

NORTH AMERICAN TRUFFLING SOCIETY  
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NATS CURRENT NEWS

Monthly publication for  
THE NORTH AMERICAN TRUFFLING SOCIETY, INC.  
P. O. Box 296  
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August-September 1987

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Vol. 5 No. 6

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FORAY, Saturday, August 1, 1987, to Rickreall Creek, near Dallas, OR.

Meet at Benton Center, 630 NW 7th, Corvallis, at 9:00 A. M., or at 9:45 A. M. at the Payless Drug Store parking lot in the Mill Valley Square Shopping Center, Dallas, OR. The Mill Valley Square Shopping Center is located at the intersection of Hwy 223 and Ellendale Rd., Dallas, OR.

Dress for the weather and bring a lunch. For more information, call Steve Morgan, 466-5206(Brownsville.)

Steve Morgan  
Trufflemaster

FORAY, Saturday, September 12, 1987, to the Mary's Peak Study Area. Meet at Benton Center, 630 NW 7th, Corvallis, at 9:00 A. M. Dress for the weather and bring a lunch.

For more information, call Steve Morgan, 466-5206.

Steve Morgan  
Trufflemaster

MEETING, Monday, September 14, 1987, 7:30 P. M., Large Conference Room, Forest Sciences Lab, 3200 Jefferson Way, Corvallis, OR.

Efran Cazares will speak on "Hypogeous Fungi of Mexico." Efran is from Mexico and is currently at the Forest Sciences Lab to learn more about mycorrhizae.

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

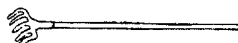
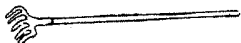
Steve Miller  
Vice President

PORTLAND CHAPTER OF NATS

Please contact President Dan Wheeler, 774-0223, for information about foray and meeting.

CHANGE OF ANNUAL POTLUCK MEETING DATE

It has been necessary for us to change our Annual Potluck meeting date from Friday, December 4, 1987 to Friday, December 11, 1987. Please make this change on your calendar.



## PRESIDENT'S COMMENTS

Our June 6th foray to the Klamath Falls area was a very successful one and a real fun event, thanks to our very amiable local hosts and competent foray leaders, Don and Peggy Rice.

We were joined by a number of enthusiastic members of the Mt. Mazama Mushroom Association from Medford. They were led by Gordon Larum and included Marie Larum, George and Gladys Sherbourne, Joseph Shelton, Al and Bonnie Mercer. They were a friendly and fun group to be with on a foray.

Most of the trufflers had not previously found a truffle. They can no longer make that claim! Most of our truffles were found on north and east slopes, since the soil was very dry. We were very happy with the variety of our finds, under the prevailing conditions. At the 6000' level we also found some black morels.

NATS members on the foray were: Welles and Mayetta Bushnell, Betty Smith, Paul Katen, Pat and John Rawlinson, and Henry and Wanda Pavelek.

We hope that in the near future we can again foray with all these wonderful people. It seems to me that those interested in truffles are usually gourmets and delightful people to have in one's company.

Henry Pavelek  
NATS President

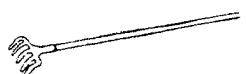
## A CALL FOR TRUFFLE RECIPES

NATS is in need of all the truffle recipes anyone has developed that have not been previously provided to us. We want these as soon as possible as we need to revise our present list of recipes and add to them.

Credit to recipe creators will be given by placing the name under the recipe.

Your help will be greatly appreciated. Thank You.

Henry Pavelek



## WE NEED LINE DRAWINGS

Do you have any good line drawings of mushrooms or truffles that we could use to liven up our recipes? These could include such things as truffling, mushroom cookery, drawings of truffles, washing and cleaning truffles and other drawings that would be suitable. If you have drawings, please send them to us.

If, on the other hand, you are good at making line drawings, we would like to know that, too. Perhaps you could send us a sample of your work. Again, we would give you credit under each drawing you develop. Thanks for your help.

