



THE AGATEER

The Newsletter of the Madison Gem and Mineral Club

Volume 17, Issue 11

November 2019

Program – November 26

A Brief Look at the Geology of Iceland

Presented by Scot Moss

Join us for this month's program about the "land of fire and ice". Scot will share a presentation about his trip to Iceland. In addition to sharing the spectacular waterfalls, fjords and beautiful scenery, we will learn about the geologic activity and glacial features. The geology of Iceland is unique and of particular interest to geologists. Iceland lies on the divergent boundary between the Eurasian plate and the North American plate. It also lies above a hotspot, the Iceland plume. The plume is believed to have caused the formation of Iceland itself, the island first appearing over the ocean surface about 16 to 18 million years ago. The result is an island characterized by repeated volcanism and geothermal phenomena such as geysers. Glaciers cover about 11% of Iceland. As many glaciers overlie active volcanoes, subglacial eruptions can pose hazards due to sudden floods produced by glacial meltwater, known as jökulhlaup. Icelandic glaciers have generally been retreating over the past 100 years.

MANY THANKS TO OUR MANY VOLUNTEERS

The Show Committee would like to extend a special thank you to everyone who volunteered time to make the 2019 Madison Gem & Mineral Club our best yet! All of our volunteer shifts were spoken for well before show time.

**Next Meeting: Tuesday,
Nov. 26 at 7p.m. in AB20
Weeks Hall
UW Dept. of Geoscience**

Madison Gem & Mineral Show
November 23 & 24
Alliant Energy Center
Our biggest event of the year!

Notes from the Board

The Board has finalized a set of rules for use of the Lapidary Lab that will be posted on the shop bulletin board.

MGMC Lapidary Shop Rules **MGMC Members \$5/4 hrs. Non-members \$10/4 hrs.**

- 1) Non-Members must take the Introduction to Lapidary course before using the equipment.
- 2) All Lapidary shop users will sign-off on the shop procedures and guidelines on the waiver form.
- 3) All shop users must participate in clean-up of equipment they use and the common areas. The shop supervisor will provide guidance.
- 4) Shop users shall tie up loose hair and prevent wearing of excessively loose clothing while using equipment for safe operation.
- 5) The shop supervisor on duty will retain the right to refuse access to equipment by anyone based on appropriate dress, attitude, or being of clear state of mind.
- 6) Non-compliance with these requirements may result in loss of privileges for the Madison Gem & Mineral Club lapidary lab use.

Thank you.

Club Shirts Available at the Show

Brand new club t-shirts will be available at the show for purchase. Thanks to the submission of several designs, there are three different shirts to choose from! Also the very popular cloth bags with the club logo are back. Show your MGMC pride and pick up a shirt or bag.

Competition Schedule 2019

All members are urged to bring specimens for the monthly competition. Questions may be directed to Carlos Peralta, at 509-2836. Cash awards: 1st place \$10; 2nd place \$5. Unless specifically instructed, the specimens for the Competitions described below can be self-collected, or purchased, or given to you by somebody else. Please make sure to write a short description (including the name of the specimen) on a 3 X 5 card or similar.

November 2019 Like it Rare?

Rare rarities. Bring the rarest non-radioactive specimen in your collection. This is your chance to show us your Poudretteite, Red Beryls, Pezzotiates, Golden Coral, Benitoite, Calaverite, Japan Law twin, Copper skull, Copper included agates, double sceptered quartz crystal, Whoknowswhatthisite, fossil coelacanth, Queen Elizabeth's nose ring, or anything in your collection that is rare.

December 2019 – No meeting. Attend the MGMC Club Christmas Party – Watch this space for details.

Can you match the specimen name with it's most commonly found shape or form?

SPECIMEN

FORM

1 THUNDEREGG

A



2 GEODE

B



3 FLUORAPATITE

C



4 GALENA

D



5 APOPHYLLITE

E



6 AGATE

F



7 TOURMALINE

G



8 QUARTZ

H



Club Officer Openings

Voting for Club Officers will be held at the November meeting. Any member with current dues paid may submit their name for nomination for the following positions: President, Vice-President, Secretary, Program Chair and Membership Chair. The Board prefers club members with at least 3 years' continuous enrollment may submit their name for Treasurer. A vote of members for the slate of nominees will be cast at the November meeting. Interested members should contact president Rick Zweifel for more information about the positions.

We have openings for a Membership Chair and a Publicity Chair. See the table below for more information about these roles.

Membership Chairperson	<ul style="list-style-type: none"> Welcome new members at club meetings Notify newsletter editor and web administrator of detail Organize two annual club gatherings: Summer Picnic in August and Christmas Party Ensure new members are receiving club information such as newsletters, e-mails, facebook messages and have access to the club website. Engage the membership in activities at club meetings such as raffles or door prizes 	<p>1-2 hours per month preparation in general</p> <p>2-3 hrs in July/Aug and Nov/Dec for events</p> <p>Attend club meetings Attend both the picnic and Christmas party</p>
Publicity Chairperson	<ul style="list-style-type: none"> Assist with promoting the Annual Gem & Mineral Show by handing out flyers and poster at meetings. Ensure yard signs are handed out and collected for the show Place notices of the Annual Show in magazines and on-line publications Post messages to facebook for: Monthly club meetings, Open Lab times, Special events like field trips, Summer Picnic and Christmas Party 	<p>About 1 hour each month</p> <p>2-3 hours in November</p>

Calendar

November 23-24, 2019 Annual Show – Alliant Energy Center
November 26, 2019 MGMC Club Meeting, 7 pm at Weeks Hall
December 3, 2019 Board Meeting & Show Wrap Up

NOVEMBER 23-24: MADISON, WI Madison Gem & Mineral Club Annual Show. Sat 9:30 am - 5 pm; Sun 10 am - 5 pm. Alliant Energy Center. Contact: Nevin Franke, (608) 251-2601; burniesrockshop@gmail.com www.madisonrockclub.org

The Agateer is the official publication of the Madison Gem and Mineral Club. It is published monthly, and mailed as a benefit of membership to all Madison Gem and Mineral Club members. All items printed in the Agateer may be reproduced without permission if proper credit is given.

Madison Gem and Mineral Club Officers and Board Members:

President	Rick Zweifel	206-4981
Vice-President	Karl Allemeier	309-721-9097
Secretary	Jasmine Waldner	secretary@madisonrockclub.org
Treasurer	Rick Maske	212-4896
Newsletter Editor	Stephanie Sobczak	sgsobczak@gmail.com or 608-334-6142
Field Trip Chairpersons	Scott Olson, Holly Brassington, Karen Lederer	brassingtonhh@gmail.com ; olsens93@gmail.com ; KarenL@charter.net
Education Chairperson	Carlos Peralta	509-2836
Club Sales	Bob Thornton	469-5885
Membership Chairperson	OPEN	
Show Chairperson	Nevin Franke	251-2601
Publicity Chairperson	OPEN	
Program Chairman	Alan Hills	877-8939
Web Administrator	Kate Thornton	kate@madisonrockclub.org

Membership is open to all individuals, and applications for membership will be accepted upon payment of annual dues, which are \$15.00 for adults (18 and older), \$5.00 for junior members (ages 6-17), and \$20.00 for families. There is a \$6 surcharge for printed and mailed copies of the Agateer.

Visit the official website of the Madison Gem and Mineral Club at <http://madisonrockclub.org>

Madison Gem and Mineral Club
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