NJMA NEWS

THE OFFICIAL NEWSLETTER OF THE NEW JERSEY MYCOLOGICAL ASSOCIATION

Volume 36–1 January – February 2006

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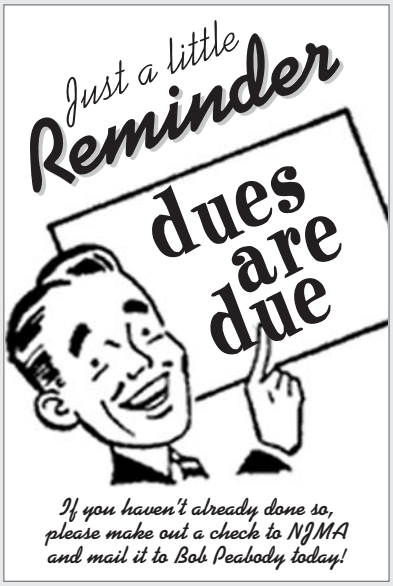

CALENDAR OF UPCOMING EVENTS

Sunday, January 8
2:00pm

Meeting and Lecture at the Unitarian Society, Tices Lane, East Brunswick, NJ.
John Dighton, Guest speaker

Sunday, February 12
2:00pm

Meeting (Mycophagy) at the Unitarian Society, Tices Lane, East Brunswick, NJ.
Special guest chefs:
Michael Peters of Pierre's Restaurant and Wine Bar in Morristown, and **Dirck Noel** of Winner's Circle BBQ in Blairstown

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Saturday, February 25
7:00pm

NJMA Culinary Group:
"Balthazar Bistro" Supper
at the Long Hill Rescue Squad, Gillette, NJ

Sunday, March 5
2:00pm

Meeting and Lecture at the Frelinghuysen Arboretum, Morristown, NJ
Speaker to be announced

Sunday, April 2
2:00pm

Meeting and Lecture at the Frelinghuysen Arboretum, Morristown, NJ
Walt Sturgeon, guest mycologist, will present
"Just For The Smell of It"

Directions to the Unitarian Society, Tices Lane, East Brunswick

From New Brunswick via Route 18: Take U.S. Highway 1 south, exit at Ryders Lane to East Brunswick, continue to the second light, and turn left onto Tices Lane. The Unitarian Society is the 2nd drive on the right before you go under the NJ Turnpike.

From the south via the Garden State Parkway: Take Route 18 north toward New Brunswick to Tices Lane exit (take jughandle from right lane of 18 across to Tices Lane). Follow Tices Lane until you pass under the Turnpike. The entrance is in the woods on the left just after you leave the underpass.

From the NJ Turnpike: take Exit 9 to Route 18. Take Rt 18 South to East Brunswick. On 18, turn right onto Tices Lane at the third traffic light. Follow Tices Lane until you pass under the Turnpike. The entrance is in the woods on the left just after you leave the underpass.

Directions to the Frelinghuysen Arboretum, Morristown

Traveling from the South: I-287 Northbound to Exit 36A (Morris Ave.). Proceed East approx. 1/2 mile in the center lane, past Washington Headquarters (on left). Take left fork onto Whippany Road. Turn left at 2nd traffic light onto East Hanover Avenue. Proceed for about 1/4 mile. Entrance is on left, opposite the Morris County Library.

Traveling from the North: I-287 Southbound to Exit 36, following signs for Ridgedale Avenue (bear right in exit ramp). Proceed to traffic light, then turn right onto Ridgedale Avenue. At 2nd traffic light, turn right onto East Hanover Avenue. Proceed for about 1/4 mile. The Arboretum entrance is on the right just past the traffic light at the Morris County Library.

Traveling on New Route 24: New 24 West to Exit 1A, (also labeled as Rt. 511 South, Morristown) onto Whippany Road. Stay in right lane. Turn right at 1st traffic light onto East Hanover Avenue. Proceed for about 1/4 mile. Entrance is on left, opposite the Morris County Library.

PRESIDENT'S MESSAGE

With 2005 and the holidays behind us, we mushroomers need to start looking forward to the new fruits of the fungal world coming to us in a few short months. Before you know it, morels will be popping and new species will be showing up on our foray tables, so don't get hung up in the winter blahs – all will be back sooner than you you can say *Hohenbuehelia petaloides*. And don't forget, if we have a warm spell somewhere between now and then, well, you never know what you'll find.

Later this month, the NJMA Executive Committee will sit down to consider your ideas and to plan our activities for the coming year. Hopefully, we'll lay good groundwork to actively involve as many of our members, from all parts of the state, in the exciting and interesting activities which make us such a unique organization. NJMA has a long history of being one of the most active clubs in the mycological community, and we all want to make sure that this not only continues, but continues to flourish. We've got lots in store: lots of forays, lots of interesting speakers at our meetings, and lots of new ground to cover with our big annual event, Fungus Fest, which will be held this year in an exciting new location, The Frelinghuysen Arboretum in Morristown.

NJMA has tremendous accomplishments to be proud of with Fungus Fest over the years. We have opened the doors of mycology and mycophagy to thousands of curious amateurs, taken on new members, and established an annual public-information tradition which many inside and outside of the club look forward to. But, even among the veterans of the club, we have seen that the mycelia of Fungus Fest have not grown a whole lot over the past many years, and it's time to make those fibers grow again! John Horvath has graciously volunteered his time this year to be our new Fungus Fest chairman, and I personally think he's probably the best person we have to coordinate and add new life to our annual public mega-event. John is a distinctive past President of NJMA, and he has the energy, drive, people-friendliness, and dedication to coordinate all the new and revamped activities which we'd all like to see at Fungus Fest. In cooperation with the other volunteers we have for "sub-chairs", Nina Burghardt, Glenn Boyd, Grace Barbagallo, and others, plus all of YOU, Fungus Fest 2006 promises to be a noteworthy event and the beginning of a new chapter for NJMA.

Toward that end, I would like to invite as many members, new and veteran, to contact John at (732) 249-4257 (or email him at ***johnterryh@worldnet.att.net***) to volunteer your talents and time to making our "new" Fungus Fest one of the most successful ever. You may think that it's too early to be thinking about an event scheduled to take place in October, but time passes more quickly than you'd think! Much needs to be done since we're working in completely new and larger venue. (Just as an example: We are not permitted to "hang" signs and posters on the walls at Frelinghuysen, so we'll need to devise and possibly build a system which allows us to post signs and posters at eye level for each of the display areas...and, we'll need to have a place to store whatever we build!) A revamped Fungus Fest will be challenge this year, but I know that NJMA members are up to the task and are always willing to share to make our events interesting, informative, and a pleasure to attend. Please do get involved!

Speaking of new and interesting events, please make a note to attend our February 12 Mycophagy meeting where you'll be treated to mycophagal morsels from two expert chefs, Michael Peters of Pierre Restaurant and Wine Bar in Morristown and Dirck Noel of the Winner's Circle BBQ in Blairstown. Both chefs will bring their diverse backgrounds to NJMA and prepare some creative and tasty mushroom treats with mushrooms supplied by Phillips Mushroom Farms and some of our members. I know it's cliché to say this, but you will not be disappointed! See you there.

– Jim Barg

EDITOR'S RAMBLINGS

In the spirit of the holidays, I will skip asking members for contributions and I will concentrate on thanking people who have made my job as editor of NJMA News a lot easier.

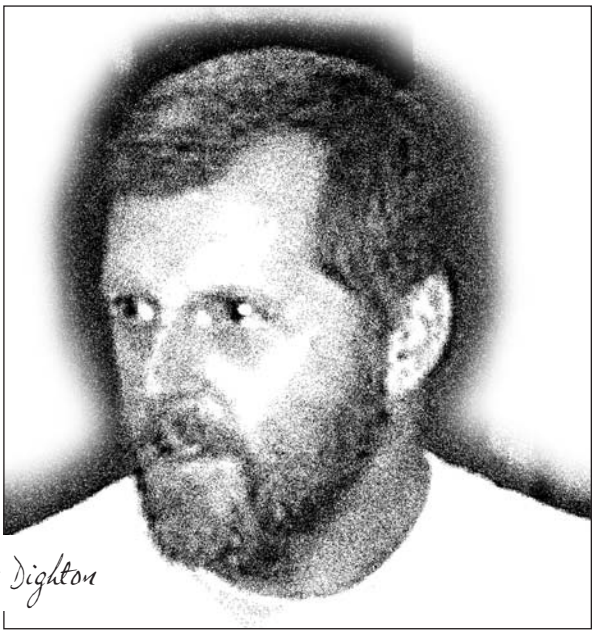
I would like to thank the regular contributors (for articles and photos): Dorothy Smullen (who also gets to proofread a lot of the material), Susan Hopkins, and Lou Rivera.

Also, I have to thank the other contributors who have added immeasurably: Rod Tulloss (tech stuff), Marc Grobman (definitely tongue-in-cheek, but very useful), Terri Layton (a refreshing new voice), Gene Yetter, Nina Burghardt, and, of course, the Boyds for the heroic job of cataloging all the foray finds and putting them into an invaluable document.

As I have said before (too many times I am sure, but there is no getting around it): "This is your newsletter. It will be whatever you make of it, so please – the more we have to work with, the better it will be."

And, a very special thanks goes to Jim Barg for taking all of the pieces and turning them into something very special (and who's trying to teach me how to do a lot of the preliminary work before he "massages" it into shape.)

Looking forward to a great year ahead… *– Jim Richards*



Dr. John Dighton

DR. JOHN DIGHTON – AN APPRECIATION

by Nina Burghardt

What do Chernobyl, jet fuel, and heavy metals have in common? How do lichens break up soil? What effect does fire have on fungi? You can get the answers to these questions, and others, if you attend the lecture by Dr. John Dighton at 2:00pm on January 8 at the Unitarian Society, Tices Lane, East Brunswick.

Dr. Dighton presently works at the Rutgers University Field Station in New Lisbon. He is a teacher, researcher and author of over 100 professional publications. He is also a gripping speaker who uses understandable, everyday English.

The first time I heard Dr. Dighton, he was talking about soil. He took a footprint of soil and examined all the living beings that you would find in that footprint and how they all hung together.

The second time I heard Dr. Dighton was when I invited him to PEEC. In his talk, he posed four questions (which are also in his book, *Fungi in Ecosystem Processes*):

1) How have fungi adapted themselves to survival within the constraints of the environmental and biotic factors surrounding them?

2) How do fungi function to maintain the balance of the ecosystem?

3) How do fungi alter the environment of the ecosystem so they can survive?

4) How do fungi influence the population and community structure of other organisms?

Dr. Dighton's presentation at PEEC was well illustrated and understandable. After his presentation, he answered questions well into the night.

I am now eagerly waiting to hear Dr. Dighton a third time. Come to the meeting, you will enjoy it.

FEBRUARY MYCOPHAGY MEETING TO FEATURE PROFESSIONAL CHEFS

by Jim Richards

Our Mycophagy meeting on February 12th will be something new, yet something of a return to the way NJMA used to conduct our annual big-food event. This year, we have invited Michael Peters, chef-owner of *Pierre's* in Harding and Dirck Noel, chef-owner of the *Winner's Circle BBQ* in Blairstown, to share some of their secrets of mushroom cookery with us. *(see the bios of the chefs on page 11 of this newsletter)*

When mycophagy sessions were started in 1978 (yes, this will be the 29th such presentation), the idea was to educate our members about how professional chefs deal with mushrooms in their restaurants: How they choose them, prepare them, and use them on their menus. What better way than to bring a few chefs in to share their techniques?

We are in for a real treat, and I am certain there will be a lot to learn. We (Jim Barg, Bob Hosh, and myself) will be meeting with Michael and Dirck in January to finalize the format. Most likely, each of the chefs will demonstrate a number of different recipes (Jim tells me that Dirck is looking for some mushrooms to prepare in his smoker – that will be a first for many of us), we'll get to try them out, and then we'll have a question-and-answer session so that we can "pick their brains".

I am certain that this will be an event you will not want to miss, so mark you calendars now for February 12 at 2:00 PM. Be at the Unitarian Society in East Brunswick for one of our best Mycophagy sessions yet.

(And yes – this is still a NJMA MEMBERS ONLY event)

There are mushrooms that can kill you.
Some will nauseate or chill you.
And there's others that will fill you
with delight.

Some are simply unhygienic.
And a few hallucinogenic
Which will land you in a clinic
in a fright.

So the thing to do is fry them.
Get the wife and kids to try them.
Then it's easy to identify them.
Right?

– *Ralph Nolan*

*(from **SporePrints** #417, December 2005, Puget Sound Mycological Society)*

TRAPPE TRUFFLE MARATHON

by Nina Burghardt

On the first weekend in November, we had a "truffle marathon" with Dr. Jim Trappe. Dr. Trappe, a retired teacher of Forestry Science at Oregon State University is a truffle expert. He has collected truffles on five continents and is presently working with the Australian government as a specialist in truffles and other fungi. He recently co-authored *NATS Field Guide to Selected North American Truffles and Truffle-like Fungi* with Frank Evens and Matt Trappe.

On Saturday, we went on a foray to Brendan Byrne State Forest. We did not find any truffles, but we did find some *Rhizopogon* species (*rhizo* = root, *pogon* = beard). We found other fungi also, and the visiting NYC Mycological group which came along with us was very helpful with our post-foray identification. We appreciated their input, as always, and look forward to seeing them often.

After the foray, we went across town to Medford Lees' community room and examined the *Rhizopogon* under a microscope. (We thank Jane Bourquin and Medford Lees for making the room available.)

Rhizopogons look like small potatoes covered with webbing. They are edible, but are not very good. Dr. Trappe has made "pogochips", but apparently the most attactive thing about them is their name!

On Sunday, Dr. Trappe talked to everyone at our final meeting in the SCEEC building. He told us about the flying squirrels who love truffles so much that they will change course in mid-glide when they catch a whiff of truffle aroma. He explained how truffles may have, at one time, produced fruiting bodies above the ground, but have since adapted to adverse climatic conditions by remaining underground. The fungi are eaten by animals who find the aroma irresistible. The spores are then spread in the animal scats.

We all enjoyed Dr. Trappe's visit and thank him for introducing us to The Wonderful World of Truffles.

Susan Hopkins with Dr. Jim Trappe at SCEEC

Election of NJMA Officers

At the December 4, 2005 meeting,
the following people were nominated
and elected by "show of hands" to each of
the following posts for Calendar Year 2006:

PRESIDENT: Jim Barg
VICE PRESIDENT: Nina Burghardt
TREASURER: Robert Peabody
SECRETARY: Ania Boyd

NEXT CULINARY GROUP SUPPER: BALTHAZAR BISTRO

submitted by Jim Richards

On February 25, 2006, the NJMA Culinary Group will be holding a Bistro Supper based on recipes from the *Balthazar Cookbook* by T. McNally. When I began to put together a menu for the next dinner (which was to be a regional French dinner, specifically the Alsace-Lorraine area in northeast France that abuts Germany, and has some great food), I turned to the cookbook from Balthazar, since it contained recipes for some Alsatian staples. I was totally enthralled by the recipes and decided to just slightly shift gears and use just a single source for the recipes for the dinner (We last did this for our Norwegian dinner, *Kitchens of Light,* and it worked very well). There are a lot of great recipes: everything from the traditional main dish which we will be serving, a *Choucroute Garnie* (sauerkraut with all kinds of sausages and meats) to slightly-tweaked versions of old favorites like cured salmon *(gravlax)* finished with olive oil and herbs.

As usual, this is a planned menu, not a pot-luck. We are limiting attendance to 30 diners (any more can cause problems with having dishes large enough to serve everyone). Diners need to bring their own plates, utensils, glasses, napkins, etc. Coffee and tea are provided. Attendees should bring their own wines, beers, sodas, etc. if they so desire.

Food is served at 7:00 pm, and the kitchen is open at 6:00 for those who need to do cooking at the dinner.

To reserve a space, or for additional information, please contact either Jim Richards at 908-852-1674 (email: ***jimrich17@netzero.com)*** or John Horvath at 732-249-4257 (email: ***johnterryh@worldnet.att.net***)

As an aside: John Horvath just gave me an old copy of NJMA News with the announcement of the very first "Culinary Banquet" that Melanie Spock and I put together. The date of the first dinner was April 23, 1983. There have been a *lot* of dinners (and a lot of great food) since then. Help the tradition continue!

FATTO HERBARIUM NOW ONLINE AT NY BOTANICAL GARDEN WEBSITE

by Gene Yetter

The *Russula* and *Inocybe* herbarium collections of deceased NJMA member Ray Fatto can now be accessed online at the internet website of the New York Botanical Garden (NYBG).

Ray donated his collections to the Garden shortly before his death in December 2003, and the material is in the process of being integrated into the NYBG's own herbarium, one of the major plant and fungal herbaria in the Western Hemisphere.

On November 30, NYBG Herbarium Director Barbara Thiers, and Curator of Mycology Roy Halling, hosted a luncheon. They invited Ray's wife Bernice, Dorothy Smullen, and Gene and Ruth Varney, to commemorate the uploading of the Fatto data to the website.

Dr. Thiers toured the group through an exhibit on ten current plant and fungi research projects being conducted by the Garden, and took them through the institution's new specimen mounting lab and imaging facility, and its state-of-the-art herbarium storage rooms.