Henry Pavelek

## TRUFFLE CLASS OFFERED

A fall course entitled "Truffles and False-Truffles of the Pacific Northwest," will be offered at LBCC by Dr. Steven Miller of the Forestry Sciences Laboratory, OSU. The course will be non-credit and will meet on Tuesday evenings from 7:00-10:00 P. M., beginning 29 September and ending around 18 December.

A limit of 15 people was established by LBCC, so early enrollment is advised.

The course will describe the taxonomy, ecology, and utilization of "Truffles," as well as techniques, responsibilities, and effects of procuring them.

The course fee is approximately \$30.00, with a slight charge for lab fees and field trips if necessary.

THE JULY 11, 1987 FORAY to Century Drive, Bend, OR., was one of those days Trufflemaster Steve Morgan is noted for...beautiful weather and a wonderful variety of truffles.

Don and Peggy Rice, from Klamath Falls, Helen Ward and Wally Voigt, from Salem, joined Welles and Mayetta Bushnell, Dennis and Norene Wedam, John and Pat Rawlinson, and Steve Morgan for the day. We were treated to a parade of old Chevrolet cars during our lunch break. Did you plan that too, Steve?

TRUFFLE OF THE MONTH

Truncocolumella citrina Zeller

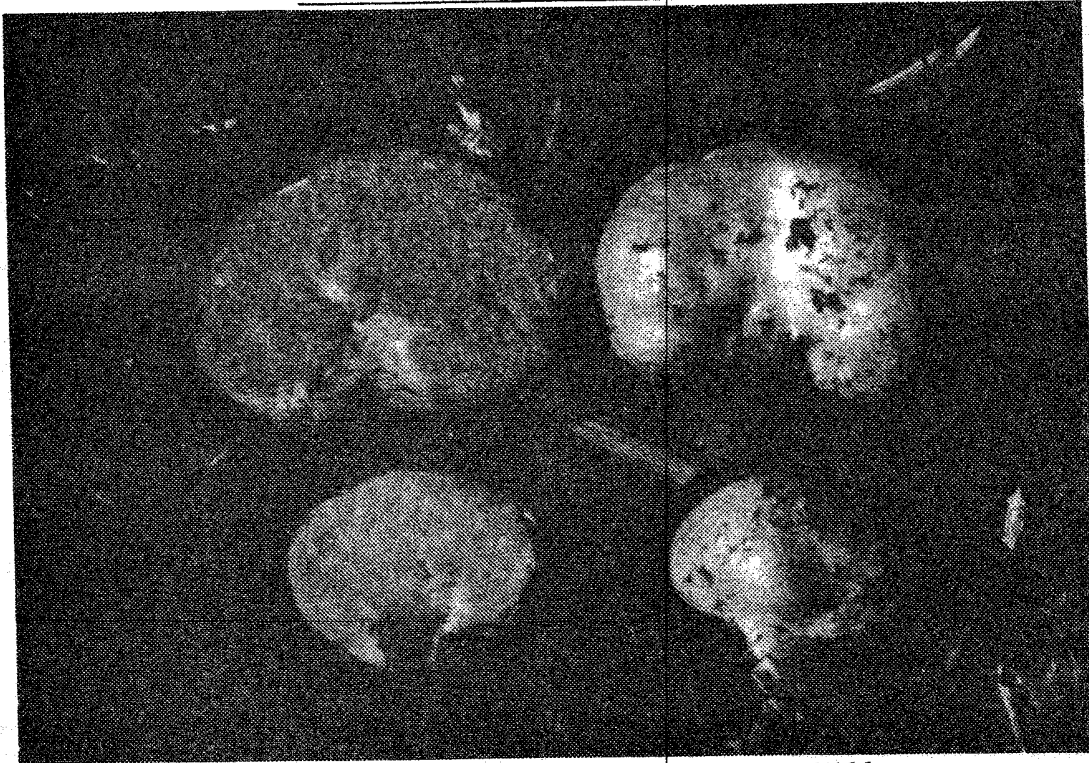


Photo by Dr. Steven Miller

**ORDER:** Gasteromycetes

**DESCRIPTION:**

By Dr. Steven Miller

**ETYMOLOGY:** So named because of its short, stubby sterile base and columella, and its citron yellow color.

**BASIDIOCARPS:** 1.0-3.5 cm diameter, subglobose, reniform, flattened, turbinate or somewhat lobed, with sterile base or stout attachment protruding from the base or in depression below.

