

The Boletus

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Website - <http://gsmmyco.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.

2011 MEMBERSHIP DUES

IF THE YEAR AT THE END OF YOUR NAME IS EARLIER THAN '11, YOUR DUES ARE DUE. A MEMBERSHIP APPLICATION IS ATTACHED, PLEASE COMPLETE IT AND MAIL WITH YOUR CHECK. WE ARE REQUIRED TO PURGE MEMBERS WHO HAVE NOT PAID DUES BY JUNE OF EACH YEAR. PLEASE MAIL NOW. THANKS.

OUR WEBSITE

Juan Luis Mata is our new webmaster. He is working diligently to give our site a new look, so please be patient and we will be rewarded soon. Our thanks to Steve Harsch for many years of work as our Editor and Webmaster.

A MEMBER LIST IS ATTACHED. IT IS ONLY FOR MEMBERS WHO WISH TO CONTACT OTHER MEMBERS. DO NOT DISTRIBUTE FOR MARKETING OR OTHER PURPOSES.

MOREL WALK IN TUNICA HILLS ST FRANCISVILLE LA (TBD March 2011)

The date of the morel walk will be decided later this year. After years of finding few morels on the pre-determined date, our vice president, David Fuller, has decided to check the morel spots every day or two beginning early in March to see if morels are fruiting. When fruiting begins, we will email members to let them know the date to meet David for the walk. The meeting place and foray sites should be the same as in prior years.

David reports that camping is now allowed in the Tunica Hills WMA, for those who may be interested. You may telephone David with questions on his cell phone 225-721-0409. It may take a few days but he will get back with you.

The Tunica WMA is a beautiful and rugged area of loessal bluffs with an Upland Hardwood habitat located about 20 miles by road NW of

St. Francisville, LA. Those attending will have to possess either a valid LA hunting or fishing license or a WMA use permit. These must be carried on your person, and because there is a lot of poaching in this area, we will almost certainly be asked to show our permits. The permit may be purchased online from Louisiana Wildlife & Fisheries, or any place selling Hunting/Fishing licenses. Each vehicle will also have to be registered at the self-check station at the WMA entrance. There is a five (5) gallon limit per person per day for mushrooms.

David will request non-GSMS member guests to sign a waiver of liability against GSMS members, because of the many dangers in this area. These dangers include very steep, slick, and unstable slopes, timber and pygmy rattlesnakes, copperheads, water moccasins, Lyme's disease and West Nile Virus. Bears, a rare panther, and feral hogs occasionally visit the area. It is suggested that appropriate footwear, with good ankle support and traction, be worn. People with bee or other allergies should bring appropriate medication. A walking/snake stick is suggested.

St. Francisville is located on Hwy 61, about 60 miles south of Natchez, MS and about 40 miles north of Baton Rouge. St. Francisville can be approached from the south or north by Hwy 61, from the east by LA Hwy 10 or from west by means of the LA Hwy 10 ferry. Those crossing the ferry should allow an extra 30 minutes because the ferry crosses at 30 minute intervals. Those needing better travel directions should email the Fullers at [df13bsf \(at\) yahoo.com](mailto:df13bsf@yahoo.com), telephone them, or go to www.MapQuest.com and search. There are nice motels and Bed & Breakfasts in the area for those wishing to spend the night. Go to www.stfrancisville.com/hotels/index.htm.

We will meet at M&J Grocery on LA Hwy 66, locally known as the "Angola Road". LA Hwy 66 originates at Hwy 61, about three miles north of St. Francisville, and ends at the Angola Prison Farm. LA Hwy 66 is very well marked. M&J's Grocery is located 6.2 miles from the turn onto LA Hwy 66 and is on the left side of the road. David will be there beginning at 8:30 AM and we will all leave for the site at 10:00 AM. M&J's Grocery prepares snacks and sandwiches, and may sell permits and licenses. David's cell phone number is 225-721-0409 for those lost or in trouble. We will end the walk at 4:00 PM. Lunch will be "on the hoof" so that more time can be spent hunting. See you there!
David Fuller

