



The Rockhounder

November 2016

The purpose of the Gem, Lapidary, and Mineral Society of Montgomery County MD, Inc. is “to increase knowledge and popular interest in earth sciences, geology, mineralogy, paleontology, lapidary arts, and related subjects.”

NOTE: Please send any submissions for the December issue of The Rockhounder to Editor Olivia Luzier at editor@glmsmc.com by Thursday, December 1, 2016.

Regular Meeting Announcements

Gary Leaman, Vice President

November Speaker Information:

Title of Talk:

Our Hobby, Our Passion:
Get to Know Our Fellow Members' Favorite Things
About Gems, Lapidary, or Minerals

We are going to do something special for our November meeting. Instead of a formal speaker, we will be giving our individual members an opportunity to talk for 5-10 minutes about their favorite mineral localities, mineral types, lapidary activities, jewelry or faceting, gem grading, etc. Whatever your passion, the group would like to hear about it. You can bring pictures (we will have the computer projector available), specimens, faceted stones, mineral creations, etc. to show the club. Additionally, if you would like to tell a story about something you collected yourself or a locality that you really enjoyed collecting at, we would like to know. We are looking forward to active participation from our club members.

The December meeting is the Christmas party. More to follow on this meeting.

Next Regular Meeting:

Date: Monday,
November 14, 2016

Time: 7:30 PM

Place:
Rockville Senior
Center,
1150 Carnation
Drive
Rockville, MD

Next Board of Directors Meeting:

The Board of Directors will meet 7:30 PM on **Monday, Nov. 21, 2016** at the home of Holly McNeil. Board members are expected to be there. Any member is welcome to attend, but please let Holly know if you plan to attend.

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President's Message

Jonathan G. Harris

Have a geologic, mineralogical, or lapidary passion to share with the club? The upcoming meeting may be your chance! Contact Program Chair Gary Leaman, gleaman@comcast.net, to arrange a slot at the November meeting to describe your passion in words, pictures, or both.

Interested in learning more about either geology or lapidary arts? Twice a year the Eastern Federation of Mineralogical and Lapidary Societies (EFMLS) runs a week-long educational program at the Wildacres retreat center. At our last meeting, Gary and Dave whet our appetites with presentations about the Wildacres geology and lapidary classes. This week-long program at a retreat center in the mountains of North Carolina provides hands-on instruction in topics such as faceting, cabochon making, and geology. Participants take trips to interesting collecting sites, including many old mines. This is also all in an area with beautiful scenery. We do offer up to two scholarships to help members attend Wildacres, provided they speak or write about their experience. Please email me (jgharris7@gmail.com) if you are interested.

A thanks goes to Wendell Mohr and Dave Fryauff for representing us at the annual EFMLS convention in Rochester. See Dave's email for the summary of the convention experience and pages 9-10 for pictures.

Please continue to be on the lookout for field trip announcements from our email list. Unfortunately some upcoming ones have been postponed, likely to next year, due to various situations at the quarries. We hope Churchville will happen on November 11th, but there is a significant risk that the host may not be able to run the trip.

The upcoming meeting will also feature our annual election of officers. The slate from the nominating committee was published in the October Rockhounder and in this month's Rockhounder (see page 6). We expect that this election will be less dramatic than the national one.

We are still seeking a webmaster to help move our site forward. There are plenty of possibilities to grow our website so we can further the club's mission. The Internet provides a special opportunity to invite new members and encourage others to support us through donations or get us access to quarries and other field trip opportunities.

Finally, Andy Celmer is seeking stools (e.g. bar stools with or without a back) for our annual Show's lapidary shop. Our volunteer teachers could thus sit down at times so the continuous standing won't wear them out. Please contact Andy at abcpec@comcast.net to arrange to give or loan a stool or high chair to the club for our Show in March.



GLMSMC Regular Meeting Minutes for October 10, 2016

Holly McNeil

The October 10, 2016 meeting was called to order by President Jonathan Harris at 7:50 pm. There were approximately 41 in attendance (36 adults, 5 juniors). It was M/S/P to approve the minutes of the September 12, 2016 regular meeting and of the September 26, 2016 Board of Directors meeting.

