



NATS CURRENT NEWS

Monthly publication for
THE NORTH AMERICAN TRUFFLING SOCIETY, INC.
P. O. Box 296
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FORAY, May 2-4, 1986, to the Klamath Falls area. This will be an overnight camping foray. Plans are to leave Corvallis at 4:00 PM on Friday, May 2, 1986. Please contact Steve Morgan, 757-3239, if 1) you have space in your car for passengers 2) you need a ride 3) you need further information.

Camping is available at Rocky Point Campground. All truffleers will meet here at 9:00 A. M. on May 3, 1986 to go truffling at Lake of the Woods and other area locations.

To reach Rocky Point Campground, travel west from Klamath Falls on Hwy 140 to the Tomahawk Ski Area, where you will see signs for Rocky Point Campground. This campground is located in a scenic spot in the Upper Klamath Lake area, bordering the Upper Klamath National Wildlife Refuge and at the base of Pelican Butte.

Welles Bushnell will lead this foray, joined by Peggy Rice in Klamath Falls. For further information, call Steve Morgan, Corvallis 757-3239; Welles Bushnell, Salem 585-4215; Peggy Rice, Klamath Falls 884-3208.

Steve Morgan
Trufflemaster

MEETING, Monday, May 5, 1986, 7:30 P. M., Large Conference Room, Forest Sciences Lab, 3200 Jefferson Way, Corvallis, OR.

Iwan Ho will speak on his trip to China during the summer of 1985. Iwan works on Hormones and Enzymes of Mycorrhizal Fungi at the Forestry Sciences Laboratory. He is sponsored by Academia Sinica, and he was invited to China to speak on his work. The presentation on Monday evening will be on this trip to China.

Dan Luoma
Program Chairman

PRESIDENT'S COMMENTS

I was unable to attend the April foray. The highlight of our April meeting was a well prepared and thought provoking talk by Chris Maser. He pointed out some very interesting facts regarding soils, mycorrhizae, small mammals and forestry practices in Europe, and how they may affect our forests if we continue to do likewise. It was a great presentation, Chris!! More of you members should have been there. Dan Luoma is doing a superb job in arranging our programs. Keep future

meetings in mind. There will be more good ones!!

We hope to meet with Peggy Rice and friends from the Klamath Falls area on our next foray in May. We received a nice letter from Peggy volunteering to meet with us and probably offering to set up forays in their area. She stated that they were quite knowledgeable about mushrooms there, but were seeking information and experience in truffling. We hope to have an exchange and to teach them all they will need to know to set up future forays on their own. We can teach them about data cards, care of collections, proper packaging and mailing of specimens to Dr. Trappe for identification. It was so very nice of her to volunteer!

It was my bad luck to catch a nasty cold the first weekend in April. My wife and I attended the state convention of the Oregon Small Woodlands Association in Albany. It was a good meeting and we learned some things about tree farming. While there I talked with Bob Mahaffy about a similar foray to the Coos Bay area. I told Bob we will try to make contact with him either in June or in the fall of this year. Bob manages about 1500 acres of timber and trees east of Coos Bay. Are you reading this Mr. Trufflemaster Morgan?? Now if we can twist Dan Wheeler's arm and Alan Foster in Newberg and get them to lead some forays in their part of the territory, i. e. in the Portland area, Columbia River, Mt. Hood, Yamhill and upper Willamette Valley, we will be much closer to what our founder, Tony Walters, would like to see us accomplish. Incidentally, Tony will be managing the Ollalie Lake Resort this summer. I understand it is a beautiful spot north of Mt. Jefferson, probably on the Warm Springs Indian Reservation or very nearby. Hope you have a great summer, Tony and Mary!

Sequel to last month's comments:

I just returned from the tree farm after examining those last

plantings. All the Douglas fir seedlings are doing fine. Only a few have broken bud and are sending out the light green tender new growth that deer like so well. Most of the fir has not been touched, but the cedar has been badly browsed. I set out little cloth bags of bloodmeal powder protected by plastic cups. I also sprinkled a mixture of Magic Circle bone tar oil and Baker Creek water. It smells AWFULLY BAD and hopefully it will keep the deer and elk away from our seedlings.

