

# fungifama

October, 1995

South Vancouver Island Mycological Society

Vol. 2.8

## **SVIMS**

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Meetings: The first Thursday of every month, except December, January, July, and August, 7:00 p.m. sharp at the Pacific Forestry Centre, 506 W. Burnside Rd., Victoria. Dues are currently \$15 per year per family, \$7.50 per half year.

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## **WINDER'S WOODLOT**

I know many of you are starting to see mushrooms in your sleep, so I know that I won't have to wax eloquent about the timing of the fall rains and the sudden explosion of fungi at the end of the month. To illustrate the point, however, after a mind-numbing few weeks of identifying fungi from Port Renfrew, the Watershed study, and the Fall foray, I found myself walking up my driveway with a sac full of chanterelles, hedgehogs, and Marasmius oreades. (I got the Marasmius at the Pacific Forestry Centre, where the lawns have Agaricus campestris, A. micromegathus, and fairy rings containing M. oreades, Clitocybe dealbata, and Clitocybe tarda). My wife greeted me with a sac full of huge Lepiota rachodes, and brought my attention to our yard. My fairy ring introduction program appears to be right on schedule, and there is an alarming array of fungi in my lawn to keep them company now- Clitocybes, Lepiotas (including L. naucinus), Suillus caerulescens, Helvella lacunosa. Suillus lakei, hordes

of a certain Mycena I can't key out, and other lurkers I don't even dare start in on. The finishing touch was a convention of big, bulky ceps holding a referendum in my front yard. The mind boggles! Or at least mine did, somewhere in the middle of a savory taste of Dentium repandum and a glass of wine. (Christene and I rated the hedgehog mushroom slightly ahead of chanterelles, with white chanterelles taking third place). The ceps had to wait today, since a power outage spoiled things, but Renata Outerbridge was kind enough to share some Leccinum & blewits for lunch. After spending so much time with mushrooms lately, I think my mind may just turn into mush- sort of like one of those soggy black Russulas you see in the forest, the ones that are long past it and slowly melting into the ground. But then, I am attempting to wax eloquent. On with the newsletter! -RSW

## **ASK. THE EDITOR**

Q. Throughout the life of a mushroom, are the number of cells constant? If a mushroom grows by water uptake, and the number of cells are constant, its cells and cell walls must be stretched very thin, which would make the stipe unable to support the weight of the fruiting body.

A. Mushroom cells do not usually "stretch thin" in fruiting bodies. While it is true that most primordia will have a large number of small cells which uptake water as they grow, and while it is true that you might see elongated hyphae-like cells in a mushroom, they must at least divide or differentiate (become different) in order to produce the different structures that you see- the stipe, the cap, the hymenium (fertile or spore-bearing surface), the cuticle, the spores, the universal veil, etc. The fruiting body is not only importing water, it is importing nutrients that provide the raw materials for the rest of the fruiting body's architecture, including the protein content and flavor molecules we all so dearly love. What all this means is that should a cell elongate as the mushroom grows, it is capable of, for instance, synthesizing more cell wall material to avoid collapse. If you look at the fruiting body of a mushroom under a microscope, you see normal-looking fungal cells. So the cells must either divide to cope with the increase in volume (which they are capable of doing), or only grow to the point that they look as they do. Sorry to shoot down your theory...

Q. How big does a tree have to be to produce B. edulis mushrooms?

A. I don't know the strict lower limit- big enough to make some shade, I suspect. The trees (grand fir) that produce the ceps at my place are about 20-25 years old, and have been producing for at least 3 years (probably more). I think you could get away with as little as 10 years or so in a plantation, if you had appropriate shade/soil/moisture conditions. -RSW

Q. I've been finding a little mushroom in lawns, etc. that looks and smells very almondy - it looks a lot like Agaricus augustus, but it is very little - what is it?

A. Doing second-hand I.D.s is always tricky. I at first told this person that they might have the almond mushroom, Agaricus subrufescens. After reflection, I would recommend instead looking up Arora's descriptions of A. micromegathus (Anise Agaricus) or the A. diminutivus group (Diminutive Agaricus). I found a lot of A. micromegathus around after the fall rains slacked off - or at least that is what my collections most closely resembled. Whatever the name, I would call the strains of tiny Agaricus that I've seen this Fall more almond-smelling than anise-smelling.

