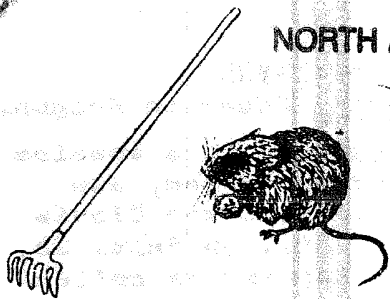


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NATS CURRENT NEWS

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

March 1986

Editor: Pat Rawlinson

Vol. 4 No. 3

OFFICERS: President: Frank Morris, 2915 N. W. Garfield, Corvallis, OR. 97330, 754-9362; Vice President: Dan Luoma, 3020 N. E. Lancaster, Corvallis, OR. 97330, 758-8063; Secretary-Treasurer: Joyce Nesson, 24783 Ervin Rd., Philomath, OR. 97370, 929-3875; Immediate Past President: Henry Pavelek, 32566 Peoria Rd., Albany, OR. 97321, 753-6384; Member-at-Large: Frank Evans, 808 N. W. Merrie Drive, Corvallis, OR. 97330, 752-5480; Trufflemaster: Steve Morgan, P. O. Box 157, Corvallis, OR. 97339, 757-3239; Membership: Vernon Moore, 31831 Berlin Rd., Lebanon, OR. 97355, 451-4242; Librarian: Ann Fagnan, 1765 Lewisburg Ave., Corvallis, OR. 97330, 745-5575; Newsletter Editor: Pat Rawlinson, 34197 N. E. Colorado Lake Drive, Corvallis, OR. 97333, 752-2243.

FORAY, Saturday, March 1, 1986, to U. S. Forest Service Land, Alsea Ranger District.

Meet at 9:00 A. M. at the Benton Center, 630 N. W. 7th, Corvallis, or at the Alsea Ranger Station, one mile west of Alsea, OR. on Hwy 34, at 10:00 A. M.

Dress for the weather and bring a lunch and beverage.

We will be using the TRI System (Total Resource Information) to locate likely truffling areas. For further information, call Steve Morgan at 757-3239.

MEETING, Monday, March 3, 1986, at 7:30 P. M., Large Conference Room, Forest Science Lab, 3200 Jefferson Way, Corvallis, OR.

Dr. William Denison will speak on "Mushrooms and Culture in Bhutan."

Dr. Denison is a professor of botany at Oregon State University. In July of 1985 Dr. Denison worked as a consultant and advisor to the government of Bhutan on mushroom culture. Bhutan is well into picking and marketing Chanterelle mushrooms, and about five years into culture of Oyster and Shiitake mushrooms. There are interesting par-

allels with Oregon in this regard, according to Dr. Denison. This should be a very interesting and informative topic.

For further information, call Program Chairman Dan Luoma, 758-8063.

COMMENTS FROM ANNA MARIN

I have finally had some time to evaluate some of the sensory evaluation cards people have filled out on Tuber gibbosum since last year. I have just a few cards on other species, not really enough for any one to even hazard a decent statistical evaluation. The sensory data on T. gibbosum looks like this:

Predominant odor characters attributed were (in decreasing order):  
mushroomy-moderate to very strong  
earthy - moderate  
woody, pungent, musty - slight to moderate  
mildewy, musky, nutty - slight  
herbal, vegetable, acrid, rancid,  
cheesy - very slight

These odor characters were described for the uncooked truffle as presented in the wine glass. The descriptions correlate well

with the descriptions of compounds I identified by GC/MS doing my thesis work. This should be encouraging to NATS members that they are showing good olfactory sensitivity - keep up the good work!

The truffle was found to be very slightly bitter and very slightly metallic when evaluating a small piece of raw, fresh truffle. No other tastes were mentioned.

Truffle texture was described by comparison with a cube of medium cheddar cheese as:

very slightly more firm  
slightly less moist  
much less oily  
very slightly less chewy

The overall aroma was liked very slightly when the specimen was raw, but liked moderately to very much when cooked with other foods. Also, the overall truffle desirability was rated as liked very slightly when uncooked, but liked moderately when cooked. Keep trying those recipes, they are being enjoyed!

My best to all.

