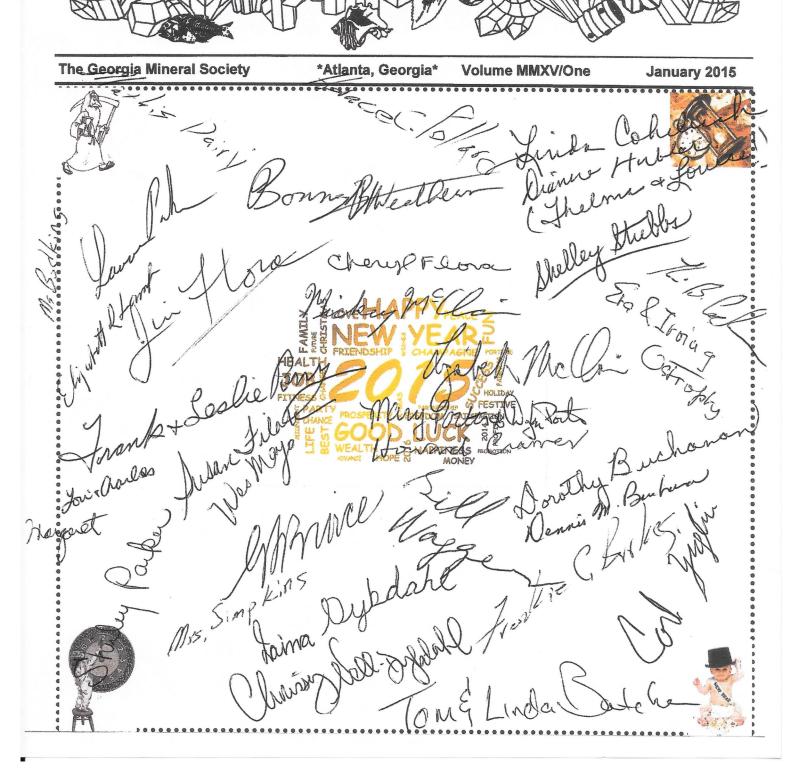
Tips and Trips



The Georgia Mineral Society





The Georgia Mineral Society, Inc.

A Non-Profit Educational Organization **Eighty Years of Tradition Objective and Purpose** To Educate the Youth of the State and the Members of this Society In the Field of Earth Science





AFMS Education - All American Club 2003

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Open for Volunteer

SFMS Rep.

The article submittal due date for the February newsletter is Januarý 15, 2015.

GENERAL MEETINGS

General meetings are held on the first Monday of each month. In the event that the first Monday is a holiday, the meeting will be held on the third Monday of the month. General meetings are held at the Georgia Mineral Society Building in Norcross, Ga.

4138 STEVE REYNOLDS BLVD. NORCROSS, GA. 30093-3059

Any deviations from the above schedule will be announced in Tips and Trips.

The Georgia Mineral Society on the Internet: http://www.gamineral.org

E-mail Early Notification Program: A field trip and club news update service. To join, members are requested to send in their current e-mail address to:

membership@gamineral.org

May Show Committee Chairs

Shelly Stubbs

Show Chair mayshow@gamineral.org Dealer Chair Lawrence Parker 404.213.9727 **Exhibits** Martha Brown 770.448.0876 Demonstrations open Hospitality open Treasurer **Mary Gurney** Advertising open

Dealer Dinner Roxanne Lopez 678.491.0489

Database Mary Porter 770.998.1018 Kim Cochran 770.979.8331 Auction

Set Up/Take Open for Volunteers Down

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January 2015

The Georgia Mineral Society

General Meeting 7:30 PM Monday, January 5, 2015

The GMS Building 4138 Steve Reynolds Boulevard Norcross, GA

The Fourth Annual GMS January Auction!

Once again, Kim will auction wonders from the GMS supply of rocks, minerals, fossils and gems.



Carl Ziglin VP of Programs



Sunshine News

Happy New Year, Rockhounds!

Our GMS Holiday Party was on December 1, 2014.