I urge you all to attend the next meeting May 5th and hope to see a lot of you on the foray to the Klamath Falls area. Good truffling.

Frank Morris
NATS President

Our renowned NATS mentor uses
strange oratory
About odd sized truffles sent
to his labor-a-tory.
All have heard from Jim Trappe
"Henry, this minute tuber
is blankety-blank crappy."

Tony Walters raked some huge
Tuber gibbosum
Jim deemed them in girth
quite awesome.
Most NATS members finding
a good clutch
Are extremely happy
to get so much.

All you trufflers
do not despair
The edible tubers
are surely there.
Send to the lab
a representative kind
Spring is here, now
rake and boggle Jim's mind.

WP

Order your slide packet now. \$30.00 to members, \$35.00 to non-members, ppd. There are 40 slides in the packet.

SPACE SPICE

"Herbalgram" Winter 1986
Submitted by Rose Marie McGee

A new spice has been developed on the McCormick Schilling Earth Orbiting Research Platform. An offshoot of research on the growth of truffles in a zero-gravity environment, the spice is actually a minute parasite that was first discovered forming nodes on truffle roots in earth zero-gravity experiments.

This new flavoring agent is being cultivated on the orbiting research platform called Spice Aerospace McCor-Schill (SAMS), and is said to require a complete vacuum in which to grow.

The new spice called Orbitron truffelon is produced in space under exacting conditions and is reported to have a taste sensation similar to a combination of onion, garlic, clove and vanilla with "a hint of cooling freshness."

Orbitron is currently in high demand by haute cuisine restaurants. The selling price is \$2500 per ounce, but because of its high potency, only a very small amount is needed in food preparation. Current revenues are \$3 million per year, and the company expects to triple its sales each year as production increases. McCormick has invested \$125 million in the SAMS project. The company expects to be producing 30,000 ounces per year in the near future. (From a newsrelease of The American Society of Aerospace Pilots.)

SUNSET MAGAZINE ARTICLE

Last December SUNSET Staff Editor, Pamela Eimers, surveyed mushroom pickers, distributors, retailers, and mycological societies throughout the Western states. NATS was included in the survey, and NATS President, Henry Pavelek, answered the questionnaire.

Miss Eimers reports the input has been very helpful in getting a picture of what is available in the Western states on a retail level; where the mushrooms are coming from;

how they are distributed; active professional and hobby groups; and concerns of all parties involved with mushrooms. It proved to be a very complex and interesting subject.

Currently, the story is scheduled to run in the fall of 1986. Watch your SUNSET magazine for this article.

WANG YUN REPORTS FROM CHINA that he has identified three of the hypogeous fungi he collected last fall. One, Endogone flammicorona, has a strong aroma at maturity, unlike its North American counterpart which is nearly odorless at maturity.

The other two collections were Tuber sp. novum and Hysterangium sp. novum.

All three collections were made in a Pinus noreainsis plantation, 25-30 years old, and in soil just beneath the litter layer.

Wang will be out truffling as soon as the weather warms up a bit more. Thank you, Wang, for the report on your finds.

FUNGOPHILE STUDY TOUR

This summer Fungophile has organized a two week natural history and mushroom study tour of Costa Rica. It will be led by David Arora, author of MUSHROOMS DEMYSTIFIED, Gary Lincoff, President of NAMA, and Dr. Emanuel Salzman, founder of the Teluride Mushroom Conference. Dr. Rolf Singer has been invited to accompany us on this tour. In addition, we are planning to meet with several resident naturalists who are specialists in the flowering plants, birds, butterflies, and howler monkeys of Costa Rica. We hope to collect with Dr. Luis Diego Gomez, of the Natural History Museum of Costa Rica, who is one of the country's preeminent naturalists, and who is co-authoring, along with Dr. Singer, a series of papers on the Basidiomycetes of Costa Rica.

We will collect, study and identify plants and mushrooms.

There are a number of intriguing edible and useful wild plants in Costa Rica that never appear in markets in the U. S. A. The mushrooms of the oak forests include a number of familiar Amanitas and an often abundant, diverse and unusual bolete flora, while the cloud/rain forests and lowland mushrooms include many tropical exotics. To the extent that we are able we will contribute to the continuing study of the Basidiomycete flora of Costa Rica.