**PERIDIUM:** Surface dry, velutinous or cottony when young, then smooth, felted above, remaining cottony below and between lobes; white or pale yellow at first, then pastel yellow, greyish yellow, or greenish yellow, usually lighter below, darkening in age to yellowish brown or brown when handled; in cross section 0.1-0.5 mm thick, pastel yellow.

**GLEBA:** Loculate, locules small, labyrinthiform, 1-2 per mm, irregular in orientation, firm to fleshy when young and mature, in age gelatinous; columella

poorly developed to dendritic, with few or many branches, arising from a stout sterile base; yellowish grey when young, then greyish yellow to olive brown, columella pastel yellow, sterile base yellow to brown.

**ODOR:** Sweet in youth, mildy weedy in age.

**TASTE:** Mild, fungal.

Solitary to gregarious, hypogeous to subepigeous, nearly always associated with Douglas fir in late summer and fall, from the Rocky Mountains westward.

Smith and Singer distinguish two varieties of T. citrina. Var. citrina is described above and is the most common. In var. separabilis, the gleba is described as separating from the stipe-columella, the tubular nature of the gleba, and the dextrinoid reaction of the spores in Melzer's reagent.

**EDIBILITY:** Edible. To date, no recipes have been developed by NATS, using this species. However, it has been taste tested and has a mild licorice flavor when very mature.

NATS WELCOMES the following new members:  
Antonietta Maturro, San Diego, CA.;  
Christopher Thayer, Canyon, CA.; Frank  
Milo, Fishkill, NY; Joe Mello, Kew  
Gardens, NY; Lasina Ceresa, New York  
City; L. Giddings, College Park, MD.;  
Wynne Milner, Birchrunville, PA.; Rob  
Crouch, Boise, ID.; Timothy Slowinski,  
Colrain, MA.; W. E. Pendleton, Jr.,  
Macon, GA.; Mario Adriani, Key Biscayne,  
FL.; Michael J. Star, Richmond, B.  
C., Canada; Paul Katen, Grants Pass,  
OR.; Don J. Karr, Klamath Falls, OR.

#### RECIPES

The following recipes were sent in  
by Welles Bushnell. They come from  
THE WHITE HOUSE COOKBOOK by Hugo Ziemann  
and Mrs. F. L. Gillette, The Saalfield  
Publishing Company 1905. The wording  
is as it was originally.

#### TRUFFLES

The truffle belongs to the family of  
the mushrooms; they are used principally  
in this country as a condiment for  
boned turkey and chicken, scrambled  
eggs, fillets of beef, game and fish.  
When mixed in due proportion, they  
add a peculiar zest and flavor to sauces  
that cannot be found in any other plant  
in the vegetable kingdom.

#### ITALIAN STYLE OF DRESSING TRUFFLES

Ten truffles, a quarter of a pint of  
salad oil, pepper and salt to taste,  
one tablespoon of minced parsley, a  
very little finely minced garlic, two  
blades of pounded mace, one tablespoonful  
of lemon juice.

After cleansing and brushing the truffles,  
cut them into thin slices and put them  
in a baking-dish, on a seasoning of  
oil or butter, pepper, salt, parsley,  
garlic and mace in the above proportion.  
Bake them for nearly an hour, and just  
before serving add the lemon juice  
and send them to table very hot.

#### TRUFFLES AU NATUREL

Select some fine truffles; cleanse  
them by washing them in several waters  
with a brush until not a particle of  
sand or grit remains on them; wrap  
each truffle in buttered paper and

bake in a hot oven for quite an hour;  
take off the paper, wipe the truffles  
and serve them in a hot napkin.

#### MUSHROOM STUDY TOUR OF THE HOLY LAND

A mushroom study tour of the Holy  
Land from December 6-20 will be led  
by Gary Lincoff, author, AUDUBON SOCIETY  
FIELD GUIDE TO NORTH AMERICAN MUSHROOMS;  
Andrew Weil, M. D., author, HEALTH  
AND HEALING; Emanuel Salzman, M. D.,  
co-editor, MUSHROOM POISONING; and  
Elinor Shavit, expert on the archaeology,  
history, and religions of the area.