It was great to see everyone, and to sit,

relax, and talk about everything under the sun with fellow rockhounds. Thank you to Eva Ostrofsky (helpful, as usual) for arranging the food tables, picking-up the meat and cheese trays, and the ice, drinks, and condiments. Kim Cochran picked-up the poinsettia for the tables. Thanks Kim. And thank you to everyone who brought all the delicious side dishes and desserts. It was all very good! Please remember to keep our favorite Micromount Chair Dave Babulski and his wonderful wife Karen in your thoughts and best wishes. If you'd like to drop them a card, telephone them, or visit: --- David Babulski, Room D-18, Cambridge Recovery Center, 2020 McGee Road, Snellville, GA 30078; --- and Karen Babulski, Room C-5, New London Health, Cambridge Recovery Center, 2020 McGee Road, Snellville, GA 30078. Dave's cell phone number is 404-405-0635. I know he'd love to hear from you to talk some rockhound news. If anyone would like to share their news or information with other GMS members, please feel free to send it to sufi1114@gmail.com, or feel free to phone me (or,

leave message) at 404-634-6931.

Thank you everyone. Blessings to all in 2015! And Best Wishes for Happy, Fun and Prosperous Rockhounding in the New Year!!

Susan Filak Sunshine Chair

President's Message

It is the beginning of a new year and traditionally a time to reflect back on the old year and set goals for the new. As you ponder the coming year consider setting aside time for your rock activities. There will be many fun opportunities for our club members in 2015.



If you have not attended one of our many section meetings then I would encourage you try them out and you will be surprised with what you are missing. Phil has taken the gem section to a new level of lapidary hands-on instruction. Kim has an extensive list of programs for the fossil section that he will be covering this year from his vast library of programs and experience. If you have wondered what is all that fuss about sand, come join Lori for a few of the sand section meetings and you will find that you have a rapidly growing sand collection in no time. This year the mineral section will cover the minerals of the southeast where each month we will cover one of our neighboring states and the minerals found there. Christie had several new programs last year for our junior's section and more are planned for 2015.

One of our important activities to pull in new members is our field trips. Charles and Lori have been doing an awesome job. The count for 2014 was 24 field trips during the year. The May Show is another important activity where we have a need for our new and old members to get involved. There are so many ways to participate (displays, demos, hospitality, and more). Give it a think and contact Shelly to get started.

So don't put it off, schedule in your rock time for the coming year and come join your fellow members of the Georgia Mineral Society. I hope everyone had a Merry Christmas and look forward to seeing you all in the New Year.

Tom Batcha **GMS** President

> **Fossil Section** Monday, January 12, 2015

We will be discussing fossils of Asia. Please bring

your specimens.

Kim Cochran



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The Georgia Mineral Society

January 2015

Gem Section

The January Gem section program will be on "Mastering the Jeweler's Saw". We will cover the potential of using the jeweler's saw for various designs. This will include:

- •Jeweler's saw frame; adjustable or non-adjustable
- •Jeweler's saw blades: I usually recommend size 3/0 or less with experience
- •Brass or copper plates for sawing practice; 1mm thickness
- •Bench pin

Templates will be available for practice. We will also cover pattern transfers.

We will also be opening the workshop on the second Sunday of the month from 2:00 pm until 4:00 pm beginning in January. You will be able to cut cabochons or receive assistance with your metalsmithing projects. Only certified persons should plan on using the workshop as training for certification will not be available during the Sunday workshop open hours.

Phil Herren

Saturday, January 24th Junior Gem Tree Day 2 to 4 pm RVSP

Thanks to the generosity of Far Eastern Trading and BellGali Gems, Junior Section now has a trove of beads to use for gem trees!

Using a non-glue design shared by the Mississippi Gem and Mineral Club plus telephone wire and rock bases donated by GMS members, Juniors will make beautiful, bouncy gem trees!

RSVP: For more information and to ensure there are enough goodies and supplies for everyone. Please RSVP with Chrissy Nell-Dybdahl, Junior chair at juniors@gaminerals.org



Dear Juniors,

Happy New Year!

I am sooooo thankful to the active volunteer GMS board members and members who have supported me in this role. I am looking forward to our 2015 year together. This year, we will be celebrating our 80th year of the Georgia Mineral Society! Remember, GMS members LOVE to

see the junior members attend our events and kids get extra special treatment and attention:).

