

The Boletus

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Website - <http://gsmyco.org>

David P. Lewis, President; W. David Fuller, Vice President;
Patricia Lewis, Secretary/Treasurer/Editor; Juan Luis Mata, Webmaster;
Clark Overbo & Juan Luis Mata, Co-Scientific Advisors.

2012 MEMBERSHIP DUES

IF YOUR NAME ON THE MAILING LABEL IS HIGHLIGHTED IN YELLOW AND THE YEAR AFTER YOUR NAME IS '11, THIS IS THE LAST ITEM YOU WILL RECEIVE FROM US, AS YOUR DUES ARE PAST DUE. PLEASE MAIL YOUR CHECK PAYABLE TO "GSMS" IN THE AMOUNT OF \$15 - SINGLE OR \$20 - FAMILY TO GSMS, 262 CR 3062, NEWTON, TX 75966. IF YOU WISH TO PAY YOUR NAMA DUES AT THE REDUCED RATE OF \$32, INCLUDE A SEPARATE CHECK PAYABLE TO "NAMA" IN THE SAME ENVELOPE. A MEMBERSHIP APPLICATION WAS ENCLOSED WITH THE APRIL NEWSLETTER.

BIG THICKET MUSHROOM WALK IN TEXAS **SATURDAY NOVEMBER 10, 2012**

We will not cancel this Walk.

We will meet at 10 AM at the Big Thicket National Preserve (BTNP) Field Research Station (FRS), located in Saratoga TX, on the west side of the highway. Saratoga is approx. 35 miles NW of Beaumont. The FRS is on FM 770, north off TX Hwy 105 between Beaumont and Cleveland. We will foray into the Lance Rosier Unit of the BTNP, collect and record species, and thereby assist with the All Taxa Biodiversity Inventory (ATBI) species list for the BTNP.

After collecting, we will return to the FRS, have lunch, and discuss the morning's finds. Bring collecting gear, rainwear, water, bug spray, and a sack lunch. Please call or email with any questions: David & Patricia Lewis 409-423-3776 or email: [dandplewis \(at\) gmail.com](mailto:dandplewis@gmail.com)

GSMS WINTER FORAY NOV 30-DEC 3 **CAMP HARDTNER** **POLLACK LOUISIANA**

This year we will go to a new location, an Episcopal Church Camp near Alexandria, LA.

Guest mycologists are Alan and Arleen Bessette, of St. Marys, Georgia. Alan will present on "The Evolving Concept of Boletes; Redefining the Known". Arleen will work with beginners wanting extra instruction. Alan and Arleen are well known in mycological circles and are the authors of several identification and cook books.

We have invited Taylor Lockwood to stop by on his way east from his west-coast tour. If he does, he will enliven the meeting with his CD "The Holey Veil" about his travels to Asia, as he did at our Summer Foray in Florida.

We will arrive on Friday Nov. 30. There is no set check-in time; we are the only group there. We plan to have the registration table set up in the Henton Hall by 3 PM. All activities will be in Henton Hall except meals, which will be in the Dining Hall. We will have self-serve chicken and sausage gumbo with rice and potato salad for dinner on Friday beginning at 6PM, with a social afterward.

Lodging will be in the Holy Day Inn near our meeting room. There are only 20 rooms; each has two twin beds, night stand, chest, and desk w/bookcase. There is also one room with one twin bed. There are no telephones or TVs. When these rooms are filled, registration will be closed. If you are not happy with twin beds, feel free to push them together. This is the only bed size on the property. All linens and towels are provided. Rates are \$50 for one person alone (single) or \$65 for two persons in the same room (double). There are 10 rooms on the outer side of the Inn and 11 on the inner side. Your name will be on the door of your assigned room, the key will be inside on the desk, and you should leave the key where you found it, when you depart.

See the registration form for the times that the meals will be served in the Dining Hall. The food line will be set up, served for 15 minutes, and closed. So be sure to be on time for meals, or you may miss out.