The Fatto herbarium data now available online includes names and basic details on 1045 *Russula* collections and about 250 *Inocybe* collections.

The web address for the Fatto page, briefly describing Ray's background and his herbarium, is:

http://sciweb.nybg.org/science2/hcol/rmfatto/fatto.asp

The page can also be reached by following the Science thread from the NYBG homepage, ***www.nybg.org***.

Thus, Ray's material, the fruit of his labor, is available to online researchers, who can locate specimens through the website, and then, perhaps, request a loan of material of interest. Ray's work lives on!

In addition to the fungal specimens going into the NYBG herbarium, Ray's notebooks, along with reprints of much of the literature that he found most useful in his studies, have been incorporated into the Garden's library archive. The archive material is available in accordance with library guidelines.

Eventually, images of the specimens and of Ray's handwritten notes and sketches are planned to be linked to the record for each collection.

(NOTE: Since the start, databasing of Ray's collection has been a spare-time project of mine in my capacity as a volunteer at the Garden. Bart Buyck and I, in my car that day, carried the boxes containing Ray's collections from his home in Hillsborough to the Garden. I am willing to try to answer questions about either the Fatto material or the Garden database. Write to me at: ***gyetter@worldnet.att.net****. – G.Y.)*

Gene Yetter, Ruth Varney, Bernice Fatto, Roy Halling, Gene Varney, and Barbara Thiers

USE 'GOAL-FOCUSED BEHAVIOR' TO EASE FORAY WITHDRAWAL SYMPTOMS

by Marc Grobman

When you think of the cold leafless landscape of your favorite foraging grounds, do you feel the ache of loss? Do your daydreams rerun time-lapsed sequences of an eggshell-smooth, conical mushroom cap gently pushing aside wavy-edged white oak leaves covering the forest floor? Do you sigh with pleasure as it swells to a robust convex and the reticulation on its stipe becomes prominent?

According Dr. Mycena Muscaria, a Clinical Boletusist at Tufts-Hopkins Medical Institute for Advanced Analysis, you are exhibiting symptoms of foray withdrawal (FWD), a condition afflicting 37% of Northeastern mycologists during winter. Writing in the January issue of the *Bulletin of Applied Pyschomycological Studies*, Dr. Muscaria reports that 67% (P=0.07) of participants in a clinical study achieved FWD mitigation through a prescribed regimen of exercise, nutrition, and focused en-gagement in foray preparatory activities.

Explaining the latter component, Dr. Muscaria writes, "Reactive thought processes exacerbate FWD. Conversely, when mycologists proactively channel energies in goal-focused behavior, they gain a sense of empowerment, causing rapid palliation of FWD-associated expression." Earlier studies found similar reductions in symptoms among rats and fruit flies, she added.

Five of the proactive goal-focused activities detailed in Dr. Muscaria's paper are summarized below, edited for a lay audience.

Help your hands to harvest happily: Last year, we held our first foray in Mercer County on May 1. Trenton is in Mercer County, and according to the Weather Underground Weather Service, its average minimum temperature for May 1 is 48 degrees. In those conditions, your hands might feel cold, and you might lose mushroom-picking dexterity.

So invest $3.00 to $4.00 for the best chilly-weather foray gloves money can buy. Find the automotive supply aisle of your local drug store or supermarket and buy a pair of mechanic's gloves, specifically, Stanley HandHelper Dotted Jersey Gloves. They're far tougher, thinner, and more flexible than gardener's gloves, and provide comfort in temperatures down to the mid-forties.

Fix fungi-finding footwear and leggings: Inspect your foray sneakers, shoes or boots – do they need new laces? If they're made of leather, do they need treating or waterproofing? Do it yourself or take them to a professional soon. You don't want to be pleading with the shoe repair shop, "But I need these back tonight for tomorrow's foray!"

Examine your foray pants. If they have actual or potential holes in the knees, there's an easy way to patch them without sewing. You just need a cheap small brush and small can of contact cement, which you can buy at a hardware store. Liquid Nails, a brand available at Sears, works much better than Weldbond, the brand most stores stock.

Turn your pants inside-out, and insert wax paper underneath the hole you'll patch to stop any cement from leaking through. Cut a piece of fabric to patch your pants from the inside and trace its outline onto your pants with a marker. Turn the patch upside-down, and brush a thin coat of cement on it and within the outline you traced. Wait 15 minutes, then place the glued side of the fabric against the glued side of your pants. Pound it with a rubber mallet to seal the bond. Let it dry overnight.

Slice stipe ends swiftly: Have you ever desperately rummaged for your knife while your colleagues cheerfully harvested mushrooms that could have been yours? Sure, you were happy for them. But next time, wouldn't it be nice if you could find your knife quickly and not have to be satisfied with their leave-behinds?

So go online, or to a hardware or sporting goods store for a small knife with a long thin blade and a holster that you can strap on your belt or basket. Then you can slice off kilos of *sulphureus* and *Grifola* while your poorly-equipped colleagues are still fumbling for their knives. Not that you would feel good about it. That would be wrong.

What? You already have a knife with a holster? Great! Does it need sharpening?

Foil fungi tar with better bags: If you store your mushroom pickings in plastic bags, they can turn into tar within a few hours. That's because mushrooms need to "breathe," to get fresh air. Paper bags will do, but waxed paper bags are best. They also allow fungi to breathe, and unlike paper bags, won't turn soggy from damp fungi. But they're hard to find, so stock up on some now.

Check local health food stores. Many carry or can order for you Natural Value waxed paper bags. These brown-tinged 7-13/16" x 6" bags are made from unbleached fibers, which means fewer chemicals were used to make them, and that they compost more quickly. If you can't find them locally, visit ***www.naturalfarms.org*** (item number 9877), or ***www.shopnatural.com*** (search "waxed paper bags"). Sorry, neither takes phone orders.

If you don't mind buying by the case, you can order 6" x 7-1/4" or 6-1/2" x 8" clear wax paper bags from ***www.papermart.com*** (search "dry wax bags"), phone 800-745-8800. Or, get 7-13/16" x 6" Waxtex brand wax paper bags from ***www.cellutissue.com*** (click "Order Products") or phone 800-258-3781.

Locally, some pharmacies, bagel shops and bakeries use wax paper bags for what they sell. Maybe you could buy some from them.

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Finally, you can try the informal NJMA co-ops. Susan Hopkins, and Glenn and Ania Boyd occasionally buy wax paper bags in bulk and resell them to members at forays. Ask them if they have any for sale at the next foray or meeting you attend.

Buy a basket for your bounty: Is your basket in good condition? Are you happy with its width, depth, and shape? If not, decide on the basket type and dimensions you want, and write the information down. Next, hit the printed or Internet yellow pages – Netscape offers a good one at **http://yp.netscape.com** – to find such apostrophe-despising stores as Marshalls or Michaels, or T.J. Maxx. All, at least recently, carried large basket selections. Chain drug stores and thrift stores also sometimes carry baskets.

Pack a tape measure as you head out, so you can check basket dimensions in the stores, and a pen so you can note on your list what each store stocks. When you complete your reconnaissance, circle back and buy the best basket.

If you don't find one to your liking, mark on your calendar for March 16, "Find Fungi Basket!!!" That's one month before Easter, when stores may expand their selections. And just in time for you to consider the suggestions in the next NJMA News, on ways you can customize your basket.

FAO WILD EDIBLE FUNGI WEBSITE

submitted by Nina Burghardt

I recently discovered an interesting website produced by the Food and Agricultural Organization of the United Nations (FAO). The title is *Wild Edible Fungi – A Global Overview of Their Use and Importance to People* by Eric Boa.

This site can be viewed by (carefully) typing this URL: ***http://www.fao.org/docrep/007/y5489e/y5489e00.htm*** Or, if you prefer, you can go to ***http://www.fao.org*** and type 'Malawi fungi' into the search box on their site. You can browse in either English or Spanish.

This site deals mostly with the use of fungi in the developing world. Fungi are eaten in many out-of-the-way places by the poorest of the poor. In rural areas throughout the world, they are used to augment subsistence diets by adding nutrition and flavor. Due to the perishable nature of fungi, they do not appear in many markets and are hard to store, so they have not been widely researched as a major food source.

Sometimes fungi which are considered poisonous in the USA are eaten in other countries and vice versa. In Malawi, *Boletus edulis* is considered poisonous, while *Schizophyllum commune* and eleven types of *Amanita* are consumed.

The site has seven chapters:

1) Introduction
2) Characteristics: biology, ecology, uses, cultivation
3) Management: wild edible fungi, trees, forest users
4) Importance to people: food, income, trade
5) Realizing the potential: prospects, actions, opportunities
6) Sources of advice and information
7) References

The thing that really intrigues me is that, while I am out in the woods looking for *Cantharellus cibarius*, there is another woman in the Congo jungle, with a baby strapped to her back, looking for the same thing. It is indeed a small world. Look up this site – you will not be disappointed.

NJMA CULINARY GROUP NOVEMBER SOUP SUPPER

a report by Bob Saunders

Who would think it possible? But we did it again! Most people don't think of a dinner as just soup. But the NJMA Culinary Group had a dinner, nay, a feast, last November 12. Thanks to the Long Hill First Aid Squad, whose facilities we used, we all had more good food than we could eat, though we tried. There were so many soups we had to serve them in two separate courses, plus appetizer and dessert courses.

Starting with a well-varied cheese platter, Shiitake Paté, and Mushroom-filled Phyllo Triangles, we kept going. The first round of soups were lighter: Morel Miso Soup, Sauerkraut Soup (did I say lighter?), Madras Tomato Soup with Cumin and Coconut Milk, and a Pumpkin and Mushroom soup. The delightful variety of interesting and lively flavors would have been enough for most folks. But not our intrepid Culinarians! Then came the hearty stick-to-the-ribs soups: Krupnik (Mush-room Barley Soup), a Chick Pea-Spinach-Sausage Soup, a surprising Cheddar-Stilton Cheese soup, and an exotic Egyptian Potato soup. Any of these could have been a meal in a bowl. Even without the delicious Cuban Bread, which is too good to be as quick as Jim Richards swears it was. Then came death-by-dessert: Cheesecake and a platter of exotic fruits were matched by the Greek pastry, *Galactoboureko*. (I'm glad there was so much of it left over – more for me!)

The bottom line: we all got into practice for Thanksgiving. So if you haven't been in a while, or ever, be sure to attend the next taste-bud orgy. It is a bargain, easy, includes good conversation with some nice people, and you get to try dishes you would have to travel all over the world to find. Make a note to catch the next one, coming in February.

(see photos on page 10)

NJMA 2005 PHOTO CONTEST WINNERS

submitted by Dorothy Smullen

Thank you to all ten participants in the NJMA Photo Contest for 2005. There were many photos taken through microscopes this year…so there will be a new category next year. Please keep taking those special photos. Many thanks to Ray Lord, our judge, Doug Eveleigh for the loan of the LCD projector, and Glenn Boyd for his laptop.

The 2005 winners are:

Digital Novice Activity	— Bob Hosh and group at Meadow Woods	— Susan Hopkins
Digital Novice Technical	— Chicken Mushroom	— Dorothy Smullen
Digital Novice Pictorial	— Cedar apple rust - *Gymnosporangia*	— Susan Hopkins
Digital Advanced Activity	— Having Lunch	— Al Simpson
Digital Advanced Pictorial	— Gills of *Mycena leaiana*	— John Plischke III
Slides Novice Activity	— Chanterelles and Hazelnuts in Danish Market	— Dorothy Smullen
Slides Novice Technical	— *Cortinarius sanguineus*	— Susan Hopkins

There was only one participant in the Advanced Slide category, so there was no judging. Most of the members present agreed that the *Austroboletus betula* slide of John Plischke III was the best Pictorial.

TRUFFLES: LOVE THEM OR LEAVE THEM?

contributed by Jim Richards

In an article by Katy McLaughlin in the *Wall Street Journal,* she states that the reason that people either enjoy the taste of truffles or detest them depends on their sensitivity to a chemical component called androstenone. 25% of the population have no reaction at all to this chemical, which contributes to the fungus' signature musky aroma – the aroma that makes female pigs go into the mating stance. Another 40% are keenly sensitive to it. They say it smells like rotten wood or sweat. That leaves 35% of the population that likes the smell – and makes them willing to pay to have it added to their food for as much as $110 for a plate of spaghetti with white truffle shavings (at Café Boulud in New York). Restaurants serving truffles may be paying up to $1,600 per pound for this most-expensive fungus, yet some diners may be so turned off by the "overpowering woodsy taste" that they want to make sure that truffles are not in any of the food that they order. Research is "still out" as to whether perception of the compound is due to differences in individuals' noses or in the way the brain processes aroma messages.

If you are tempted to spend several hundred dollars on a truffle dinner, ask a specialty food store to let you take a whiff of a truffle or a high quality truffle oil made with genuine truffles. (Editor's note: I have learned through trade publications that there is no such thing as a white truffle oil that is made with anything but manufactured flavors!) If you smell nothing, or, worse, you smell overpowering notes of rotten wood, urine, or sweat, you might want to save your money for another "delicacy".

RECIPE FILE

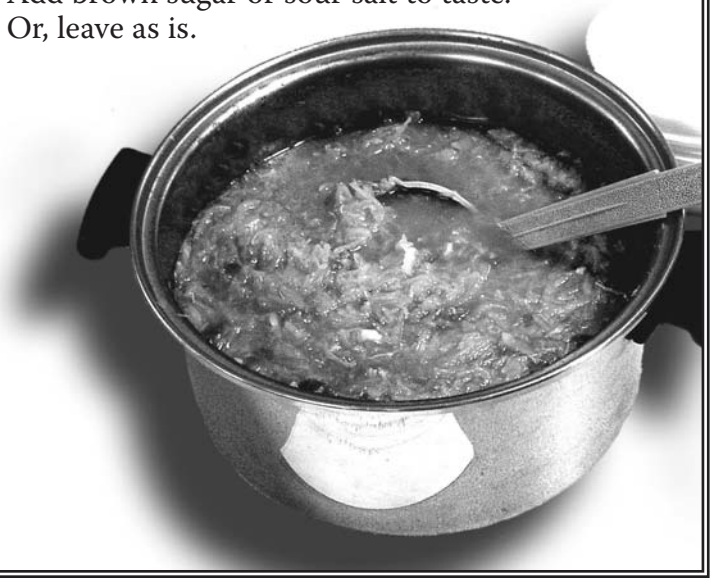
Capuseka (Polish Sauerkraut Soup)

as prepared by Nancy Addotta for the Soup Supper

2 lbs. country spareribs
2 lbs. bagged sauerkraut
(rinsed, if you desire a less sour soup)
2 large onions, sliced thin
2 or 3 whole cloves
2 bay leaves
1 32 oz. can peeled tomatoes in juice
Ground black pepper

Put all ingredients in a large pot. Add water to cover. Cook for two hours until meat is tender.

Add brown sugar or sour salt to taste.
Or, leave as is.



OUR CHEFS FOR MYCOPHAGY 2006

February 12, 2006, 2:00 pm

at the Unitarian Society, Tices Lane, East Brunswick, NJ

MICHAEL PETERS

No need to explain what makes Michael Peters' cuisine extraordinarily good – If you are interested, he'll tell you himself. It's a genuine passion, research, discipline, and a desire to share.

Michael, a Morris County native, completed pre-med studies and earned a degree in psychology from New York University in 1974 and then took a "year off" to study cooking at Le Cordon Bleu in Paris. Instead of going on to medical school, he continued his culinary studies at *l'Ecole Hoteliere de Paris* and apprenticed at the famous fish restaurant *Prunier-Traktir.* He went on to spend an additional year at Arbutus Lodge Hotel, Cork, Ireland, a Michelin-starred restaurant. For Michael that initial "year off" would lead to a lifetime profession.

Upon returning home in 1977, he found that learning classic French technique provided the building blocks needed to gain rapid entry into La Caravelle, a New York Times four-star restaurant, where he worked as *Chef de Partie.*

In Hoboken three years later, he became the chef/owner of The Brass Rail, an acclaimed French restaurant and bar. The successful Brass Rail received recognition in the New Jersey Monthly Reader's Choice Awards and also gained a Zagat's Survey Award of Distinction.

In 1988, Michael continued his culinary growth by moving to the coastal town of Kinsale, Ireland. There, with his wife Marybeth, he opened Skipper's, another acclaimed French restaurant. His belief in focusing on flavor and fresh ingredients led him to Ireland, where he knew that the food grown in a comparatively uncontaminated environment is a priceless part of the heritage. Until this day, Michael is a tireless champion of the quality of Irish food.

In 1992, Michael and Marybeth opened Pierre's bistro restaurant in Morristown, NJ, and in 1993 moved to a charming 18th century farmhouse in Harding, NJ.

Pierre's daily menu brings together fresh local ingredients that reflect the most vibrant foods of the season. Its award-winning buffet lunch has been called "the biggest screaming bargain this side of Paris." Recipient of numerous awards and recognitions from *New Jersey Monthly*, *The Wine Spectator*, and *Zagat's Survey*, Pierre's continuous success can be attributed to the unique partnership between Michael and Marybeth Peters, who manages the front of the house, always guiding the delivery of attentive service.