**BIG THICKET/TEXAS MUSHROOM WALK
JUNE 11, 2011**

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 near the Cypress Swamp on Teel Road. We will collect and record species, and thereby assist with the All Taxa Biodiversity Inventory (ATBI) species list for the BTNP. Students from Eastfield College in Mesquite, TX will also be in attendance. 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

**GULF STATES SUMMER FORAY
JULY 8-10, 2011 HILLSDALE MS**

Our summer foray will be held at King's Arrow Ranch Inn, at Hillsdale MS. We will meet on Friday evening for our Shrimp Boil at poolside, followed by field trips and presentations on Saturday, and depart for home on Sunday following the "Walk-around-the-tables". Our guest Mycologist will be Andrew Methven of Eastern Illinois University, Charleston, IL, an expert on the genus *Lactarius*. Andy is well known in mycological circles for his lectures and workshops. The title of his talk will be "Sharing the Same Name: North American and European Species of *Lactarius*". We will host Dr. Methven's graduate student, Gerald (Gerry) Presley, who will present on "Biodegradation of Atrazine by Fungi".

GSMS WINTER FORAY DEC 2 - 4, 2011

The location is TBA (to be announced) but the date should remain as stated.

GSMS SUMMER FORAY JULY 6 - 8, 2012

The Inn at Wildwood, Crawfordville, Florida
Details to follow later.

**GSMS WINTER FORAY
WAKULLA SPRINGS STATE PARK & LODGE,
FLORIDA
DECEMBER 3 - 5, 2010**

Participants were met by a colder than normal winter for the semi-annual GSMS foray held at the Wakulla Springs State Park & Lodge. Despite the

weather (temperatures fell below freezing for several days), collecting was excellent and over 90 species were brought to the table.

Early collecting on Thursday was led by foray chair Bill Petty, with Ron Petersen, and David and Patricia Lewis going to the Arran (Bone Yard) and Lost Lakes areas located within the Apalachicola National Forest.

Friday evening events began with a pot luck dinner. Excellent food was brought by our members, with everything from salads, casseroles and meats to desserts, candy, and wine. During and after dinner, we were entertained by the "Wildwood Weeds", a bluegrass band whose appearance was arranged by Bill Petty. We thank you, Bill, and the band too. Our guest mycologist was Bart Buyck, who is Curator of the Mycological Herbarium at the National Museum of Natural History in Paris, France, and an expert on the genus *Russula*. Bart and his colleague, Valerie Hofstetter, were in the U.S. to visit Gainesville, Florida, where they were studying W.A. Murrill's *Russula* types to bring their taxonomy up to date. Bart offered to make a presentation on Friday evening of a more technical nature than his Saturday night talk, and many members decided to listen in. Bart's topic was "Toward a New Infrageneric Classification of *Russula*". We were all enlightened by his analysis of this very difficult genus.

Saturday began with breakfast in the Lodge dining room, and then we prepared our sack lunches provided by the Society and headed off in several directions for our field trips. Bill Petty and Juan Luis Mata, and David Lewis and Bart Buyck led field trips on the Wakulla Springs State Park nature trails. Ron Petersen and Rich Baird led a field trip to the Bone yard (Arran area), and Bill Roody and Jay Justice led a trip to the Silver Lakes area.

Upon returning from the field trips, everyone displayed the mushrooms found, and the mycologists began to discuss identifications. We were honored to have 15 mycologists attending, and that simplified the process. We thank all of them for their participation. In the afternoon a microscope workshop was conducted by our co-scientific advisor, Juan Luis Mata. We had several new members in attendance who appreciated the opportunity to work with an expert.

After dinner as a group in the dining room in the beautiful Wakulla Springs Lodge, we returned to the Dogwood Room for our evening presentation

and social. Bart Buyck's talk, "Looking for Fungi in Faraway Places", was on collecting mushrooms in places such as Africa and New Caledonia. We were delighted to see such exotic mushrooms from these countries. Bart pointed out that the soils in New Caledonia are high in the metal nickel.

