

ROCK TRAILS



Newsletter of the StateLine Gem and Mineral Society

VOLUME 54
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JANUARY 2014

2013 Officers and Directors

President: Edmund Jarzembki, 419 237-2000
Vice President: Cletus Brooks, 517 467-2333
Secretary: Patricia Baier-Hay, 517 263-8585
Treasurer: Doris Brzezicki, 517 263-1669
Past President: Richard Brzezicki, 517 263-1669
First Year Director: Charles Swanson, 517 436-9299
Second Year Director: Frank Kramic, 517 458-7191
Third Year Director: Armando Zamarripa, 419 906-7542
Show Chairman: Doris Brzezicki, 517 263-1669
Publicity: Richard Brzezicki, 517 263-1669
Sunshine: Catherine Choske, 517 423-3572
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Meetings are held the first Sunday of each month
at 2:00 PM
at 201 W. Main St., Morenci, MI 49256



Captain's Log

A Smooth Running Machine

The January meeting will feature our annual potluck dinner. Please bring a dish to pass. Following the dinner we will install the elected officers for 2014 and have a club meeting.

Two topics on the agenda will be the scholarship fund committee's findings on continuing the scholarship fund and updating, retiring, and reconditioning of our machines. Both of these topics require much discussion and your input will be valued.

This year I would like to concentrate our efforts on developing a more informed membership on the workings of our departments, committees, and offices. Many of our senior members desire to take on a mentoring role or move their efforts into other areas. Every member should have enough knowledge on the mechanics of our club committees to head them up or work confidently in a subordinate position. All members should have an understanding of what it takes to organize our annual show in June, to understand the role of the Rock Trails editor, and organize and maintain our web-site. Some of this information could come to the membership by a program after our meeting. An informed membership would develop more committee leaders and effective workers to make club operations run smoothly.

Happy New Year!

Best regards,
Eddie



The Treasurer's Addition



Dues for 2014 are now payable. A number of members have already paid their dues and if you joined the club in the last few months of the year, those dues cover 2014. The club policy is that members will continue to receive their newsletter thru March of the year following their current active membership. You can pay your dues at the next meeting or mail a check made out to State Line Gem & Mineral Society % Doris Brzezicki, 419 N Broad St, Adrian, MI 49221.

Our January meeting is the Installation of newly elected officers. It is a time for our renewal to our commitment to the State Line Gem & Mineral Society. Those of you who have attended one of our installations know I am referring to all members. Every single member is important to our club. It is wonderful to see members attending the meetings and sharing their ideas and suggestions. This past year has brought many improvements to the club and we look forward to more changes in the new year. **The January meeting is a pot luck, so bring a dish to pass and come ready to celebrate!**

Doris Brzezicki, Treasurer

The Secretary's Notes

November 3, 2013 meeting

The StateLine Gem & Mineral Society meeting came to order at 2:15 with Richard giving the invocation. The Pledge of Allegiance followed. President Ed had the group do introductions since there was a new member present.



Secretary's Notes:

Richard made a motion to table the notes till November due to various unforeseen events. Glenda seconded it, all were in favor, and the motions passed.

Treasurer's Report:

Richard gave the report, as Doris is recuperating. There's a healthy balance at this time. Electricity and rent have been paid for Nov. and the one thousand that was voted on to repay Marilyn was paid. A deposit for Hidden Lake Gardens was made. Some flyers were purchased and show applications were sent out. Glenda made a motion to accept the report and Bill seconded it. All were in favor and the motion passed.

Glenda made the gesture of paying for the club's booth at Art-A-Licious. We may want to consider more spaces next year. There were some new members that signed up from visiting the booth at Art-A-Licious. Kelly, another potential member from Lyons, wants her son to get involved.

Ed asked how the Tuesday classes/workshops are going. Richard said that usually his stained glass student will come, as well as Judy and her husband. Richard, Charlie, and Henry come in, too. Doris and Richard won't be able to attend on the 26th. Henry wants to do more days... maybe Tuesday and Wednesday.

Nominating Committee:

Richard said Henry agreed to be a nominee for Vice President, and Kelly agreed to be a Director. Hopefully Sandy will continue as our Editor. Cletus was asked to be President, but protested, saying he felt he wouldn't be doing the club justice. So the committee has to go back to the drawing board. Does anyone have any suggestions for the committee? The club votes in December.

There will be a cookie exchange in December for anyone interested in baking.

Club member fees are currently due for 2014.

Cletus was able to find out that the badge price was seven dollars apiece, based on a 25 count order. He also said he could do some beveling on them. Richard made a motion to authorize Cletus to purchase and order the name tags with the magnet or pin option. Glenda seconded the motion. All were in favor and the motion passed.