Misc. Events: Chris Luzier informed the group that the Ultraviolation show on Saturday, October 22nd, is in need of 6 or 7 volunteers to keep the show going for next year. Chris also informed the group of the available flyers for the Rock Discovery Day that he, Mark, and Holly were assisting with at the Gaithersburg Community Museum on October 23rd from 1 to 4 pm.

Membership: Doug Baum, Membership Chair, thanked everyone who has paid their dues thus far and reminded those who have not that the late surcharge of \$5 will be assessed.

EFML Liaison: Wendell Mohr announced the upcoming EFMLS conference that he and Dave Fryauff will be attending.

Field Trips: Dave Fryauff informed the group of many upcoming field trips. See the Field Trip section of Rockhounder for details.

Show: Shop Manager Andy Celmer requested donations of tall stools or chairs for the shop volunteers to use.

Treasurer: Tom Dushel reported he has reconciled the accounts and is working on the financial reports.

Program: Gary Leaman, Diane Leaman, Frances Becker, and Dave Fryauff gave a presentation on Wildacres. Gary spoke of other things to do in the area, gave an overview of Wildacres' two-week-long sessions per year offered in the spring and fall, and spoke about his faceting class. Diane spoke about her cabochon class then Frances talked about Silversmithing and soapstone carving. Dave discussed the Geology classes he took and the related field trips. GLMSMC generally offers two scholarships per year to members interesting in attending Wildacres.

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GLSMC Regular Meeting Minutes from October 10, 2016

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The program was followed by a short break and then the Show Table. THANK YOU to Steve Calamuci for donating a Wulfenite specimen for the Show Table prize.

It was M/S/P to adjourn the meeting at 9:56 pm.

Holly McNeil, secretary pro tem.

GLSMC Board Meeting Minutes for October 17, 2016

Jeff Cessna

The Board Members present were Doug Baum, Jeff Cessna, Jonathan Harris, Gary Leaman, Chris Luzier, Holly McNeil, Wendell Mohr, Joel Rosen, and Dave Tiktinsky. The Board Members not present were Tom Dushel and Dave Fryauff. President Jonathan Harris called the October 17, 2016 meeting to order at approximately 7:30 pm.

Treasurer: Chris Luzier agreed to collect information in the Treasurer's absence. He distributed a copy of the previous year's budget to use as a working document. Joel Rosen submitted a budget request sufficient to purchase 15 meeting door prizes. Andy Celmer previously submitted an itemized budget request to maintain shop and club equipment. Holly McNeil reported she had commented on a preliminary budget. Chris delivered the current account status. Holly discussed the actuals for the current budget year. Any possible donations will be discussed at the November BOD meeting. Insurance needs to be purchased and certificates provided to venues, field trip locations, and the SSL program. Membership numbers as of October 30th are needed for purchase.

Show: Holly McNeil reported that she will have the contracts done. The deposits are in for security and table rentals. Doug Baum will help with floaters. Dave Tiktinsky will share mailer

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GLMSMC Board Meeting Minutes for October 17, 2016

Continued from page 4

information with Holly. Finding additional volunteers for Downstairs duties was discussed. Volunteers could report on progress at BOD meeting or through existing Chairs. Dave reported he has contacted all dealers. Spaces are being discussed. Chris Luzier reported discussing pairing a helper with a dealer for the Show.

Programs: Upcoming programs, including gold topics and our annual presentation from Dr. Post, were reported. Possible other programs were discussed, including an ID-station for the Christmas party. The station would need a volunteer to man it.

Membership: Doug Baum reported as of October 17th the club had 95 adults and 11 youth paid members. The dues surcharge for renewals starts on November 1st. Unpaid members will be contacted.

EFMLS Liaison: Wendell Mohr reported that he and Dave Fryauff would attend the EFMLS convention in Rochester.

The meeting was adjourned at 8:33 PM.

Jeff Cessna, Secretary.