## **SOCIETY HIGHLIGHTS**

### **-October Meeting**

It's been related through the grapevine that Adolf Ceska showed some interesting videos of various SVIMS members at this meeting, including one which casts the editor of the newsletter in an unusual light. Just remember, Adolf, we've got those pictures of you and the basketball at the fall foray...

### **-Renfrew rally**

It was a rally with mixed results. Despite the wet weather, the rally was heavily attended (35 people plus), to the point that it was difficult to keep track of things. Unfortunately, the bridge at Harrison Creek was out of commission, so we couldn't get all the way to Lizard Lake. This unforeseen challenge didn't prove to be too disastrous, though - several species of Phaeocollybia were collected along the route to the bridge - there have been very few sightings of this fungus in Canada until now, so SVIMS is now definitely contributing to our knowledge of mushrooms in Canada. Also, the more experienced collectors, especially those who were able to check on the other (Red Creek Fir) side of the river, were rewarded with ample numbers of chanterelles. For others, it was a long day without much to show for it - leading member John Dennis to remark that "hunting for mushrooms is a lot like fishing- sometimes its just good to be out looking", Many of the rally attendees were able to hike

up to see the Red Creek Fir. Canada's largest Douglas-fir, it is a truly massive tree with huckleberries growing in the upper branches. One has to wonder how long it will be around, though - members noticed a large fruiting of Phaeolus schweinitzii along one side of the tree, extending upward for at least 25-30 feet or so. For a listing of the fungi that were found, please consult the combined October listing at the end of this section.

### **-Chronosequence project**

The SVIMS / Canadian Forest Service study of mushrooms in the Greater Victoria Area Watershed is now underway and producing some good results. Volunteers from SVIMS identified and/or collected a large array of mushrooms from the CFS chronosequence plots in the Watershed on Oct. 13, 14, and 17. While it is still too early to draw general conclusions from the data, we can report that almost 150 species of fungi were collected within the small areas that were searched. One of the highlights included a finding of a rare and unique fungus, Hvgrophoropsis olida, in two of the plots. In our collections, H. olida was somewhat pink and smelled something like a cross between root beer and bubblegum: The beautiful Clitocybe atrialba and mundane Hebeloma mesophaeum were just two of the many fungi spotted outside of the plots. All of the collections (inside of the plots and out) are cited in the combined October listing at the end of this section. The next collections are scheduled for Nov. 17 & 18. Thereafter, the plan is to continue to check the plots mid-monthly for at least a year, and possibly longer. If you are interested in participating, please contact John Dennis, Richard Winder, or Tony Trofymow.

### **-Fall foray**

The SVIMS / VMS Fall foray at Mesachie Lake was quite a success, with over 40 people participating, including Dick and Agnes Sieger from Seattle (PSMS) and seven people from the Vancouver area (VMS). As you can see in the combined October list, many mushrooms were discovered hiding in the woods around Cowichan Lake, and not a few edibles were among them. Although the pine mushroom season has been somewhat disappointing this year (as people who climbed to the top of Diddon Trail will attest), there were plenty of other things to collect. The food was good, the company was enjoyable, and the weather was remarkable, with the hardwoods putting on a splashy show of autumn colors for us. It will be a weekend that will be hard to forget. A big thanks goes to Shannon Berch for arranging our use of the Mesachie Lake Research Station, and to Ingeborg Woodsworth who led us up the Diddon Trail to help us shed the kilos we gained from Al's cooking.

-Annual Display

The display came off very well this year, with things drying out to give us just the boost we needed to see some late-season fruiting of just about everything imaginable. A great many SVIMS members dedicated their time and efforts to make this show a success. A big thanks also goes to the Swan Lake Nature Sanctuary and Ann Scarfe for sponsoring and advertising the show. There wasn't time to key out everything that members brought in - with over 350 people from the public attending (Swan Lake's busiest day ever!), volunteers had their hands full answering questions. Highlights of the show included an amazing basket full of Boletus edulis collected by the Ceskas, including one mature cep that must have weighed at least 20 pounds, and a collection of Clitocybe giganteas, which were large enough to be suitable for use as Halloween party hats. A complete list of the findings appears in the combined list for October.

-Combined list for October

The count is 393 species. Fair warning - there are bound to a few errors in a list this large.

F = Fall foray, general, 21-23 Oct.

F\* = Fall foray, across from Mesachie Lake, 21 Oct.

F# = Fall foray, Ingeborg & Ken Woodsworth's, 23 Oct.