We thank our wonderful musicians Susan Metzler, Bill Petty, Ben Rauch and Peyton Wilson for their entertainment on Saturday afternoon on the patio. It adds another dimension to our events.

On Sunday morning the "Walk-around-the-tables" was conducted by Juan Luis Mata and Jay Justice. They reviewed the species found, discussed the identification characteristics, and answered many questions.

Visiting Texas mycologists and authors, Susan and Van Metzler, attended the foray. They are working on a revised edition of their "Texas Mushrooms" book, and are acquiring new photographs. They passed out an outline of photographic standards, and encouraged everyone to submit mushroom photos for publication. Van brought used books to sell, and contributed a painting "Amanita of my Dreams" for the silent auction.

GSMS thanks Van Metzler, Lyn Tomlinson, and Patricia Lewis for items donated for the silent auction. We thank Norman Anderson, Rich Baird, Steve Gunter, Robert Kelly, Juan Luis Mata, Peyton Wilson, and anyone else who helped unload and reload foray supplies from our camper. Also thanks to everyone who helped with the Friday potluck and Saturday sack lunches and social. Special thanks go to "Our Man in Crawfordville" Foray Chair Bill Petty for obtaining our collecting permits and organizing the field trips.

Members attending were Norman Anderson, Richard Baird, David Borland, Ben & Beth Fusaro, Heinz & Julie Gaylord, Nancy Gilmore, Steve & Ann Gunter, Joe Hawkins, Bruce Horn, Jay Justice, Joe & Carol Kanapka, Robert Kelly, David & Patricia Lewis, Therese Martin, Juan Luis Mata, Donna Mitchell, Julia O'Neal, E J & Gerriane Parker, Bill Petty, Ben Rauch, Bill Roody, Charles Walter, Robert & Rosemary Williams, and Peyton Wilson. Non-members attending were Bart Buyck, Ann Fallon, Anna Gerenday, Valerie Hofstetter, Susan & Van Metzler, and Ron Petersen.

Interesting species collected on Thursday include *Baeospora cf. mysora*, which fruits on pine cones, and *Cortinarius violaceus* and *Laccaria trullisata*,

which fruit in very sandy areas. Interesting species collected on Saturday include *Amanita mutabilis* (bruises pinkish red), *Boletus abruptibulbus*, a new species described by Bill Roody, *Russula levyana*, a Murrill species recently redescribed by Bart Buyck, the rare bolete *Tylophilus conicus*, and a species of *Xylaria* that fruits on the shell of Hickory nuts. It was interesting that 7 species of boletes were found this late in the year. D & P Lewis