Michael takes pride in choosing every bottle on the wine list. His mission is to provide diners with wines of distinction at moderate prices and to introduce them to new ways to enjoy wine. He achieves this by hosting Pierre's monthly Chef's Table Dinners and Wine Tasting Workshops. Pierre's also has a wine bar with many wines by the glass plus servings of lighter fare.

Over the years, Michael has garnered a reputation for establishing an excellent rapport with his chefs, and he is viewed as a mentor by many who have worked in his kitchen. A natural teacher, he has shared his interest in food by teaching at King's Cooking Studio and is also involved with several local charities including Homeless Solutions, Inc., The ARC of Hunterdon County, Taste of Morristown, and Taste of the Nation.

Pierre's Restaurant and Wine Bar
995 Mount Kemble Avenue (Route 206)
Morristown, NJ 973-425-1212
Lunch: Tuesday-Sunday 11:30am-2:00pm
Dinner: Tuesday-Thursday 5:30-9:00pm, Friday-Saturday 5:30-10:00pm, Sunday 5:00-8:00pm.
Closed Mondays.

DIRCK NOEL

Dirck Noel is currently the chef/owner of the Winner's Circle BBQ in Blairstown, NJ. He's a 1981 graduate of Johnson & Wales University, College of Culinary Arts, in Providence, Rhode Island.

Dirck has served as chef at a broad spectrum of restaurants in the Garden State. Most notably, in the early 80's, he was at Dennis Foy's Tarragon Tree in Chatham, and then at The Inn at Bedminster later in that decade. Dirck's creative talents were realized throughout the 90's at the renowned Inn at Millrace Pond in Hope, New Jersey. Dirck was Chef, then General Manager, for the seventeen-room bed and breakfast from 1991 until 1996. Dirck's last project, before creating his current BBQ, was a six-year stint at the Long Valley Pub and Brewery, where he penned menus and oversaw two separate food operations for Long Valley Inn, Inc.

Dirck departed the Brew Pub in 2002 to form Phoenix Hospitality of North Jersey – the owner of Winner's Circle BBQ and consultants on other restaurant projects.

Most recently, at the urging of NJMA President Jim Barg, Dirck began experimenting with the cold-smoking of indigenous mushrooms from northern New Jersey. He has cold-smoked chanterelles, various *Lactarius* species, and a few boletes. Perhaps he'll have a few examples at this year's Mycophagy meeting!

Dirck resides in Blairstown with his wife Laura and their daughter Selena. He enjoys good food, beautiful automobiles, trout fishing, and the great outdoors.

Winner's Circle BBQ
124A Route 94 (Route 94 Commercial Center)
Blairstown, NJ 07825
908-362-1227 or 908-362-1267
Open Weekdays 11:00am-9:00pm, Saturdays and Sundays 11:00am-9:00pm. Closed Tuesdays.

SAN JOSÉ-BOUND? STOP FOR MUSHROOM CUISINE

by Marc Grobman

If you happen to head out to San Jose, or even San Francisco (which is less than an hour away), you might enjoy heading to nearby Morgan Hill for lunch or dinner.

For it's there you'll find Mushrooms Grille & Bar, a very California-style eatery, serving salads, steaks, seafood, wines and microbrews, with a fair number of dishes using fungi kingdom contributions.

Those offerings include: Cream of Wild Mushroom Soup; appetizers of Mardi Gras Mushrooms deep-fried with Ranch Dressing or sauteed in garlic butter sauce; Stuffed Mushroom Caps with crab or broiled with pesto filling; Spinach Salad with hot bacon dressing, onions, tomatoes, egg, mushrooms and walnuts; Philly Chicken Steak or Mushroom Cheese Steak with onions, peppers and mushrooms on a French roll with provolone; Shroomski Burger with sautéed mushrooms, sour cream and red onion; Char-Broiled Steaks with optional portabella sauce topping; Hunters' chicken, sautéed with mushrooms, tomatoes and sun-dried tomatoes in a brandy-laced demi-glace.

Also, Spinach and Cheese Ravioli with mushrooms, artichokes and fresh spinach tossed in a nutmeg-scented cream sauce; Chicken Cordon Bleu Fettuccine with Black Forest Ham, mushrooms and swiss tossed with fresh spinach in a Dijon cream; Steak Tips and Rigatoni with button mushrooms and sweet onions in a Marsala red sauce; and *Scampi Pomodoro* with shrimp, tomatoes, mushrooms, and toasted garlic in a sherry butter sauce.

The soup tasted very good, and did indeed have several kinds of mushrooms in it. However, the chef was not there at the time, so I was unable to find out what mushrooms were used. We also had a nice only-in-California appetizer of grilled artichokes in vinaigrette sauce.

Soups ranged from $2.79 per cup to $4.69 per crock; hamburgers $7-8; pastas $12-15; steaks $12-14. The wine selection includes over twenty sold by the glass or bottle. About a dozen different beers, as well as several desserts made with rum, Kahlua, schnappes, cream sherry, Tia Maria, and other after-dinner brews are also on the menu. Mushrooms Grille & Bar is located at 65 W. Main Ave., Morgan Hill, California. (408-778-2557) Dress is casual. The restaurant is closed on Mondays.

FORAY NEWFOUNDLAND & LABRADOR 2005

submitted by Andrus Voitk

This year's Foray was a double event, with one session in spectacular Gros Morne National Park September 2-5 and a second session in the stunning Labrador Straits on September 6-9. As in past years, the Foray was sponsored by The Humber Natural History Society, aided by its several kind partners: The Department of Environment & Conservation, The Hon Tom Osborne, Minister, Gros Morne National Park, Gros Morne Cooperating Association, the Western Newfoundland Model Forest, Sir Wilfred Grenfell College of Memorial University, Seaview Restaurant & Cabins in Forteau, and Altius Minerals Corporation.

Mushroom enthusiasts from the USA, Canada, Holland, Newfoundland, and Labrador foraged the autumn woods for mushrooms. The weather couldn't have been better, and the mushrooms were out in full force. The experts were kept busy: 208 species were identified in Gros Morne and 144 in Labrador, with an overlap of 48 for a total of 304, bringing our three-year cumulative species count to 451.

This year's big game encounter was a bull moose, who returned to camp each evening to pose for close range photos and videos. Evening activities consisted of a reception by the Department of Environment and Conservation and a mushroom cook-up. Other than that, the evenings were filled with an interesting program by our experts, locals, and visitors.

Complete reports of FORAY NEWFOUNDLAND & LABRADOR 2003-2005 can be viewed or downloaded from the Humber Natural History Society's web page: ***http://www.hnhs.ca/mushrooms***. Meanwhile, plans for 2006 are already underway for our foray on the Avalon Peninsula September 15-17, 2006. A Preliminary Report of Avalon mycoflora and Advance Notice are also on the web site; updates will be added when the date nears. The combination of enthusiastic foragers, Newfoundland hospitality, a stellar group of experts and a new and exciting location with some unusual mycoflora should produce an exciting foray and several more new species!

(Editor's note: Rod Tulloss informed me that he has attended this foray for several years and that it a worthy addition to your foray plans for the coming years. – JWR)

"A meal without mushrooms is like a day without pomegranates or kumquats or artichokes or guava or passion fruit or kohlrabi."

– Mme. S Coiffier

COMPOSITE CHECKLIST FOR NJMA FORAYS

Compiled by Glenn and Ania Boyd

This checklist represents the cumulative findings of NJMA from 1981 – 2005. In recent years, we saved space by only posting findings from the current year. This year, we decided to include the whole shebang, as a useful resource for our members. We hope identifiers who find unusual mushrooms will check against this list to see if we have a specimen in the herbarium. Newer members can look for common fungi they should bone up on (hint: there are 25 species that have been found on at least 100 forays).

For 2005, identified species are broken down by location, according to the following key:

2005 Foray Locations

F1	Princeton Water Works	5/1/2005	F10	Hoffman Park	9/3/2005
F2	Round Mountain	6/12/2005	F11	Cheesequake State Park	9/11/2005
F3	PEEC	6/25/2005	F12	Stokes State Forest	9/18/2005
F4	Manasquan Reservoir	7/10/2005	F13	Fungus Fest	9/25/2005
F5	Meadow Woods	7/17/2005	F14	Rancocas Nature Center	10/2/2005
F6	Schiff Nature Preserve	7/31/2005	F15	Belleplain State Forest	10/9/2005
F7	Westcott Nature Preserve	8/6/2005	F16	Washington's Crossing	10/16/2005
F8	Ken Lockwood Gorge	8/7/2005	F17	Brendan Byrne State Forest	11/5/2005
F9	Stephens State Park	8/28/2005	F18	Rutgers Creek	2005

Totals for prior years ("81-04") indicate the number of forays at which each species was found. The "Hrb" column shows the number of specimens in the NJMA herbarium, and the "Sld" column indicates an entry in our slide library (in our experience, the "Sld" records are usually accurate, but not foolproof).

As usual, classification mostly follows Ainsworth & Bisby's DICTIONARY OF THE FUNGI (1995), and species within each of the four subdivisions are arranged alphabetically by genera. The dry summer produced fewer mushroom identifications than usual, with only 338 recorded. The previous five years brought in 440-530 mushroom IDs each year, and this year's list is a hair shorter than the 358 found in 1999 (a *really* dry year). A few more species may trickle in when Dr. Jim Trappe sends his determinations for Rhizopogons from Rancocas and Brendan Byrne, and still more if we find some misplaced ID slips from Rancocas. Despite the dry weather, we managed to add 15 new species to the cumulative list. Nor should we forget that when it comes to species lists, quality is far more important than quantity!

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
Basidiomycota																						
Agaricus	abruptibulbus Pk.	1	Y	26																		
	arvensis Schff.:Secr.	3	Y	21																		
	augustus Fr.	1	Y	1																		
	bitorquis (Quel.)Sacc.	1	Y	6																		
	campestris Fr.	2	Y	40												X	X					
	cretacellus Atk.	0		1																		
	diminutivus Pk.	2		4																		
	haemorrhoidarius Schulz.in Kalchb.	1	Y	3									X									
	macrosporus	0		1																		
	meleagris JulSchff.	0		1																		
	pattersonae Pk.	0		1																		
	placomyces Pk.	4	Y	20																		
	pocillator Murr.	1	Y	31																		
	silvaticus Schff.:Vitt.	3	Y	22																	X	
	silvicola (Vitt.)Pk.	1	Y	6																		
	solidipes Pk.	1		3																		
	sp.	1	Y	11																		
	subrufescens Pk.	1	Y	7																		
Chlorophyllum	molybdites (Meyer:Fr.)Mass.	3	Y	9																		
Cystoderma	amianthinum v rugosoreticulatum (Lor.)Sm.& Sing.	0		11																		
	fallax Sm.& Sing.	0	Y	1																		
	granulosum (Batsch:Fr.)Fayod	0	Y	1																		
	sp.	1		1																		
Cystolepiota	sistrata Fr.ss Huijsman	0		6																		
Lepiota	acerina Pk.	1		1																		
	acutesquamosa (Weinm.)Kum.	2	Y	13																		
	americana Pk.	3	Y	12		X																
	atrodisca Zeller	5	Y	7																		
	brunnescens Pk.	4		7																		
	castanea Quel.	1		2																		
	cepaestipes (Sow.:Fr.)Kum.	2	Y	6																		
	clypeolaria (Bull.:Fr.)Kum.	0	Y	2																		
	cristata (Fr.)Kum.	3	Y	15																		
	cystidiosa Sm.	2		1																		
	flavescens Morg.	1		1																		
	gracilenta (Krombh.)Wasser	0	Y	7										X								
	naucina (Fr.)Kum.	3	Y	25																		
	petasiformis Murr.	1	Y	1																		
	phaeosticta Morg.	1		3																		
	procera (Scop.:Fr.)Gray	6	Y	33													X					X
	pulcherrima Graf ss Kauff.	1		2																		
	rhacodes (Vitt.)Quel.	2	Y	11																		
	rhacodes v hortensis Pilat	1	Y	1																		
	rubrotincta Pk.	4	Y	15																		
	sp.	4	Y	6																		
Melanophyllum	echinatum (Fr.)Sing.	3	Y	5																		
Amanita	abrupta Pk.	0	Y	8																		
	aestivalis Sing.:Sing.	0		1																		
	albocreata (Atk.)Gilb.	1	Y	2																		
	atkinsoniana Coker	0	Y	4																		
	bisporigera Atk.	1	Y	38																		
	brunnescens v brunnescens Atk.	6	Y	70					X													X
	brunnescens v pallida Krieger	0	Y	26																		
	ceciliae (Berk.& Br.)Bas	3	Y	56				X				X										
	chlorinosma (Pk.)Lloyd	3	Y	3																		
	cinereoconia Atk.	1	Y	1																		
	citrina f lavendula (Coker)Vesely	0	Y	6																	X	
	citrina v citrina (Schff.)Pers.	9	Y	117								X								X		
	cokeri (Gilb.& Kuehn.)Gilb.	4	Y	18					X													
	crenulata Pk.	0	Y	51																X	X	
	cylindrispora Beards.	0	Y	2																		
	daucipes (Mont.)Lloyd	1	Y	20											X							
	dulciarii Tulloss	1		3																		
	excelsa (Fr.)Bertil.	0	Y	3																		
	farinosa Schw.	1	Y	5																		
	flavoconia Atk.	11	Y	116				X	X													
	flavorubescens Atk.	7	Y	64																		
	frostiana (Pk.)Sacc.	1	Y	3																		
	fulva (Schff.)Seyot	6	Y	110					X											X		
	gemmata (Fr.)Bertil.	5		25																		
	jacksonii Pomerl.	1	Y	2																		
	longipes Bas:Tulloss & Jenkins	0	Y	10																		
	magnivelaris	0	Y	1																		
	morrisii	0		3																		
	muscaria v alba Pk.	1		1																		
	muscaria v formosa Pers.:Fr.	6	Y	78																	X	

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
	mutabilis Beards.	0	Y	1																		
	onusta (Howe)Sacc.	2	Y	47					X													
	pantherina v multisquamosa (Pk.)Jenkins	0	Y	3																		
	pantherina v pantherina (DC.:Fr.)Krombh.	1	Y	1																		
	pantherina v velatipes (Atk.)Jenkins	0	Y	6																		
	parcivolvata (Pk.)Gilb.	1	Y	1																		
	peckiana Kauff.	0	Y	1																		
	phalloides (Fr.)Link	9	Y	10															X			
	polypyramis (Berk.& Curt.)Sacc.	0	Y	1																		
	porphyria (Alb.& Schw.:Fr.)Secr.	0	Y	3																		
	pseudovolvata (nom.prov.) Tulloss	0		8							X											
	ravenelii (Berk.& Curt.)Sacc.	1	Y	10																		
	rhopalopus Bas	1	Y	12									X									
	rubescens v rubescens Pers.:Fr.	9	Y	116				X	X													X
	russuloides Pk.	0		1																		
	sinicoflava Tulloss	1	Y	20																		
	sp.	3		14																		
	sp. 5 Tulloss	0		1																		
	sp. 16 Tulloss	0		3																		
	sp. 18 Tulloss	0		1																		
	sp. 28 Tulloss	0		1																		
	sp. 32 Tulloss	1	Y	5																		
	sp. 42 Tulloss	0		1																		
	sp. 9 Tulloss	0		2																		
	sp. N11 Tulloss	0		1																		
	sp. V3 Tulloss	0		3																		
	spreta (Pk.)Sacc.	1	Y	1																		
	subsolitaria (Murr.)Murr.	0	Y	4																		
	vaginata v alba Gill.	0		3																		
	vaginata v vaginata (Bull.:Fr.)Vitt.	11	Y	79																		
	verna (Bull.:Fr.)Roques	0		1																		
	virginiana (Murr.)Murr.	0	Y	1																		
	virosa (Fr.)Bertil.	8	Y	78											X							
	volvata v volvata (Pk.)Lloyd	6	Y	47																		X
	wellsii (Murr.)Sacc.	0	Y	0																		
Amanitopsis	volvata v elongata Pk.	2		3																		
Limacella	illinita (Fr.)Murr.	1		1																		
Agrocybe	acericola (Pk.)Sing.	3	Y	8																		
	arvalis (Fr.)Sing.	3	Y	4																		
	erebia (Fr.)Kuehn.	2	Y	6																		
	firma (Pk.)Sing.	0		1																		
	molesta (Lasch)Sing.	1	Y	5																		
	pediades (Pers.:Fr.)Fayod	6	Y	18																		
	praecox (Pers.:Fr.)Fayod	10	Y	19																		
	sororia (Pk.)Sing.	3	Y	8																		
Bolbitius	vitellinus (Pers.:Fr.)Fr.	3	Y	4																		
Conocybe	brunnea (Lange & Kuehn.)Watl.	1		1																		
	digitalina (Vel.)Sing.	1		1																		
	lactea (Lange)Met.	1	Y	23																		
	pseudopilosella Kuehn.	1		2																		
	rugosa (Pk.)Watl.	0		1																		
	semiglobata (Kuehn.)Kuehn.& Watl.	1		1																		
	siliginea (Fr.:Fr.)Kuehn.	1		1																		
	sp.	0	Y	1																		
	subpubescens Orton	1		1																		
Pholiotina	aeruginosa (Romagn.)Moser	1		1																		
Coprinus	atramentarius (Bull.:Fr.)Fr.	0	Y	17																		
	comatus (Muell.:Fr.)Gray	0	Y	28																		
	disseminatus (Pers.:Fr.)Gray	1	Y	5																		
	lagopus (Fr.)Fr.	1	Y	2																		
	micaceus (Bull.:Fr.)Fr.	2	Y	49	X																	
	plicatilis (Curt.:Fr.)Fr.	3	Y	12																		
	quadrifidus Pk.	1	Y	1																		
	sp.	0	Y	14																		
Leucocoprinus	birnbaumii	0		0															X			
Panaeolina	foenisecii (Pers.:Fr.)Maire	4	Y	19																		X
Psathyrella	annulata Sm.	3	Y	2																		
	candolleana (Fr.)Maire	6	Y	31																		
	conissans (Pk.)Sm.	3		4																		
	conopilea (Fr.)Pears.& Dennis	2		2																		
	deceptiva Sm.	1		1																		
	delineata (Pk.)Sm.	4	Y	47																X		
	hydrophila (Bull.:Mer.)Maire	7	Y	26																		
	hymenocephala (Pk.)Sm.	0		2																		