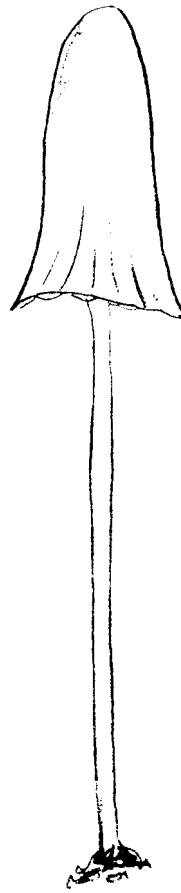
R = Renfrew rally, 7 Oct.

D = Fall Mushroom Display, 29 Oct.

W = Watershed study, 13,14, & 17 Oct.

Agaricus sp. R  
Agaricus augustus RD  
Agaricus arvensis D  
Agaricus bitorquis D  
Agaricus californicus D  
Agaricus campestris FD  
Agaricus diminutivus grp. F#D  
Agaricus hondensis FR  
Agaricus osecanus D  
Agaricus praeclarosquamosus FD  
Agaricus sylvicola FD  
Agaricus subrutilescens FD  
Agrocybe sororia W  
Aleuria aurantia FF#D  
Alpova diplophloeus W  
Amanita sp. sect. Vaginatae R  
Amanita constricta R  
Amanita gemmata F  
Amanita franchetii var. flavavelata D  
Amanita muscaria FD  
Amanita pachycolea R  
Amanita porphyria R  
Amanita smithiana, FDW  
Amanita vaginata D  
Armillaria sp. D  
Armillaria albolanaripes F

Ascocoryne sarcoides F  
Auriscalpium vulgare DW  
Baeospora myosura RW  
Bisporella citrina W  
Bolbitius vitellinus D  
Boletopsis leucomelas D  
Boletopsis subsquamosa R  
Boletus spp. F  
Boletus badius F  
Boletus chrvsenteron D  
Boletus edulis D  
Boletus mirabilis F\*D  
Boletus piperatus FF#D  
Boletus zelleri D  
Bondarzewia montana FRDW  
Bovista plumbea DW  
Callistosporium luteo-olivaceum W  
Calocera cornea D  
Calocera viscosa D  
Camarophyllus borealis W  
Cantharellula umbonata F  
Cantharellus cibarius F\*F#RDW  
Cantharellus infundibuliformis F\*RDW  
Cantharellus subalbidus F\*D  
Chlorociboria aeruginascens F\*DW  
Chroogomphus aff. rutillus D  
Chroogomphus tomentosus F\*F#RDW



Clavaria sp. W  
Clavaria [Claviceps?] purpurea D  
Clavariadelphus sp. R  
Clavariadelphus fistulosus W  
Clavariadelphus ligula F\*  
Clavariadelphus pistillariorum D  
Clavulina cristata RW  
Clavulinopsis sp. R  
Clitocybe sp. F#D  
Clitocybe atrialba FW  
Clitocybe avellaneialba D  
Clitocybe clavipes F\*F#DW  
Clitocybe cyathiformis D  
Clitocybe dealbata F\*RDW  
Clitocybe deceptiva DW  
Clitocybe dilatata RD  
Clitocybe ectypoides F  
Clitocybe gigantea D  
Clitocybe harperi W  
Clitocybe inversa (= flaccida?) D  
Clitocybe nebularis DF#  
Clitocybe nuda F\*D  
Clitocybe odora F\*  
Clitocybe prunulus F  
Clitocybe tarda D  
Collybia sp. W  
Collybia acervata FF#R  
Collybia butyracea F#D  
Collybia cirrhata W  
Collybia confluens W  
Collybia fuscopurourea D  
Collybia tuberosa FRW  
Coltricia cinnamomea W  
Coltricia perennis F  
Coprinus atramentarius FR  
Coprinus comatus D  
Coprinus lagopus D  
Coprinus micaceus D  
Cordyceps capitata F  
Cortinarius spp. FRD  
Cortinarius sp. (Telamonia sp.) F  
Cortinarius alboviolaceus FF#W  
Cortinarius alutus W  
Cortinarius bulbipodium gp. W  
Cortinarius camphoratus F  
Cortinarius cinnamomeus FW  
Cortinarius crocifolius W  
Cortinarius fulmineus F#  
Cortinarius nigroscupidatus W  
Cortinarius obtusus F#DW  
Cortinarius olympianus F#D  
Cortinarius phoeniceus var. occidentalis D  
Cortinarius pseudosalor D  
Cortinarius semisanguineus FD  
Cortinarius squamulosus W  
Cortinarius subargentatus F\*D  
Cortinarius subcuspidatus W  
Cortinarius vibratilis FF#RDW