Here are my ideas for activities for MEMBERS ONLY over the next year. This is of course subject to change. Please let me know if you have other ideas. I look forward to meeting y'all!!!! Please refer to our Website for past fun activities and more up-to-date information and dates as they evolve.

Remember, there are kid friendly field trips every month!

January: Make gem trees, easy for little and big fingered rock hounders. We will award prizes.

February: Juniors Only Auction of rocks, minerals, jewelry, rock hounding supplies, etc. You can also bring specimens to trade.

Bring your change and some dollars to BID and WIN some great loot! We will have over 30 items. The money raised will be donated to our Junior Section Fund. Check out our building!

March: Beads of Courage. Hang out with other teens who like Rocks and Gems like you. Earn volunteer hours. Check out our building.



April: Easter Egg Hunt. Eggs are filled with Gems and Minerals.

May: Yearly GMS show, weekend of Mother's Day at our new location, North Atlanta Trade Center in Norcross. Come out and help us celebrate 80 years and enjoy lots of special activities for juniors. For instance, the auction will include items for Juniors only bidding as well.

June: The Yearly GMS Picnic is the first Saturday of June, which includes playing in the park and an Auction of over 100 lot items of Rock Hounding glory! Juniors-only auction bidding items will be available.

July: Attend a Field Trip August: Attend a Field Trip

September: On your own: Parents and GMS volunteers to help juniors write and submit a Rock Hounding Story for a prize and publication.

October: Beads of Courage. Hang out with other teens who like Rocks and Gems like you. Earn volunteer

hours. Check out our building. **November:** Make a Christmas ornament using nice mineral specimens.

I hope you have a great year!

Warmly, Chrissy Nell-Dybdahl Junior Section Chair



January 2015

The Georgia Mineral Society

Sand Section

In the December Sand Section meeting, Brian Williams did a presentation about his hiking and sand collecting adventures in the Tetons in Wyoming. He brought the sand so everyone could get a sample. It was a treat to see pictures of the beautiful places where the sand was collected with close-up images of the sand itself as well as the geology of the Tetons.

We also traded some recent donations: Pigeon Mountain, GA from Casey Sosebee, Jekyll Island, GA from George and Sharon Sanders, 2 different sands from England and 2 from Costa Rica from Bonney Weathers, plus Tanzanian



sand from Linda Coheleach. Sand section members shared some sand too. Ginny Loman brought several samples from California and Oregon, and Thom Hopen shared a variety

of samples. Thank you to everyone who donated or brought sand and a special thank you to Brian Williams for sharing his adventures and his sand!

In January we will be discussing and trading biogenic sand. What is it and what kind of biogenic bits can you find? Bring your biogenic sands for trade (plus any other samples you want to share) and we'll look at them with microscopes. Even if you don't have any sand to trade, please join us to

see how fascinating sand can be! Date: Wednesday, January 7, 2014

Time: 7:30

Location: GMS Building Topic: Biogenic Sand Trading: Biogenic Sand

Lori Carter Sand Section Chair sand@gamineral.org

Grab Bags

It will be time soon to fill the grab bags. As in the past, we will be aiming for a thousand bags. We had some bags left over from last year and 200 new bags were donated last week. We will also need items to go into

the bags. So remember us when you are

empty collecting on field trips.



Rock Swap

Mineral Section Meeting Wednesday, January 14, 2015 7:30pm The GMS Building

Our activity for the January Mineral Section will be a Rock Swap. Between now and the meeting go thru your collection and pull your extras from locations that other members of our club would find of interest. Bring them to the meeting and trade your extras with others for locations that you can add into your collection. Bring a big variety and leave with a lot of new stuff. After the Rock Swap we will talk about the Mineral Section theme for 2015 – Minerals of the Southeastern states.

Note: Due to a work conflict, we will have the mineral section on the second Wednesday of the month in January and March. All other monthly meetings will remain the third Wednesday. Come Join Us!!!