For further information contact:

Emanuel Salzman  
c/o Fungophile  
PO Box 5503  
Denver, CO. 80217-5503

#### CISPUS CENTER FORAY

The Puget Sound Mycological Society  
and the Lewis County Mushroom Society  
announce their sponsorship of an autumn  
foray, October 2-4, 1987. Dr. Joe  
Ammarati will be the foray mycologist.

The foray is open to everyone  
interested in increasing their knowledge  
of mushroom identification. Headquarters  
will be the Cispus Environmental Learning  
Center which is located near Randle  
in Lewis County, WA.

Advance registration and payment  
is essential. For a form and more  
information, contact June Childers,  
403 South Rock St., Centralia, WA.  
98531. Phone (206)736-4756 evenings.

WILD MUSHROOM COOKERY from the Oregon  
Mycological Society, is available for  
\$12.95 from OMS, 1943 S. E. Locust  
Ave., Portland, OR. 97214

Edited by Mike Wells, Maggie Rogers,  
Roxanne and Dick Piekenbrock, this  
cookbook is a "must" for all mushroomers.

From "What's in a Mushroom" to  
the Index, this book will appeal to  
gourmet and amateur cooks alike. Who  
can resist "Sherried Cream of Chanterelle  
Soup," "Crab Stuffed Morels," "Oyster  
in Tempura," or "Pork Truffles (Pork  
Tenderloin With Oregon White Truffle  
Sauce)?"

The cookbook contains valuable

information on the genera and species therein, before one begins to use the recipes. AND it is spirally bound, a real plus for easy reading.

### WILD ABOUT MUSHROOMS

The Mycological Society of San Francisco Cookbook, by Louise Freedman, with William Freedman, and published by Aris Books, Berkeley, CA. is now available.

The cookbook took five years to research, organize, and write. The mushrooms and truffles presented in this book were selected for their availability and safeness. Most recipes were planned for four servings, and all recipes were made at least once and analyzed before going into the book.

A section titled, "A Cook's Introduction to Mushrooms" explains about cooking with wild mushrooms, how to select mushrooms, how to clean them once you have selected them, all followed by cooking tips and the recipes themselves.

Another section describes each mushroom group and gives recipes that enhance the groups special qualities. Additional interesting facts are given so the cook can learn more about fungi as he/she mixes and stirs.

Norene Wedam, NATS secretary, lent her culinary skills and knowledge of truffles to the chapter on truffles, which does feature several recipes of NATS members.

The book reads well, the recipes look wonderful, and the price is \$12.95 from Aris Press, 1621 Fifth St., Berkeley, CA. 94710.

### LATIN IN SCIENTIFIC NAMES

When the occasion presents itself and space is available, we will include a glossary of terms used in mycology and in particular, with hypogeous fungi. Most of this material comes from a talk given to NATS by Dr. James Trappe.

LATIN is the language historically used in science and is today the basic language of scientific nomenclature. Greek is also commonly used in naming organisms, but it is usually Latinized in much the same way that the ancient Romans incorporated Greek into their native Latin.

GENERIC NAMES are nouns, which may be masculine, feminine, or neuter.

SPECIES NAMES are usually adjectives; their endings then are the same gender as that of the genus. Species names may also be nouns; in that case, they retain their own gender, regardless of the gender of the generic name. Or, if named for a person, the species name is in the possessive case: i or ii for men (parksii, "of Parks") and ae for women (gilkeyae, "of Gilkey").

Species names may describe a feature of the species (color, shape, odor, size), may designate where the species occurs or was originally found, or may be acronyms, made-up words, or non-Latin or non-Greek words with or without Latinized endings. The guidelines call for good usage of language and good taste; humor is not scorned but it is all too infrequently used.

