC.
P. O. Box 296
Corvallis, OR. 97339

April 1987

Editor: Pat Rawlinson

Vol. 5 No. 4

- President: Henry Pavelek, 32566 Peoria Rd., Albany, OR, 97321, 753-6384.
- Vice President: Dr. Steven Miller, P. O. Box 3004-203, Corvallis, OR, 97339, 757-4408.
- Secretary: Norene Wedam, 423 Dover Ct., Jefferson, OR, 97352, 327-3661.
- Treasurer: Welles Bushnell, 481 Lancaster Dr. N. E., Salem, OR, 97301, 585-4215.
- Immediate Past President: Frank Morris, 2915 N. W. Garfield, Corvallis, OR, 97330, 754-9362.
- Board Member-at-Large: Frank Evans, 808 N. W. Merrie Drive, Corvallis, OR, 97330, 752-5480.
- Membership: Vernon Moore, 31831 Berlin Rd., Lebanon, OR, 97355, 451-4252.
- Trufflemaster: Steve Morgan, P. O. Box 157, Corvallis, OR, 97339, 752-3218.
- Librarian: Don Johnson, 38644 Green Drive, Lebanon, OR, 97355, 542-8394.
- Newsletter Editor: Pat Rawlinson, 34197 NE Colorado Lake Drive, Corvallis, OR, 97333, 752-2243.

FORAY, Saturday, April 4, 1987 to Peterson's Butte property of Scott and Louise Wheeler. Meet at Benton Center, 630 NW 7th, Corvallis, OR., at 9:00 A. M. Those coming from other areas east of Corvallis, meet at VIPS parking lot, I-5 and Hwy 34 interchange, at 9:30 A. M.

Dress for the weather, and bring a lunch.

For more information, or for a ride to Benton Center, call Steve Morgan at 752-3218.

Steve Morgan
Trufflemaster

MEETING, Monday, April 6, 1987, 7:30 P. M., Large Conference Room, Forest Sciences Lab, 3200 Jefferson Way, Corvallis, OR.

Dr. James Trappe will speak on "Phylogeny and Evolution in Ascomycetes." Dr. Trappe is the Chief Scientific Advisor for NATS, and a popular speaker among mycological societies all over the world.

For more information, call Steven Miller, 757-4408.

PORTLAND CHAPTER OF NATS MEETING AND FORAY, Saturday, April 11, 1987. For details of the meeting time and place, contact Dan Wheeler, 774-0223.

PRESIDENT'S COMMENTS

Good golfers replace their "divots" to leave the area as nearly natural as possible. Good skiers smooth off their "sitz" marks for other skiers that follow them. Good truffle rakers smooth off their "rakings" to leave the area as natural looking as possible.

It behooves us, as members of a professional society, to set the example for others to follow. Today, many others besides society members are searching for truffles.

Since truffle rakers rake, and do not dig, it is easy to smooth off an area that is raked. In my own case, I find that I can smooth off an area much better by using the side of my foot rather than using the rake for that purpose. When the job is done, there should be no "humps" or "dips" in the raked areas.

There are at least four rewards for people replacing their rakings properly. First, there is the personal satisfaction that you have left the area looking as natural as possible. Secondly, I often find truffles that I had overlooked as I am smoothing over an area. Thirdly, and very importantly, if you expect to find truffles in succeeding years in the same area, they seem to need that replaced cover of duff or moss to do well. It is particularly important to get the rakings over exposed roots and rootlets and up to the base of the tree.

I have had reports from others that some past fruitful areas are now dried up. The reason could be that someone did not do a good job of restoring the area properly. It must be remembered that there is a variation, from year to year, in the fruiting of truffles. However, I have had the experience of finding truffles under the same tree each year for the past five years! I plan to continue looking under this same tree for years to come to see if this production can be sustained. I would like to see others look under the same producing tree for several years to see if we can find a trend.

Fourthly, we can avoid public criticism of truffling activities if we do a good job of restoring truffled areas and if we encourage non-members to do so.

As trufflers, we also need to avoid doing damage to the many flowering plants occurring in forests, particularly any rare or endangered plants. We need to be able to recognize them in their various stages of growth and avoid raking where they occur. After all, we have many areas where endangered species do not exist and where we can truffle to our heart's content.