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
	kauffmanii Sm.	2		2																		
	multipedata (Pk.)Sm.	1		1																		
	rugocephala (Atk.)Sm.	0	Y	22																		
	septentrionalis Sm.	2		2																		
	solheimii McKnight & Sm.	2		3																		
	sp.	5		33																		
	sublateritia Sm.	1		1																		
	subterrestris Sm.	1		1																		
	velutina (Pers.:Fr.)Sing.	5	Y	35																		
Alboleptonia	sericella (Fr.)Larg.& Bened.	0		1																		
Clitopilus	prunulus (Scop.:Fr.)Kum.	1	Y	12																		
Eccilia	unicolor Pk.	1	Y	1																		
	mordax G.F. Atk.	0		0																		X
Entoloma	abortivum (Berk.& Curt.)Donk	9	Y	79													X			X		
	alboumbonatum Hes.	1		1																		
	bicolor Murr.	0		1																		
	clypeatum (L.:Fr.)Kum.	0		1																		
	cyaneum (Pk.)Sacc.	2		2																		
	grande Pk.	0		1																		
	griseum (Pk.)Hes.	2		4																		
	luteum Pk.	0	Y	3																		
	mammosum (Fr.)Hes.	1		1																		
	murinum Peck	0		0																		
	murraii (Berk.& Curt.)Sacc.	1	Y	10					X													
	porphyrophaeum (Fr.)Karst.	0	Y	1																		
	quadratum (Berk.& Curt.)Horak	2	Y	11												X						
	rhodopolium (Fr.:Fr.)Kum.	0		4																		
	sinuatum (Bull.:Fr.)Kum.	1		3																		
	sp.	0	Y	52																		
	strictipes	0		1																		
	strictius (Pk.)Sacc.	5	Y	41				X							X							
Leptonia	griseocyanea (Fr.:Fr.)Orton	0		1																		
	jubata (Fr.)Larg.	2		5																		
	nigroviolacea Orton	1	Y	2																		
	parva Pk.	0		1																		
	serrulata v serrulata (Fr.)Kum.	1		7																		
	sp.	0	Y	8																		
Nolanea	hirtipes (Schum.:Fr.)Kum.	1		1																		
	juncina (Kuehn.& Romagn.)Orton	1		1																		
	papillata Bres.	0	Y	4																		
	sp.	1		1																		
	verna (Lund.)Kotl.& Pouz.	3	Y	4																		
Pouzarella	nodospora (Atk.)Mazzer	1	Y	2																		
Rhodocybe	caelata (Fr.)Maire	0		0							X											
Hygrophorus	acuticonicus (Clem.)Sm.	1		1																		
	appalachianensis Hes.& Sm.	0	Y	1																		
	auratocephalus (Ellis)Murr.	0		2																		
	berkeleyi Orton	1		1																		
	borealis Pk.	2	Y	34																		
	caespitosus (Murr.)Murr.	1		2																		
	canescens Sm.& Hes.	0		1																		
	cantharellus (Schw.)Fr.	2	Y	30						X												
	ceraceus (Fr.)Fr.	1		2																		
	chlorophanus (Fr.)Fr.	1		16																		
	chrysodon (Fr.)Fr.	0		7																		
	coccineus (Fr.)Fr.	0	Y	17																		
	colemannianus Blox.in Berk.	0		1																		
	conicus v conicus (Fr.)Fr.	1	Y	37					X												X	
	cuspidatus	0		1																		
	eburneus (Fr.)Fr.	2	Y	8																		
	flavescens (Kauff.)Sm.& Hes.	2	Y	43																		
	fuligineus Frost in Pk.	0	Y	1																		
	hypothejus	0		1																		
	laetus (Fr.)Fr.	2	Y	25																		
	marginatus v concolor Sing.	0	Y	10																		
	marginatus v marginatus Pk.	4	Y	54					X	X												
	marginatus v olivaceus Sm.& Hes.	0		2																		
	miniatus (Fr.)Fr.	3	Y	42																		
	minutulus Pk.	0	Y	7																		
	nitidus Berk.& Curt.	0	Y	9																		
	niveus Fr.	2		8																		
	ovinus (Fr.)Fr.	0	Y	2																		
	parvulus Pk.	1		2																		
	penarius Fr.	0		1																		
	piceae Kuehn.& Romagn.	1		1																		
	pratensis (Fr.)Fr.	1	Y	33																		
	psittacinus v psittacinus (Fr.)Fr.	6	Y	22																		
	pudorinus v pudorinus (Fr.)Fr.	0	Y	1																		
	puniceus (Fr.)Fr.	2	Y	6																		
	purpureofolius Big.	0		1																		

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
	quietus Kuehn.	0		3																		
	russula (Fr.)Quel.	1	Y	9																		
	sordidus Pk.	0	Y	11																		
	sp.	0	Y	15																		
	squamulosus Ellis & Ev.	0		1																		
	subovinus Hes.& Sm.	1		1																		
	unguinosus v unguinosus (Fr.)Fr.	2		9																		
	virgineus (Fr.)Fr.	1		2																		
	sp	0		1																		
Pluteus	admirabilis (Pk.)Pk.	3	Y	16			X															
	atromarginatus (Konr.)Kuehn.	1		4																		
	cervinus (Schff.:Fr.)Kum.	9	Y	158	X				X			X				X			X	X		X
	chrysophaeus (Schff.:Fr.)Quel.	3		4																		
	flavofuligineus Atk.	1	Y	11			X															
	granularis Pk.	2	Y	3																		
	leoninus (Schff.:Fr.)Kum.	1		4																		
	longistriatus Pk.	2	Y	19																		
	lutescens (Fr.)Bres.	3		3																		
	pellitus (Pers.:Fr.)Kum.	2	Y	12																		
	petasatus (Fr.)Gill.	2	Y	22	X		X									X						
	salicinus (Pers.:Fr.)Kum.	3		4																		
	sp.	1		2																		
	tomentosulus Pk.	1		1																		
Volvariella	bombycina (Schff.:Fr.)Sing.	0	Y	3																		
	hypopithys (Fr.:Karst.)Moser	0	Y	1																		
Hypholoma	capnoides (Fr.)Kum.	2	Y	4																		
	fasciculare (Huds.:Fr.)Kum.	5	Y	47																	X	X
	sublateritium (Fr.)Quel.	8	Y	46												X				X		X
	udum (Pers.:Fr.)Kuehn.	2		6																		
Panaeolus	campanulatus (Bull.:Fr.)Quel.	2	Y	1																		
	semiovatus	0	Y	1																		
	sp	0		1																		
Pholiota	albocrenulata (Pk.)Sacc.	1	Y	2																		
	alnicola (Fr.)Sing.	0	Y	1																		
	aurivella (Fr.)Kum.	2	Y	46																		
	castanea Sm.& Hes.	1		1																		
	curvipes (Fr.)Quel.	1	Y	3																		X
	destruens (Brondeau) CC Gillet	0	Y	1																		
	flavida (Fr.)Sing.	2		4																		
	granulosa (Pk.)Sm.& Hes.	5		7																		
	lenta (Fr.)Sing.	0	Y	2																		X
	limonella (Pk.)Sacc.	0	Y	2																		
	malicola v macropoda Sm.& Hes.	1		1																		
	malicola v malicola (Kauff.)Sm.	1		5																		
	marginella Pk.	4	Y	5																		
	proximans Sm.& Hes.	1		2																		
	sp.	1	Y	14																		
	spumosa (Fr.)Sing.	1	Y	1																		
	squarrosa (Muell.:Fr.)Kum.	1	Y	9																		
	squarroso-adiposa Lange	1	Y	3																		
	squarrosoides (Pk.)Sacc.	1	Y	36																		
	subsulphurea Sm.& Hes.	2		4																		X
	terrestris Overholts	0		1																		
	veris Sm.& Hes.	1	Y	1																		
Psilocybe	coprophila (Bull.:Fr.)Kum.	0	Y	1																		
	montana (Pers.:Fr.)Kum.	0		1																		
Stropharia	coronilla (Bull.:Fr.)Quel.	2	Y	1																		
	hardii Atk.	3	Y	11																		
	hornemannii (Fr.:Fr.)Lund.& Nannf.	0	Y	5																		
	kauffmanii Sm.	1		1																		
	rugosoannulata Farlow:Murr.	5	Y	40																		
	sp.	0	Y	2																		
	squamosa (Pers.:Fr.)Quel.	2		4																		
	thrausta (Schulz.)Sacc.	1	Y	4																		
Armillaria	calvescens Berube & Dess.	2	Y	6																		
	gallica Marx.& Romagn.	3	Y	46													X					
	gemina	0	Y	1																		
	mellea (Vahl:Fr.)Kum.	14	Y	93													X				X	X
	ostoyae (Romagn.)Herink	3	Y	20																		
	sinapina Berube & Dess.	1	Y	8																		
	tabescens (Scop.:Fr.)Emel	3	Y	50												X	X					
Asterophora	lycoperdoides Ditmar:Gray	0	Y	2																		
	parasitica (Bull.:Fr.)Sing.	1	Y	1																		
Baeospora	myosura (Fr.)Sing.	2	Y	5																		
Callistosporium	luteo-olivaceum (Berk.& Curt.)Sing.	1		2																		
	purpureomarginatum Fatto & Bess.	6	Y	12																		
Calocybe	gambosa (Fr.)Sing.:Donk	1		1																		

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
	ionides (Bull.:Fr.)Donk	2	Y	2																		
Cantharellula	umbonata (Gmel.:Fr.)Sing.	2	Y	22												X						
Cheimonophyllum	candidissimum (Berk.& Curt.)Sing.	0		3																		
Chromosera	cyanophylla (Fr.)Redh. Ammir. &Nor.	2		4																		
Clitocybe	aeruginosa Big.	0		2																		
	americana Big.	3		5																		
	candicans (Fr.)Kum.	4	Y	15																		
	candida Bres.	1		7																		
	clavipes (Pers.:Fr.)Kum.	11	Y	71																X		
	cyathiformis (Fr.)Kum.	2	Y	2																		
	dealbata v sudorifica Pk.	3	Y	3																		
	epichysium (Fr.)Big.	0	Y	1																		
	fasciculata Big.& Sm.	0		3																		
	fellea Pk.	0		2																		
	geotropa (St.Am.)Quel.	0		1																		
	gibba (Fr.)Kum.	4	Y	36																		
	gigantea (Fr.)Quel.	1	Y	9																		
	glaucoalba Sing.	1	Y	2																		
	harperi Murr.	2		2																		
	highlandensis Hes.& Sm.	0		1																		
	intermedia Kauff.	2		2																		
	irina (Fr.)Big.& Sm.	0		13																		
	leptoloma (Pk.)Pk.	0		1																		
	nuda (Fr.)Big.& Sm.	6	Y	62																X	X	
	odora (Fr.)Kum.	6	Y	49																		
	phaeophthalma (Pers.)Kuyper	4		3																		
	phyllophila (Fr.)Kum.	3		15																		
	pseudomarginella Big.	1		1																		
	regularis Pk.	6		8																		
	robusta Pk.	0	Y	4									X									
	sp.	0	Y	9																		
	squamulosa (Fr.)Kum.	1	Y	11																		
	subconnexa Murr.	1		15																		
	tarda Pk.	1	Y	2																		
Clitocybula	ocula (Pk.)Sing.	1		1																		
Collybia	cookei (Bres.) JD Arnold	1	Y	1																		
	tuberosa (Bull.:Fr.)Kum.	1	Y	3																		
Crinipellis	stipitaria (Fr.)Pat.	1	Y	1																		
	zonata (Pk.)Pat.	2		6																		
Cyptotrama	aspratum (Berk.)Redh.& Ginns	2	Y	31			X															
Flammulina	velutipes (Fr.)Karst.	0	Y	14																X		
Gerronema	strombodes (Berk.& Mont.)Sing.	2	Y	14				X														
Gymnopus	acervatus (Fr.)Murr.	1	Y	2																		
	agricola Murr.	2		1																		
	alkalivirens (Sing.)Hall.	4	Y	10																		
	biformis (Pk.)Hall.	4		19																		
	brassicolens (Romagn.)Ant.&Noor.	1		1																		
	confluens (Pers.:Fr.)Ant.Hall.&Noor.	4	Y	2																		
	dichrous (Berk.& Curt.)Hall.	7	Y	19																		
	dryophilus (Bull.:Fr.)Murr.	10	Y	69																		X
	dysodes (Hall.)Hall.	0		1																		
	earleae Murr.	1		1																		
	erythropus (Pers.:Fr.)Ant.Hall.&Noor.	1		1																		
	iocephalus (Berk.& Curt.)Hall.	4	Y	4																		
	luxurians (Pk.)Murr.	5		7																		
	polyphylla (Pk.)Hall.	2		1																		
	putillus (Fr.)Ant.Hall.&Noor.	1	Y	1																		
	spongiosus (Berk.& Curt.)Hall.	3	Y	9																		X
	subnudus (Ellis:Pk.)Hall.	5	Y	28				X														
	subsulphureus (Pk.)Murr.	4	Y	6																		
Hohenbuehelia	angustata (Berk.)Sing.	3		8																		
	geogenia (DC.:Fr.)Sing.	2		3																		
	mastrucata (Fr.:Fr.)Sing.	0		1																		
	petaloides (Bull.:Fr.)Schulz.	3		7																		
	sp.	1		1																		
Hypsizygus	sp.	1		1																		
	tessulatus (Bull.:Fr.)Sing.	3		13																		
	ulmarius (Bull.:Fr.)Redh.	0		1																		
Laccaria	amethystina Cke.	4	Y	63																X		
	bicolor (Maire)Orton	5		20																		
	laccata (Scop.:Fr.)Cke.	13	Y	74											X					X		
	laccata v pallidifolia (Pk.)Pk.	4		55																		X
	longipes G.M.Muell.	2		3																		
	nobilis Sm.in Muell.	0		2													X					
	ochropurpurea (Berk.)Pk.	3	Y	50																		
	ohiensis (Mont.)Sing.	3		8																		
	proxima (Boud.)Pat.	3	Y	18																		