For further information, contact:

Emanuel Salzman
c/o Fungophile
P. O. Box 5503
Denver, CO. 80217-5503
Tel: 303-296-9359

TELLURIDE MUSHROOM CONFERENCE

The sixth annual Telluride Mushroom Conference will be held in Telluride, Colorado, August 21-24, 1986. The conference is designed for persons interested in the study and cultivation of wild mushrooms.

The faculty includes Wade Davis, Research Assoc., Harvard University, who will address a plenary session of the Conference on The Zombi Phenomenon in Haiti.

Courses will be conducted by Gary Lincoff, President of NAMA, on mushroom identification; Andrew Weil, University of Arizona, on psychoactive mushrooms; Wade Davis on the use of psychoactive plants in shamanistic medicine; Rick Kerigan on mushroom cultivation; John Corbin on growing mushrooms on straw; and Linnea Gillman on tree/mushroom connections.

Daily forays will be led by experienced guides into the surrounding mountains. The forests surrounding Telluride are productive of a wide variety of wild mushrooms, particularly the edible species.

For further information, contact: Emanuel Salzman, same address and phone number as above article.

CULINARY CORNER

Truffled Rice

Submitted by Norene Wedam

1 cup long grain brown rice
2 cups water
½ t salt
3 T butter
Optional: fresh herbs such as:
large bunch parsley
caraway leaves
lovage, chives tarragon or
mint

Cook rice and other ingredients. When rice is done, top with your choice of grated cheddar or mozzarella cheese. Put under broiler briefly, if necessary, to melt, but not brown, the cheese. Remove and sprinkle with grated truffle. Serve immediately from pan as the aromatic oils of the truffle are released.

Cooking Tip

Norene Wedam

A bit of nutmeg, when added while cooking, will enhance the flavor of fungi. Use just enough nutmeg to barely taste as it will overpower the delicate fungi flavor. Other ingredients that enhance flavor are dairy products such as butter, cream and cheese. Light oils are also beneficial.

TRUFFLE SALAD

Edoardo Miroglio, Alba, Italy
From an article titled "Hunting for Truffles" by Nadine Frey for WOMEN'S WEAR DAILY, December 13-20, 1985.

Line a shallow glass bowl with a fine layer of thinly sliced truffles. (T. magnatum in Italy, but T. gibbosum will work here) Then add a layer of shaved parmesan cheese. Add one more layer of truffles. Then, on top, drizzle a small amount of olive oil and some lemon--it's pungent and aphrodisiacal!

- 4/05/86 Pittsburg-Vernonia, OR, road, 5 miles south Hwy 30,
N 45 50'30" W 123 05'15" 1200'
Hymenogaster parksii Zeller & Dodge, Dennis Wedam
Rhizopogon vinicolor Smith, SAA
- 4/05/86 Cornelius Pass, Columbia County, OR,
N 45 36'33" W 122 51'43" 500'
Rhizopogon vinicolor Smith(2 coll.), Dennis Wedam
Tuber californicum Harkn., immature, SAA
- 4/05/86 Scappoose-Vernonia Rd., 6 miles W Scappoose, Columbia County, OR,
N 45 46'55" W 122 54'36" 500'
Hymenogaster parksii Zeller & Dodge, Paul Iwai
Hysterangium coriaceum Hesse, Steve Morgan
Rhizopogon vinicolor Smith(2 coll.), SAA
- 4/06/86 Three miles south of Hwy 34 on Peoria Road, Linn County, OR,
N 44 31'42" W 123 12'08" 250'
Hysterangium coriaceum Hesse, Henry Pavelek
**Peziza gautierioides sp. novum, Lou Geil
Henry Pavelek
Tuber sp., immature, Henry Pavelek
- 4/07/86 Three miles south of Hwy 34 on Peoria Road, Linn County, OR,
SAA
Hysterangium coriaceum Hesse, Henry Pavelek, Jr.
**Peziza gautierioides sp. novum, SAA
- 4/09/86 Elkton, OR., 1/2-1 mile before Phipps Nursery,
N 43 38'16" W 123 34'01" 200'
Barssia oregonensis Gilkey, Gary Menser
Gymnomyces sp., SAA
Helvella sp. (3 coll.), SAA
Hymenogaster sp. (2 coll.), SAA
Radiigera sp., immature, SAA
Tuber rufum var. nitidum(Vitt.) Fischer, SAA
Tuber sp., immature(3 coll.), SAA

COMMENTS FROM TRAPPE

Rhizopogon occidentalis Zeller & Dodge, collected by Marie Bailey, 2/28/86, may be the latest in winter that this species has been recorded.