Henry Pavelek
NATS President

POISON OAK

Reprinted from MYCOLOG, newsletter for Humboldt Bay Mycological Society, March, 1987.

Many mushroom hunters are the victims of the poison oak plant which may grow in prime hunting times. A recent article in the LOS ANGELES TIMES indicates that Dr. William Epstein may have found a way to protect humans from poison oak. What is the solution to this problem which Dr. Epstein has taken 30 years of research to find? It is mud!

But not just any mud. Dr. Epstein has found that organic clay filler, as used in antiperspirants, binds with urushiol, the toxic ingredient in poison oak, and renders it inactive. "We got a can of deodorant off the shelf and sure enough, it seemed to work," Dr. Epstein said. According to Dr. Epstein, at least half of the U. S. population is somewhat sensitive to urushiol, with about 30 million people acutely sensitive.

The organic clay filler will be marketed as "Ivy Block." It will be available sometime this year. It disappears when rubbed into the skin and it works for up to 24 hours in blocking poison oak, even when exposed to water. It was tested on 60 U. S. Forest Service employees who were especially sensitive to poison oak; they were enthusiastic about its protective power, and there were no side effects from using it.

So---if you are sensitive to poison oak, find some Ivy Block before going on your next mushroom (or truffle) hunt. Or, if Ivy Block isn't available yet, you can always reach for a can of deodorant.

NATS EXCHANGES newsletters with 26 mycological societies in the U. S. and Canada. Contact librarian Don Johnson for information on these newsletters and how you might check them out to read.

Also in the NATS library are many interesting articles, recipes and publications of interest to all NATS members.

1986 FINDS

5/18/86	Harrisburg, OR, N 44 16'27" W 123 10'10"		
	<i>Scleroderma</i> sp.		Evedene Bennett Vi Falk
5/24/86	Lost Prairie Campground, Santiam Pass, Linn County, OR, N 44 24'15" W 122 04'30"	4000'	
	<i>Hymenogaster sublilacinus</i> Smith		Vern Moore
9/06/86	Black Rock Road, west of Falls City, OR, N 44 52'16" W 123 29'42"	2000'	
	<i>Martellia</i> sp.		Nels Larson
	<i>Radiigera fuscogleba</i> Zeller		Henry Pavelek
	<i>Rhizopogon ochraceisporus</i> Smith		Henry Pavelek
	<i>Rhizopogon villosulus</i> Zeller		Nels Larson
	<i>Rhizopogon vinicolor</i> Smith		Henry Pavelek
	<i>Tuber gibbosum</i> Harkn.		Betty Smith
	<i>Tuber murinum</i> Hesse		Steve Morgan
	<i>Tuber</i> sp. (close to <i>T. monticolum</i>)		Betty Smith
10/18/86	Puget Sound area of Washington TBA		Henry Pavelek
	<i>Rhizopogon</i> sp.		Henry Pavelek
11/8/86	South of Hwy 26 at MP 7, Columbia County, OR, N 45 56'00" W 123 50'00"	200'	
	<i>Martellia vesiculosa</i> Sing. & Smith		Dan Wheeler
11/9/86	Near Eight Dollar Mountain, Josephine County, OR, N 42 15'29" W 123 39'38"	1200'	
	<i>Rhizopogon rubescens</i> Tul. & Tul.		Vernon Hill
11/12/86	Woods Creek Road, Benton County, OR, N 44 32'52" W 123 23'57"	1100'	
	<i>Hysterangium setchellii</i> Fischer		Veva Stansell
11/12/86	Meissner Road, Columbia County, OR, N 45 58'53" W 123 16'00"	800'	
	<i>Tuber gibbosum</i> Harkn.		Henry Pavelek
11/21/86	Paul Bishop's Tree Farm, Beaver Creek, OR, N 45 16'47" W 122 33'31"	500'	
	<i>Alpova diplophloeus</i> (Zell. & Dodge)		Vernon Hill
11/28/86	Eight miles SE of Waldport, OR, N 44 21'00" W 124 01'15"	700'	
	<i>Hydnotrya cubispora</i> (Bess. & Thomps.)		Trappe & Smith
12/12/86	Green River Road, Sweet Home, OR, N 44 23'30" W 122 42'28"	400'	
	<i>Barssia oregonensis</i> Gilkey		Dan Wheeler
			Gilkey
			Leeds Bailey
			Vern Moore