SPECIES LIST FOR WINTER FORAY

Amanita bisporigera Atkinson
Amanita citrina var. *lavendula* Coker
Amanita muscaria var. *persicina* Jenkins
Amanita mutabilis Beardslee
Amanita vaginata var. *vaginata* (Bull.: Fr.) Vitt.
Astraeus hygrometricus (Pers.) Morgan
Baeospora myosura (Fr.) Singer
Boletus abruptibulbus Roody, Both & B. Ortiz
Boletus griseus Frost apud Pk.
Boletus subglabripes Pk.
Chroogomphus vinicolor (Pk.) O.K. Miller
Cortinarius aureifolius Pk.
Cortinarius cf. obliquus Pk.
Cortinarius iodes Berk. & Curt.
Cortinarius violaceus (Fr.) S. F. Gray
Cymatoderma caperatum (Mont. & Berk.) Reid
Daedaleopsis confragosa (Bolt.: Fr.) Schroet.
Daldinia concentrica (Bolt: Fr.) Ces. & de Not.
Entoloma abortivum (Berk. & Curt.) Donk
Fomes fasciatus (Swartz:Fries)M.C. Cooke
Geaster species
Gloeporus dichrous (Fr.) Bres.
Gymnopilus liquiritiae (Pers: Fr.) Karst.
Gymnopilus penetrans (Fr. ex Fr.) Murr.
Gymnopus spongiosus (B&C) Halling
Hericium erinaceus (Bull.)Pers.
Hohenbuehelia petaloides (Bull.) Schulzer
Hygrocybe miniata (Fr.) P. Kumm.
Hygrophorus coccineus (Fr.) Fr.
Hygrophorus subsordidus Murr.
Hypholoma fasciculare (Fr.) P. Kumm.
Hypoxylon fragiforme (Pers.) J. Kickxf.
Inocybe rimosa Britzelm.
Irpex lactea (Fr.) Fr.
Laccaria laccata (Scop.:Fr.) Cke. var. *pallidifolia* (Pk.) Pk.
Laccaria trichodermophora Mueller
Laccaria trullisata (Ellis) Pk.
Laccaria vinaceobrunnea Mueller
Lactarius imperceptus Beards. & Burl.
Lactarius paradoxus Beards. & Burl.
Lactarius proximellus Beards. & Burl.
Lactarius pseudodeliciosus Beards. & Burl.
Lactarius quietus var. *incanus* Hesler & A.H. Smith
Lactarius tomentosomarginatus Hesler & Smith
Lentinus crinitus (L.:Fr.) Fr.
Lentinus tephroleucus Mont.
Lepiota acutesquamosa (Weinmann) Kummer
Lepista nuda (Bull.) Cooke
Lycoperdon pyriforme Schaeff.: Pers.
Microporellus dealbatus (B.& C.) Murr.

Mycena epipterygia (Scop.) Gray
Mycena galericulata (Scop.) Gray
Neolentinus lepideus (Fr.) Redhead & Ginns
Nigroporus vinosus (Berk.) Murrill
Oligoporus fragilis (Fr.) Gilb. & Ryv.
Omphalotus olearius (DC.) Singer
Panellus stipticus (Bull.: Fr.) Karst.
Phanerochaete chrysorhiza (Torr.) Budington & Gilb.
Phellinus gilvus (Schw.) Pat.
Phyllotopsis nidulans (Pers.: Fr.) Sing.
Pleurotus ostreatus (Jacq.: Fr.) Kummer
Pluteus lutescens (Fr.) Bres.
Russula compacta Frost
Russula levyana Murrill
Russula vinacea Burlingham
Scleroderma geaster Fr.
Scleroderma meridionale Domoulin & Melencon
Scorias spongiosa (Schwein.:Fr.) Fr.
Spongipellis pachydon (Pers.) Kotl. & Pouz.
Stereum complicatum (Fr.) Fr.
Stereum ostrea (Blume & Nees.) Fr.
Strobilurus conigenoides (Ellis.) Singer
Suillus brevipes (Pk.) Kuntze
Suillus cothurnatus Sing.
Suillus hirtellus (Pk.) Kuntze
Suillus salmonicolor (Frost) Halling
Thelephora terrestris Ehrhart: Fr.
Trametes elegans (Spreng.: Fr.) Fr.
Trametes versicolor (L.: Fr.) Pilat
Tremella foliacea Pers.
Tremellodendropsis semivestita (Berk. & M.A. Curtis)
R.H. Petersen
Trichaptum abietinus (Fr.) Ryv.
Trichaptum biforme (Fr. in Kl.) Ryv.
Trichaptum sector (Fr.) Kreisel
Tricholoma caligata (Viv.) Rick.
Tricholoma niveipes Peck
Tylopilus conicus (Rav. apud B. & C.) Beardslee
Xeromphalina campanella (Batsch: Fr.) Kuhn. & R. Mre.
Xylaria magnoliae J. Rogers
Xylaria polymorpha (Pers.: Fr.) Grev.
Xylaria species on hickory nut shell
Xylobolus subpileatus (B & C) Boidin
Zelleromyces cinnabarinus Sing. & A.H. Smith