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
	pumila Fayod	1		3																		
	striatula (Pk.)Pk.	0		7																		
	tortilis (Bolt.)Cke.	0	Y	2																		
	trichodermophora G.M.Muell.	1		1																		
	trullisata (Ellis)Pk.	1	Y	7																		
	sp	0		2																		
Lentinula	edodes (Berk.)Pegler	1	Y	2																		
Leucopaxillus	albissimus (Pk.)Sing.	0	Y	7																		
	candidus (Bres.)Sing.	0		2																		
	laterarius (Pk.)Sing.& Sm.	0		1																		
Leucopholiota	decorosa (Pk.)Miller,Volk,Bess.	0	Y	1																		X
Lyophyllum	connatum (Schum.:Fr.)Sing.	2	Y	2																		
	decastes (Fr.)Sing.	3	Y	18																		
	loricatum (Fr.)Kuehn.	0		1																		
	multiforme (Pk.)Big.	2		6																		
	palustre (Pk.)Sing.	0	Y	2																		
	sp.	2		2																		
Marasmiellus	candidus (Fr.)Sing.	4	Y	10																		
	nigripes (Schw.)Sing.	2	Y	21					X													
	opacus (Berk.& Curt.)Sing.	1	Y	3																		
	papillatus (Pk.)Redh.& Halling	0		1																		
	praeacutus (Ellis)Halling	0	Y	3																		
	ramealis (Bull.:Fr.)Sing.	6	Y	14			X															
	vaillantii (Pers.:Fr.)Sing.	1		1																		
Marasmius	androsaceus (Fr.)Fr.	0		4																		
	capillaris Morg.	1		6									X									
	cohaerens (Fr.)Cke.& Quel.	2	Y	5																		
	cohaerens v lachnophyllus (Berk.in Lea)Gilliam	1		1																		
	copelandii Pk.v olidus (Gilliam)Desj.	1	Y	2																		
	cystidiosus (Sm.)Gilliam	1		2																		
	delectans Morg.	4	Y	5																		
	epiphyllus (Pers.:Fr.)Fr.	5	Y	7																		
	fulvoferrugineus Gilliam	1		2																		
	nigrodiscus (Pk.)Halling	1	Y	31																		
	oreades (Bolt.:Fr.)Fr.	6	Y	25																		
	pulcherripes Pk.	3	Y	8																		
	pyrrhocephalus Berk.	3	Y	14																		X
	rotula (Scop.:Fr.)Fr.	3	Y	39																		X
	scorodonius (Fr.)Fr.	3	Y	15																		
	siccus (Schw.)Fr.	3	Y	22																		
	sp.	0	Y	9																		
	straminipes Pk.	0	Y	1																		
	strictipes (Pk.)Sing.	4	Y	32																		
	sullivantii Mont.	6	Y	16																		
Megacollybia	platyphylla (Pers.:Fr.)Kotl.& Pouz.	9	Y	136	X		X	X	X	X			X									X
Melanoleuca	alboflavida (Pk.)Murr.	4	Y	34																		
	brevipes (Bull.:Fr.)Pat.	1	Y	1																		
	melaleuca (Pers.:Fr.)Murr.	0	Y	3																		
	sp	0		1																		
Micromphale	foetidum (Sow.:Fr.)Sing.	1	Y	11																		
	perforans (Hoffm.:Fr.)Sing.	0	Y	2																		
Mycena	acicula (Schff.:Fr.)Kum.	4	Y	5																		
	alcalina (Fr.)Kum.	1		3																		
	alcaliniformis Murr.	2		1																		
	algeriensis Maire in Kuehn.	2	Y	1																		
	atroalboides (Pk.)Sacc.	1		1																		
	atrocyanea (Fr.)Gill.	1		1																		
	clavicularis (Fr.)Gill.	1		1																		
	corticaticeps Kauff.& Sm.	1		1																		
	corticola (Pers.:Fr.)Gray	1	Y	3																X		
	epipterygia (Fr.)Gray	3	Y	3																		
	epipterygia v splendidipes (Pk.)M.Gees.	1		1																		
	floccipes (Fr.)Kuehn.	2		2																		
	galericulata (Scop.:Fr.)Gray	12	Y	51																		
	griseoviridis Sm.	1		1																		
	haematopus (Pers.:Fr.)Kum.	4	Y	72														X	X	X		X
	haematopus v marginata Lange	1		1																		
	hemisphaerica Pk.	5		6																		
	inclinata (Fr.)Quel.	6	Y	87												X	X					X
	iodiolens Lund.	2	Y	5																		
	leaiana (Berk.)Sacc.	2	Y	10													X					
	luteopallens (Pk.)Sacc.	3	Y	31																X		X
	macrocystidiata Sing.	1		1																		
	maculata Karst.	2		2																		
	mirata (Pk.)Sacc.	2		2																		
	niveipes Murr.	0		1																		
	ochraceicinerea Murr.	1		1																		

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
	pelianthina (Fr.)Quel.	1		2																		
	polygramma (Fr.)Gray	0		3																		
	pseudoinclinata Sm.	10	Y	8																		
	pura (Pers.:Fr.)Kum.	9	Y	51																		X
	purpureofusca (Pk.)Sacc.	1		1																		
	radicatella (Pk.)Sacc.	2		4																		
	roseipallens Murr.	1		2																		
	roseocandida (Pk.)Sacc.	2	Y	3																		
	rubrotincta Sm.	1		1																		
	sanguinolenta (Alb.& Schw.:Fr.)Kum.	1		8																		
	scabripes Murr.	1		1																		
	sp.	0	Y	23																		
	stannea (Fr.)Quel.	1		1																		
	stylobates (Fr.)Quel.	0		1																		
	subcaerulea (Pk.)Sacc.	5	Y	10																		
	subsupina Sm.	1		1																		
	viscosa (Secr.)Maire	1		1																		
	vulgaris (Pers.:Fr.)Kum.	0		1																		
Omphalina	chrysophylla (Fr.)Murr.	0	Y	5																		
	ectypoides (Pk.)Big.	1		0																		
	postii (Fr.)Sing.	0		1																		
Panellus	serotinus (Fr.)Kuehn.	3	Y	6																		X
	stipticus (Bull.:Fr.)Karst.	6	Y	98									X	X		X	X			X		X
Pleurocybella	porrigens (Pers.:Fr.)Sing.	0	Y	1																		
Porpoloma	umbrosum (Sm.& Walters)Sing.	0		1																		
Resinomycena	rhododendri (Pk.)Redh.& Sing.	1	Y	1																		
Resupinatus	applicatus (Batsch:Fr.)Gray	2	Y	7																		
Rhodocollybia	butyracea (Bull.:Fr.)Lennox	9	Y	70															X	X		
	lentinoides (Pk.)Hall.	1		6																		
	maculata v maculata (Alb.& Schw.:Fr.)Sing.	7	Y	33													X					
Rickenella	fibula (Bull.:Fr.)Raith.	4	Y	17																		
Tectella	patellaris (Fr.)Murr.	2	Y	10																		
Tricholoma	acerbum (Bull.:Fr.)Quel.	1		1																		
	aurantium (Schff.:Fr.)Ricken	2	Y	6																		
	caligatum (Viv.)Ricken	1	Y	10																		
	columbetta (Fr.)Kum.	1		8																		
	davisiae Pk.	1		2																		
	flavobrunneum (Fr.)Kum.	1		6																		
	flavovirens (Fr.)Lund.	1	Y	14																		
	fumosoluteum Pk.	1		4																		
	imbricatum (Fr.:Fr.)Kum.	0		2																		
	inamoenum (Fr.)Quel.	0		1																		
	intermedium Pk.	0		1																		
	leucophyllum Ovrebo and Tylutki	0		1																		
	odorum Pk.	1		18																		
	orirubens Quel.	1		2																		
	palustre Sm.	0		3																		
	pardinum Quel.	0		1																		
	pessundatum (Fr.)Quel.	0		3																		
	portentosum (Fr.)Quel.	2	Y	3																		
	resplendens (Fr.)Karst.	2		13																		
	saponaceum (Fr.)Kum.	2	Y	10																		
	sejunctum (Fr.)Quel.	2	Y	25																	X	
	subluteum Pk.	1		2																		
	subresplendens Pk.	0		5																		
	sulphurescens Bres.	1		6																		
	sulphureum (Fr.)Kum.	0		4																		
	terreum (Schff.:Fr.)Kum.	1		3																		
	transmutans (Peck) Sacc.	0		1																		
	ustale (Fr.:Fr.)Kum.	1		1																		
	venenatum Atk.	0		1																		
	virgatum (Fr.)Kum.	1		5																		
Tricholomopsis	decora (Fr.)Sing.	2		7																		
	formosa (Murr.)Sing.	2		2																		
	rutilans (Fr.)Sing.	5	Y	27								X								X		
	sulphureoides (Pk.)Sing.	0		5																		
Xeromphalina	campanella (Batsch:Fr.)Kuehn.& Maire	3	Y	30			X															
	kauffmanii Sm.	1	Y	24																		
Xerula	furfuracea (Pk.)Redh.,Ginns,& Shoem.	6	Y	65				X							X	X				X		
	megalospora (Clem.)Redh.,Ginns,&Shoem.	2		5												X						
	radicata (Rehlan:Fr.)Doerfelt	6	Y	73																		
	rubrobrunnescens Redh.,Ginns,& Shoem.	3		2																		
	rugosoceps (Atk.)Redh.,Ginns,& Shoem.	3		2																		
Phleogena	faginea (Fr.)Link	1		1																		

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
Auricularia	auricula (Hook.)Underw.	3	Y	45	X															X		
	cornea Ehrenb.:Fr.	0	Y	3																		
Boletus	auripes Pk.	3	Y	6																		
	auriporus Pk.	7		26																		
	bicolor v bicolor Pk.	3	Y	56											X							
	caespitosus Pk.	1	Y	5																		
	campestris Sm.& Thrs.	5	Y	32			X															
	carminipes Sm.& Thrs.	1	Y	1																		
	edulis v edulis Bull.:Fr.	1	Y	36																		
	erythropus (Fr.)Krombh.	0	Y	2																		
	flammans Dick & Snell	2		2																		
	fraternus Pk.	5	Y	24																		
	frostii Russell in Frost	4	Y	15																		
	griseus Frost in Pk.	2		13																		
	hortonii (Pk.)Sm.& Thrs.	2	Y	10					X													
	innixus Frost	0		1																		
	lignicola Kallenb.	0		1																		
	longicurvipes Snell & Sm.	1	Y	17																		
	luridus Schff.:Fr.	3		3																		
	miniato-olivaceus Frost	0		2																		
	miniato-pallescens Sm.& Thrs.	4	Y	6																		
	minutiporus Sm.& Thrs.	1		1																		
	morrisii Pk.	0		1																		
	nobilis	0		1																		
	ornatipes Pk.	0	Y	22					X				X									
	pallidus Frost	4	Y	34											X							
	peckii Frost in Pk.	1		2																		
	pseudosensibilis Sm.& Thrs.	2	Y	15																		
	pulverulentus Opat.	1	Y	50																		
	rubellus Krombh.	6	Y	8			X															
	rubeus Frost	1		3																		
	rubricitrinus (Murr.)Murr.	0	Y	3																		
	rufocinnamomeus Sm.& Thrs.	0	Y	2																		
	sensibilis Pk.	0		7					X				X		X							
	separans Pk.	0	Y	21																		
	speciosus Frost	3		3																		
	subfraternus Coker & Beers	1	Y	1																		
	subglabripes Pk.	3	Y	42																		
	subluridellus Sm.& Thrs.	0		1																		
	subpallustris A.H. Sm. & Thiers	0		0							X											
	subvelutipes Pk.	2	Y	30																		
	tenax Sm.& Thrs.	3	Y	5																		
	variipes Pk.	1	Y	13																		
	vermiculosus Pk.	3	Y	12																		
Leccinum	albellum (Pk.)Sing.	4		7					X				X									
	atrostipitatum Sm.,Thrs.& Watl.	0	Y	2																		
	aurantiacum (Bull.:St.Am.)Gray	2	Y	13																	X	
	chromapes (Frost)Sing.	3	Y	19																		
	eximium (Pk.)Sing.	0	Y	1																		
	griseum (Quel.)Sing.	0		4																		
	holopus v americanum Sm.& Thrs.	0		1																		
	holopus v holopus (Rostk.)Watl.	1	Y	10																		
	insigne Sm.,Thrs.& Watl.	1	Y	12																		
	nigrescens (Richon & Roze)Sing.	1	Y	1																		
	oxydabile (Sing.)Sing.	0		1																		
	rubropunctum (Pk.)Sing.	2	Y	2																		
	rugosiceps (Pk.)Sing.	0		10																		
	scabrum (Bull.:Fr.)Gray	8	Y	77					X													
	snellii Sm.,Thrs.& Watl.	0	Y	32																		
	sp.	0	Y	5																		
	subgranulosum Sm.& Thrs.	1		1																		
	vulpinum Watl.	0		3																		
Pulveroboletus	retipes (Berk.& Curt.)Sing.	0		1																		
Suillus	americanus (Pk.)Snell	3	Y	51																	X	
	brevipes (Pk.)Kunt.	0		3																		
	cothurnatus Sing.	1		3																		
	decipiens (Berk.& Curt.)Kunt.	1		3																		
	flavogranulatus	0		1																		
	granulatus (L.:Fr.)Kunt.	1	Y	72																	X	
	grevillei (Klotzsch)Sing.	2	Y	31																X		
	hirtellus (Pk.)Kunt.	1	Y	1																		
	intermedius (Sm.& Thrs.)Sm.& Thrs.	0	Y	5																		
	luteus (L.:Fr.)Gray	2	Y	27																		
	placidus (Bono.)Sing.	0		4																		
	punctipes (Pk.)Sing.	1	Y	1																		
	salmonicolor (Frost) Halling	2	Y	18																	X	
	spraguei (Berk.& Curt.)Kunt.	1	Y	23																		

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
	subaureus (Pk.)Snell	2	Y	1																		
Xanthoconium	affine v affine (Pk.)Sing.	2	Y	53																		X
	affine v maculosus (Pk.)Sing.	0	Y	17					X													
Chroogomphus	ochraceus (Kauff.)Miller	1		1																		
	vinicolor (Pk.)Miller	1	Y	8																		
Gomphidius	glutinosus (Schff.:Fr.)Fr.	3	Y	14																		
	maculatus (Scop.:Fr.)Fr.	1	Y	1																		
	subroseus Kauff.	0	Y	2																		
Gyrodon	merulioides (Schw.)Sing.	4	Y	92									X	X			X			X		X
Gyroporus	castaneus (Bull.:Fr.)Quel.	10	Y	110				X	X													
	cyanescens (Bull.:Fr.)Quel.	2	Y	18																		
	purpurinus (Snell)Sing.	2	Y	12									X									
	subalbellus Murr.	2		3																		
Hygrophoropsis	aurantiaca (Wulf.:Fr.)Maire	5	Y	50					X				X									
Omphalotus	olearius (DC.:Fr.)Sing.	2	Y	36					X													
Paxillus	atrotomentosus (Batsch:Fr.)Fr.	0	Y	39				X							X							
	corrugatus Atk.	1	Y	1																		
	involutus (Batsch:Fr.)Fr.	5	Y	35																		
	panuoides (Fr.)Fr.	5	Y	7																		
Rhizopogon	atlanticus Coker & C. W. Dodge	0		1																		
	fuscorubens A. H. Smith	0		1																		
	nigrescens Coker & Couch	0		2																		
	rubescens Tul.	1	Y	2																		
	subaustralis A. H. Smith	0		1																		
	sp.	1	Y	8																		
Austroboletus	betula (Schw.)Horak	0		1																		
	gracilis (Pk.)Wolfe	3		17																		
	subflavidus (Murr.)Wolfe	0	Y	1																		
Chalciporus	piperatus (Bull.:Fr.)Sing.	3		26																		
	pseudorubinellus (Sm.& Thrs.)Gomez	1	Y	1																		
Fuscoboletinus	grisellus (Pk.)Pomerl.& Sm.	1	Y	1																		
Strobilomyces	confusus Sing.	5	Y	39																		
	floccopus (Fr.)Karst.	4	Y	75																		
Tylopilus	atratus	0		1																		
	alboater (Schw.)Murr.	5	Y	21							X			X								
	badiceps (Pk.)Sm.& Thrs.	1		2																		
	ballouii (Pk.)Sing.	2	Y	31											X							
	felleus (Bull.:Fr.)Karst.	6	Y	72				X														
	ferrugineus (Frost)Sing.	2		14																		
	fumosipes (Pk.)Sm.& Thrs.	1	Y	3																		
	griseocarneus Wolfe & Halling	0		1																		
	indecisus (Pk.)Murr.	2	Y	21																		
	nebulosus (Pk.)Wolfe	1	Y	3																		
	peralbidus (Snell & Beards.)Murr.	0	Y	1																		
	plumbeoviolaceus (Snell)Snell	2	Y	32					X													
	porphyrosporus (Fr.)Sm.& Thrs.	1		7																		
	pseudoscaber (Secr.)Sm.& Thrs.	1	Y	2																		
	rubrobrunneus Mazzer & Sm.	0	Y	35																		
	sordidus (Frost)Sm.& Thrs.	9	Y	14																		
	subpunctipes (Pk.)Sm.& Thrs.	0		1																		
	umbrosus (Atk.)Sm.& Thrs.	2		1																		
Boletellus	chrysenteroides (Snell)Sing.	3		13																		
	projectellus (Murr.)Sing.	1	Y	4																		
Phylloporus	boletinoides AH Smith & Thiers	0		1																		
	foliiporus (Murr.)Sing.	0	Y	1																		
	leucomycelinus Sing.	4	Y	8																		
	rhodoxanthus (Schw.)Bres.	10	Y	77				X	X					X								
Xerocomus	alutaceus (Morg.in Pk.)Dick & Snell	1		1																		
	badius (Fr.)Kuehn.:Gilb.	4	Y	33																		
	castanellus (Pk.)Snell & Dick	2	Y	12																		
	chrysenteron (Bull.:St.Am.)Quel.	9	Y	50																		X
	illudens (Pk.)Sing.	2		11																		
	parasiticus (Bull.:Fr.)Quel.	5	Y	29																		
	roxanae (Frost)Snell	0		1																		
	spadiceus (Fr.)Quel.	0		5																		
	subtomentosus (L.:Fr.)Quel.	4		14																		X
Bondarzewia	berkeleyi (Fr.)Bond.& Sing.	1	Y	18																		
Cantharellus	cibarius Fr.	7	Y	49				X				X										X
	cinnabarinus Schw.	6	Y	131					X	X						X						
	ignicolor Pet.	0		18																		
	infundibuliformis Fr.	0	Y	6																		
	lateritius (Berk.)Sing.	1	Y	48							X						X					X
	luteocomus Big.	0		1																		
	minor Pk.	1	Y	73						X					X	X						
	tubaeformis Fr.	3	Y	27												X	X					