TRUFFLE OF THE MONTH

Genea intermedia Gilkey

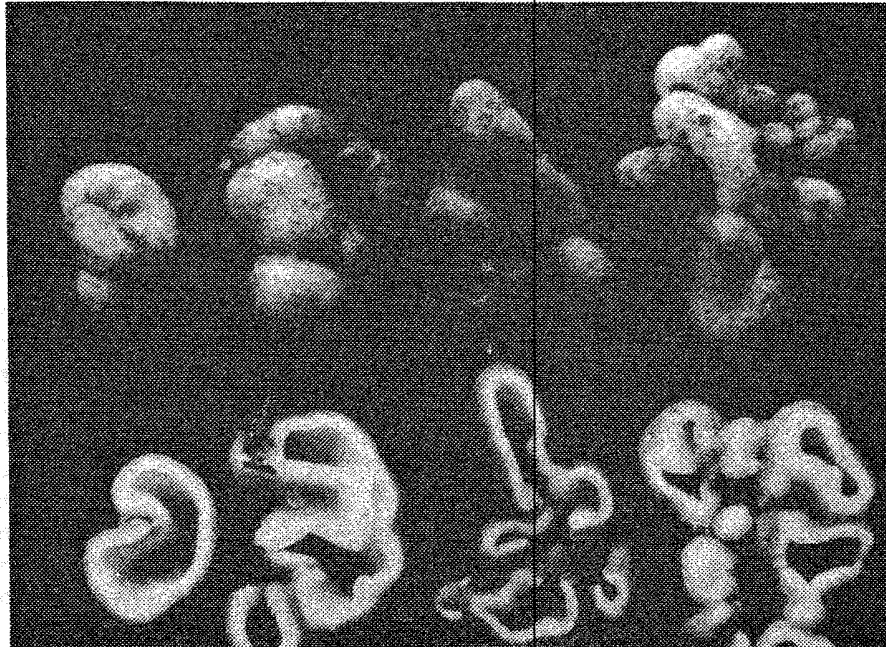


Photo by Dr. James Trappe
From NATS photo packet

ORDER: Ascomycetes

DESCRIPTION:

by Dr. Steven Miller

SPOROCARPS: 0.5-3.0 cm diameter, subglobose to irregularly lobed, hollow with conspicuous convolutions, typically with a single, small, often concealed opening above, often with a small basal knot of soil and mycelium below; very brittle and plastic-like.

PERIDIUM: Surface verrucose, or with small, irregularly shaped and spaced warts; orange white to pale orange when young, soon becoming reddish white or pastel red, often lighter between lobes and darker near the opening, in age frequently mottled greyish red or brownish red, verrucae or warts concolorous with surface or slightly darker; in cross section the peridium watery pinkish white, 1-2 mm thick.

GLEBA: A hymenium lining the central cavity and lobes, smooth or slightly felted, 1-2 mm thick.

ODOR: mild unless kept in an enclosed container, then metallic sharp, disagreeable.

TASTE: not distinctive.

HABITAT: on surface of mineral soil beneath needle litter or moss, or slightly buried in soil. Associated with Douglas fir in the spring.

GLOSSARY

Hymenium - spore bearing surface
Verrucose - covered with small wart-like outgrowths.

EDIBILITY: Edible. NATS has not developed any recipes using this species, other than freshly chopped in salads where it adds a crisp and crunchy texture.