Future Rockhounds of America (The MOCKS) Ages 10-15

Mark Dahlman

Next Meeting Date: November 14, 2016

Meeting Time: 7:45-9:00pm

Meeting Location: Sunroom Cafeteria at the Rockville Senior Center

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Future Rockhounds of America (The MOCKS) Ages 10-15

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October 10th Meeting:

Like our September meeting, October's meeting started with several MOCKS turning in their sets of self-identified minerals. We also admired the collections FRA members brought in as part of the Rocks and Minerals badge activities. We started the Fluorescent Minerals badge activities too. As usual, every MOCK left with a new specimen to add to their collection – this time the MOCKS picked out fluorescent minerals and then got to see them glow under the ultraviolet lamp.

November 14th Meeting:

At our November meeting, we'll start by awarding the Rocks and Minerals badge to those MOCKS who have completed the badge's requirements. We'll also continue with activities for the Fluorescent Minerals badge. The plan is to learn enough about fluorescent minerals that those in attendance will earn the badge at the November meeting. See you there. Bring a friend if you'd like!

For more information on the Future Rockhounds of America program, please contact Mark Dahlman at <fra_advisor@glmsmc.com> or 301-428-0455.

2017 Officer Candidate Nominations

The nominating committee puts forth these candidates for our slate of officers for next year's term of office:

Jonathan Harris, President

Gary Leaman, Vice President

Tom Dushel, Treasurer

Jeff Cessna, Secretary

We will vote on the proposed slate of officers at the November regular meeting.

Respectfully submitted by Chris Luzier, Dave Tiktinsky, and Holly McNeil



A Message from the Membership Chairman

Doug Baum

Please mail out your 2016-2017 dues today or pay at our next meeting.

\$20 for family and \$15 for individual.

After November 1, an additional \$5 fee added.

Checks made out to GLMSMC or cash can be sent to:

Doug Baum

11205 Golden Meadow Court

Germantown, MD

20876

Questions? dbaum18@aol.com

Facebook Page: Join our Facebook page at Gem, Lapidary, and Mineral Society of Montgomery County, MD.

Thanks, Doug Baum

Follow us on Facebook at
[https://www.facebook.com/
groups/984241208329511/](https://www.facebook.com/groups/984241208329511/)



Show Table for the October 14th Regular Meeting

* Denotes Self-collected Material

NAME	SPECIMEN	LOCALITY
Barb Barr	Ohio Flint	Flint Ridge, Ohio
	Savannah River Agate	Girard, GA
Steve Hatleberg	Native Copper	Blue Ridge Summit, PA
Gary Leaman	Amethyst Faceted Wildacres	Class Material
Diane Leaman	Jasper Jade Cab Wildacres	Class Material
Gerald Elgert	Knapping Points	Wildacres
Donald Greaves	Dendrite	Germany
Wendell Mohr	Canadian \$20 Coin Snowflake	Canada Mint
Steve Calamuci	Kyanite	Minas Gerais, Brazil
	Malachite and Pyrite	Willis Mountain
Ken Reynolds	Rhodonite/Franklinite	Franklin Mine
	Uvite, NY, Cuspidine	Buckwheat, Franklin
George Durland	Bustamite w/ Willemite	Franklin, NJ
	Manganaxinite	Franklin, NJ
Joel Rosen	Wooly Mammoth Tusk	————
Leigh Broadhurst	Micromounts	Various
Jonathan Harris	Opal	Welo, Ethiopia
Marsha Beushir	Copper Ore	Negev, Israel
	Meteorite (?)	Negev, Israel
Dave Fryauff	Hyaline Opal	Spruce Pine, NC
	Almandine Garnet *	Little Pine Mine, NC
Nancy Shinowara	Arizona Peridot	Apache Reservation
Priscilla Quackenbush	Granite, Shale	West Point, NY

Door Prizes

Show Table:

Wulfenite and Mimetite
 San Francisco Mine
 Sonora, Mexico
 Donald Greaves

General:

T. Rex in vitro (natural rock)
 Barbara Barr



Pictures from the 2016 EFMLS Rochester Convention



Pictures courtesy of
Sheryl Sims



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Pictures from the 2016 EFMLS Rochester Convention

Continued from page 9



**Pictures courtesy of
Dave Fryauff**





Field Trip News

Dave Fryauff

1. Churchville Quarry in Harford Co., MD is set for Veteran's Day, Friday, Nov. 11th from 9 am -12 noon. Address is 1219 Calvary Rd., Belair, MD 21015. Please RSVP by COB on Nov 8th by contacting Sam Linton. Full personal safety gear (helmet, steel toes, shatter-proof eye protection, long pants) is required. Adults over 18 years old only. Please bring your signed waiver of indemnification and abide by the rules. Be on time!