Richard showed the group a shirt that Doris had had made up with the club emblem embroidered on it. He also passed out cards in case someone wanted to have one made.

Richard made a motion to adjourn and Cletus seconded it. With all in favor, the meeting ended.

Respectfully submitted,
Pat Baier-Hay

More Secretary's Notes

December 1, 2013 meeting

President Ed brought the Gem and Mineral Society meeting to order at 2:05 with Richard giving the invocation. The Pledge of Allegiance followed.

Secretary's Notes:

Doris made a motion to accept the report that was printed in the newsletter and Richard seconded it. I read the current notes (November's) that should have been in December's newsletter. I hope to have them printed in January's newsletter.

Treasurer's Report:

There is a healthy balance in our account. Rent, utilities and insurance have all been paid for December. Phyllis made a motion to accept and Judy seconded it.

Nominating Committee:

Due to personal illness, Richard didn't have much current information. As it stands, we need a nominee for the Presidency, which entails representing the club, being at the meetings, directing the club and deciding on the last word issues. Doris feels that Ed has been a good President. Ed said that he would consider another term of Presidency, if there weren't any other volunteers or nominations, which there weren't. So the current nominations are:

President – Ed Jarzembski
Director – Kelly Cleveland
Secretary – Pat Baier-Hay
Treasurer – Doris Brzezicki

Doris made a motion to cast a vote for the people who have been nominated. Phyllis seconded it, all were in favor and the motion passed. Ed said he'd like to get some other position, too, like someone to help the Show Chairperson (Doris). Doris felt he should have computer access for that. Ed said that may be something Marilyn could help him with.

Old Business:

Doris received a letter from an attorney asking the club to sign a quit claim deed and have it notarized (referring to the Depot property). We have signed something already, but they were wanting something more official. Henry asked if there were any legal fees involved in signing it, and Doris said no. Doris made a motion to take care of the deed and Richard seconded it. All were in favor, and the motion passed.

Doris brought up that she has been working on the budget and she felt we should follow up with the scholarship funds that we put into motion this past year. Some raffle money was supposed to go toward it. Doris said that she would like to see a scholarship chairperson/committee formed for it. The chair/committee would be responsible for finding a student or students, and the school location. Also, the student recipient should submit a report of status and proof of usage. This would be a good public relations event for the club. Glenda offered to research some information and Judy said she would help. Doris has a scholarship folder to help them get started.

Doris made a motion to advocate \$500.00 towards the scholarship fund, to be decided by the committee. Phyllis seconded. When asked if all were in favor, Henry protested and said that we need to put more money

The Secretary's Notes

continued

into the equipment. It was suggested that maybe we should do repairs and not get new machines. Cletus mentioned that the quality of work is designated by the quality of the equipment. He feels like we should liquidate what we have and put the funds into better machines. Ed said that one machine he has is a hodgepodge of stuff/parts. There is always a problem finding parts, plus stands and the manpower, too. We should either get the saw and others into top shape or sell them. Glenda said there should be a committee to determine what needs to be fixed or sold.

It was decided to table the motion regarding the scholarship. Richard, Henry, Sherm, Cletus and Ed all offered to work as a committee regarding the equipment.

Doris is hoping to open the gift shop to show and sell items. She feels that the shop should be open and used. Also, there is club mail (Rock & Gem magazine).

Doris needs grab bags (the bags themselves) for the Jackson show in March. Doris said she would bring in the items to fill the bags at the clubhouse. There was a hodgepodge of table covers used at the June show. Judy was unsure of size, but will do more investigating. Doris said maybe something dark and sturdy. We could get a plastic runner too, for protection.

Bill asked about snow removal, but Doris hadn't talked to the landlord yet. Glenda felt that we could ask about the spare room if the rent goes up. It is something to consider.

Richard made a motion to adjourn and Sherm seconded it. All were in favor, the motion passed, and the meeting ended.

Respectfully submitted,
Pat Baier-Hay



Helpful Hints

1. Don't try to cut and polish cabs while watching TV.
2. Always walk uphill while collecting large specimens.
3. Tin oxide will not work as well in your coffee as creamer.
4. Most worthwhile gemstones can be dug only during a rain or snow storm.
5. All worthwhile gemstones are a good 500miles away at the end of a dirt road at an elevation of at least 8,000 feet.
6. If you can't identify a mineral, call it jasper. No one else will know, either.
7. Don't spill dop wax on your wife's kitchen stove.
8. Don't store tumbled stones in the candy dish.
9. There are approximately 135 ways to polish jade, most of which don't work.

From Livingstones via The Paradise Gem via The RockRunner 12/2002

Pleochroic Gems and Minerals

What Are Color Changes and Color Shifts?