FEBRUARY 1987 FINDS

2/01/87	Near Newberg, OR, N 45 18'01" W 122 58'19"	600'	Barssia oregonensis Gilkey	Roger Knight
2/02/87	Near Bellfountain, OR, Benton County N 44 21'50" W 123 21'15"	400'	Hymenogaster parksii Zeller & Dodge	Vern Moore
2/03/87	Four miles east of Colton, OR, N 45 07'16" W 122 24'15"	1200'	Melanogaster euryspermus(Zell, & Dodge) Tuber gibbosum Harkn	Zeller, Welles Bushnell SAA
2/06/87	Five miles from Lebanon, OR, N 44 32'12" W 122 54'21"	310'	Rhizopogon vinicolor Smith Tuber sp., immature	Vern Moore SAA
2/07/87	McDonald Forest Study Area, Benton County, OR, N 44 39'00" W 123 20'37"	1000'	Hymenogaster parksii Zeller & Dodge Michelle Mills, Vern Moore, Norene Wedam Hymenogaster sp., immature	Welles Bushnell Henry Pavelek, Dennis Wedam, Pat Rawlinson
2/07/87	McDonald Forest, Patterson Road, Benton County, OR, N 44 38'10" W 123 17'45"	1200'	Genea intermedia Gilkey Hymenogaster parksii Zeller & Dodge Tuber californicum Harkn Tuber gibbosum Harkn	Welles Bushnell Steve Morgan Henry Pavelek Dennis Wedam Welles Bushnell Henry Pavelek
2/07/87	Paul Bishop's Tree Farm, Beaver Creek, OR, N 45 16'47" W 122 33'31"	500'	Barssia oregonensis Gilkey Endogone flammicorona Trappe & Gerd Hymenogaster sp., immature Rhizopogon villescens Smith(2 coll. each) Rhizopogon sp., immature Tuber gibbosum Harkn	Roger Knight Dan Wheeler Roger Knight Dan Wheeler Roger Knight Dan Wheeler Roger Knight(2) Dan Wheeler
2/08/87	Two miles west of Naselle, WA, TBA		Elaphomyces granulatus Fr	Dan Wheeler
2/14/87	Paul Bishop's Tree Farm, Beaver Creek, OR, See above		Barssia oregonensis Gilkey Genabea cerebriformis(Harkn.)Trappe Tuber californicum Harkn	Roger Knight Dan Wheeler(2) Dan Wheeler Roger Knight

12/13/86 Paul Bishop's Tree Farm, Beaver Creek, OR.
N 45 16'47" W 122 33'31" 250'

Alpova diplophloeus(Zell. & Dodge) Trappe & Smith, Marvin Johnson
Geopora cooperi Harkn. f. cooperi Frances Boat
Rhizopogon parksii Smith, Marvin Johnson
Tuber gibbosum Harkn(2 coll.) SAA
Tuber sp., immature Frances Boat

JANUARY 1987 FINDS

1/03/87 Paul Bishop's Tree Farm, Beaver Creek, OR.
N 45 16'47" W 122 33'31" 510'

**Elaphomyces sp. novum Dan Wheeler
Engogone flammicorona Trappe & Gerd SAA
Genea gardneri Gilkey SAA
Hymenogaster parksii Zeller & Dodge SAA
Martellia sp., immature SAA
Rhizopogon hawkeriae Smith(2 coll.) SAA
Rhizopogon parksii Smith SAA
Rhizopogon zelleri Smith SAA
Tuber sp., immature SAA

1/10/87 Hwy 26, 5 miles east of Sandy, OR.
N 45 22'07" W 122 09'45" 800'

Alpova diplophloeus(Zell. & Dodge) Trappe & Smith, Chad S. Murphy
Dan Wheeler(2 coll.)
Hydnotrya sp., immature Dan Wheeler

1/11/87 Rooster Rock, Multnomah County, OR.
N 45 32'28" W 122 15'07" 100'

Endogone flammicorona Trappe & Gerd Dan Wheeler
Rhizopogon villosulus Zeller(2 coll.) SAA

1/16/87 Cline Hill, Hwy 20, Benton County, OR.
N 44 37'10" W 123 38'44" 700'

Hymenogaster parksii Zeller & Dodge Henry Pavelek

1/26/87 Bellfountain, OR., Benton County
N 44 24'35" W 123 20'26" 400'

Tuber sp., immature Vern Moore

1/29/87 Bellfountain, OR., Benton County
SAA

Tuber gibbosum Harkn Don Johnson
Vern Moore

1/31/87 Paul Bishop's Tree Farm, Beaver Creek, OR.
N 45 16'47" W 122 33'31" 510'

