

CML&MS
4519 Seneca
Okemos MI 48864

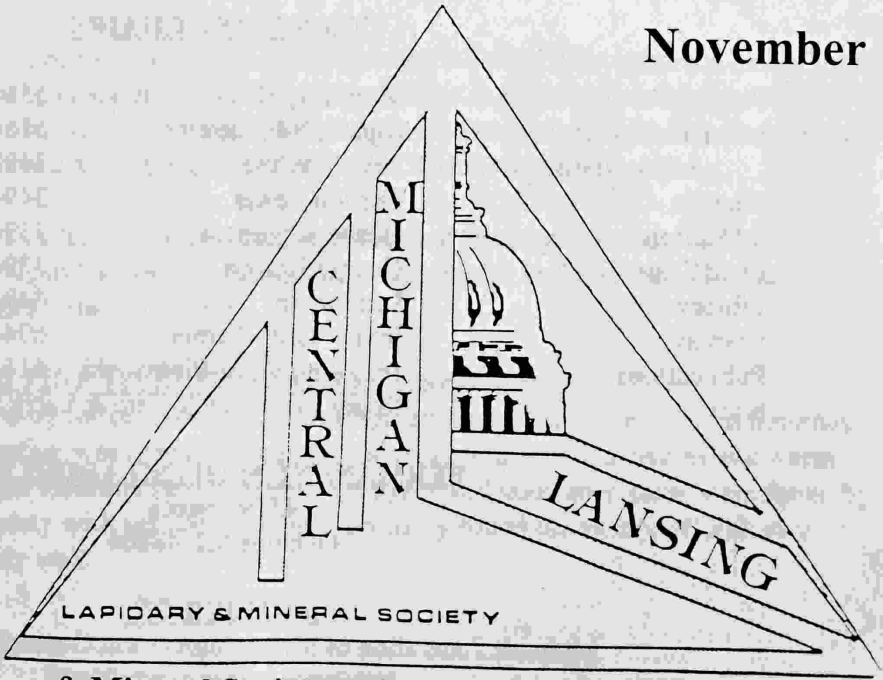
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Neil & Connie Snepp
1325 Orlando Dr
Haslett MI 48840

ROCKHOUND NEWS

November 1999



Official publication of the
Central Michigan Lapidary & Mineral Society
Member of MWF & AFMS

ROCKHOUND NEWS

This bulletin is the official publication of the Central Michigan Lapidary and Mineral Society of Greater Lansing, Michigan. It is published the second week of each month except July and August.

The Central Michigan Lapidary and Mineral Society is a non-profit organization, meeting to promote interest and increased knowledge in the fields of mineralogy, geology, paleontology and the lapidary arts. It was organized in May, 1957.

Meeting place: North School, 333 E. Miller Rd, Lansing MI

Meeting date: Third Thursday, except in July and August

Meeting time: 7:30 p.m.; doors open at 7:00 p.m.

Annual dues: Adults \$5.00, Students under age 18 \$1.00

OFFICERS 1999

President	Larry Bourland	543-6669
Vice President	Mary Kay Bean	351-1107
Recording Secretary	Mary Gowans	351-6136
Corresponding Secretary	..	
Roster Secretary	Wayne Zittel	485-2002
Treasurer	Alan Hukill	641-6125
1 Year Director	Ed Drown	347-5097
2 Year Director	Alice Turner	694-9596
3 Year Director	Gail Hopkins	886-6047
Liaison Officer	Bettie Patterson	347-8821

COMMITTEE CHAIRS

Program	Mary Kay Bean	351-1107
Membership	Rich & Lila Stevens	616-693-2733
Hospitality	Phyllis White	349-9159
Finance	Gordon Lewis	349-2263
Education	Duane Jorgensen	339-2812
Field Trips	George Heaton	339-8914
Library	Lee Laylin	349-3249
Display	Irwin "Grit" Turner	694-9596
Publications	Jean Ann Wahl-Piotrowski	616-948-9589
Show	Roger Laylin, Milt Gere & Larry Bourland	

PERMANENT MAILING ADDRESS

4519 Seneca
Okemos MI 48864

MEMBER OF:

Midwest Federation of Mineralogical and Geological Societies

<http://www.comean.com/rock/mwf>

American Federation of Mineralogical Societies

**FOLKS WITH LAST NAMES J-Q PLEASE BRING REFRESHMENTS TO SHARE!
PROGRAM: "MINERALS AND MAN" A VIDEO FROM THE MWF LIBRARY
MINI SILENT AUCTION, LIMIT 10 ITEMS PER PERSON**

ELECTION OF OFFICERS AT NOVEMBER MEETING

The proposed slate is as follows:

President	Mary Kay Bean
Vice-President	Ed Drown
Recording Secretary	Mary Gowans
Treasurer	Alan Hukill
Corresponding Sec.	Connie Snapp
3 Year Director:	Beth Stinnett

Other nominations are welcome the night of the election; however, you must have the permission of the person you are nominating.