After breakfast on Saturday at 7:30, we will depart from the parking lot to foray either on the Camp's 160 acres or in the Kisatchie National Forest nearby. Lunch will be served at 12:00 noon. Presort will be on the porches of Henton Hall, and displays and presentations will be in Henton Hall. Dinner will be served at 6:00. Afterward, we will return to Henton Hall for presentations followed by a social. Sunday morning breakfast will be served at 7:30, the walk-around-the tables will be held at 9:00. After clean-up we can all be on our way, at our leisure.

A map of directions to the site is printed on a page in this newsletter. If coming from the north on Hwy 165, DO NOT turn left at the first "Camp Hardtner" sign you see, at the junction with LA 123. Go 3.3 miles further and turn left at the junction with LA 524.

From the south, turn right at the first "Camp Hardtner" sign, go ½ mile to "Hunt Forest Products" and turn left, continue on and bear left at a Y. The route is well marked with "Camp Hardtner" signs. From Hwy 165 to the Camp is approximately 3 miles.

As you enter the camp, notice the large Dining Hall and Chapel on the right. Proceed about ½ block, go left to enter the parking lot between the manager's residence and the meeting area, including the Holy Day Inn, Henton Hall and a small house. Come to Henton Hall for registration and information.

Deadline for registration is November 23, and a form is enclosed.

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NAMA 2012 FORAY- December 13 -16

Larry Stickney Memorial Foray, Mission Springs Conference Center, Scotts Valley (near Santa Cruz) CA. Chief Mycologist-Else Vellinga, special Guest Mycologist-David Arora. For more details and a registration form, go to the NAMA website <http://namyco.org>

THE NAMA ENDOWMENT FUND

The NAMA Endowment fund was began to generate scholarship support for deserving mycology students, and the goal is to be able to provide \$2,000 yearly. NAMA is accepting pledges and checks payable to NAMA with "Endowment Fund" noted at the bottom. Mail any contributions to Herbert Pohl, NAMA Treasurer, 5 Oak Grove Rd, Flemington NJ 08822-5903

BIG THICKET MUSHROOM WALK IN TEXAS
SATURDAY JUNE 9, 2012

We met at the Big Thicket National Preserve (BTNP) Field Research Station (FRS), located in Saratoga TX. The species list from the Lance Rosier Unit follows. We collected only 38 common species, because of the drought. The walk was attended by 35 persons, including members Carl Davis, Christopher & Lydia Finger, David & Patricia Lewis, Jay Justice, Tony Rosenbaum & Leilani Steward, John Soileau, and Brooks Young.

BTNP Mushroom Walk Species List

- Amanita bisporigera* Atkinson
- Amanita roseitincta* Murrill
- Amanita vaginata* complex
- Anthraco-phyl-lum lateritium* (Burk. & Curt.) Sing.
- Auricularia auricula* (Hooker) Underwood
- Boletus subglabripes* Pk.
- Cantharellus minor* Pk.
- Coprinus miaceus*
- Crepidotus species*
- Dacrymyces palmatus* (Schw.) Bres.
- Exidia recisa* (Ditmar.) Fr.
- Ganoderma lucidum* Leysser: Fr.
- Gloeophyllum sepiarium* (Wulfen: Fr.) Karst.
- Gymnopus spongiosus* (B&C) Halling
- Gymnopus subnudus* (Ellis ex Pk.) Halling
- Lactarius neotabidus* A.H. Smith
- Lactarius volemus* var. *volemus* (Fr.) Fr.
- Lentinellus species*
- Lentinus crinitus* (L:Fr.) Fr.
- Lentinus trigrinus* (Bull.) Fr.
- Marasmius brevipes* B & Rav.
- Microporellus obovatus* (Jungh) Ryv.
- Nigroporus vinosus* (Berk.) Murrill
- Phellinus gilvus* (Schw.) Pat.
- Pluteus cervinus* (Schaeff.: Fr.) Kummer
- Polyporus arcularius* (Batsch) Fr.
- Polyporus tenuiculus* (P. Beauv.) Fr.
- Polyporus species*
- Psathyrella species*