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
	xanthopus (Pers.)Duby	5	Y	18																		
Clavaria	aurantio-cinnabarina Schw.	1		8											X							
	fumosa Pers.:Fr.	0		4					X													
	gracillima Pk.	1		2																		
	rubicundula Leathers	0		4																		
	vermicularis Mich.:Fr.	1	Y	19					X													
	zollingeri Lev.	2	Y	9																		
Multiclavula	mucida (Pers.:Fr.)Pet.	0	Y	2												X						
Ramariopsis	corniculata (Schff.:Fr.)Pet.	0		4																		
	fusiformis (Sow.:Fr.)Pet.	6	Y	78				X		X												
	kunzei (Fr.)Donk	2	Y	21																		
	laeticolor (Berk.& Curt.)Pet.	1	Y	3																		
Clavariadelphus	lovejoyae Wells & Kempton	0		1																		
	pistillaris (L.:Fr.)Donk	1	Y	6																		
	truncatus (Quel.)Donk	3	Y	15																		
	unicolor (Rav.in Berk.)Corner	0		2																		
Clavulina	amethystina (Fr.)Donk	4	Y	9																		
	cinerea (Fr.)Schroet.	4		37																		
	cristata (Fr.)Schroet.	2	Y	73					X													X
	rugosa (Fr.)Schroet.	0		1																		
Craterellus	caeruleofuscus Smith	0		1																		
	cinereus v multiplex (Sm.)Sm.	2		12																		
	cornucopioides (Fr.)Pers.	5	Y	2																		
	dubius Pk.	1	Y	2																		
	fallax Sm.	3	Y	93					X													X
	sinuosus (Fr.)Corner	1		1																		
Climacodon	septentrionale (Fr.)Karst.	0	Y	12													X					
Hydnum	albidum Pk.	0		1																		
	repandum v repandum L.:Fr.	3	Y	46												X						
	umbilicatum Pk.	1		28												X	X					
Odontia	pallida (Cooke & Ellis) Rick	0		0																		X
Albatrellus	caeruleoporus (Pk.)Pouz.	4	Y	17													X					
	confluens (Alb.et Schw.:Fr.) Kotl. et Pouz.	0		1																		
	cristatus (Pers.:Fr.)Pouz.	1	Y	2																		
	ovinus (Schff.:Fr.)Kotl.& Pouz.	0		2																		
Sparassis	crispa Wulf.:Fr.	0	Y	1															X			
	spathulata (Schw.:Fr.)Fr.	0	Y	17															X			
Cortinarius	alboviolaceus (Pers.:Fr.)Fr.	2	Y	28																		
	annulatus Pk.	0		1																		
	anomalus (Fr.:Fr.)Fr.	0		1																		
	argentatus (Pers.:Fr.)Fr.	0	Y	9																		
	armillatus (Fr.)Fr.	4	Y	33												X						
	azureus Fr.	0		3																		
	bolaris (Pers.:Fr.)Fr.	1	Y	2																		
	caninus (Fr.)Fr.	1		2																		
	cinnabarinus Fr.	1		2																		
	cinnamomeus (Fr.)Gray	3	Y	3																		
	collinitus (Sow.)Fr.	1	Y	8																		
	corrugatus Pk.	2		15					X													
	cyanites Fr.	1		2																		
	delibutus Fr.	0		2																		
	distans Pk.	1	Y	4																		
	elegantioides Kauff.	1		1																		
	evernius (Fr.)Fr.	0		1																		
	flexipes (Pers.:Fr.)Fr.	1		2																		
	fulvescens Fr. ss Fav.	1		1																		
	hemitrichus (Pers.:Fr.)Fr.	0		2																		
	hinnuleus (Sow.)Fr.	1		7																		
	incognitus Ammir.& Sm.	1	Y	1																		
	iodes Berk.& Curt.	4	Y	84											X				X			
	lilacinus Pk.	2		5																		
	malicorius Fr.	2		1																		
	mucifluus	0		1																		
	mucosus (Bull.:Fr.)Kickx	0		1																		
	obliquus Pk.	2	Y	10																		
	paleaceus (Weinm.)Fr.	0		1																		
	paleiferus Svr.	0		1																		
	pholideus (Fr.)Fr.	2		2																		
	pseudosalor Lange	0		1																		
	pulchrifolius Pk.	0		6																		
	purpurascens Fr.:Fr.	0		1																		
	sanguineus (Wulf.:Fr.)Gray	0	Y	1																		
	semisanguineus (Fr.)Gill.	5	Y	29																		
	sp.	0	Y	64																		
	splendidus Pk.	0		1																		
	subargentatus Murr.	0		1																		
	subpulchrifolius Kauff.	0		1																		
	torvus (Bull.:Fr.)Fr.	0		4																		
	traganus (Weinm.:Fr.)Fr.	3		15																		
	vibratilis (Fr.)Fr.	0		4																		
	violaceus (Fr.)Gray	1	Y	2																		

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
	whitei Pk.	1		2																		
Galerina	autumnalis (Pk.)Sm.& Sing.	5	Y	36																		X
	calyptrata	0		1																		
	hypnorum (Schrenk:Fr.)Kuehn.	1	Y	1																		
	marginata (Batsch:Secr.)Kuehn.	1		0																		
	tibiicystis (Atk.)Kuehn.	0		1																		
Gymnopilus	flavidellus Murr.	0		1																		
	luteus (Pk.)Hes.	2	Y	41																X		
	penetrans (Fr.:Fr.)Murr.	5	Y	17												X						
	sapineus (Fr.)Maire	2	Y	4																		
	spectabilis (Fr.)Sm.	1		7												X						
	validipes (Pk.)Hes.	0		1																		
Hebeloma	crustuliniforme (Bull.:St.Am.)Quel.	2	Y	9																	X	
	edurum Met.	0		2																		
	longicaudum (Pers.:Fr.)Kum.	0		1																		
	mesophaeum (Pers.)Quel.	2	Y	2																		
	pascuense Pk.	0		1																		
	radicosum (Bull.:Fr.)Ricken	1		1																		
	sacchariolens Quel.	0		3																		
	sinapizans (Paulet:Fr.)Gill.	0		1																		
	sp.	1		1																		
Inocybe	abundans Murr.	0		1																		
	agardhii (Lund.)Orton	1		2																		
	albodisca Pk.	3	Y	15																		
	brunneolipes Grund & Stuntz	0		1																		
	caesariata (Fr.)Karst.	3	Y	17																		
	calamistrata (Fr.)Gill.	3	Y	4																		
	calospora Quel.in Bres.	3	Y	5																		
	castanea Pk.	0		1																		
	cicatricata Ellis & Ev.	0		2																		
	cookei Bres.	0		1																		
	curvipes Karst.	0	Y	4																		
	dulcamara (Alb.& Schw.:Pers.)Kum.	1	Y	0																		
	fallax Pk.	0	Y	1																		
	fastigiella Atk.	0		2																		
	fraudans (Britz.)Sacc.	1		3																		
	fuscodisca (Pk.)Mass.	0	Y	1																		
	geophylla (Sow.:Fr.)Kum.	0	Y	12																		
	geophylla v lilacina (Pk.)Kauff.	1	Y	4																		
	godeyi Gill.	0		1																		
	hystrix (Fr.)Karst.	1	Y	3																		
	intricata Pk.	3	Y	12																		
	kauffmanii Sm.	0		1																		
	lacera (Fr.)Kum.	5	Y	16																		
	lanatodisca Kauff.	1	Y	1																		
	longicystis Atk.	0		3																		
	maritimoides (Pk.)Sacc.	0		1																		
	minima Pk.	0	Y	1																		
	mixtilis (Britz.)Sacc.	0	Y	6																		
	mutata (Pk.)Mass.	0	Y	1																		
	napipes Lange	1	Y	5																		
	nigrodisca Pk.	0	Y	1																		
	neobrunnescens Grund & Stuntz	0		1																		
	nodulosa Kauff.	0	Y	3																		
	oblectabilis f decemgibbosa Kuehn.	1		1																		
	permucida Grund & Stuntz	1		1																		
	prominens Kauff.	4	Y	15																		
	rimosa (Bull.:Fr.)Kum.	5	Y	26																		
	rimosoides Pk.	0	Y	3																		
	sororia Kauff.	0	Y	1																		
	sp.	0	Y	19																		
	squamosodisca Pk.	0	Y	1																		
	subdecurrens Ellis & Ev.	0	Y	2																		
	subdestricta Kauff.	2	Y	7																		
	subochracea (Pk.)Earle	5	Y	15																		
	subtomentosa Pk.	0		1																		
	tahquamenonensis Stuntz	0	Y	2																		
	tenerrima Atk.	0		1																		
	umbrina Bres.	0	Y	8																		
	ventricosa Atk.	0		2																		
	violaceoalbipes	0		4																		
Phaeocollybia	sp.	1		1																		
Phaeomarasmius	erinaceellus (Pk.)Sing.	6	Y	20																		X
	muricatus (Fr.:Fr.)Sing.	1		1																		
Rozites	caperatus (Pers.:Fr.)Karst.	3	Y	32																	X	
Simocybe	centunculus (Fr.)Karst.	2	Y	1																		
	serrulata (Murr.)Sing.	3	Y	1																		

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
Crepidotus	alabamensis Murr.	1		1																		
	albissimus Murr.	1		1																		
	appalachianensis Hes.& Sm.	1		0																		
	applanatus (Pers.)Kum.	2	Y	57																		X
	applanatus v globigera (Berk.)Sacc.	3		5																		
	aureifolius Hes.& Sm.	0		1																		
	betulae Murr.	0		1			X															X
	crocophyllus (Berk.)Sacc.	3	Y	17																X		X
	cystidiosus Hes.& Sm.	0		1																		
	fraxinicola Murr.	0		1																		
	lundellii Pilat	2		2																		
	malachius (Berk.& Curt.)Sacc.	4	Y	16										X			X					
	mollis (Fr.)Staude	1	Y	8																		X
	nephrodes (Berk.& Curt.)Sacc.	2		15													X					X
	occidentalis Hes.& Sm.	1		1																		
	sp.	1		2																		
	stipitatus Kauff.	2		4																		
	versutus (Pk.)Sacc.	1	Y	1																		
Tubaria	furfuracea (Pers.:Fr.)Gill.	2	Y	4																		
	hiemalis Romagn.:Bon	1		2																		
Calocera	cornea (Batsch:Fr.)Fr.	3	Y	19																		X
	viscosa (Pers.:Fr.)Fr.	0	Y	4																		
Dacrymyces	chrysospermus Berk.& Curt.	3	Y	28												X						
	stillatus Nees:Fr.	2	Y	9																		X
	sp	0		1																		
Dacryopinax	spathularia (Schw.)Martin	3	Y	6																		
Fistulina	hepatica Schff.:Fr.	3	Y	35											X				X			
Pseudofistulina	radicata (Schw.)Burds.	1	Y	2																		
Ganoderma	applanatum (Pers.)Pat.	1	Y	149			X			X			X			X	X			X		X
	lobatum (Schw.)Atk.	0		1																		
	lucidum (Fr.)Karst.	2	Y	65											X						X	
	tsugae Murr.	2	Y	49			X				X					X				X		
Gomphus	floccosus (Schw.)Sing.	1	Y	13								X					X					
Lentaria	byssiseda (Pers.:Fr.)Corner	1		5																		
	micheneri (Berk.& Curt.)Corner	0		1																		
Ramaria	apiculata (Fr.)Donk	0	Y	1																		
	concolor (Corner)Pet.	0		1																		
	fennica (Karst.)Ricken	1		2																		
	flaccida (Fr.)Bourd.	2		4																		
	flavigelatinosa Marr & Stuntz	0	Y	0																		
	primulina Pet.	1		1																		
	sp.	0	Y	16																		
	stricta (Pers.:Fr.)Quel.	3	Y	11																		
Auriscalpium	vulgare Gray	0	Y	0																		
Clavicorona	pyxidata (Pers.:Fr.)Doty	7	Y	77			X	X	X	X				X		X			X			X
Laxitextum	bicolor (Pers.:Fr.)Lentz	1	Y	2																		X
Hericium	coralloides (Scop.:Fr.)Pers.	0	Y	21																		
	erinaceus (Bull.:Fr.)Pers.	2	Y	28																		
	ramosum (Mer.)Letell.	1	Y	13													X					
	ramosum v roseum (Mer.)Letell.	0		1																		
Lentinellus	cochleatus (Pers.:Fr.)Karst.	5	Y	8										X								
	omphalodes (Fr.)Karst.	1	Y	5										X						X		
	sp.	1		1																		
	ursinus (Fr.)Kuehn.	3	Y	56									X				X			X		
	vulpinus (Fr.)Kuehn.& Maire	1	Y	2																		
Coltricia	cinnamomea (Pers.)Murr.	1	Y	45					X	X						X						
	montagnei (Fr.)Murr.	1	Y	4												X						
	montagnei v greenei Fr.	1	Y	4																		
	perennis (L.:Fr.)Murr.	6	Y	11																		
Hydnochaete	olivacea (Schw.)Bank.	2	Y	42										X	X						X	X
Hymenochaete	badio-ferruginea (Mont.)Lev.	0		1																		
	rubiginosa (Dicks.:Fr.)Lev.	3		3	X																	
	tabacina (Sow.:Fr.)Lev.	2		4							X											
Inonotus	circinatus (Fr.) RL Gilbertson	0		1																		
	cuticularis (Bull.:Fr.)Karst.	1		3																		
	dryadeus (Pers.:Fr.)Murr.	1	Y	7																		
	glomeratus (Pk.)Murr.	1	Y	2																		
	hispidus (Bull.:Fr.)Karst.	1		20																	X	
	obliquus (Pers.:Fr.)Pilat	0	Y	4																		
	radiatus (Sow.:Fr.)Karst.	2	Y	5																		
	tomentosus (Fr.)Teng	2	Y	20													X					
Phellinus	contiguus (Fr.)Pat.	0		0													X					X
	everhartii (Ellis & Gall.)A.Ames	1		3																		
	ferruginosus (Schrad.:Fr.)Bourd.& Galz.	0		2																		
	gilvus (Schw.)Pat.	3	Y	91					X		X				X		X					X
	igniarius (L.:Fr.)Quel.	1		2																		
	robineae (Murr.)A.Ames	1		9																		
	robustus (Karst.)Bourd.& Galz.	0		2																		
	viticola (Schw.:Fr.)Donk	1		1																		

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
Geastrum	fornicatum (Huds.)Fr.	0	Y	1																		
	indicum Klotzsch	0		1																		
	minimum Schw.	1		1																		
	saccatum Fr.	2	Y	14																		
	triplex Jungh.	1	Y	10																		
	sp	0		1																		
Bovista	minor Morg.	1		1																		
	plumbea Pers.:Pers.	0		2																		
Calvatia	craniiformis (Schw.)Fr.	0	Y	25																		
	cyathiformis (Bosc)Morg.	0	Y	25																		
	excipuliformis (Pers.)Perdeck	2		2																		
	gigantea (Batsch:Pers.)Lloyd	0	Y	14																		
	rubroflava (Cragin)Morg.	0	Y	4																		
Lycoperdon	candidum Pers.	1	Y	19																		
	curtisii Berk.	0	Y	1																		
	echinatum Pers.:Pers.	0	Y	14																	X	
	foetidum Bono.	1		1																		
	molle	0		1													X					X
	pedicellatum Pk.	0		1																		
	perlatum Pers.	1	Y	113			X							X		X	X			X	X	X
	pyriforme Schff.:Pers.	1	Y	71																		
	sp.	0	Y	5																		
	umbrinum Pers.	1	Y	27																		
Vascellum	cruciatum (Rostk.)Ponce	2		3																		
Crucibulum	laeve (Bull.:DC.)Kambly	4	Y	61																		
Cyathus	stercoreus (Schw.)DeToni	0	Y	5													X					
	striatus (Huds.)Willd.:Pers.	0	Y	28																		X
Pseudocolus	schellenbergiae Sum.	2	Y	8																		
Phallogaster	saccatus Morg.	0	Y	1																		
Rhopalogaster	transversarium (Bosc)Johnston	1	Y	4																		
Mutinus	caninus (Huds.:Pers.)Fr.	1	Y	4																		
	elegans (Mont.)Fischer	2	Y	44																		
Phallus	duplicata (Bosc)Dring	0	Y	9																		
	ravenelii Berk.& Curt.	1	Y	26												X						
	rubicundus Bosc	0	Y	2																		
Abortiporus	biennis	0	Y	1																		
Antrodia	albida (Fr.)Donk	5		8																		
	malicola (Berk. & M.A. Curtis) Donk	0	Y	0																		X
	serialis (Fr.)Donk	1		2																		
Antrodiella	semisupina (Berk.& Curt.)Ryv.	1		6																		X
Bjerkandera	adusta (Willd.:Fr.)Karst.	5		30							X	X					X					X
Ceriporia	spissa (Schw.:Fr.)Rajch.	0	Y	2							X						X					
Cerrena	unicolor (Bull.:Fr.)Murr.	5	Y	26													X					X
Climacocystis	borealis (Fr.)Kotl.& Pouz.	0		1																		
Cryptoporus	volvatus (Pk.)Shear	5	Y	22																		
Daedalea	quercina L.:Fr.	2	Y	48																		X
Daedaleopsis	confragosa (Bolt.:Fr.)Schroet.	2	Y	150								X	X	X	X	X	X	X		X		X
Fomes	fomentarius (L.:Fr.)Kickx	1	Y	43			X					X	X			X						
Fomitopsis	cajanderi (Karst.)Kotl.& Pouz.	5	Y	7																		
	pinicola (Swartz:Fr.)Karst.	1	Y	3																		
	spraguei (Berk.& Curt.)Gilbn.& Ryv.	5		14													X			X		
Globifomes	graveolens (Schw.)Murr.	1	Y	6																		
Gloeophyllum	sepiarium (Wulf.:Fr.)Karst.	2	Y	8																X		
	trabeum (Pers.:Fr.)Murr.	1		1																		
Grifola	frondosa (Dicks.:Fr.)Gray	4	Y	59																		
Hapalopilus	nidulans (Pers.:Fr.)Karst.	3	Y	42						X		X										X
Ischnoderma	resinosum (Fr.)Karst.	1	Y	18																		
Laetiporus	cincinnatus (Morgan)Burds. Banik Volk	0	Y	21				X														
	sulphureus (Bull.:Fr.)Murr.	1	Y	100			X		X		X	X	X		X	X	X	X				
Lenzites	betulinus (Fr.)Fr.	3	Y	50							X						X		X			
Melanoporia	nigra (Berk.)Murr.	2		3																		
Meripilus	giganteus (Fr.)Karst.	1	Y	2								X										
	sumstinei (Murr.)Larsen in Lombard	1	Y	27																		
Oligoporus	caesius (Schrad.:Fr.)Gilbn.& Ryv.	3	Y	56				X													X	X
	fragilis (Fr.)Gilbn.& Ryv.	0	Y	3																		
	guttulatus (Pk.)Gilbn.& Ryv.	1		2																		
	stipticus (Pers.:Fr.)Gilbn.& Ryv.	0		4																		
	tephroleucus (Fr.)Gilbn.& Ryv.	2		11																		
Oxyporus	populinus (Schum.:Fr.)Donk	1	Y	45																		X
Parmastomyces	transmutans (Overh.)Ryv.& Gilbn.	1		1																		
Perenniporia	fraxinophila (Pk.)Ryv.	2		3																		
	narymica (Pilat)Pouz.	1		1																		
	ohiensis (Berk.)Ryv.	3		2																		
	subacida (Pk.)Donk	1		1																		
Phaeolus	schweinitzii (Fr.)Pat.	3	Y	35													X		X			
Piptoporus	betulinus (Bull.:Fr.)Karst.	3	Y	115										X		X	X				X	X
Poria	sp.	0	Y	4																		