Anna Marin

#### MEMBERSHIP DUES

If your newsletter has a red check mark on the address label, this will be your last newsletter until your membership dues are renewed.

Please mail your check to:  
NATS, P. O. Box 296, Corvallis,  
OR. 97339.

Your dues are tax deductible.  
Thank you.

LIBRARIAN Ann Fagnan asks that when ordering Truffle Recipes, please send 50 cents for the recipes, plus 39 cents for postage. The recipes are 6 pages(both sides) and over the weight allowance for a 22 cent stamp.

LARGE COLLECTIONS of Rhizopogon vinicolor Smith are needed now by Michael Castellano for his research. Please mail to Michael at Forest Science Lab, 3200 Jefferson Way, Corvallis, OR. 97331.

#### Rhizopogon rubescens Found in Oregon.

Rhizopogon rubescens, a species not commonly found in Oregon, was collected by member Jack and Clovia Hausotter, Riddle, OR., on Sept. 30, 1985, and what an impressive collection it was!

The fungi were found in the Rogue-Umpqua Divide Wilderness, Douglas County, OR. The R. rubescens were in a tight cluster and a rodent had just exposed one side.

Jack reports, "The Riddle postmaster weighed them for me and the five R. rubescens weighed just under one pound and four ounces. The larger specimens weighed over 4 ounces each. I took them to the science department at Riddle High School and the teacher weighed them for me. The total weight for the five R. rubescens were 558.9 grams."

Congratulations to the Hausotters and thank you for sharing the information.

Are there other success stories out there? If so, we want to hear about them!

#### COMMENTS FROM STEVE MORGAN

I just received a call from Dr. Joe Ammirati, University of Washington, that nine color photographs of mine will be included in the 3rd edition of The Savory Wild Mushroom.

Of particular interest will be two truffles: Tuber gibbosum Harkn. and Rhizopogon parksii Smith.

Also included are: two edible mushrooms; Morchella deliciosa and Armillaria ponderosa; three club and coral fungi, Clavaria purpurea, Clavulina crustata and Ramaria gelatinosa var. oregonensis; and Russula rosacea and Hypomyces lactifluorum.

The proceeds from the sale of the book will be placed in the Daniel Stuntz Memorial Fund to be given as scholarships for mycology graduate students. The book should be in the bookstores by the fall of 1986.

Steve Morgan

MUSHROOM STUDY TOUR OF SOUTHEAST ASIA. A Mushroom Study Tour of Thailand, Malaysian Borneo, Singapore, and Burma has been organized by Gary Lincoff, President of the North American Mycological Assoc.; Andrew Weil, M. D., University of Arizona; and Emanuel Salzman, M.D., Telluride Mushroom Conference, for nineteen days beginning September 29, 1986. The segment of the Tour to Burma is an optional eight day extension.

We will meet with many of the outstanding mycologists associated with Southeast Asian academic institutions. Ample time will be provided for sight-seeing and other leisure activities.

For further information, contact:  
 Emanuel Salzman  
 c/o Fungophile  
 P.O. Box 5503  
 Denver, CO. 8021705503

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**Rx FOR SPRING FEVER**

For successful and fun NATS foray  
 Take a goodly number of members in  
 full array.  
 Equip each with apron and rake  
 Under trees many truffles to take.

Carefully stir in data cards and  
 wax paper bags  
 Be sure each truffle find has  
 appropriate tags.  
 Gently add sunshine but no rain  
 For Jim to identify with little  
 strain.

Gather truffleers together at a  
 convenient spot  
 And each to display what they have  
 got.  
 Fold in a tasty lunch and favorite  
 wine  
 For a NATS foray to be just fine!

WP

\*\*\*\*\*

**DON'T FORGET MEMBERSHIP DEADLINE**  
 March 1, 1986.

NATS WELCOMES the following new members: Larry Korn, Soquez, CA.; from Oregon: Mike and Sue Pluvoy, Coos Bay; Robert W. Lindell, Sandy; John Hinds, Portland.