Pseudomerulius curtisii
Russula flavida Frost
Stereum ostrea (Blume & Nees.) Fr.
Stereum rameale (Schwein.) Burt
Trametes menziesii (Berk.) Ryvarden
Trichaptum abietinus (Fr.) Ryv.
Trichaptum bifforme (Fr. in Kl.) Ryv.
Xanthoconium affine var. *maculosus* Singer
Xylaria species

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GSMS SUMMER FORAY JULY 6-8, 2012

WILDWOOD RESORT

CRAWFORDVILLE, FLORIDA

Tropical Storm Debbie dumped 26 inches of rain on the Tallahassee area, which set the pace for the foray.

The pre-foray on Thursday included nine hardy souls who braved flooded forests and streams to visit the sand hills, including the type location of *Boletus abruptibulbus* where it was found, at Alligator Point.

For the Saturday Foray, we formed into three groups. David Borland led a group to Bear Creek, Jay Justice and Juan Luis Mata led their group to Lost Lake, and David Lewis led his group to the Boneyard, and then to Ochlockonee Bay Boat Ramp, where the mosquitos were tamer.

Collecting was excellent and approx. 94 species were identified, including a large variety of boletes, whose identification was facilitated by Alan Bessette, one of the authors of "Boletes of North America".

To everyone's delight, a large *Macrocybe* titans was brought in by Steve Gunter from New Smyrna Beach, FL. Not to be outdone, Jay Young from Tallahassee found a mammoth one 80 cm across, collected on a lawn in the city.

Interesting species include the massive *Macrocybe* titans, *Boletus abruptibulbus* described by Bill Roody from Alligator Point, FL, and *Tylopilus williamsii*, named for Robert Williams from Sarasota, FL.

At our business meeting on Saturday afternoon, our current slate of officers were re-elected for the coming year, and approval was

given for our Winter Foray to be held at a church camp near Alexandria, Louisiana.

Taylor Lockwood surprised us with a preview of his latest movie CD "In Search of the Holy Veil", about his adventures in SE Asia.

Greg Mueller spoke on "Fungal Conservation and the Importance of the Gulf States Mycobiota and the Mycologist". First he discussed some fungal biology and the potential number of species of fungi. Then he discussed rare and endangered fungi, mentioning several unique Gulf Coast mushrooms.

Juan Mata's student, Robert Breedlove, was our hosted student this summer. Robert presented on "The Taxonomic and Molecular Studies on the Genus *Amanita* in Mobile, Alabama". His collections were made at the Environmental Studies Center and he commented on 13 specimens of *Amanita* for DNA analysis. He is currently analyzing the data to build a phylogenetic tree and see how those species are genetically related.

Noah Siegel gave us a preview of NAMA 2012 to be held in Scotts Valley, CA. It will be held at the Mission Springs Conference Center, December 13 – 16.

At the walk-around-the tables on Sunday morning, mycologists Bessette, Justice, Lewis and Mata explained to members about the various fungi found.

We provided a pulled pork sandwich dinner on Friday, with desserts and other dishes brought by members. Friday and Saturday breakfasts and Saturday dinner were catered by the restaurant at the hotel. Our Mycophagy Chairs, Phillip & Alexandra Tussing, arranged for the caterers to prepare the chanterelles found, and they were included with our dinner. All the food was excellent.

We want to thank David Borland and Bill Petty for arranging the field trips and obtaining collecting permits. Bill Petty and his daughter April attended the Saturday evening dinner and

program, after caring for an ill Ann Petty. Our hearts go out to Bill and Ann and we wish her well.

We also want to thank Ann and Steve Gunter for helping with supplies and food, and everyone who contributed to the success of the foray.