2. We also have the rare chance to collect at the Teeter quarry in Gettysburg, PA on Sat. Nov 5th starting at 7:30 am. I am still waiting for paperwork from this quarry but would like to have an idea of numbers interested.

Consult the respective Mindat pages for additional details.

Note: Please be advised that due to medical issues with our host from Bluegrass, the collecting trip to Churchville quarry on Friday, Nov. 11th may be cancelled at the last minute. I will let you know as soon as I am able and informed.

Be safe and good hunting!

Item of Interest

Dave Fryauff

Exhaling Earth: Scientists closer to forecasting volcanic eruptions

https://www.sciencedaily.com/releases/2016/10/161006101026.htm#.V_z3Q_IoTow.gmail



Websites of Interest

Wendell C. Mohr

Emeralds of Jaipur, India

<<http://www.gia.edu/gia-news-research/jaipur-india-emerald-cutting-trading-powerhouse>>

The capital of Rajasthan, and Emerald Cutting and Trading Powerhouse, brings you a couple of galleries, about 5 videos, and more. A publication of the Gemological Institute of America will educate you about the industry, emerald sources, expeditions, cutting, and perhaps even make you green with envy.



Photo from Wikipedia

Petroglyph Photo Gallery

<<http://geology.com/articles/petroglyphs/more-petroglyphs.shtml>>

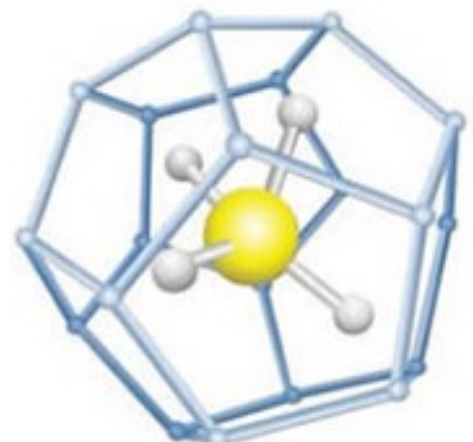
View 22 examples of this rock art, rock “scribbling,” or rock carvings (rock paintings are called pictographs) made by pecking directly on the rock surface using a stone chisel and a hammer stone. When the desert varnish (or patina) on the surface of the rock was chipped off, the lighter rock underneath was exposed, creating the petroglyph.

Methane Hydrate: The Next Energy "Game Changer?"

<<http://geology.com/articles/methane-hydrates/>>

A treatise giving information on what it is, where the deposits are, where is it produced today, hazards, and its enormous potential.

Right: A ball and stick model showing the central methane molecule surrounded by a “cage” of water molecules.



US Department of Energy image



Upcoming Classes

Gemology I Introductory

Ages 18 & Up: Want to know about those gems you are wearing on your rings, necklaces, bracelets, brooches? Curious about how gemstones came to be? Beginning Gemology, organized around the Mohs' scale of hardness, is an introduction to gemstone study. There will be hands-on specimens and examples to examine during each class.

12 Sessions \$108

Instructor: Timothy Morgan

25094 Potomac cac 9/15 Th 10:00am-11:15am

Gemology II Advanced

Ages 18 & Up: Prerequisite - Beginner or Intro class. Interested in gemstones, but already know a little something about them? Want to learn more? This class examines gemstones and gemstone groups with examples and hands-on specimens. Guest speaker and field trip possible.

13 Sessions \$117

Instructor: Timothy Morgan

25095 Potomac cac 9/14 W 10:00am-12:15pm

ONLINE REGISTRATION FOR ADULT AUDUBON NATURALIST SOCIETY PROGRAMS

Visit www.ANShome.org/adultnatureprograms and click on "Register Online."

All adult program participants will be "New-Users" the first time they register.