Crepidotus sp. F\*R  
Crepidotus herbarum W  
Crepidotus mollis D  
Crucibulum laeve R  
Cystoderma spp. FF#  
Cystoderma amianthum FDW  
Cystoderma fallax FF#  
Cystoderma granulorum W  
Dacrymyces deliquescens W  
Dacrymyces palmatus FRDW  
Dentinum sp. W  
Dentinum repandum FD  
Dentinum umbilicatum DW  
Dermocybe cinnamomea D  
Dermocybe sanguinea D  
Entoloma sp. FDW  
Entoloma madidum D  
Flammulina velutipes F  
Fomitopsis cajanderi D  
Fomitopsis pinicola FF#RDW  
Galerina autumnalis D  
Galerina stylifera R  
Ganoderma applanatum D  
Ganoderma oregonensis F  
Ganoderma tsugae D  
Geastrum sp. D  
Geastrum triplex F  
Gloeophyllum saepiarium FDW  
Gomphidius oregonensis FD  
Gomphidius smithii FF#D  
Gomphidius subroseus FF#DW  
Gomphus floccosus F#D  
Gymnopilus sp. F#RD  
Gymnopilus penetrans R  
Gymnopilus punctifolius FR  
Gymnopilus spectabilis D  
Gymnopilus terrestris D  
Gyromitra infula F  
Hebeloma sp. FD  
Hebeloma mesophaeum W  
Hebeloma sinapizans D  
Helvella compressa, F  
Helvella lacunosa FF#D  
Hericium abietis D  
Hohenbuehelia petaloides F  
Hydnellum aurantiacum F#DW  
Hydnellum caeruleum F#DW  
Hydnellum peckii W  
Hydnellum suaveolens W  
Hydnellum scrobiculatum W  
Hydnum sp. W  
Hydnum fuligineo-violaceum FW  
Hydnum imbricatum F#  
Hydnum scabrosum W  
Hygrocybe flavescens W  
Hygrophoropsis aurantiaca FDW  
Hygrophoropsis olida W  
Hygrophorus sp. DW  
Hygrophorus eburneus W  
Hygrophorus picea F#DW  
Hygrophorus unguinosa W  
Hypholoma aurantiaca D  
Hypholoma capnoides FD  
Hypholoma dispersum F  
Hypholoma fasciculare D  
Hypomyces sp. F (on resupinate fungus)  
Hypomyces chrysospermum (on *Suillus lakei*)  
Hypomyces lactifluorum F\*F#D  
Icmadophylla ericetorum (lichen) D  
Inocybe sp. FRDW  
Inocybe calamistrata F  
Inocybe fuscodisca F  
Inocybe geophylla W  
Inocybe lilacina DW  
Inocybe maculata W  
Inocybe sororia R  
Inonotus tomentosus R  
Laccaria FRDW  
Laccaria amethystio-occidentalis FRD  
Laccaria bicolor laccata FRDW  
Laccaria striatula W  
Lactarius sp. RW  
Lactarius alnicola R  
Lactarius deliciosus FD  
Lactarius fallax (not *gerardii*) R  
Lactarius luculentus F#D  
Lactarius olivaceoumbrinus R  
Lactarius pallescens R  
Lactarius pubescens (= *L. torminosus*) D  
Lactarius rubrilacteus (= *L. sanguifluus*) FF#D  
Lactarius uvidus D  
Lactarius ? sordidus R  
Laetiporus sulphureus RD  
Leccinum scabrum D  
Lepiota sp. F#W  
Lepiota atrodisca D  
Lepiota clypeolaria FD  
Lepiota cristata FD  
Lepiota rachodes FD  
Lepiota rubrotincta R  
Lepiota seminuda W  
Leptonia sp. RD  
Leptonia asprella W  
Leptonia nigroviolacea W  
Lepiota naucinus FD  
Leucopaxillus sp. F  
Leucopaxillus albissimus D  
Leucopaxillus amarus D  
Lophiostereum pini F  
Lycogola sp. DW  
Lycogola epidendron F  
Lycoperdon sp. FF#R  
Lycoperdon foetidum W  
Lycoperdon perlatum FDW  
Lycoperdon pyriforme R  
Lyophyllum sp. DW  
Lyophyllum multiceps (= *L. decastes*) FRD  
Lyophyllum semitale DW  
Marasmiellus candidus RDW  
Marasmius sp. W  
Marasmius androsaceus W  
Marasmius candidus W  
Marasmius oreades FD  
Marasmius plicatulus D  
Marasmius salalis FDW  
Marasmius umbilicatus W  
Melanoleuca melaleuca F  
Melanotia textilis D  
Micromphale perforans W  
Mitruha abietis W  
Mycena spp. F\*F#RDW  
Mycena, sp. section *Typicae*  
Mycena acicula W  
Mycena alcalina RDW  
Mycena, amabilissima~ W  
Mycena aurantiodisca F\*F#RW  
Mycena brownii W  
Mycena capillaripes D  
Mycena capillaris FF#DW  
Mycena clavularis W  
Mycena elegantula W  
Mycena epipterygia RDW  
Mycena, epipterygiodes W  
Mycena fusco-occula? W  
Mycena iodolens W  
Mycena leptocephala W  
Mycena litoralis W  
Mycena mida W  
Mycena murina W  
Mycena oregonensis D  
Mycena pura W  
Mycena purpureofusca W  
Mycena rorida RDW  
Mycena rosella F  
Mycena rubromarginata? W  
Mycena vitilis W  
Mycena vulgaris RW  
Naematoloma sp. W  
Naematoloma dispersum F  
Naematoloma fasciculare F  
Nidula candida FD  
Nidula niveotomentosa W  
Nolanea sp. D  
Nolanea fructufragrans D  
Nolanea stricta D  
Oligoporus chioneus D  
Omphalina fibula D  
Omphalina strombodes W  
Otidia ?alutacea F#D  
Otidia onotica F  
Panellus longinquus F