Attending were members David Borland, Christopher, Lydia, & Mavis Finger, Nancy Gilmore, Steve & Ann Gunter, Steve Harsch, Bruce Horn, Jay & Marcia Justice, Joe & Carol Kanapka, Richard & Joanne Kneal, David & Patricia Lewis, Taylor Lockwood, Therese Martin, Juan Luis Mata, Julia O'Neal, Bill Petty, Ben Rauch, Al & Linda Schotz, Lelani Steward & Tony Rosenbaum, Odin Toness, Phillip & Alexandra Tussing, Robert & Rosemary Williams and Jay Young. Non-members attending were Alan & Arleen Bessette, Robert Breedlove, Joanne Mendez, Greg Mueller & Betty Strack and Noah Siegel & Alissa Allen.

Species List Summer Foray

Agaricus auricolor Krieger
Agaricus haemorrhoidarius Schulz. apud Kalchb.
Agaricus pocillator Murr.
Amanita arkansana H.R. Rosen
Amanita bisporigera Atkinson
Amanita farinosa Schw.
Amanita flavoconia Atkinson
Amanita cf. gemmata (Fr.) Gill
Amanita jacksonii Pomeri
Amanita longipes Bas ex Tulloss & Jenkins
Amanita rubescens (Pers.: Fr.) S.F. Gray
Amanita spreta Pk.
Amanita subsolitaria (Murr.) Murr.
Astraeus hygrometricus (Pers.) Morgan
Boletus abruptibulbus Roody, Both & B. Ortiz
Boletus aureissimus (Murr.) Murr.
Boletus auriporus Pk.
Boletus bicolor Pk.
Boletus floridanus (Singer) Singer
Boletus griseus Frost apud Pk.
Boletus illudens Pk.
Boletus ornatipes Pk.
Boletus rubricitrinus (Murr.) Murrill
Boletus cf. spadiceus Fr.
Boletus subglabripes Pk.
Buchwaldoboletus hemichrysus (Berk. & M.A. Curtis) Pilat
Callistosporium luteo-olivaceum (Berk. & Curt.) Singer
Cantharellus lateritius (Berk.) Singer

Cantharellus tenuithrix Buyck & V. Hofst.
Clitocybe gibba (Pers.) P. Kumm.
Cymatoderma caperatum (Mont. & Berk.) Reid
Ganoderma curtisii (Berk.) Murrill
Geastrum saccatum Fr.
Gymnopus iocephalus (Berk. & Curtis) Halling
Gymnopus spongiosus (B&C) Halling
Gymnopus subnudus (Ellis ex Pk.) Halling
Gyroporus castaneus (Bull.: Fr.) Quel.
Hygroporus acutoconicus (Clem.) A.H. Smith
Hypholoma fasciculare (Fr.) P. Kumm.
Lactarius caeruleitinctus Murrill
Lactarius corrugis Pk.
Lactarius deceptivus Pk.
Lactarius glaucescens Crossland
Lactarius hygrophoroides Berk. & Curt.
Lactarius peckii var. *glaucescens* Hesler & Smith
Lactarius subvernalis var. *cokeri* Smith & Hesler
Lactarius volemus var. *volemus* (Fr.) Fr.
Lactarius volemus var. *flavus* Hesler & Smith
Leccinum chalybaeum Sing.
Leccinum rugosiceps (Pk.) Sing.
Lentinellus ursinus (Fr.) Kuhner
Lentinula raphanica (Murr.) Mata & R.H. Petersen
Lentinus crinitus (L.:Fr.) Fr.
Leucocoprinus cepistipes (Sow.) Pat.
Macrocybe titans (H.E. Bigelow & Kimbr.) Pegler, Lodge & Nakasone
Marasmius cohaerens (Alb. & Schwein.) Cooke & Quel.
Microporellus obovatus (Jungh) Ryv.
Mutinus elegans (Mont.) Fisch.
Oudemansiella canarii (Jungh.) von Hohel
Panellus pusillus (Pers.: Lev.) Burd. & O.K.M.
Paxillus panuoides (Fr.: Fr.) Fr.
Phaeolus schweinitzii (Fr.) Pat.
Phellinus gilvus (Schw.) Pat.
Phylloporus boletinoides Thiers & Smith
Phylloporus leucomyelinus Singer
Phylloporus rhodoxanthus (Schw.) Bres.
Pleurotus pulmonaris (Fr.) Quel.
Pseudofavolus cucullatus (Mont.) Pat.
Rhodocybe mundula (Lasch) Singer
Ripartitella braziliensis (Speg.) Singer
Russula albida Pk.
Russula compacta Frost
Russula modesta Pk.
Russula variata Banning & Pk.
Schizopora paradoxa (Fr.) Donk
Stereum ostrea (Blume & Nees.) Fr.
Stereum rameale (Schwein.) Burt
Strobilomyces confusus Sing.
Strobilomyces floccopus (Vahl:Fr.) Karst.
Trametes elegans (Spreng.: Fr.) Fr.
Trametes menziesii (Berk.) Ryvar den
Trichaptum abietinus (Fr.) Ryv.