All changes/cancellations/transfers must be handled through the EE office.

If a class is full, you may waitlist for it for free online.

Questions? Call Pam at 301-652-9188 x16 or email pam.oves@anshome.org.



Upcoming Shows

Friends of Mineralogy—Pennsylvania Chapter will hold its 2016 symposium for mineral collectors in Lancaster, PA, on **November 5,**

with a field trip on **November 6.** The theme is

Pennsylvania Mining and Mineralogy,

and we have scheduled four interesting presentations by expert speakers:

Robert Kulp: Dunite in the Serpentinites of the

Pennsylvania-Maryland Chrome Mining District;

Ryan Mathur, PhD: Cenozoic mineralization ages for

sulfides and calcite in Pennsylvania;

Stan Mertzman, PhD: Hawaiian minerals and geology

(Pennsylvania students' experience);

Bill Stephens, PG: Lapidary Grade Agate and Other Semi-Precious Gemstones
from the Penn-MD

A symposium registration form will soon be available

for download from our web site,

<http://www.rasloto.com/FM/>.

Further updates may also be provided on the website.



Upcoming Shows

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Tuscarora Lapidary Society Presents

GEMARAMA 2016

One of the largest Fine Gem, Jewelry and Mineral Shows on the East Coast

November 5th: 10 a.m. - 6 p.m. November 6th: 10 a.m. - 5 p.m.

Our 47th Year Theme: Down Under

Hall D, Greater Philadelphia EXPO Center
100 Station Avenue, Oaks, PA 19456

- Demonstrations
- Exhibits
- Dealers
- Free Parking
- Food
- Children's Activities
- Gems • Jewelry
- Beads
- Fossils
- Minerals
- Findings & More!

One ticket good for discounts for your entire family!

Donation - \$6 • With this ticket - \$5 • Two-Day Ticket - \$9 • Children under 12 yrs. - \$1

To receive our emails for discount ticket, show, course, and workshop information, please enter

your email address: _____

For information:

www.lapidary.org

Ticket may be duplicated.

Presented by The Northern Virginia Club, Inc.

www.novamineralclub.org

Sponsored by the Dept. of Atmospheric, Oceanic and Earth Sciences at GMU

Date: November 19 & 20, 2016

Place: The Hub Ballroom (Student Union II Bldg)
George Mason University Campus
Braddock Rd. & Route 123, Fairfax, VA

Hours: Saturday 10am-6pm, Sunday 10am-4pm

Admission: Adults: \$6, Seniors: \$4, Teens (13-17): \$3
Children 12 & under, Scouts in uniform,
and GMU Students w/valid ID are FREE.

\$1 OFF
Adult admission
with this card
(applies to all adults
+ seniors in your
group)

Demonstrations, Exhibits, and Door Prizes. Mini-mines for children to dig in and get free fossils and minerals.
Over 20 Dealers with Fossils, Minerals, Crystals and Gems for sale.

Use Parking lot A, enter Lot A from Nottaway River Lane.

Look for our Courtesy Shuttle to Mineral Show

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Upcoming Shows

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With this ad, \$1.00 off General Admission

2016

GEM MINER'S HOLIDAY!!
November 19-20, 2016
LEBANON, PA
Beads! Findings!
Minerals! Fossils!
Gems & Jewelry!

THE MID-ATLANTIC'S BEST SHOW

GIFT AND CRAFT RELATED ITEMS
 RETAIL AND WHOLESALE EXHIBITORS
 HOURLY DOOR PRIZES & GRAND PRIZE DRAWINGS
 OPEN TO THE PUBLIC

SATURDAY: 10 A.M. - 5 P.M. ❖ SUNDAY: 11 A.M. - 4 P.M.

\$5 ADMISSION - CHILDREN UNDER 12 FREE

Lebanon Expo Center: Route 72
 5 mi. N. of PA Turnpike--Exit 266 (old exit 20),
 right on Rocherty Road.
www.gem-show.com
 (see website for updates)
(301) 807-9745



MINERAL TREASURES + FOSSIL FAIR



2017 ANNUAL SHOW



The Philadelphia Mineralogical Society and the Delaware Valley Paleontological Society present a joint show and sale at the LuLu Temple, 5140 Butler Pike, in Plymouth Meeting, PA. Just 2 miles from the Norristown exit of the PA Turnpike!