Picoa sp. novum, collected by Ted Johnson, 3/01/86. Two other collections of this undescribed species have turned up in past years, from near Harlan and from Woods Creek on Mary's Peak, Benton Country, OR.

Tuber gibbosum Harkn., collected by Maury Haseltine, 3/07/86, will have pieces of the specimen analysed for mineral content.

Hysterangium sp. novum, collected by Henry Pavelek, 3/22/86, is the large spored undescribed species that we have found over the years on Woods Creek. Michael Castellano is going to describe it.

Rhizopogon vinicolor Smith, collected by Welles Bushnell, 3/24/86, is to be used by Michael Castellano in nursery inoculation experiments.

Rhizopogon vinicolor Smith, collected by Steve Morgan, 4/05/86, will be used by Michael Castellano in nursery inoculations.

NATS LIBRARIAN, Ann Fagnan, has had to resign for personal reasons, and Steve Morgan has volunteered to be the new librarian. Thank you, Ann, for a job well done, and to Steve for taking on yet another task.

Donations to the library, in the form of articles, books and recipes, are always welcome. A listing of materials in the library is available for \$1.00 ppd. Most materials can be checked out and/or xeroxed.

Please continue to send requests for library materials to: NATS, PO Box 296, Corvallis, OR. 97339.

LARGE TUBER GIBBOSUM FOUND

Maury Haseltine, Olympia, WA., found some very large T. gibbosum Harkn. while digging in her herb bed, March 7, 1986. One collection, with some mature spores present, weighed 150 grams and measured 9 x 8.6 x 6.5 cm. A second collection, weighing 60 grams, measured 6.4 x 5.8 x 5 cm. Pieces of the larger collection will be analysed for mineral content.



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

The only herb introduced recently was English thyme, next to which the truffles were found. The only fertilizer used in the past two years has been steer manure and epsom salts.

Won't it be interesting to see if the truffles fruit again next year?

BLOOPERS

The April newsletter stated that NATS had twelve(12) pages of recipes for sale at 50 cents, plus 39 cents postage. Not so! There are only six(6) pages of recipes for the quoted price. To any and all who sent for the twelve pages, and received only six, my apologies.

To Ted Johnson, Portland, who found a very nice collection of Pico sp. novum on the April foray, (see President's Comments), my apologies for giving credit to one "Ted Anderson," whomever he may be. Keep up the good work, Ted Johnson!

Editor

JANUARY 1986 FINDS

1/09/86 Berlin Road, Central Linn County, Lebanon, OR.
N 44 28'56" W 122 44'37" 1000'

**Picoa sp. novum.....Don Johnson

FEBRUARY 1986 FINDS

2/28/86 1½ miles north Waldport, Oregon
N 44 26'45" W 124 04'22" 100'

Rhizopogon occidentalis Zeller & Dodge.....Marie Bailey

2/28/86 Paul Dunn Forest, Benton County, OR.
N 44 42'50" W 123 17'50" 400'

Genea intermedia Gilkey.....Henry Pavelek

Hymenogaster parksii Zeller & Dodge.....SAA

Tuber sp., immature.....SAA

MARCH 1986 FINDS

3/01/86 Trenholm Saddle Road, 14 miles west of Alsea, OR., Benton County
N 44 22'50" W 123 45'40" 450'

Hymenogaster parksii Zeller & Dodge.....Ted Johnson
Steve Morgan, Henry Pavelek(2 coll.), Pat Rawlinson(2 coll.)
Dennis Wedam(2 coll.), Norene Wedam

Leucophleps spinispora Fogel.....Dennis Wedam

Martellia sp., immature.....Dennis Wedam
Norene Wedam

**Picoa sp. novum.....Ted Johnson

Rhizopogon vinicolor Smith.....Welles Bushnell
Steve Morgan(2 coll.)