Tom Batcha Mineral Section Chair T.Batcha@comcast.net

May Show

The contract with the NATC has been signed, and Lawrence is getting out contracts to the dealers. We distributed lots of flyers at the Mammoth show, and there seemed to be a good response from people who were attending that show. Please be sure to take flyers wherever you can leave them to get the word out on the new location for this year. We still need Hospitality, Demonstrations, and Advertising chairs for the show committee, and will need volunteers for the show, and for the open house at our club house to celebrate the 80th birthday of GMS, with cake and ice cream! Whatever you volunteer to do, know that it will be fun and rewarding - and this is the club's main fundraiser. There will be sign-up sheets at all of the meetings between now and the show. If you want to volunteer and will not be at a meeting, you may contact the show chair at mayshow@gamineral.org. Thank you for whatever you volunteer to do.

Shelley Stubbs, GMS Show Chair

Facilities Message

Happy New Year! We look forward to a healthy, prosperous new year for all. We will get together in the spring to clean house and put finishing touches on the paint. Our 80th birthday is coming and we will welcome everyone to come visit our home. For now, stay warm and dry while planning for the next field trip.

Respectfully submitted, Bill Waggener, Facilities chair

Kim Cochran

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IANUARY

Education Message

School starts again soon. Students ready to learn about rocks, minerals, and fossils are waiting impatiently for vacation to be over...maybe? Either way schools are on the schedule for presentations and visits. Scouts and libraries have also requested visits. We can't wait to spread the earth science news. We will also have the 2015-2016 minigrant applications available after 01 Jan 2015. Please remind your teacher friends to apply for the minigrant for next year.

Yours in education,

Bill Waggener, Education Chair

Membership News

You can now renew your membership online!!! All you need is an Amazon account and a computer. Go to the GMS website and it will direct you to the proper forms. After you pay you will be directed to the membership form. If you don't fill out the membership form we will have your money but we won't be able to update your record to show that you are current, so please continue on to the end. It's still easier than writing and mailing, right? If you don't want to renew online, you can still fill out a paper form and mail a check, or give us the form and cash

If you don't want to renew online, you can still fill out a paper form and mail a check, or give us the form and cash at a meeting. But <u>please</u> fill out the entire form with <u>at least</u> the name of everyone you are renewing for. If the name (of a partner or child or housemate) is not on the membership renewal form we will assume that they have moved away or lost interest and remove them from the list. Our costs for Federation membership and insurance depend directly on the number of members we have. We want you all to remain active happy members, but we don't want to throw away money. So, please help us keep our membership list accurate.

Elizabeth Lamb, Membership Chairperson

Please welcome the following new members to GMS:

Justin Breen from Norcross, GA
Kathy Brown and Larry Johnson from Snellville, GA
Bob, September Day, Cadence, Patience and Jack Carter
from Lawrenceville, GA
Kea and Michael Eason from Smyrna, GA
Natalie Eaton and Breanna Bonner from Snellville, GA
Jim and Marget Eckman from Decatur, GA
Catherine, David and Graham Gordon from Atlanta, GA
Alex McConnell from Stone Mountain, GA
Gabriel Ori from Snellville, GA
Joseph Osako from Norcross, GA
Betty D. Schwartz and Jerry Huellemeier from
Milledgeville, GA

Veronica, David, Erica and Logan Shelton from Roswell,

Bobby, Deide, Jacqule, Misty, Sarah and Brooke Smith from Dacula, GA

Sarah Timm and Eric Christensen from Acworth, GA Christopher, Radi and Addison Townsend from Cumming, GA

We look forward to many happy rockhounding days with you and hope you enjoy GMS as much as we do!

Elizabeth Lamb, Membership Chairperson

Happy Birthday!

Your birthstone, the garnet, represents eternal friendship and trust. References date back to 3100 BCE in Egypt.

Jan 01

Jan 25

Jan 26

Jan 27

Jan 28

Jan 30



(Great specimens can be found closer to home – so happy hunting.)