### COLOR NAMES COMMON IN SPECIES NAMES

ALBUS: white. ALBIDUS: whitish. ATER, ATRO, ATRATUS: black. AUREUS: golden yellow. BADIUS: chestnut brown. CAERULEUS: blue. CANDIDUS: pure white. CINEREUS: ash gray. CINNAMOMEUS: cinnamon. CITRINUS: lemon colored. FERRUGINEUS: rust colored. FLAVUS, FLAVIDUS: pale yellow. FULVUS: dull yellow, with a mixture of gray and brown. FUSCUS: grayish or blackish brown. LATERITIUS: brick colored. LILACINUS: lilac. LUTEOLUS: pale yellow. LUTEUS: yellow. MURINUS: mouse colored, gray with a touch of red. NIGER: black. OCHRACEUS: ochre, yellow with a touch of brown. PURPUREUS: purple. ROSEUS: rose colored. RUBER: red. SANGUINEUS: dull dark brownish red. STRAMINEUS: straw colored. UMBRINUS: umber, deep brown. VIOLACEUS: violet. VIRENS, VIRIDUS: green.

### COMMON PREFIXES IN SPECIES NAMES

A-: without (Greek) or away from (Latin). AD-: towards, to. CO-: with. DE-: downwards, outwards, from. E-: without. ECTO-: on the outside. ENDO-: on the inside. EXTRA-: outside. HYPER-: above, over. HYPO-: below, under. INTRA-: within. SUB-: below, almost.

MORE TO FOLLOW IN FUTURE ISSUES OF THE NEWSLETTER.

1986 FINDS

4/06/86 Monterey, CA., near Jack's Peak  
TBA  
Hymenogaster sp.,.....Leonard Pflanz  
Tuber sp., immature.....SAA

4/08/86 Brown's Valley Road near Corellitos, CA.  
TBA  
Tuber sp., immature.....SAA

8/04/86 Seneca Falls, New York  
N 42 54'38" W 076 47'49"  
Scleroderma sp., immature.....Anna Marin

9/11/86 Michigan Swamp Watershed, Danby, New York  
N 42 21'08" W 076 28'52"  
Glomus macrocarpum Tul. & Tul.....Anna Marin  
Tuber shearii Harkn. in Murn.....SAA

FEBRUARY 1987 FINDS

2/03/87 Three miles south on Peoria Road, Albany, OR.  
N 44 31'42" W 123 12'08" 250'  
Genea intermedia Gilkey.....Henry Pavelek  
Hymenogaster sp.....SAA  
Tuber sp., immature.....SAA

MAY 1987 FINDS

5/02/87 Metolius River area, near Camp Sherman, OR.  
N 44 27'38" W 121 38'24" 3000'  
Hysterangium crassirhachis Zeller & Dodge.....Henry Pavelek

5/03/87 Jack Lake Road, Metolius River area  
N 44 27'38" W 121 38'24" 3000'  
Hysterangium crassirhachis Zeller & Dodge.....Henry Pavelek  
Rhizopogon vinicolor Smith.....SAA

5/14/87 Pedee, OR.  
N 44 45'10" W 123 24'48" 400'  
Genea intermedia Gilkey.....Welles Bushnell  
Melanogaster sp.....SAA

5/14/87 Missouri Flats, Josephine County, OR.  
N 42 18'43" W 123 13'58" 1650'  
Tuber gibbosum Harkn.....Peggy Amaranthus

5/15/87 Near Blodgett, OR.  
N 44 36'28" W 123 30'55" 500'  
Hysterangium setchellii Fischer.....Welles Bushnell

5/16/87 Seven miles east of Elsie, OR.  
N 45 51'57" W 123 35'37" 700'  
Hydnotrya sp., immature.....Dan Wheeler  
Rhizopogon vinicolor Smith(2 coll.).....SAA

5/17/87 Five miles south of Newport, OR., Hwy 101  
N 44 33'37" W 124 03'53" 50'

Endogone lactiflua Bk. & Br.....Henry Pavelek  
Endogone flammicorona Trappe & Gerd.....SAA  
Tuber maculatum Vitt.(2 coll.).....SAA

5/17/87 Missouri Flats, Josephine County, OR.  
N 42 18'43" W 123 13'58" 1650'