3/01/86 ½ mile west of Mary's Peak Summit, Hwy 34, Benton County
N 44 27'43" W 123 30'30" 600'

Hymenogaster parksii Zeller & Dodge.....Henry Pavelek

Hysterangium sp.....SAA

Rhizopogon vinicolor Smith.....SAA

3/07/86 3820 Sunset Beach Drive NW, Olympia, WA. Thurston County
N 47 05'12" W 122 57'31" 20'

Tuber gibbosum Harkn.....Maury Haseltine

3/07/86 Nalalena, Spain
TBA

Elaphomyces granulatus Fries.....Gary Menser

Tuber melanosporum Vitt.....SAA

3/09/86 Cahors, France
N 44 27'00" E 01'26'00"

Tuber melanosporum Vitt.....Gary Menser

3/10/86 Paul Dunn Forest, Benton County, OR.
N 44 42'50" W 123 17'50" 1100'

Hymenogaster parksii Zeller & Dodge(3 coll.).....Welles Bushnell

Hysterangium crassirhachis Zeller & Dodge.....SAA(2 coll.)

Rhizopogon vinicolor Smith(2 coll.).....SAA

Tuber sp., immature.....SAA

- 3/13/86 Milepost 22 on Hwy 6, Wilson River Hwy
N 45 33'50" W 123 34'05" 400'
Rhizopogon vinicolor Smith.....Welles-Mayetta
Bushnell
- 3/13/86 Four miles north of Beaver, OR., Hwy 101
N 45 19'30" W 123 50'52"
Hydnotrya sp., immature.....Welles Bushnell
- 3/18/86 Seven miles NE Brownsville, OR., Linn County
N 44 27'52" W 122 53'49" 950'
Genea intermedia Gilkey.....Dan Wheeler
Hymenogaster parksii Zeller & Dodge(2 coll.)...SAA
Hysterangium crassirhachis Zeller & Dodge.....SAA
Martellia sp., immature.....SAA
Rhizopogon vinicolor Smith(3 coll.).....SAA
Tuber sp., immature.....SAA
- 3/20/86 Beguelin Property, Morgan Road off Hwy 211, Clackamas County, OR.
N 45 17'23" W 122 19'57" 1200'
Hymenogaster parksii Zeller & Dodge(2 coll.).....Welles Bushnell
Hysterangium coriaceum Hesse.....SAA
- 3/22/86 Decker Road-Beaver Creek, Benton County, OR.
N 44 26'55" W 123 23'52" 600'
Hymenogaster parksii Zeller & Dodge(2 coll.).....Henry Pavelek
**Hysterangium sp. novum.....SAA
Tuber sp., immature.....SAA
- 3/24/86 Van Duzer Corridor, 1½ miles west of Tillamook County line, Hwy 18
N 45 01'43" W 123 49'12" 700'
Hydnotrya sp., immature.....Welles Bushnell
Rhizopogon vinicolor Smith(2 coll.).....SAA
- 3/24/86 12 miles from Willamina, OR., on Willamina Creek Road,
N 45 13'38" W 123 28'05" 700'
Hymenogaster parksii Zeller & Dodge.....Welles Bushnell
- 3/30/86 Cinabar Road, near Mayfield Lake, WA.
N 46 40'32" W 122 34'05" 850'
Endogone lactiflua Berk. & Br.....Dennis Wedam
- 3/31/86 Dawson Tree Farm, Dallas, OR., Polk County
N 44 55'10" W 123 18'57" 400'
Genea intermedia Gilkey.....Welles Bushnell
Hymenogaster parksii Zeller & Dodge.....SAA
Rhizopogon colossus Smith.....SAA
Rhizopogon vinicolor Smith.....SAA

APRIL 1986 FINDS

- 4/05/86 Thirteen miles west of Scappoose, OR., on Hwy to Spitzenberg, OR.
N 45 48'35" W 122 56'35" 700'
Martellia brunnescens Sing. & Smith.....Welles Bushnell
Rhizopogon vinicolor Smith.....SAA