James Kilp, Sherri Clark, Pierce

	McDonald and Dylan McDonald
Jan 02	Justin Gorun
Jan 03	Jacob Mahr
Jan 04	H. A. Vas Dias and Abigail Tweed
Jan 05	Lydia Gould
Jan 06	Joseph Eugene Buckles and Gil Stephens
Jan 07	Dan Morse, Mia Chambers and Mark
	Chambers
Jan 08	Pennie Nagel and Frankie Haney
Jan 10	Jacob Saturday, Harper Kucik and Laurie
	Rodriguez
Jan 11	Alexander Lipscomb and Cadence Carter
Jan 12	David Ferguson
Jan 13	Rose Mary Herbert and David Gordon
Jan 14	Frank J. Perry
Jan 15	Dylan Porter, Sheryl Bates, Matthew
	Faust and Grace Davis
Jan 16	Dylan Sweat, Causie Crane and Ginny
	Loman
Jan 17	Melanie Price, Theresa Gould, Brennon
	Harmon and Bryan Stephens
Jan 18	Frank Burns and Alex Haney
Jan 19	Christina Bennett, Sander Biehn, Libby
	Fleck, Brent Klein and Carol West
Jan 20	Paul Cloutier and Philip R. Lind
Jan 21	Henry L. Barwood
Jan 22	Joseph H. Summerour, Jr., Aaron
	Saturday and Jeff Mahr
Jan 24	Larry Johnson and

Wade H. McIntyre

Tonya Parker and

Tamera Scholz

Eric Christensen

Brogan Nagel

Rob Hollis

Kurt Greenwall, M.D.

January 2015

The Georgia Mineral Society

No CCGMS Field Trips for January or February

NO DMC Field Trip in January

THERE WILL NOT BE A DMC HOSTED FIELD TRIP
DURING JANUARY of 2015!
THE WESTERN SOUTH CAROLINA GEM AND
MINERAL SOCIETY FIELD TRIP DETAILS WILL BE
PUBLISHED ON OR ABOUT JANUARY 1, 2015.
MERRY CHRISTMAS AND A HAPPY NEW YEAR FROM
THE DMC!!

GMS FIELD TRIP

Saturday, January 10, 2015 10:00 a.m. Eastern Time Weiss Lake, AL

TRIP: GMS will hold a field trip to Weiss Lake, AL for various fossils.

COLLECTING: Limestone with unidentified markings, trilobites, and possibly brooksellas.

BRING: Rock hammer, small sledge, chisel, buckets, and paper for wrapping specimens. You will also need gloves, protective eyewear, hat, sunscreen, and sturdy boots with ankle support (hiking boots). As always bring plenty of water and some snacks.

This field trip is suitable for children of all ages but we will be by a lake so **children are required to have adult supervision at all times.** The terrain is stable along the shoreline, but climbing around rocks will be necessary to find and retrieve specimens which may be large and heavy.

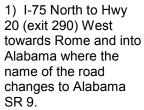


The weather in January can be unpredictable, so be prepared for wintry conditions.

Parking is limited, so carpooling is highly recommended.

DIRECTIONS AND WHERE TO MEET:

McDonald's 650 Cedar Bluff Road Centre, AL 35960



2) Continue on SR 9 to Centre, AL, approximately 15 miles. 3) SR 9 will turn to the

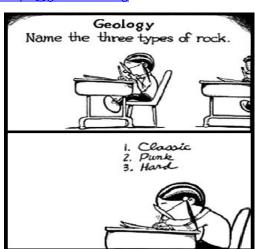
South, but continue going straight into Centre on Cedar Bluff Road for about 1/10 mile. The McDonald's will be on the left.

Travel time: From the GMS club house at 4138 Steve Reynolds Boulevard, Norcross, GA to the meeting place in Centre, AL is approximately 2.5 hours and 110 miles.

If you are interested in carpooling on this trip, please contact Bill Waggener at education@gamineral.org

Charles Carter, GMS Field Trip Chair

Telephone: 770-998-7949 Cell Phone: 770-891-5947 e-mail: fieldtrips@gamineral.org





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December DMC Field Trip Report By Lori Carter

The Knoxville Gem and Mineral Society hosted a 2 day DMC event. The first day we had two tours and the second day we had two collecting trips.