Hymenogaster gilkeyae Zeller & Dodge Dan Wheeler
Rhizopogon gilkeyae Smith SAA
Tuber gibbosum Harkn SAA
Immature species(3 collections) SAA

- 2/14/87 Two miles south of Beavercreek, Clackamas County, OR,
N 45 17'17" W 122 32'04" 650'
- Barssia oregonensis* Gilkey Dan Wheeler
Hymenogaster parksii Zeller & Dodge(2 coll.) SAA
Martellia sp., immature(3 coll.) SAA
Rhizopogon villescens Smith SAA
Rhizopogon vinicolor Smith SAA
Tuber californicum Harkn. SAA
- 2/15/87 Two miles south of Beavercreek, Clackamas County, OR,
See above
- Barssia oregonensis* Gilkey Dan Wheeler
Genea gardneri Gilkey SAA
Hymenogaster parksii Zeller & Dodge(2 coll.) SAA
Hymenogaster sp., immature(2 coll.) SAA
Martellia sp., immature SAA
Tuber californicum Harkn.(2 coll.) SAA
- 2/18/87 Ten miles east of Silverton, OR,
N 44 00'19" W 122 46'55" 1300'
- Hymenogaster parksii* Zeller & Dodge Welles Bushnell
Hymenogaster sp., immature SAA
Tuber sp., immature SAA
- 2/28/87 Two miles south of Beavercreek, Clackamas County, OR,
See above
- Barssia oregonensis* Gilkey(2 coll.) Dan Wheeler
Hymenogaster parksii Zeller & Dodge(3 coll.) SAA
Martellia brunnescens Sing. & Smith SAA
Melanogaster euryspermus(Zell. & Dodge)Zeller SAA
Rhizopogon sp., immature SAA
Tuber sp., immature SAA
- 2/28/87 Union Mills, OR, Clackamas County
N 45 11'59" W 122 33'27" 550'
- Tuber* sp., immature Dan Wheeler

MARCH 1987 FINDS

- 3/01/87 Rooster Rock, Multnomah County, OR,
N 45 32'28" W 122 15'07" 100'
- Rhizopogon subcaerulescens* Smith Dan Wheeler
Rhizopogon sp., immature SAA
- 3/05/87 Near Holman Wayside Park, Polk County, OR,
N 44 56'00" W 123 06'07" 200'
- Hymenogaster* sp., immature Welles Bushnell
Rhizopogon vinicolor Smith SAA
Tuber sp., immature SAA

COMMENTS FROM DR. TRAPPE

Barssia oregonensis Gilkey, collected by Vern Moore, 12/12/86, is usually a spring truffle(March-June), rare in winter.

Rhizopogon gilkeyae Smith, collected by Dan Wheeler, 1/31/87, is RARE!

NATS WELCOMES the following new members: Suzy Olsen, San Antonio, TX.; Howard Beguelin, Estacada, OR.; Gerald Barclay, Edward Trione, Corvallis, OR.

A MYCOLOGIST TURNING A TWIG
FOUND HIMSELF FACE-TO-FACE WITH
A PIG
SAID THE PIG WITH A SNUFFLE
"YOUNG MAN, THAT'S MY TRUFFLE
GO FIND OTHER TUBERS TO DIG."

From Mycological Society of America
Newsletter, June 1986, page 13.

CREAM PUFF APPETIZERS

Norene Wedam

½ cup butter
1 cup boiling water



The North American
Truffling Society, Inc.
P. O. Box 296
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1 cup flour
¼ teaspoon salt
4 eggs

Melt the butter in the 1 cup boiling water. Add the 1 cup flour. Stir vigorously until it forms a ball. Remove from heat. Add eggs, one at a time, beating until smooth.

Drop by tablespoons on a greased cookie sheet. Bake at 400 degrees until browned, about 30 minutes. Remove from oven. Split. Cool. Remove inner dough. Fill the hollow with a mixture of grated Tuber gibbosum, softened butter and creamed cheese. Replace halves of cream puffs. Serve.

These would be excellent using Picoa carthusiana, Melanogaster sp., Geopora cooperi, or why don't you experiment with a different species of truffle and let us know how they taste!

BULK RATE
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