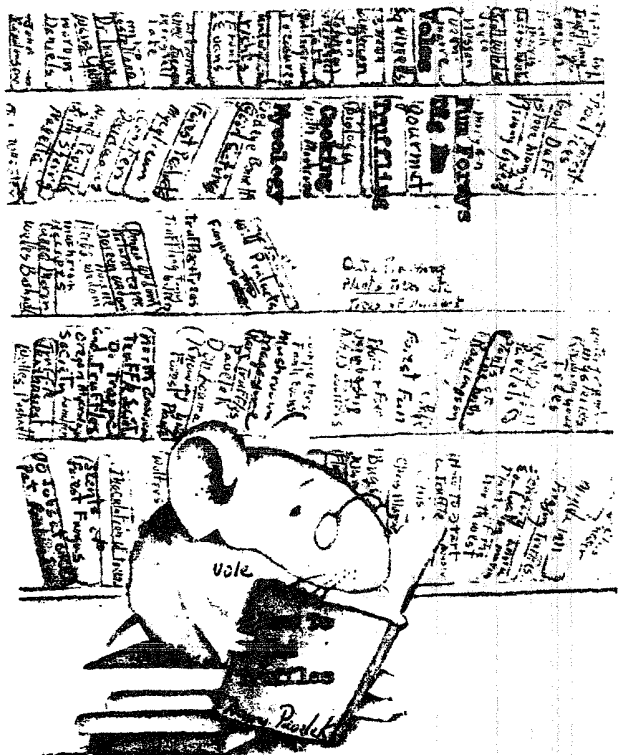
LIFE MEMBERSHIP GRANTED

At the regular meeting of NATS, January 10, 1986, the membership voted to extend a life membership to Wang Yun, Shenyang, China. Wang Yun studied and worked in Corvallis with Dr. James Trappe for two years, and during that time made many friends and contributed greatly to NATS. The following message was received from Wang Yun, dated Feb. 7, 1986.

"Dear Friends,

Thank you very much for voting me a Life Honorary member of The North American Truffling Society. The honor gives me great encouragement and enthusiasm. I will make more contributions to the society as I can. The friendship is so precious that I could not find anything which is more important than that. I will nourish it through my work.

I hope our society will grow and develop by everyone's efforts. Best regards."



Vern Moore

THE NORTH AMERICAN TRUFFLING SOCIETY, INC.

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SLIDE LISTING

ASCOMYCETES

- \*1. *Balsamia alba* Harkn.
2. *Balsamia magnata* Harkn.
3. *Barssia oregonensis* Gilkey
4. *Choiromyces alveolatus*(Harkn.)Trappe
5. *Elaphomyces granulatus* Fries
- \*6. *Elaphomyces granulatus* Fries
- \*7. *Elaphomyces muricatus* Fries
- \*8. *Genabia cerebriformis*(Harkn.)Harkn.
- \*9. *Genea gardneri* Gilkey
10. *Genea gardneri* Gilkey(exterior view only)
11. *Genea harknessii* Gilkey
- \*12. *Genea intermedia* Gilkey
13. *Geopora clausa*(Tul.)Burds.
- \*14. *Geopora cooperi* Harkn.(magnified interior view)
15. *Geopora cooperi* Harkn.
16. *Geopora cooperi* Harkn.
17. *Hydnobolites californica* Fischer
18. *Hydnotrya* sp. (magnified interior view)
19. *Hydnotrya cerebriformis* Harkn.
- \*20. *Hydnotrya variiformis* Gilkey
21. *Paurocotylis pila* Berk.
22. *Peziza ellipsospora*(Gilkey)Trappe
23. *Peziza gautierioides* Trappe & Geil
24. *Peziza stuntzii* Trappe
- \*25. *Picoa carthusiana* Tul. & Tul.
26. *Terfezia claveryi* Chat.
27. *Terfezia gigantea* Imai
28. *Tirmania penoyi*(Maire)Malencon
29. *Tuber brumale* Vitt.
30. *Tuber californicum* Harkn. (cross section)
- \*31. *Tuber californicum* Harkn.
- \*32. *Tuber gibbosum* Harkn.
33. *Tuber gibbosum* Harkn.
34. *Tuber gibbosum* Harkn.
35. *Tuber magnatum*
36. *Tuber melanosporum* Vitt.
37. *Tuber murinum* Hesse
- \*38. *Tuber murinum* Hesse
- \*39. *Tuber rufum* Fries
40. *Tuber oligospermum* Vitt.