Day 1: The first tour was to the Gray Fossil Site and Museum in Gray, Tennessee. Dr. Michael "Mick" Whitelaw did a presentation about the history, geology, and paleontology of the site. A behind the scenes tour of the prep lab was the envy of



other visitors who peered curiously at us as we examined the lab. A graduate student (sorry – forgot his name!) described the meticulous process they use to extract, catalog, clean, and reconstruct fossils from the site. We even had a chance to see the actual dig area.

The Gray Fossil site was discovered during road construction in 2000 and it wasn't long before the significance of the find saved it from being paved. Based on extensive research of the area, it appears the site had several large sinkholes 4.5 to 7 million years ago. The sinkholes provided a rich environment for a diverse flora and fauna. The site has yielded a bizarre variety of animal and plant fossils including alligators, fish, salamanders, rhinoceroses, camels, tapirs, beavers, and even red pandas! Microfossils are carefully extracted from bags of dirt. Using

microscopes to search the dirt, researchers find tiny bones, teeth, and even pollen.

The second tour was to Bristol Caverns in Bristol, TN. Mick described the geology of the area and correlated it back to the Knox Limestone and Sevier Shale we observed at the Gray Fossil



Site. All through the caverns he pointed out many geological features. It was an unusual opportunity to see the geology from below.

Day 2: The first collecting location was Douglas Lake. Attendees braved some brisk breezes to search for double terminated quartz crystals that are often called "Douglas diamonds". We gained a few inches in height and a little weight as mud accumulated on our boots, but it was worth it as everyone found some nice crystals. One area also had some cephalopod fossils!

The second collecting location was in Mosheim, TN for Middle Ordovician graptolite fossils. The graptolites are easily located by

splitting soft shale and are well preserved.

Many thanks to the Knoxville Gem and Mineral Society for another successful DMC trip!

(See the field trip report on the GMS website for more pictures www.gamineral.org)

Brad's Bench Trips SOLVENT DISPENSER

Frequently I need to fill a small bottle with alcohol, like an alcohol lamp or one of the nail polish bottles that I use for the yellow ochre anti-flux. Often I can't find a small funnel and end up spilling almost as much as I get into the bottle. It's wasteful, and the fumes can't be too good for you either. A neat and inexpensive solution is to use a lab dispensing bottle to store small quantities of the solvents you frequently use. It has a wide mouth for filling and a fine tip for dispensing. You can get a small stream or just a drop or two. With the bottle's fine tip I don't spill a drop.

There are many suppliers on Google. One I've used is Carolina Biological Supply Company at www.carolina.com The bottle is Catalog # 716580 Unitary Wash Bottle, Low-Density Polyethylene, 125 mL



SILVER DISCOLORATION

Working with jewelry involves an ever increasing number of skills. Chemistry is one of them that comes into play when dealing with a discoloration on the metal caused by a chemical reaction between it and the environment.

In the case of Sterling silver there are three discolorations we typically encounter: a tarnish, a firescale, and a firestain. Each is different in its cause, in its cure and in its prevention. All three have to do with the metals in the Sterling alloy (92.5% silver and 7.5% copper) and how they react with oxygen and the heat of soldering or with pollutants in the air over the long term.

Tarnish is a grayish coating that builds up slowly on the surface as a result of a reaction of the silver with sulfurbased compounds in the air. Typically these are pollutants from the burning of petroleum fuels, but they can come from other sources as well. I once tarnished all the silver in my display case by putting a pretty specimen of iron pyrite in with the jewelry. Turns out pyrite has sulfur in it! Sulfur combines with the silver to form a grayish silver sulfide film on the surface.

Preventing tarnish involves keeping sulfur away from the metal. Plastic bags will help, and anti-tarnish strips are available from jewelry supply companies to pack near your items. Tarnish is easily removed by hand polishing with a jeweler's cloth or with one of the products sold for cleaning the good silverware for holiday dinner.

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Another way is to remove it chemically. Put a piece of aluminum in the bottom of a dish large enough to contain your piece. Heat enough water to cover the silver. Mix in 2 tablespoons of sodium carbonate per cup of water and pour into the dish. Be sure the silver touches the aluminum. Sodium carbonate is the main ingredient in washing soda. Read the labels in grocery and hardware stores.