BIG THICKET MUSHROOM WALK IN TEXAS
SATURDAY, NOVEMBER 20, 2010

We had 37 attendees including a contingency of mycology students from Stephen F. Austin University in Nacogdoches, TX. The participants visited the cypress swamp on Teel Road, located within the Lance Rosier Unit of the Big Thicket National Preserve. Lunch was at the Field Research Station followed by a discussion of the morning finds. A total of 59 species were identified including *Baeospora myosura*, which fruits on pine cones (also a new record for the Preserve), *Leucoagaricus brunnescens*, a new Preserve record, and an unknown species in the genus *Hygroaster*, a tropical genus not known from the United States until now. GSMS members attending

include Stephanie & Robert Baggett, Sergio & Wanda Henao, David & Patricia Lewis, Jolyn Piercy & David Werth, Veljko & Diane Roskar, Phillip & Alexandra Tussing, Charles Walter, and Brooks & Bernadine Young, and 22 non-members

SPECIES LIST FOR BIG THICKET WALK

Abortiporus biennis (Bull.) Singer
Araricus silvaticus Schff.
Agrocybe acericola (Pk.) Singer
Amanita bisporigera Atkinson
Baeospora myosura (Fr.) Singer
Bjerkandera adusta (Fr.) Karst.
Calostoma cinnabarina Desv.
Cortinarius alboviolaceus (Pers. ex Fr.) Fr.
Crepidotus crocophyllus (Berk.) Sacc.
Daedaleopsis confragosa (Bolt.: Fr.) Schroet.
Entoloma sinuatum (Bull. ex Fr.) Kummer
Entoloma species (2)
Ganoderma lucidum Leysser: Fr.
Gloeporus dichrous (Fr.) Bres.
Gymnopilus fulvosquamulosus Hesler
Gymnopilus liquiritiae (Pers: Fr.) Karst.
Gymnopilus penetrans (Fr. ex Fr.) Murr.
Gymnopus spongiosus (B&C) Halling
Hohenbuehelia species
Hygroaster species
Hygrocybe conica (Fr.) Kummer
Hypholoma fasciculare (Fr.) P. Kumm.
Irpex lacteus (Fr. ex Fr.) Fr.
Laccaria trichodermophora Mueller
Lentinus crinitus (L.:Fr.) Fr. [was *Panus crinitus*]
Lenzites betulina (L.:Fr.)Fr.
Lepiota species (2)
Lepista nuda (Bull.) Cooke
Lepista tarda (Pk.) Murr.
Leucoagaricus brunnescens = *Lepiota brunnescens*
Leucoagaricus fragillissimus (Rav. In B&C) Pat.
Lycoperdon perlatum Pers.
Lycoperdon pyriforme Schaeff.: Pers.
Marasmius fulvoferrugineus Gilliam
Microporellus obovatus (Jungh) Ryv.
Mycena haematopus (Pers.: Fr.) Kummer
Mycena species
Nigroporus vinosus (Berk.) Murrill
Panellus stipticus (Bull.: Fr.) Karst.
Phaeolus schweinitzii (Fr.) Pat.
Phellinus gilvus (Schw.) Pat.
Pleurotus ostreatus (Jacq.: Fr.) Kummer
Pluteus cervinus (Schaeff.: Fr.) Kummer
Pseudofavolus cucullatus (Mont.) Pat.
Pulveroboletus hemichrysus (Berk. & Curt) Singer
Scleroderma species
Stereum complicatum (Fr.) Fr.
Stereum ostrea (Blume & Nees.) Fr.
Stereum striatum var. *striatum* (Fr.) Fr. (Carpinus only)
Strobilurus conigenoides (Ellis.) Singer
Trametes menziesii (Berk.) Ryvarden
Trametes versicolor (L.: Fr.) Pilat
Trichaptum biforme (Fr. in Kl.) Ryv.
Unknown crust may be PC
Unknown puffball
Xeromphalina campanella (Batsch: Fr.) Kuhn. & R. Mre.