Saturday, March 25, 10 am to 5 pm
and
Sunday, March 26, 10 am to 4 pm

Special exhibit by the Academy of Natural Sciences

Fossils, Minerals, Gems, Speakers, and Exhibits!
Learning activities include a Fossil Dig and a Kids' Mineral Corner.
Also – Scouting Merit Badge Information available.
Food and Door Prizes throughout both days.

\$5.00 admission; \$1.00 kids under 12. All uniformed Scouts are free.

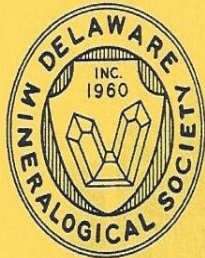
Information: www.philamineralsociety.org

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Upcoming Shows

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Gem, Mineral & Fossil Show

***** At New Location *****

March 4-5, 2017

Saturday 10:00 am - 5:00 pm

Sunday 11:00 am - 5:00 pm

† TAX FREE SHOPPING †

**** NEW SHOW LOCATION ****
U of Delaware - Wilmington Campus
Arsht Hall
2800 Pennsylvania Ave. (Rt-52)
Wilmington, DE 19806

Show Theme: *Quartz of course*
An Educational Experience for All

Outstanding Minerals & Fossil Dealers
Gem, Jewelry & Lapidary Supplies
Demonstrations, Exhibits & Door Prizes
Jr. Booth for Kids

Adults: \$6.00 (\$1.00 off with this coupon)
Seniors: \$5.00

Juniors (age 12-16): \$4.00
FREE to Children and all Scouts in Uniform

Additional Information @ www.delminsociety.net

Coupon can be Duplicated

If you are planning a trip and want to know what clubs you might be able to visit, it would be worthwhile to visit the American Federation of Mineralogical Societies website. Check out their newsletter archives at <http://www.amfed.org/news/default.htm>.





BOARD OF DIRECTORS

President – Jonathan Harris, 11932 Goya Drive, Potomac, MD 20854-3313, (301-545- 0808)

Vice President – Gary Leaman, 7524 Cinnabar Terrace, Gaithersburg, MD 20879-4577,
(301-963-3702)

Secretary – Jeff Cessna, 12116 Cliftdale Drive, Silver Spring, MD 20904-1941, (301-680-7963)

Treasurer – Tom Dushel, 108 Berrywood Drive, Severna Park MD 21146-2004, (443-514-6734)

Field Trip Chairman – Dave Fryauff, 24109 Sugar Cane Lane, Laytonsville MD 20882-4031,
(301-253-1687)

Membership Chairman – Doug Baum, 11205 Golden Meadow Ct., Germantown, MD 20876-1740,
(301-515-4641)

Downstairs Showchair – Holly McNeil, 22 South Duke Street, Rockville, MD, 20850-1014,
(301-605-7179)

Upstairs Showchair – Dave Tiktinsky, 9209 Laurel Oak Drive, Bethesda, MD 20817-1937,
(301-365-2812)

Property Manager – Joel Rosen, 833 Rampart Way, Union Bridge, MD 21791-9325, (410-775-7937)

Immediate Past President – Chris Luzier, 847 Springdale Drive, Millersville, MD, 21108-1436,
(443-995-5363)

EFMLS Liaison – Wendell Mohr, 9509 Emory Grove Road, Gaithersburg, MD 20877-3501,
(301-926-7190)

Bulletin Editor– Olivia Luzier, 847 Springdale Drive, Millersville, MD 21108-1436
(editor@glmsmc.com)

Life Members: Larry Harrison, Wendell Mohr, Juan Proaño, and George Durland

Society Address: Gem, Lapidary, and Mineral Society of Montgomery County MD., Inc.
P. O. Box 444, Gaithersburg MD 20884-0444

Website: <http://www.glmsmc.com/>

All Society correspondence is to be sent to this address except that which is intended for The Rockhounder and its editor. Such items are to be sent to the editor's email address at editor@glmsmc.com.

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