The second type of tarnish is called firescale. It is the dark gray to charcoal colored film that forms on Sterling or other copper alloy like copper or bronze when we heat it with a torch. The copper in the alloy reacts with oxygen in the air to form a dark cupric oxide coating on the surface. Luckily, the oxide is easily removed by dissolving it in a mild acid generally called a pickle. It's important that we not let firescale form on a solder joint because it will block the flow Fee Simple - Complete Ownership solder over the joint.

Prevention can be done two ways. Most common is to use a flux, a borax-based solution applied to the metal before soldering. When melted, borax forms a thin glassy layer that keeps oxygen away from the metal. A second way is to do your soldering on a charcoal block. Together with the flame, charcoal greatly reduces the amount of oxygen in the area being soldered. In either case oxygen is prevented from reaching the metal, so no cupric oxide firescale is formed.

A second oxide can also be formed when soldering copper or a high copper content alloy like bronze or brass. It's called cuprous oxide and is reddish in color. That's why a black looking piece you put in the pickle sometimes comes out red. Problem is that while the black cupric oxide is dissolved by a pickle, the red cuprous oxide is not. The discoloration can be sanded or polished off, but an easier way is to use a "super pickle". This is a mixture of fresh pickle with a healthy shot of hydrogen peroxide from the local store.

I've saved the worst form of discoloration, firestain, for last. Think of firescale (above) as like getting dirt on your shirt that you have to wash off. Firestain is like getting ink on it. The discoloration is not just on the surface, it seeps down and stains the material. Firestain happens when we heat a piece of silver too hot, too long, and/or too many times.

Firestain occurs when the oxides start to build up below the surface of the metal. You generally don't notice it until after polishing. It appears as a darker area of the surface and is easy to spot when viewed under light bounced off a piece of white paper. Because firestain is below the surface, there's no easy bench tip solution. Depletion guilding may work for some pieces. Otherwise, removing it calls for sandpaper and aggressive polishing.

A much better approach for a piece that will require a large number of solderings is to protect the metal from developing firestain by applying liberal coats of a firecoat. Regular soldering flux will provide some protection but will not be as effective as preparations made specifically for the task.

Get all 101 of Brad's bench tips in "Bench Tips for Jewelry Making" on Amazon'

www.amazon.com/dp/0988285800/

Mineral Rights

Basic information about mineral, surface, oil and gas rights. Via http://geology.com/articles/mineral-rights.shtml

In most countries of the world all mineral resources belong to the government. This includes all valuable rocks, minerals, oil or gas found on or within the Earth. Organizations or individuals in those countries cannot legally extract and sell any mineral commodity without first obtaining an authorization from the government.

In the United States and a few other countries, ownership of mineral resources was originally granted to the individuals or organizations that owned the surface. These property owners had both "surface rights" and "mineral rights". This complete private ownership is known as a "fee simple estate".

Fee simple is the most basic type of ownership. The owner controls the surface, the subsurface and the air above a property. The owner also has the freedom to sell, lease, gift or bequest these rights individually or entirely to others.

If we go back in time to the days before drilling and mining, real estate transactions were fee simple transfers. However, once commercial mineral production became possible, the ways in which people own property became much more complex. Today, the leases, sales, gifts and bequests of the past have produced a landscape where multiple people or companies have a partial ownership of or rights to many real estate parcels.

Most states have laws that govern the transfer of mineral rights from one owner to another. They also have laws that govern mining and drilling activity. These laws vary from one state to another. If you are considering a mineral rights transaction or have concerns about mineral extraction near your property it is essential to understand the laws of your state. If you do not understand these laws you should get advice from an attorney who can explain how they apply to your situation. To read more on the subject, go to http:// geology.com/articles/mineral-rights.shtml

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Field Trip to JXR

I've been asked to let everyone know that the Jacksons Crossroads Amethyst Mine (also known as JXR) in Tignall, Georgia will be closed to collecting effective immediately. I am not sure when or if the site will reopen to rockhounds.