Panellus serotinus FD  
Panellus stiptius F  
Panus sp. D  
Paxillus atrotomentosus F\*F#RW  
Paxillus involutus FDW  
Paxillus panuoides F  
Phaeocollybia sp. R  
Phaeocollybia kauffmanii RD  
Phaeolus schwienitzii FRD  
Phaeomarasmium erinaceellus F  
Phellodon atratus F#W  
Phellodon tomentosus F#DW  
Phlebia radiata FW  
Phlogiotis helvelloides R  
Pholiota sp. F#  
Pholiota astragalina FR  
Pholiota carbonaria D  
Pholiota highlandensis W  
Pholiota terrestris FD  
Phyllactinia guttata F  
Pleurocybella porrigens FRW  
Pleurotus ostreatus FRD  
Pleurotus porrigens FR  
Pluteus spp. D  
Pluteus cervinus F\*F#RDW  
Pluteus longistriatus W  
Polyporus sp. F  
Polyporus badius F#DW  
Polyporus elegans W  
Polyporus hirtus F#DW  
Polyporus melanopus W  
Psathyrella sp. R  
Psathyrella gracilis grp. W  
Psathyrella longistriata D  
Psathyrella velutipes D  
Pseudohydnum gelatinosum F\*F#RDW  
Psilocybe corneipes W  
Psilocybe montana F  
Psilocybe pelliculosa F  
Psilocybe stuntzii D  
Pucciniastrum goeppertianum D (rust)  
Ramaria spp. FF#RDW  
Ramaria apiculata W  
Ramaria formosa F\*RW  
Ramaria rasilispora F  
Ramaria stricta W  
Resupinatus applicatus R  
Rhizopogon sp. D  
Rhizopogon darkerii FD  
Rhodocybe hirneola W  
Rhytisma punctatum RD  
Rickenella fibula W  
Russula, sp. F\*DW  
Russula albonigra R  
Russula brevipes DW  
Russula cascadiensis W  
Russula cyanoxantha F\*F#RDW  
Russula emetica R