THANKS FOR PROMOTING OUR HOBBY

Larry and Lorna trip keep up a display of minerals in their dentist's office, Dr. Grey in Mason. They have been doing this for several years, changing the display from time to time.

GEORGE HEATON'S REPORT

Our field trip for October was our 34th Annual Gem and Mineral Show on Oct. 22-24. It appears to have been a very successful show and field trip with lots of nice things to see in the exhibits and on the dealer tables. Attendance may have been down slightly from previous years, but lots of rocks were sold on both the Children's Table and silent auction. George Heaton did quite well on the swap table.

I want to thank all those people who helped at the Children's Table. They gave me lots of time to go eat food, go to pot, go look at stuff at the dealers' tables and exhibits, and just goof off. Thank you to those who moved stuff from and back again to Grit and Alice's place for storage, and helped set up and break down the Children's Table. Thanks again to everyone.

There will be no field trips for November and December and January. The next field trip will probably be to the Michigan Natural Storage Co. in Grand Rapids in February. That traditionally has been our first real field trip of the year.

SEPTEMBER FIELD TRIP TO DUFF QUARRY-- George Heaton

We had six people show up for our field trip to Duff Quarry near Hunstville Ohio on Saturday, September 25. The weather was near perfect again, as usual, with bright sunshine and warm temperatures. The bright sunshine helped expose the pyrite and good specimens were found by all of us. Sandi Senkeresty with her super eyeballs probably found the most stuff, but even George Heaton did fairly well.

IN MEMORY... WILLIAM "RED" ROGERS-- Florence Hill

With the death of William "Red" Rogers October 27, CML&MS lost one of its most loyal supporters. Red and Bessie came to our very first mineral show in 1964, were fascinated by what they saw, and embraced the hobby and our club enthusiastically.

They were avid field trippers, as the bags of fossils and other rocks they bore home testified. They became familiar figures at rock shows and conventions. They were successful dealers, both at their home rock shop and at shows until the heavy work became too much for Red. Through reading and observation Red made himself very knowledgeable about rocks, minerals and fossils.

The Rogers are members of several other clubs and active workers in the Michigan Geology and Gemcraft Society (MGAGS). Red served as an Assistant State Director of the Midwest Federation in the mid-Michigan area. He was respected for his honesty and straight forwardness.

Red was always willing to do anything he could to help the club. He served as field trip chairman, show chairman, and president (1974.) His most recent stint was as door prize chairman. Red will be sadly missed. A fossil, which Red had intended to make into a bola, has been added to the club case in his memory.

CORRESPONDING SECRETARY REPORT-- Connie Snepp

A note went to Bettie Patterson on Oct. 6 saying that we hoped she would soon be out after a summer of orthopedic problems. We got a quick response as she made it to the Board Meeting on Oct. 7 and was active at the show.

Mary Kay sent a card to Neil Snepp who has had a month of muscle pain and weakness in his legs.

Howard Randolph is undergoing both chemo and radiation for cancer. His cure rate is good, so our prayers are with him as he endures the downside of his treatment.

Lucille Puryear was remembered with a card as she is also fighting cancer.

Both Mary Kay and Lindsey Bean had October surgeries scheduled. Lindsey's has been postponed until November.

Neil and I will be in Florida until the middle of December. Linda Ogsten will be my *pro tem*. Her phone number for reporting illness and deaths is 374-9553.

YOU MIGHT BE A MINERAL COLLECTOR IF...

<http://members.aol.com/eukaryote/SciHumor/geologist.html>

- *You can pronounce "molybdenite" correctly on the first try.
- *You think the primary function of a road cut is that of tourist attraction.
- *You own more pieces of quartz than underwear.
- *You associate the word "hard" with a value on Moh's scale instead of "work."