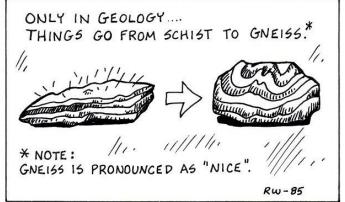
For updates, requests to visit or any other correspondence regarding the status of the mine, please e-mail Mr. Paul Geffner at lisben@svn.net

Up and Coming Shows

Jan 9-11—LARGO, FLORIDA: Annual show; Pinellas Geological Society, Largo Cultural Center; 105 Central Park Dr.; Fri. 10-6, Sat. 10-6, Sun. 12-5; adults \$1.50; drawing, silent auction; contact Leona Sheffield, 2440 S. Shore Dr. SE, St. Petersburg, FL 33705, (727) 709-3236; e-mail: nwilkin@sjvcc.org

Jan 24-25—PANAMA CITY, FLORIDA: Annual show;

Panama City Gem & Mineral Society, Central Panhandle Fairgrounds; 2230 E. 15th St.; Sat. 9-5, Sun. 9-4; free admission; hourly silent auctions, door prizes, grand prize;



Jan 29-15—TUCSON, ARIZONA: Annual show; Eons Expos, LLLP, 22nd Street Show Tent; 600 W 22nd Street; Daily 9-6; Admission Free, Children Free; An 18-day show inside a huge 60,000 square foot climate controlled tent. Free parking. 200 booths. A Top Five show in Tucson based on table count. Wholesale and retail. We curate an even mix of fossil, mineral, gemstone, and jewelry dealers.; contact Lowell Carhart, 80 Roslyn Forest Lane, Charlottesville, VA 22901, (804) 291-6357; e-mail: LowellCarhart@yahoo.com; Web site:

contact Steven Shipton, 5113 E. 13th Ct., Panama City, FL

32404, (850) 867-0586; e-mail: shipton3@comcast.net

Feb 7-8—MERRITT ISLAND, FLORIDA: Annual show; Central Brevard Rock & Gem Club, Kiwanis Recreation Center; 951 Kiwanis Island Park Rd.; Sat. 10-5, Sun. 10-5; adults \$5 (\$1 off coupon on Web site), children free with adult; more than 20 dealers, lapidary tools, rocks, slabs, minerals, specimens, hand-made jewelry, beads, cabochons, demonstrations by club members, sluice, kids' activities; contact Roz Mestre, (321) 431-0159; e-mail: roz.mestre@att.net; Web site: www.centralbrevardgems.

www.22ndStreetShow.com

Feb 28-28—LAKELAND, FLORIDA: Annual show; Bone Valley Gem, Mineral & Fossil Society, FPC of Lakeland; 175 Lake Hollingsworth Dr.; Sat. 9-4:30; adults \$3, teachers, students and children free; special teacher raffle prizes, hourly door prizes, Spin & Win Mineral Wheel, kids' Treasure Dig, demonstrations, educational displays, silent and Chinese auctions, more than 30 dealers, rocks, minerals, fossils, jewelry, gifts, hobby supplies, wire wrapping and cabochon making craftsmen; contact Kim Price, PO Box 2054, Auburndale, FL 33823, (863) 412-9156; e-mail: IBVGMFS@gmail.com; Web site: www.bonevalley.net



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January 2015

The Georgia Mineral Society

JANUARY 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5 General Meeting	6 GMS Workshop 7pm-9pm	7 Sand Section	8	9	10 GMS Field Trip
11 Workshop- Certified members only 2 to 4 pm MAG Meeting 12 to 2 pm	12 Fossil Section	13	14 Mineral Section	15	16	17
18	19	20 GMS Workshop 7pm-9pm	21	22	23	24 Junior Gem Tree Day
25	26 Gem Section	27	28	29	30	31



I-75 Exit 293 Cartersville, Georgia 770-606-5700 http://tellusmuseum.org/index.htm

All lectures are free for members and included in the cost of museum admission for non-members. Galleries will remain open until the start of the lecture.

Fernbank Museum of Natural History

76 Clifton Rd. NE, Atlanta, GA (404)929-6300 http://www.fernbankmuseum.org/

A few of the Permanent Exhibits: A Walk Through Time in Georgia Giants of the Mesozoic The World of Shells

MEMBERSHIP APPLICATION The Georgia Mineral Society, Inc. 4138 Steve Reynolds Blvd. Norcross GA 30093-3059

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