Russula fragrantissima F  
Russula variata W  
Russula xerampelina D  
Sarcodon imbricatum D  
Scleroderma sp. D  
Sparassis crispa FF#D  
Spathularia flavida FDW  
Stereum sp. RD  
Stereum hirsutum W  
Stilbella sp. on Stereum RW  
Strobilurus ? albipilatus F  
Strobilurus trulisatus DW  
Stropharia ambigua F\*F#D  
Suillus sp. R  
Suillus brevipes F  
Suillus caerulescens FD  
Suillus granulatus D  
Suillus lakei FF#DS  
Suillus luteus D  
Suillus placidus F  
Suillus sibiricus F  
Suillus subolivaceus D  
Suillus tomentosus  
Taphrinaalni FD  
Thelephora terrestris grp. FDW  
Trametes hirsuta grp. W  
Trametes versicolor DW  
Tremella mesenterica RW  
Tricholoma sp. DW  
Tricholoma albobrunneum F#  
Tricholoma flavovirens RDW  
Tricholoma imbricatum D  
Tricholoma magnivelare D  
Tricholoma pessundatum D  
Tricholoma populinum FD  
Tricholoma saponaceum F#D  
Tricholoma sejunctum RDW  
Tricholoma sulphureum D  
Tricholoma terreum D  
Tricholoma vaccinum D  
Tricholoma zelleri  
Tricholomopsis rutilans D  
Truncolumella citrina F  
Tubaria sp. RW  
Tubaria tenuis (W  
Tylopus pseudoscabar RD  
Tyromyces chioneus FRDW  
Xeromphalina sp. FW  
Xeromphalina campanella FW  
Xeromphalina fulvipes RW  
Xylaria hypoxylon RDW

-RSW

## **CUMULATIVE CHECKLIST**

The cumulative checklist has grown some this year (555 entries), although it has been comforting to see many of our mushrooms following predictable fruiting seasons. I will try to have a sneak preview of the checklist available for the next meeting. -RSW

## **MOLYBDITES SIGHTED IN SOOKE**

Some of you may remember Gilles Patenaude, one of our founding members. Although other commitments have prevented him from participating in SVIMS lately, he is still on the mushroom "scene". He was recently featured in a front-page article in the Wednesday, Oct. 4 edition of the Sooke News Mirror, in which he identifies a mushroom, Chlorophyllum molybdites (= Lepiota molybdites) for the reporter. Although I haven't yet seen it on the Island, this is a good one to look out for if you are in the habit of consuming Lepiota rachodes. C. molybdites looks very similar, but is definitely poisonous. The most reliable way to tell the difference is the spore print - C. molybdites produces a greenish spore print, whereas the spores of L. rachodes are white. C. molybdites more frequently occurs in southeastern U.S.A., but finding it in the Pacific Northwest is not totally out of the question. We'll be putting it into the cumulative checklist, at any rate. -RSW

## **BOUNTY HUNTERS**

Chanterelles, pine mushrooms, and morels are standard fare for commercial pickers, but what about good old Agaricus bisporus? Or Laccaria amythestio-occidentalis? Believe it or not, there are bounties on these mushrooms. The angle is that these are research bounties. In the case of Agaricus, the Agaricus Resource Program is looking for new wild strains of Agaricus bisporus, A. subfloccosus, or A. subperonatus. Bounties range from \$US 25 for a strain which turns out to have a new combination of known genes to \$US 100 for a previously unknown gene (they do the testing). Contact the Agaricus Resource Program, Dr. R.W. Kerrigan, RD#1 Box 461, Worthington, PA 16262 USA for more information. Meanwhile, Dr. James Whitehead of Vector Labs in Burlingame, CA (415-697-3600, fax 415-697-0339) is looking for fruiting bodies of L. amythestio-occidentalis and Aleuria aurantia (the orange peel fungus) as sources of proteins for biotechnology research. Vector is paying \$20 US per pound for fresh or fresh frozen material and reimburses shipping. And you thought that they were just pretty fungi! For those who would rather grow'm than hunt'm, medicinal mushrooms seem to be the hot new topic. One grower in Washington State is offering dried Maitake (Grifola frondosa) at 76 \$US/kg (\$US 650/kg for dried extract powder!) -RSW

## CHICKEN-QF-THE-WOODS ~ LA POLONAISE

-Contributed by Renata Outerbridge

1.5 cups	Chopped <u>Laetiporus sulphureus</u> (Chicken-of-the-woods)
2 tbsp.	Butter (not oil)
1 tsp.	Salt
To taste	Pepper
2 tsp.	Maggi liquid
1 tbsp.	Mixed dried herbs (parsley, dill, lemon peel, chives)
1 dash	Garlic powder
2 tbsp.	Red wine (optional)
3/4 cup	Cream (half-and-half)

Select a young fruiting body. Blanche in hot water for 10 seconds. Slice or chop into fairly small pieces. Sauté in butter for about 3 min. Add salt, herbs, Maggi (liquid), and wine, simmer for 10 min. Remove from heat, add cream, cover and let stand for a few minutes before serving. To adjust thickness, let simmer longer to thicken, or add more cream or wine to thin.