MEMBERSHIP NEWS

Welcome back to one of our "old" members Ernest Aughenbaugh! His interests include just about everything...archaeology, carving, faceting, fluorescents, fossils, lapidary, metalcraft, tumbling and wirecraft. His address: PO Box 67, St. Johns MI 48879. 224-7619

Welcome to NEW member Linda Kesterson. Linda enjoys archaeology, carving, fossils and geology. Other than rocks she is interested in art, photography, handcrafts and music. Her address: 817 N. Clinton Lot #427, Grand Ledge MI 48837. 627-0499

Life member Lola Pearson has left Alaska for Idaho. Her new address: 2903 North 2300 East, Twin Falls ID 83307. (207) 733-0388

CENTRAL MICHIGAN LAPIDARY & MINERAL SOCIETY
TREASURER'S REPORT
SEPTEMBER 1, 1999 - SEPTEMBER 30, 1999

BALANCE ON HAND(09-01-99)	
CERTIFICATE OF DEPOSIT(07-16-2000)	\$11664.95
COMERCA BANK SAVINGS	8907.70
COMERCA BANK CHECKING	295.34
TOTAL	\$20867.99

RECEIPTS:	
TRANSFER FROM SAVINGS TO CHECKING	1000.00
TOTAL	1000.00

DISBURSEMENTS:	
1999 SHOW	56.89
PUBLICATIONS	139.54
MISCELLANEOUS	10.00
4H	5.00
TRANSFER FROM SAVINGS TO CHECKING	1000.00
TOTAL	1211.43

BALANCE ON HAND(09-30-99)	
CERTIFICATE OF DEPOSIT(07-16-2000)	\$11664.95
COMERCA BANK SAVINGS	7907.70
COMERCA BANK CHECKING	1083.91
TOTAL	\$20656.56

RESPECTFULLY SUBMITTED,

ALAN HUKILL, TREASURER

CENTRAL MICHIGAN LAPIDARY & MINERAL SOCIETY
TREASURER'S REPORT
OCTOBER 1, 1999 - OCTOBER 31, 1999

BALANCE ON HAND(10-01-99)	
CERTIFICATE OF DEPOSIT(07-16-2000)	\$11664.95
COMERCA BANK SAVINGS	7907.70
COMERCA BANK CHECKING	1083.91
TOTAL	\$20656.56

RECEIPTS:	
TRANSFER FROM SAVINGS TO CHECKING	4500.00
SILENT AUCTION	4.25
INTEREST (SAVINGS)	21.66
1999 SHOW	10089.33
DUES	136.00
RENT REBATE	20.00
TOTAL	14771.24

DISBURSEMENTS:	
1999 SHOW	3884.94
PUBLICATIONS	124.20
CORRESPONDING SECRETARY	36.88
LIBRARY	18.00
TRANSFER FROM SAVINGS TO CHECKING	4500.00
TOTAL	8564.02

BALANCE ON HAND(10-31-99)	
CERTIFICATE OF DEPOSIT(07-16-2000)	\$11664.95
COMERCA BANK SAVINGS	13322.94
COMERCA BANK CHECKING	1875.89
TOTAL	\$26863.78

RESPECTFULLY SUBMITTED,

ALAN HUKILL, TREASURER

Friends and Gems

from *Golden Spike News*, via *The Yellowstone Deposit* and *Ft. Lewis Rock Club News*

Rockhounds who have been in the hobby for some time begin to realize that the most precious gems they have collected are the friends they have made along the way. Some are still in the rough; some are highly polished; some are dull and colorless until viewed in the right light. And like every gemstone in nature, they also have inclusions, sometimes referred to as flaws. If we enjoy them as they are, realizing that their warmth and beauty make up for their imperfections, if we concentrate on their better aspects, the flaws become insignificant and merely marks of individuality.

AFMS Newsletter 10/99



Polishing Obsidian

Though obsidian is comparatively soft, it is still very important to sand away all scratches before going to the polish. Sanding should always be done wet, since obsidian is heat sensitive and very brittle. For the final polish, felt with cerium oxide is the best choice. Keep the polishing wheel wet. A dry polishing wheel will result in blisters and scratches.

From: Rock Pickings, 8/96
The Backbender's Gazette
12/96
Via : Rock Trails 3/98

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What is a Phantom Crystal?

A phantom crystal is actually a crystal within a crystal. The makeup of the phantom must be the same as the one which enclosed it. There may be more than one inside a single crystal. The usual explanation of phantoms is intermittent growth, growing for awhile, then stopping. For a period the crystal is exposed and a very small amount of foreign matter (dust, etc.) falls on its surface.

The conditions then change and the crystal starts to grow again, with the possibility of this happening several times. The result is a crystal that appears to have one or more crystals enclosed within it. Sometimes phantoms are oriented the same as the enclosing crystal; at other times they are not. In clear crystals, such as quartz, the enclosed crystal appears shadowy and faint, and therefore we have the name Phantom. The difference between a phantom and inclusion is that the inclusion must be a different mineral species.