Tylopilus griseocarneus Wolfe & Halling
Tylopilus plumbeoviolaceus (Snell & Dick) Sing.
Tylopilus rhoadsiae (Murr.) Murrill
Tylopilus rubobrunneus Mazzer & A. H. Smith
Tylopilus variobrunneus W.C. Roody, A.R. Bessette
 & A.E. Bessette
Tylopilus violatinctus Baroni and Both
Tylopilus williamsii Singer and Garcia
Xanthoconium affine var. *affine* (Pk.) Singer

CROSBY ARBORETUM MUSHROOM WALK
PICAYUNE, MS
SEPTEMBER 8, 2012

On Saturday 8th of September Dr. Juan Luis Mata lead the annual Mushroom Walk at the Crosby Arboretum, Picayune, MS. Dr. Mata gave a brief introduction to the Kingdom Fungi and how to collect mushrooms, and had people go on their own to collect in the woods and bring mushrooms back to be sorted and identified. Finally, Dr. Mata expanded concepts on those mushrooms displayed. The activity began at 10 AM and continued well-past its ending time of 11:30 AM. At least 26 species were collected; some were contributed by an enthusiast from nearby St Francisville. The species list below only includes species reported from the Arboretum. Fifty people attended, including GSMS members Nancy & Edmund Gilmore, Stephen Harsch, Julia O'Neal, and Tony Rosenbaum & Leilani Steward.

Species for Crosby Arboretum Sept. 8, 2012

Boletus species
Cantharellus cibarius Fr.
Fomes species
Ganoderma lucidum Leysser: Fr.
Gymnopilus liquiritiae (Pers: Fr.) Karst.
Gymnopus species
Hypomyces chrysospermus
Lycoperdon species
Marasmiellus species
Myxomycete species (unknown)
Phaeolus schweinitzii (Fr.) Pat.
Polyporus species (unknown)
Psathyrella species
Stereum complicatum (Fr.) Fr.
Stereum ostrea (Blume & Nees.) Fr.
Strobilomyces confusus Sing.
Trametes species
Trametes versicolor (L.: Fr.) Pilat
Trichaptum bifforme (Fr. in Kl.) Ryv.
Tricholomopsis decora (Fr.) Sing.

Xeromphalina species

**Recipe for Flake Crab-Flavored Meat
 With *Amanita jacksonii* or *Amanita
 arkansana***

I have always thought that these amanitas have a metallic taste if cooked without leeks or onions, and sometime have it even if they are cooked with leeks or onions. But we happened to have a few of these species and a package of the imitation crab meat, and I decided to try them together.

I put 2 T. butter (oleo is OK too) in the skillet, let it melt, added the crab meat, stirred for a minute to heat, added the chopped amanitas, stirred for a minute or two to lightly sauté them, and tried them for flavor.

They were wonderful, no metallic taste at all. It seems the mushrooms had absorbed the sweetness of the crab flavor, and with the butter too, they were great! This would probably be good also with real lump crab meat, but I had none at the time. I will be certain to prepare them this way again.

Always be certain of your identification, especially when eating amanitas. Remember, when in doubt, don't.

This is the first recipe that I have added to a newsletter that I have tried for myself, and I wanted to share it with you.
 Patricia Lewis