Editor's note: If you've never tried this mushroom before, only try a little bit in case you are sensitive to it. Avoid this mushroom if it has been collected on Eucalyptus. Also, be sure to cook it through thoroughly - L. sulphureus seems to be quite toxic to some people when it is raw (but don't worry too much - so are baking beans!)

## MUSHROOM SALSA

Are you ready for this one? It's adapted from Hearon, Reed. 1993. Salsa. Chronicle books, San Fransisco.

1 tbsp.	Smoked bacon (chopped)
1/4 lb.	Wild mushrooms (morels, boletes, etc.)
1 tbsp.	Cilantro (coriander), fresh, chopped
1	Chile, serrano, w/seeds, minced
1 tbsp.	Finely chopped onion
To taste	Salt

Sauté bacon until cooked through (5 min.). Add mushrooms, set heat to medium high, sauté and stir until mushrooms are soft and lightly browned (6 min.). Transfer to bowl, add remaining ingredients, mix. Makes 1 cup.

Can be served on steak, or with cheese in a tortilla, or with lettuce in a salad, or with chips. It should be consumed soon after making it, but it can keep 1-2 days refrigerated.

## IN DEPTH: KEY TO MYCOPHILES

Obviously, every mushroom lover (mycophile) is a unique specimen unto itself - all you have to do is look at the SVIMS membership for proof of that. At one time or another, though, many of us are tempted to classify mycophiles into groups or tribes according to their general appearance, habitat, socio-ecological niche, etc. I didn't have any particular individuals in mind when I wrote the key below, so if you happen to "key out" to a particular subgenus, or if you can't keep up with the jargon, please accept my apologies. -RSW

Genus Mycophilus

1. Terrestrial, down-to-Earth, often to the point of being resupinate, saprophilic (readily imbibes fermented malt extract) .....Subgenus Cervezaphilum

1. Extraterrestrial, high-strung or often comatose and somewhat oenophilic or viscid ..... 2

2. Variable, usually lurking along fence-rows after summer rains, saprobophytic, or if parasitic, markedly necrophilic ..... Subgenus Necrocryptus

2. Not as above, symbiotic or predatory ..... 3

3. Slightly tomentose (peel back cap), but hairs usually lost with age or synthetic or grey, particularly if using keys which repeatedly use the phrase "not as above" ..... Subgenus Tormentosus

3. Not as above .....4

4. Fruit body grey (between two ear-like lobes), fruity, deeply cracked, schizoid, or substantially repressed, very common ..... Subgenus Subgenus

4. Not as above .....5

5. Gregarious, appearing in large clusters or troops, usually associated with foresters and other fir-bearing creatures ..... Subgenus Packopachydermus

5. Not as above, avoids reading entire triplet in keys ..... 6

5. Not as above .....3

6. Uncommon, sequestering huge amounts of fungal fruiting bodies (eg. Morchella spp., Boletaceae, Cantharellus; spp.) then dispersing them to other mycophiles ..... Subgenus Altru-magnanimous

6. Not as above, with adhering soil particles...Rattus rattus

## UPCOMING EVENTS

2 November (Thursday) Annual general meeting

This is the last meeting of the year, for election of officers. Dr. Shannon Berch of the B.C. Ministry of Forests will give a presentation on forest fungi.

25 November (Saturday) Survivor's Banquet

The annual SVIMS family potluck feast will be held this year at the Gordon Head Lawn Bowling Club, 1742 Lambrick Park Way, starting at 5:00 p.m. Please bring a potluck dish and beverage. The theme will be... MUSHROOMS! (of course). The going thing will be anything that looks, tastes, or smells like mushrooms, but no dish will be turned away if it looks even remotely edible! To reach the spot, proceed north on Shelbourne to Felthem, turn right on Felthem, then left at the signs pointing to Lambrick Park and Gordon Head Rec. Centre. Bring your musical instruments, make up a fungal poem or song if you're so inclined, and prepare to have a good time!

December (No meeting)

January (No meeting)

1 February 1996 Monthly meeting

## I BLEWIT

Actually, someone else helped this time. The *Amanita baccata* listed for the 16 September foray to Shawnigan Lake was actually *A. silvicola*, a far more mundane find. There are no records of *A. baccata* for B.C.