A “color change” stone changes color between two really obvious different colors, like Alexandrite going from bluish-green to pinkish-purple. Other more well known color change stones are Sapphire, Diaspore, and Garnet. A “color shift” stone will show a change of hues within the same basic color family, such as from yellowish green to grass green, or from yellowish red to brownish red. The latter is not really a color change, just a “shift” in color.

What Are Bi-Colored, Tri-Colored, and Parti-Colored Stones?

Bi-Colored: A mineral specimen or gemstone with two distinct colors which are clearly separated from each other. This is most commonly seen in Tourmaline and Ametrine.

Tri-Colored: A mineral specimen or gemstone with three distinct colors which are clearly separated from each other. This is most commonly seen in Tourmaline.

Parti-Colored: A mineral specimen or gemstone with multiple distinct colors blended together which are seen at different angles of observation. This is most commonly seen in Tourmaline and Sapphire. However, there are also color change and color shift Sapphires.

What Are Dichroism, Trichroism, and Pleochroism?

Dichroism: The ability of some gems to display a second color when viewed from a different angle.

Trichroism: Gems that display three different colors when viewed from different angles.

Pleochroism: The phenomenon whereby the color intensity or the actual color is different depending on the orientation in which a crystalline substance is observed. The changes in color may be seen from changes in position/angle or lighting conditions. They are true “color change” stones.

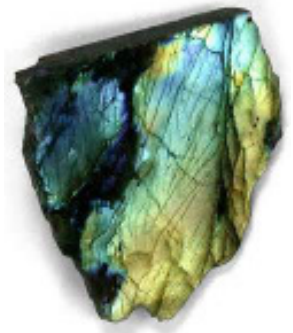
Which Gems and Minerals Are Pleochroic?

**The minerals listed below, or some of their varieties, have been reported to be pleochroic. Don't forget, just as with fluorescent minerals, there will always be exceptions. Some minerals which you will expect to change color will not, while some you do not expect to change color may. It may only be a slight change in color, or a 100% complete change of color.

Actinolite, Alexandrite, Amblygonite, Amethyst, Anatase, Andalusite, Andesine, Anhydrite, Apatite, Aquamarine, Axinite, Azurite, Barite, Benitoite, Beryls, Brazilianite, Carletonite, Cassiterite, Charoite, Chondrodite, Chrysoberyl, Citrine, Clinohumite, Clinozoisite, Danburite, Diamond, Diaspore, Diopside, Dioptase, Dumortierite, Elbaite, Emerald, Enstatite, Euclase, Epidote, Garnet, Hiddenite, Hodgkinsonite, Hyalite Opal, Hypersthene, Idocrase, Iolite, Jeremejevite, Kornerupine, Kunzite, Kyanite, Labradorite, Lazulite, Neptunite, Orthoclase, Painite, Parisite, Peridot, Phenakite, Prasiolite, Proustite, Purpurite, Rhodonite, Rose Quartz, Ruby, Rutile, Sanidine, Sapphire, Scapolite, Scheelite, Serendibite, Sillimanite, Sinhalite, Smoky Quartz, Sphene, Spinel, Staurolite, Tantalite, Tanzanite, Topaz, Tourmaline, Tremolite, Tryphillite, Tugtupite, Vivianite, Willemite, Zircon, and Zoisite.

**And many more!

**Source: “Gemstones of the World” by Walter Schumann



Upcoming Events

Jan. 5, 2014

StateLine Gem & Mineral Society

monthly meeting

2:00 p.m.

201 W. Main St.

Morenci, MI 49256

Potluck - Bring a dish to pass!

Feb 21 - 23, 2014

GeoFest:

The 12th Annual Indiana State Museum

Fossil, Gem & Mineral Show

Indiana State Museum

650 West Washington St.

Indianapolis, IN 46204

March 14, 15, 16, 2014

Michigan Gem and Mineral Society

2014 Annual Show

Jackson County Fairgrounds

American One Event Center

200 West Ganson

Jackson, MI

April 6 & 7, 2014

Central Ohio Mineral, Fossil, Gem & Jewelry Show

Northland Performing Arts Center

4411 Tamarack Blvd

Columbus, OH 43229

6 blocks east of I-71 on Morse Rd.

next to Menard's

Look for the yellow building

with the blue scaffolding tower.

Adults - \$7.00 2-Day pass - \$12.00 Children 6-16

- \$3.00 Children 6 & under are free Scouts. 4-H

uniform, or with ID free

Happy New Year





Rock Trails

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210 Chestnut St.
Adrian, MI 49221

Meetings are held the
first Sunday of each month
at 2:00 PM
at 201 W. Main St.,
Morenci, MI 49256