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
Porodisculus	pendulus (Schw.)Murr.	1	Y	4																		
Postia	subcaesius (David)Juelich	0		3																		
Ptychogaster	albus Corda	3	Y	2																		
Pycnoporus	cinnabarinus (Jacq.:Fr.)Karst.	3	Y	49											X						X	X
	sanguineus (L.:Fr.)Murr.	2	Y	4																		
Skeletocutis	nivea (Jungh.)Keller	2		11													X					X
Spongipellis	pachyodon (Pers.)Kotl.& Pouz.	2	Y	10																	X	
	unicolor (Schw.)Murr.	1		1																		
Trametes	cervina (Schw.)Bres.	0		0																		
	conchifer (Schw.:Fr.)Pilat	4	Y	38	X															X		
	elegans (Spreng.:Fr.)Fr.	3		40			X			X	X	X	X	X				X		X		
	hirsuta (Wulf.:Fr.)Pilat	2		23																		X
	ochracea (Pers.)Gilbn.& Ryv.	1		4																X		
	pubescens (Schum.:Fr.)Pilat	1	Y	7																		X
	suaveolens L.:Fr.	3		1																		
	trogii Berk.in Trog	1		0																		
	versicolor (L.:Fr.)Pilat	5	Y	171						X	X	X	X				X		X	X	X	X
Trichaptum	abietinum (Dicks.:Fr.)Ryv.	1	Y	12							X					X						
	biforme (Fr.)Ryv.	4	Y	154	X		X	X		X			X		X	X	X		X			X
Tyromyces	chioneus (Fr.)Karst.	4	Y	170			X		X	X	X	X	X	X		X	X					X
	fissilis (Berk.& Curt.)Donk	0	Y	7																		
	galactinus (Berk.)Lowe	1		2																		
Lentinus	lepideus (Fr.:Fr.)Fr.	1	Y	1																		
	spretus Pk.	1	Y	1																		
	suavissimus Fr.	2	Y	1																		
	tigrinus (Bull.:Fr.)Fr.	0	Y	2																		
	torulosus	0		1																		
Panus	conchatus (Bull.:Fr.)Fr.	2	Y	5																		
	rudis Fr.	3	Y	7																		
Phyllotopsis	nidulans (Pers.:Fr.)Sing.	5	Y	25															X	X		X
Pleurotus	dryinus (Pers.:Fr.)Kum.	1		5																		
	elongatipes	0		1																		
	ostreatus (Jacq.:Fr.)Kum.	5	Y	68	X		X			X		X	X				X					X
	pulmonarius (Fr.)Quel.	0	Y	12																		
	sp.	0	Y	4																		
	strigosus (Berk.& Curt.)Sing.	1	Y	2																		
Polyporus	alveolaris (DC.:Fr.)Bond.& Sing.	6	Y	85			X						X			X	X					X
	arcularius Batsch:Fr.	3	Y	15										X								
	badius (Pers.:Gray)Schw.	2	Y	33																		
	brumalis Pers.:Fr.	9		17	X																	X
	craterellus Berk.& Curt.	1		8																		
	elegans Bull.:Fr.	6	Y	109	X		X		X	X	X		X	X	X	X	X					X
	melanopus Schw.:Fr.	0		2																		
	radicatus Schw.	3	Y	9																		
	squamosus Huds.:Fr.	3	Y	52	X								X									
	tuberaster (Pers.:Fr.)Fr.	2		13							X											
	varius Fr.	1		5							X											
Lactarius	allardii Coker	0	Y	1																		
	aquifluus Pk.	2		16																		
	areolatus Hes.& Sm.	0		2																		
	argillaceifolius Hes.& Sm.	1	Y	1																		
	atroviridis Pk.	1	Y	5					X													
	camphoratus (Fr.)Fr.	4	Y	86						X												
	chelidonium Pk.	1		14																		
	chrysorheus Fr.	4	Y	40					X												X	
	cinereus v cinereus Pk.	4		26																		
	cinereus v fagetorum Hes.& Sm.	1		3																		
	corrugis Pk.	3	Y	46					X													X
	croceus Burl.	1		3																		
	deceptivus Pk.	2	Y	64					X						X							
	deliciosus v areolatus Sm.	1		1																		
	deliciosus v deliciosus (Fr.)Gray	0	Y	13																		
	deliciosus v deterrimus (Groeg.)Hes.& Sm.	1		7																		
	fuliginellus Sm.& Hes.	2		3																		
	fuliginosus (Fr.)Fr.	0	Y	1																		
	fumosus Pk.	0		3																		
	gerardii Pk.	1	Y	38					X													
	gerardii v subrubescens	0		1																		
	glyciosmus (Fr.)Fr.	1		2																		
	griseus Pk.	0	Y	22																		
	hibbardae Pk.	0		1																		
	hygrophoroides Berk.& Curt.	5	Y	61																		
	imperceptus Beards.& Burl.	1		7																		
	indigo v indigo (Schw.)Fr.	3	Y	1																		
	lignyotellus Sm.& Hes.	1		3																		
	lignyotus v canadensis Sm.& Hes.	1		1																		
	lignyotus v lignyotus Fr.	5	Y	34				X														

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
	luteolus Pk.	2	Y	30																		
	mucidus v fuscogriseus Hes.& Sm.	2		1																		
	mucidus v mucidus Burl.	0	Y	4																		
	mutabilis Pk.	4		9																		
	oculatus (Pk.)Burl.	1		3																		
	paradoxus Beards.& Burl.	1	Y	6																		
	peckii Burl.	4	Y	19											X							
	piperatus v glaucescens (Crossl.)Hes.& Sm.	1		3					X			X								X		
	piperatus v piperatus (Fr.)Gray	5	Y	53					X			X										X
	proximellus Beards.& Burl.	0		2																		
	psammicola f glaber Hes.& Sm.	1		6																		
	pubescens v pubescens Fr.	3		6																		
	pyrogalus (Fr.)Fr.	1		0																		
	quietus v incanus Hes.& Sm.	2		22				X														
	rimosellus Pk.	3		5																		
	rufus	0	Y	1																		
	scrobiculatus (Fr.)Fr.	1		1																		
	subdulcis (Fr.)Gray	3		8																		
	subplinthogalus Coker	0	Y	2																		
	subpurpureus Pk.	4	Y	15												X	X					
	subvellereus v subdistans Hes.& Sm.	0		7												X						X
	subvellereus v subvellereus Pk.	0	Y	47						X												
	subvernalis v cokeri Sm.& Hes.	3	Y	3																		
	thejogalus (Fr.)Gray	4		13																		
	thyinos Sm.	0	Y	1																		
	torminosus v torminosus (Fr.)Gray	1		13												X						
	uvidus (Fr.)Fr.	1	Y	8																		
	vietus (Fr.)Fr.	1		3																		
	vinaceorufescens Sm.	0	Y	63																		
	volemus v volemus (Fr.)Fr.	5	Y	61					X	X												
	sp.	0		2																		
Russula	abietina Pk.	4	Y	19																		
	aciculocystis Kauff.:Bills & Miller	1	Y	3																		
	admirabilis Beards.& Burl.	2		3																		
	adusta Fr.	1	Y	7																		
	aeruginea Lindbl.	2	Y	17																		
	albella Pk.	1		1																		
	albidula Pk.	1		1																		
	albiduliformis Murr.	0		1																		
	albonigra (Krombh.)Fr.	0	Y	6																		
	amoenicolor Romagn.	0	Y	1																		
	amoenolens Romagn.	1	Y	19																		X
	anisata Murr.	1		2																		
	anomala Pk.	0		1																		
	appalachiensis Sing.	0		1																		
	aquosa Leclair	0	Y	16																		
	aurantiolutea Kauff.	0		1																		
	ballouii Pk.	4	Y	22																		
	barlae Quel.	2		17																		
	beardslei Burl.	1		1																		
	betularum Hora	2	Y	11																		
	betulina Burl.	0		3																		
	bicolor Burl.	0	Y	1																		
	blackfordae Pk.	0	Y	1																		
	blanda Burl.	0		1																		
	brevipes v acrior Shaffer	0	Y	4																		
	brevipes v brevipes Pk.	2	Y	43				X														
	brunneola Burl.	4	Y	23																		
	brunneoviolacea Crawsh.	5	Y	18																		
	cessans Pears.	0		6																		
	chamaeleontina (Fr.)Fr.	0		1																		
	cicatricata Romagn.	0		2																		
	cinerascens Beards.	2	Y	3																		
	claroflava Grove	3	Y	25																		
	compacta Frost	3	Y	79					X	X	X	X			X							
	corallina Burl.	2	Y	13																		
	cremeirosea Murr.	0		1																		
	cremeirubra Murr.	1	Y	2																		
	crustosa Pk.	7	Y	84																		X
	cyanoxantha (Schff.)Fr.	4	Y	43																		
	cystidiosa Murr.	3		11																		
	decolorans Fr.	2	Y	4																		
	densifolia (Secr.)Gill.	4	Y	21																		
	disparilis Burl.	1	Y	2																		
	dissimulans Shaffer	5	Y	27					X													
	earlei Pk.	1	Y	13																		
	faginea Romagn.	0		1																		

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
	fastigiata Fatto	0	Y	0																		
	flavida Frost	1	Y	2					X													
	flavisiccans Bills	7	Y	21																		X
	foetentula Pk.	1	Y	50							X					X						X
	fontqueri Sing.	0	Y	6																		
	fragilis Fr.	2	Y	17																		
	fragrantissima Romagn.	2	Y	11																		
	fucosa Burl.	2	Y	18																		
	fulvescens Burl.	0	Y	1																		
	glutinosa Fatto	0	Y	1																		
	gracilipes Romagn.	0		1																		
	gracilis Burl.	0	Y	5																		
	granulata Pk.	0		6																		
	graveolens Romell	0		3																		
	heterophylla Fr.	3	Y	9																		
	heterosporoides Murr.	0		1																		
	hibbardae Burl.	0		1																		
	humidicola Burl.	6		30																		X
	incarnaticeps Murr.	0	Y	4																		
	inopina Shaffer	0		2																		
	ionochlora Romagn.	1		9																		
	laurocerasi Romagn.	4	Y	36					X													
	lilacea Quel.	0		1																		
	lutea (Huds.:Fr.)Gray	0	Y	5																		
	luteofolia Fatto	0		1																		
	macropoda Sing.	0		11																		
	mariae Pk.	12	Y	126					X		X								X			X
	melliolens Quel.	1	Y	1																		
	michiganensis Shaffer	2		10																		
	modesta Pk.	7	Y	49																		
	montana Shaffer	0	Y	1																		
	mutabilis Murr.	1	Y	18																		
	nigrescentipes Pk.	0		1																		
	obscuriformis Murr.	1		1																		
	ochroleucoides Kauff.	6	Y	38																		X
	olivacea (Schff.)Fr.	1	Y	1																		
	operta Burl.	0		5																		
	ornaticeps Burl.	2	Y	33												X						
	paludosa Britz.	3	Y	4																		
	parvovirescens Buyck	0		1																		
	peckii Sing.	3		4																		
	pectinatoides Pk.	2	Y	35				X	X													
	pelargonia Niolle	0		1																		
	perlactea Murr.	1	Y	5																	X	
	perplexa Burl.	1		4																		
	polycystis Sing.	0		1																		
	polyphylla Pk.	1	Y	2																		
	primaverna Fatto	0		2																		
	pseudolepida Sing.	7	Y	19																		
	pseudopeckii Fatto	3		9																		
	puellaris Fr.	2	Y	17																		
	pulchra Burl.	1	Y	10																		
	pulverulenta Pk.	2	Y	13																		
	purpurata Crawsh.	0		1																		
	pusilla Pk.	7		46																		
	queletii Fr.	0	Y	1																		
	raoultii Quel.	2	Y	8																		
	romellii Maire	2	Y	11																		
	rosea Quel.	0		1																		
	roseitincta Murr.	0		1																		
	rubellipes Fatto	2		3																		
	rubescens Beards.	1	Y	26																		
	rubriceps (Kauff.)Sing.	0		2																		
	rubriochracea Murr.	0		3																		
	rugulosa Pk.	3	Y	24																		
	sanguinea Fr.	0		7																		
	sericeonitens Kauff.	0	Y	8																	X	
	silvicola Shaffer	6	Y	121																		X
	simillima Pk.	1	Y	10																		
	sp.	1	Y	30																		
	species #1	0	Y	1																		
	sphagnophila Kauff.	2		2																		
	stricta Murr.	0		2																		
	subgraminicolor Murr.	2	Y	12																		
	subochrophylla Murr.	2	Y	14																		
	subpunctata Kauff.	2		6																		
	subsericeonitens Murr.	1		3																		
	subtenuiceps Fatto	5	Y	11																		
	subtilis Burl.	3	Y	10																		
	sulcatipes Murr.	0		2																		
	uncialis Pk.	0		11																		
	variata Banning & Pk.	6	Y	97					X	X												X