GASTEROMYCETES

1. *Radiigera* sp.
2. *Scleroderma laeve* Lloyd

TRUFFLE IMPOSTERS

1. *Sarcosphaera crassa*(Santi ex. Stendel)Pouzer

## BASIDIOMYCETES

- \*1. *Alpova alexsmithii* Trappe
- \*2. *Alpova diplophoeus*(Zeller & Dodge)Trappe & Smith
3. *Gastroboletus turbinatus*(Snell)Smith & Singer (exterior)
- \*4. *Gastroboletus turbinatus*(Snell)Smith & Singer (interior)
- \*5. *Gautieria* sp.
6. *Gautieria monticola*(Harkn.)Harkn.
7. *Gautieria monticola*(Harkn.)Harkn.
8. *Gautieria morchelliformis* Vitt.
9. *Gymnomyces* sp.
10. *Hydnangium carneum* Wallroth
11. *Hymenogaster alnicola* Smith
12. *Hymenogaster farinaceus* Smith
13. *Hymenogaster farinaceus* Smith
- \*14. *Hymenogaster parksii* Zeller & Dodge
15. *Hymenogaster sublilacinus* Smith
- \*16. *Hysterangium crassum*(Tul. & Tul.)Knapp
17. *Hysterangium* sp. with mycorrhizae
- \*18. *Hysterangium coriaceum* Hesse
19. *Leucogaster* sp.
- \*20. *Leucophleps magnatus* Harkn.
21. *Macowanites* sp.
- \*22. *Martellia brunnescens* Singer & Smith
- \*23. *Martellia gilkeyae* Singer & Smith
24. *Martellia subfluva* Singer & Smith
- \*25. *Melanogaster* sp.
26. *Nivatogastrium* sp.
27. *Octavianina* sp.
28. *Rhizopogon species novum*
29. *Rhizopogon hawkeræ* Smith
- \*30. *Rhizopogon occidentalis* Zeller & Dodge
31. *Rhizopogon olivaceofuscus* Smith
32. *Rhizopogon parksii* Smith
- \*33. *Rhizopogon parksii* Smith
34. *Rhizopogon subradicatus* Smith
35. *Rhizopogon subcaerulescens* Smith
36. *Rhizopogon smithii* Hosford
37. *Rhizopogon sunrisensis* Hosford
38. *Rhizopogon superiorensis* Smith
- \*39. *Rhizopogon truncatus* Linder
40. *Rhizopogon villosulus* Smith
- \*41. *Rhizopogon vinicolor* Smith
- \*42. *Rhizopogon vulgaris*(Vitt.)Lange (shown in ground)
- \*43. *Rhizopogon vulgaris*(Vitt.)Lange
44. *Sclerogaster* sp.
45. *Thaxterogaster* sp.
- \*46. *Thaxterogaster pinque*(Zeller)Singer & Smith
- \*47. *Truncocolumella citrina* Zeller
- \*48. *Truncocolumella rubra* Zeller
- \*49. *Zelleromyces gilkeyae* Singer & Smith

## PHYCOMYCETES

- \*1. *Endogone lactiflua* Berk. & Broome
- \*2. *Glomus macrocarpus* Tul. & Tul.

MISCELLANEOUS

- \*1. California Redbacked Vole
- 2. Lodgepole pine pure culture
- 3. Ecosystem of Truffles
- \*4. Benefits of Mycorrhizae
- \*5. Lodgepole pine mycorrhizae
- \*6. Nursery seedlings showing growth with/without mycorrhizae
- \*7. Digging for Truffles
- 8. Tuber spores and leaf in stomach of *Microtus oregoni*

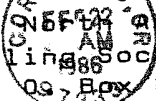
Slides are Kodak, and sell for \$1.00 each, plus \$2.50 per order for postage and handling. Orders are mailed first class.

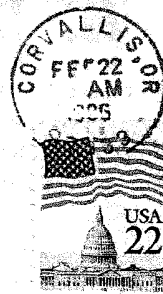
Slide Packets are available, \$30.00 for NATS members, ppd., \$35.00 for non-members, ppd.

The slides in the packet are marked with an \* in the slide listing.

To save time and effort, use this list when making your order. Place a ✓ beside the slide you want. This list will be returned to you with your order.

Mail your order and check to: The North American Truffling Soc., Inc.  
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