Tuber californicum Harkn.....Peggy Ammaranthus

5/17/87 Meissner Road, Columbia County, OR.  
N 45 50'47" W 123 41'58" 700'

Rhizopogon vinicolor Smith.....Vernon Hill

5/23/87 North of Lake of the Woods, OR.  
N 42 22'44" W 122 12'40" 5600'

Gautieria pterosperma Stewart & Trappe.....Jack Hausotter

JUNE 1987 FINDS

6/01/87 South Beach State Park, south of Newport, OR.  
N 44 36'45" W 124 03'08" 100'

\*\*Rhizopogon species novum.....Henry Pavelek

6/01/87 Three miles south of Newport, OR.  
N 44 34'47" W 124 04'36" 50'

Tuber maculatum Vitt.....Henry Pavelek

6/01/87 Passmore Road, 6 miles south of Newport, OR., Hwy 101  
N 44 31'55" W 124 04'07" 100'

Tuber maculatum Vitt.....Henry Pavelek

6/02/87 Two miles east of Blodgett, OR.  
N 44 36'19" W 123 29'07" 600'

Hymenogaster boozeri Zeller & Dodge.....Henry Pavelek  
Hymenogaster parksii Zeller & Dodge.....SAA  
Tuber sp., immature.....SAA

6/05/87 Junction Hwy 140 and USFS Road 37, N Fork Little Butte Creek Road, Klamath Co.  
N 42 27'04" W 122 52'43" 4800'

Alpova trappei Fogel.....Henry Pavelek  
Rhizopogon vinicolor Smith.....SAA

6/06/87 Rocky Point, Klamath County, OR.  
N 42 57'50" W 122 40'12" 4400'

Endoptychum depressum Sing. & Smith.....George Sherbourne  
Hymenogaster sublilacinus Smith.....John Rawlinson  
Hysterangium coriaceum Hesse.....Welles Bushnell  
Melanogaster tuberiformis Corda in Sturm.....George Sherbourne  
Rhizopogon vinicolor Smith.....Welles Bushnell  
Paul Katen, Marie Larum, Al Mercer, Henry Pavelek, John Rawlinson(3 coll.)  
Pat Rawlinson(3 coll.), Joseph Shelton, Betty Smith(2 coll.),  
Rhizopogon sp., immature.....Joseph Shelton

6/06/87 Pelican Butte, Klamath County, OR.  
N 42 30'10" W 122 07'17" 4400'

Leucophleps magnata Harkn.....Pat Rawlinson  
Rhizopogon sp., immature.....Paul Katen  
Henry Pavelek

6/06/87 Billie Creek Road, off Four Mile Lake Road, Klamath County, OR.  
N 42 23'17" W 122 13'13" 5600'

Gautieria monticola Harkn.....Henry Pavelek  
Joseph Shelton  
Hydnotrya sp., immature.....Henry Pavelek  
Hysterangium crassirhachis Zeller & Dodge.....Joseph Shelton  
Leucophleps magnata Harkn.....Henry Pavelek

6/09/87 One half mile SE of Sutherlin, OR.  
N 43 23'25" W 123 18'41" 540'

.....Jack Hausotter  
Scleroderma laeve Lloyd.....

6/15/87 Howell Prairie Road, Salem, OR.  
N 44 56'35" W 123 02'02" 150'

.....Welles Bushnell  
Melanogaster tuberiformis Corda in Sturm.....SAA  
Rhizopogon vinicolor Smith.....

COMMENTS FROM DR. TRAPPE

Rhizopogon sp. novum, collected by Henry Pavelek, 6/01/87, is remarkable for its very long spores...12-24 mm. long. Most Rhizopogon sp. don't exceed 10 mm.

NO MEETING FOR AUGUST.

A NEW TRUFFLER IS BORN

We were happy to learn of the birth of a baby girl to our trufflemaster, Steve Morgan, and his wife, Denise. Lily Miranda was born June 5, 1987, and weighed 7 lbs. 15 oz. Little wonder Steve was unable to participate in our June foray. CONGRATULATIONS, Steve and Denise!

The North American  
Truffling Society, Inc.  
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