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
Basidiomycota																						
Agaricus	abruptibulbus Pk.	1	Y	26																		
	arvensis Schff.:Secr.	3	Y	21																		
	augustus Fr.	1	Y	1																		
	bitorquis (Quel.)Sacc.	1	Y	6																		
	campestris Fr.	2	Y	40												X	X					
	cretacellus Atk.	0		1																		
	diminutivus Pk.	2		4																		
	haemorrhoidarius Schulz.in Kalchb.	1	Y	3									X									
	macrosporus	0		1																		
	meleagris JulSchff.	0		1																		
	pattersonae Pk.	0		1																		
	placomyces Pk.	4	Y	20																		
	pocillator Murr.	1	Y	31																		
	silvaticus Schff.:Vitt.	3	Y	22																	X	
	silvicola (Vitt.)Pk.	1	Y	6																		
	solidipes Pk.	1		3																		
	sp.	1	Y	11																		
	subrufescens Pk.	1	Y	7																		
Chlorophyllum	molybdites (Meyer:Fr.)Mass.	3	Y	9																		
Cystoderma	amianthinum v rugosoreticulatum (Lor.)Sm.& Sing.	0		11																		
	fallax Sm.& Sing.	0	Y	1																		
	granulosum (Batsch:Fr.)Fayod	0	Y	1																		
	sp.	1		1																		
Cystolepiota	sistrata Fr.ss Huijsman	0		6																		
Lepiota	acerina Pk.	1		1																		
	acutesquamosa (Weinm.)Kum.	2	Y	13																		
	americana Pk.	3	Y	12		X																
	atrodisca Zeller	5	Y	7																		
	brunnescens Pk.	4		7																		
	castanea Quel.	1		2																		
	cepaestipes (Sow.:Fr.)Kum.	2	Y	6																		
	clypeolaria (Bull.:Fr.)Kum.	0	Y	2																		
	cristata (Fr.)Kum.	3	Y	15																		
	cystidiosa Sm.	2		1																		
	flavescens Morg.	1		1																		
	gracilenta (Krombh.)Wasser	0	Y	7										X								
	naucina (Fr.)Kum.	3	Y	25																		
	petasiformis Murr.	1	Y	1																		
	phaeosticta Morg.	1		3																		
	procera (Scop.:Fr.)Gray	6	Y	33													X					X
	pulcherrima Graf ss Kauff.	1		2																		
	rhacodes (Vitt.)Quel.	2	Y	11																		
	rhacodes v hortensis Pilat	1	Y	1																		
	rubrotincta Pk.	4	Y	15																		
	sp.	4	Y	6																		
Melanophyllum	echinatum (Fr.)Sing.	3	Y	5																		
Amanita	abrupta Pk.	0	Y	8																		
	aestivalis Sing.:Sing.	0		1																		
	albocreata (Atk.)Gilb.	1	Y	2																		
	atkinsoniana Coker	0	Y	4																		
	bisporigera Atk.	1	Y	38																		
	brunnescens v brunnescens Atk.	6	Y	70					X													X
	brunnescens v pallida Krieger	0	Y	26																		
	ceciliae (Berk.& Br.)Bas	3	Y	56				X				X										
	chlorinosma (Pk.)Lloyd	3	Y	3																		
	cinereoconia Atk.	1	Y	1																		
	citrina f lavendula (Coker)Vesely	0	Y	6																	X	
	citrina v citrina (Schff.)Pers.	9	Y	117								X								X		
	cokeri (Gilb.& Kuehn.)Gilb.	4	Y	18					X													
	crenulata Pk.	0	Y	51																X	X	
	cylindrispora Beards.	0	Y	2																		
	daucipes (Mont.)Lloyd	1	Y	20											X							
	dulciarii Tulloss	1		3																		
	excelsa (Fr.)Bertil.	0	Y	3																		
	farinosa Schw.	1	Y	5																		
	flavoconia Atk.	11	Y	116				X	X													
	flavorubescens Atk.	7	Y	64																		
	frostiana (Pk.)Sacc.	1	Y	3																		
	fulva (Schff.)Seyot	6	Y	110					X											X		
	gemmata (Fr.)Bertil.	5		25																		
	jacksonii Pomerl.	1	Y	2																		
	longipes Bas:Tulloss & Jenkins	0	Y	10																		
	magnivelaris	0	Y	1																		
	morrisii	0		3																		
	muscaria v alba Pk.	1		1																		
	muscaria v formosa Pers.:Fr.	6	Y	78																	X	

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
Thelephora	multipartita Schw.	2		1																		
	palmata Scop.:Fr.	2	Y	6						X												
	sp.	0	Y	1																		
	terrestris Ehrh.:Fr.	4	Y	16																	X	
	anthocephala (Bull.) Fr	0		0												X						
	vialis Schw.	2	Y	13																		
Tomentella	pilosa (Burt) Bourdot & Galzin	0		0								X										
	terrestris (Berk.& Br.)Larsen	1		2																		
Exidia	glandulosa Bull.:Fr.	3	Y	9																		
	nucleata (Schw.:Fr.)Burt	0	Y	1																		
	recisa (Ditmar:Gray)Fr.	5	Y	16	X												X					
Pseudohydnum	gelatinosum (Scop.:Fr.)Karst.	2	Y	6																		
Sebacina	incrustans (Pers.:Fr.)Tul.	1	Y	5																		
	sp.	0	Y	1																		
Tremellodendron	candidum (Fr.)Atk.	0		1																		
	merismatoides (Schw.)Burt	1		2																		
	pallidum (Schw.)Burt	2	Y	68					X	X	X	X										
Syzygospora	mycetophila (Pk.)Ginns	0	Y	4																		
Tremella	concrescens (Fr.)Burt	0	Y	3																		
	foliacea Pers.:Fr.	0	Y	23																		
	mesenterica Retz.:Hook.	4	Y	64	X								X						X			X
	reticulata (Berk.)Farlow	1	Y	6																		
Calostoma	cinnabarina Desv.	5	Y	44					X													
	lutescens (Schw.)Burnap	0	Y	1																		
Gymnosporangium	juniperi-virginianae Schw.	0	Y	7																		
Puccinia	mariae-wilsoni	0		1																		
	podophylli Schw.	0	Y	14	X																	X
Exobasidium	vaccinii (Fkl.)Woronin	0		1																		
Eocronartium	muscicola (Pers.)Fitz.	0	Y	5																		X
Ustilago	maydis (DC.)Corda	0	Y	1																		
Ascomycota																						
Phaeocalicium	polyporaeum (Nyl.)Tibell	1	Y	14																		
Diatrype	stigma (Hoffm.:Fr.)Fr.	2	Y	4							X											
Scorias	spongiosa (Schw.:Fr.)Fr.	0	Y	5																		
Apiosporina	morbosa (Schw.:Fr.)Arx	2	Y	23																		
Elaphomyces	granulatus Fr.	1		1																		
Chlorosplenium	chlora (Schw.:Fr.)Curt.in Sprague	2	Y	5																		
	versiforme (Pers.:Fr.)DeNot.	0		5																		
Mollisia	cinerea (Batsch:Mer.)Karst.	1		14																		X
	melaleuca (Fr.)Sacc.	0		3																		X
	microcarpa (Fuckel)Sacc.	0		0			X															X
Tapesia	fusca (Pers.:Mer.)Fkl.	4		7																		
Cudonia	lutea	1	Y	1																		
Geoglossum	difforme Fr.	0		3																		
	fallax Durand	2		1																		
	glabrum Pers.:Fr.	0		2																		
	simile Pk.	2	Y	2																		
Microglossum	rufum (Schw.)Underw.	1	Y	5																		
	viride (Pers.:Fr.)Gill.	1		1																		
Spathularia	flavida Pers.:Fr.	1	Y	0																		
Trichoglossum	farlowii (Cke.)Durand	0		1																		
	hirsutum (Pers.:Fr.)Boud.	0	Y	27																		
	octopartitum Mains	0		2																		
	velutipes (Pk.)Durand	0		1																		
Ascocoryne	cylichnium (Tul.)Korf	3		9																		X
	sarcoides (Jacq.:Gray)Groves& Wilson	2	Y	5																		
Bisporella	citrina (Batsch:Fr.)Korf & Carp.	3	Y	64																		X
Bulgaria	inquinans (Pers.:Fr.)Fr.	2	Y	9												X						
Calycina	macrospora (Pk.)Seaver	1		4																		
Chlorociboria	aeruginascens (Nyl.)Kan.:Ram.,Korf&Batra	3	Y	52			X		X	X			X			X						
Hymenoscyphus	epiphyllus (Pers.:Fr.)Rehm:Kauff.	0		1																		
	fructigenus (Bull.)Phill.	0	Y	1																		
Leotia	atrovirens Pers.	0	Y	4																		
	lubrica Pers.	8	Y	65				X	X													
	viscosa Fr.	1	Y	7																		
Dasyscyphus	niveus (Hedw.:Fr.)Sacc.	0		1																		
	virgineus (Batsch:Fr.)Gray	0		7																		X
Orbilia	auricolor (A. Bloxam ex Berk.) Sacc.	0		0																		X
	coccinella (Somm.)Fr.	0		3																		
	curvatispora Boud.	0		1																		
	delicatula (P. Karst.) P. Karst.	0		0																		X
	xanthostigma (Fr.)Fr.	2	Y	7																		
Ciboria	peckiana (Cke.)Korf	0	Y	1																		
Mitrula	paludosa Fr.	1	Y	1																		
Vibrissea	truncorum Alb.& Schw.:Fr.	1	Y	0																		
Cordyceps	canadensis Ellis & Ev.	0		1																		
	capitata (Holmsk.:Fr.)Link	0	Y	6																		

Genus	Species	Hrb	Sld	81-04	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15	F16	F17	F18
	militaris (L.:St.Am.)Link	2	Y	0																		
	ophioglossoides (Fr.)Link	1	Y	3																		
	variabilis Patch	0	Y	0																		X
Creopus	gelatinosus (Tode:Fr.)Link	0	Y	23						X												X
Hypocrea	avellanea	0		1																		
	citrina (Pers.:Fr.)Fr.	1	Y	2									X									
Hypomyces	aurantius (Pers.:Fr.)Tul.	0		1							X											
	chrysospermus Tul.	0	Y	55				X	X		X		X		X							
	hyalinus (Schw.:Fr.)Tul.	1	Y	39					X	X												
	lactifluorum (Schw.:Fr.)Tul.	1	Y	12			X															
	luteovirens (Fr.)Tul.	3	Y	27					X													
	torminosus (Mont.)Tul.	0		1																		
Nectria	cinnabarina (Tode:Fr.)Fr.	1	Y	1																		
	coccinea (Pers.:Fr.)Fr.	1		1																		
	episphaeria (Tode:Fr.)Fr.	1		2																		
Podostroma	alutaceum	0	Y	1																		
Neolecta	irregularis (Pk.)Korf & Rog.	1	Y	1																		
Discina	leucoxantha Bres.	0		1																		
	perlata (Fr.)Fr.	2	Y	2																		
Gyromitra	fastigiata (Krombh.)Rehm	4	Y	2																		
	korfii (Rait.)Harmaja	6	Y	8	X																	
Helvella	acetabulum (L.:St.Am.)Quel.	0	Y	4																		
	crispa Scop.:Fr.	3	Y	15																		
	elastica Bull.:St.Am.	3	Y	2																		
	griseoalba Weber	3	Y	4																		
	lacunosa Afz.:Fr.	2	Y	6																		
	macropus (Pers.:Fr.)Karst.	3	Y	18																		
	pezizoides Afz.:Fr.	3		2																		
	sp	0		1																		
	queletii Bres.	0		1																		
Morchella	angusticeps Pk.	0		1																		
	crassipes Pers.:Fr.	0	Y	4																		
	deliciosa Fr.	0	Y	15																		
	elata Fr.	3	Y	8																		
	esculenta Pers.:St.Am.	3	Y	20	X																	
	semilibera DC.:Fr.	4	Y	20	X																	
	sp.	1	Y	11																		
Verpa	conica Swartz:Pers.	2	Y	10																		
Aleuria	aurantia (Fr.)Fkl.	1	Y	11																		
Humaria	hemisphaerica (Wigg.:Fr.)Fkl.	0	Y	12																		
Otidea	grandis (Pers.)Rehm	3		7																		
	leporina (Batsch:Fr.)Fkl.	0		3																		
	onotica (Pers.:Fr.)Fkl.	0	Y	3																		
Scutellinia	scutellata (L.:St.Am.)Lamb.	3	Y	81			X		X	X	X											X
	setosa (Nees:Fr.)Kunt.	1		1																		
	umbrarum (Fr.)Lamb.	0		3																		
Tarzetta	catinus (Holmsk.:Fr.)Korf & Rog.	1		1																		
	cupularis (L.:Fr.)Lamb.	1	Y	1																		
Pachyella	clypeata (Schw.)LeGal	1		0																		
Peziza	badia Pers.:Mer.	1	Y	2																		
	cerea Sow.:Fr.	0		1																		
	domiciliana Cke.	0		1																		
	griseorosea Gerard	0		1																		
	phyllogena Cke.	4	Y	13																		
	praetervisa Bres.	0		1																		
	proteana (Boud.)Seaver	1	Y	1																		
	repanda Pers.	4	Y	15																		X
	sp.	0	Y	1																		
	succosa Berk.	0		4					X													
Microstoma	floccosa (Schw.)Rait.	2	Y	7																		
Sarcoscypha	coccinea (Scop.:Fr.)Lamb.	2	Y	4					X													
	occidentalis (Sow.)Sacc.	6	Y	49						X												X
Galiella	rufa (Schw.)Nannf.& Korf	0	Y	46					X													
Urnula	craterium (Schw.)Fr.	2	Y	5																		
Wynnea	americana Thax.	2	Y	0																		
Rhytisma	acerinum (Pers.:St.Am.)Fr.	0	Y	3																		
Camarops	petersii (Berk.& Curt.)Nannf.	3	Y	13																		
Lasiosphaeria	ovina (Pers.:Fr.)Ces.& DeNot.	1	Y	3																		
Taphrina	caerulescens (Desm.& Mont.)Tul.	0		1																		
Daldinia	concentrica (Bolt.:Fr.)Ces.& DeNot.	3	Y	56			X		X		X									X		X
Hypoxylon	atropunctatum (Schw.:Fr.)Cke.	1		2																		
	cohaerens (Pers.:Fr.)Fr.	1		1																		
	confluens (Tode:Fr.)West.	0		1																		
	deustum (Hoffm.:Fr.)Grev.	3	Y	5																		
	fragiforme (Scop.:Fr.)Kickx	0	Y	27																		
	fuscum (Pers.:Fr.)Fr.	1		1																		
	howeianum Pk.	1		3																		

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	nummularium v merrillii (Bres.)J.H.Miller	1		1																		
	rubiginosum (Pers.:Fr.)Fr.	1		2																		
	sassafras (Schw.:Fr.)Curt.	1		1																		
Xylaria	acuta Pk.	1		1																		
	cornu-damae (Schw.)Fr.	2	Y	12																		
	hypoxylon (L.:Hook.)Grev.	4	Y	17											X		X					X
	longipes (Nitschke)Dennis	2		9			X		X													
	persicaria (Schw.:Fr.)Berk.& Curt.	0		2																		
	polymorpha (Pers.:Fr.)Grev.	8	Y	62							X									X		X
	sp.	1	Y	9																		
Mitosporicfungi																						
Pleurocolla	compressa (Ellis & Ev.)Diehl	0		2																		X
Myxomycota		0																				
Cribraria	aurantiaca Schrad.	0		1																		
	intricata Schrad.	0		7																		
	martinii Nan.-Brem.	0		1																		
	microcarpa (Schrad.) Pers.	0		0																		X
	purpurea Schrad.	0		1																		
Dictydium	cancellatum (Batsch)Macbr.	0		9																		
Lindbladia	tubulina Fr.	0		1																		
Enteridium	splendens (Morg.)Macbr.	0		3																		X
Lycogala	epidendrum (L.)Fr.	0	Y	133			X	X		X						X				X	X	X
	exiguum Morg.	0		5																		
	flavofuscum (Ehrenb.)Rostaf.	0	Y	1												X						
Reticularia	lycoperdon Bull.	0	Y	1																		
Tubifera	ferruginosa (Batsch)Gmel.	0	Y	33					X	X						X						
Diderma	effusum (Schw.)Morg.	0		1																		X
	globosum Pers.	0		1																		
Didymium	iridis (Ditmar)Fr.	0		1																		
	melanospermum (Pers.)Macbr.	0		1																		
	nigripes	0		1																		
Craterium	sp	0		1																		
Fuligo	septica (L.)Wigg.	0	Y	49						X	X						X					
Leocarpus	fragilis (Dicks.)Rostaf.	0	Y	2																		
Physarum	confertum Macbr.	0		1																		
	flavicomum Berk.	0		2																		
	globuliferum (Bull.)Pers.	0		1																		
	luteolum Pk.	0		1																		
	nutans Pers.	0		4																		
	polycephalum Schw.	0		2																		
	tenerum Rex	0		1																		
	virescens Ditmar	0		1																		
	viride (Bull.)Pers.	0		7																		X
Brefeldia	maxima (Fr.)Rostaf.	0	Y	1																		
Comatrichia	aequalis Pk.	0		2																		
	elegans (Racib.)G.Lister	0		1																		
	pulchella (C.Bab.)Rostaf.	0	Y	1																		
	typhoides (Bull.)Rostaf.	0		8																		
Clastoderma	debaryanum A. Blytt	0		0																		X
Stemonitis	axifera (Bull.)Macbr.	3	Y	24			X															X
	flavogenita Jahn	0		2																		
	fusca Roth	2		21																		X
	herbatica Pk.	1		1																		
	hyperopta Meylan	0		1																		
	smithii Macbr.	0		1																		
	sp.	0	Y	7																		
	splendens Rostaf.	1	Y	12																		
Arcyria	cinerea (Bull.)Pers.	0	Y	27			X															X
	denudata (L.)Wett.	0	Y	23																		X
	incarnata (Pers.)Pers.	0		5			X															X
	insignis Kalchb.& Cke.	0		3																		
	nutans (Bull.)Grev.	0		7																		
	pomiformis (Leers)Rostaf.	0		2																		
Hemitrichia	abietina (Wigand)G.Lister	0		2																		
	calyculata (Speg.)Farr	0		16			X										X					X
	clavata (Pers.)Rostaf.	0		8																		X
	serpula (Scop.)Rostaf.	0	Y	7																		X
	sp	0		1																		
Metatrichia	vesparium (Batsch)Nan.-Brem.	1	Y	13																		X
Perichaena	depressa Libert	0		1																		
Trichia	favoginea (Batsch)Pers.	0		2																		X
	floriformis (Schw.)Lister	0		1																		
	scabra Rostaf.	0		2																		
	varia	0		2																		X
Ceratiomyxa	fruticulosa (Muell.)Macbr.	0	Y	59				X		X												X
	fruticulosa v porioides (Alb.& Schw.)Lister	0	Y	23												X						

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