Via: Chip & Lick
Show-Me Rockhounds, Inc. 11/98
From: The Jaspelite 7/99

Via The Prospector 10/99
(Muskegon)



Slip - Slide

by Me Albright - RMFMS Safety
Chairman WWW.AFMS.org

Did you ever hear about the "angle of repose"? No, it's not how you stretch out when you want to rest or sleep. It is an important factor in the

design of earth or rock structures and what keeps you safe or puts you in danger when you are on a field trip. Simply, the term means that, for each material - rock or sand or earth or grain or any other mixture of particles - there is a slope, or angle, at which material starts sliding down a bank. If the pile is at a lower angle, the bank is stable. If the pile is at a higher angle, the bank is unstable - and may start sliding at any time. You've seen this effect in digging a hole. Stuff slides back in even as you are trying to dig it out. It is important to note that the slope may not slide until some outside force triggers it - witness avalanches and landslides.

So, whenever you are digging in a hole, or exploring a bank, or exploring a quarry or mine, or a rock pile or a tailings dump, you are counting on the angle of repose to keep you safe and not allow you to be suddenly buried under a bunch of dirt or rocks. And the angle of repose is not constant. Wet material may slide much easier than dry. So what was safe before the rain is unsafe after the rain. Remember, too, that ALL tailings and other mine dumps are at their angle of repose because of the way they were made.

The unfortunate part is that you cannot know whether the material around you is at its angle of repose or above it. So, you cannot know if you are safe or whether a blow from your shovel will trigger a slide or someone walking above you or what. And, almost every day we read or hear about someone dying because of the failure of a bank - in mines, in quarries, children digging caves, rockhounds hunting rocks, workmen digging ditches.

So how do you work safely? Well, if you are digging, always dig a hole - NOT a cave (even a little one). And, although it's far more work, dig the hole with gradually sloping sides. And, if on a rock pile or tailings dump, be sure there's no one above you who might start a slide. And, if around a bank, test it a little with a hard blow or two or a "stomp", and, again, be sure there's no one working above you. And, in every case, wear a safety helmet - the proverbial 'hard hat'. Wal-Mart carries them - and they are not expensive.

Via Grindings 8/99.

Rockcollector 9/99



New Herkimer Locality Opens

Dean Lagerwall, BGS Field Trip Chairman

The Treasure Mountain Diamond Mine in Little Falls, NY has been opened as a tee site (as of Memorial Day Weekend). The smoky scepter quartz crystals that are found at this site are truly unique and beautiful (see recent Mineralogical Record for picture). In addition, jewelry quality crystals (with and without anthraxolite inclusions) and large "klunkers" can be found here, depending on the part of the mine in which you dig. The calcite crystals (can be larger than a fist) found here often have perfect "diamonds" inside.

Rock collector 9/99
This locality has the typically hard "Herkimer Rock" but the amount of overburden is much less than that of the other more popular Middleville, NY mines. Thus, some hard work is required to get the desired scepters. However, because the diggings are closer to the surface, some cracks are in the rocks and wall mining is slightly eased. There are (as of yet) no signs of the huge vugs full of crystals as found at Middleville, but this is one of the few localities where these unique smoky scepters can be found.

To reach this promising locality, from the NYS Thruway, take exit 29A (Little Falls). Go through the tollbooth and travel about 1/4 mile. Turn left onto route 169. Go another 1/4 mile and turn right on State Route 5S. Go 1.8 miles (up the hill) and the entrance will be on the right (Barn next to 3 silos). The barn is the office and is open from 9 a.m. to 6 p.m. daily through November. Cost to collect is \$10.00 per person. For more information and a first-hand account of the collecting, call Dean Lagerwall (691-9147).

From 9/99 Geoletter, Buffalo Geological Society.

What's the Difference?

A NODULE is a rounded mass of irregular shape, a little knob or lump of any mineral. The word nodule comes from the Latin word meaning "knot."

A GEODE is a nodule that is hollow or has a cavity that is often lined with one or more minerals. The word geode comes from the Greek word "earth form."

A CONCRETION is a mass formed by the aggregation and precipitation of some minerals like quartz or calcite around a nucleus that is often a fossil. The word concretion comes from the Latin word "to grow together."

via The Rockhound, 7/99, via The Cowtown Cutter, 7/99.

Pearls, Schmurls:

Ref. The Pearl, by Fred Ward

Fact: Australian aborigines considered pearls to be an inconvenience when accidentally cracking their teeth eating north-coast oysters, and therefore worthless. Children used pearls as marbles.

via Chapparral Chatter 12/98, The Backbender's Gazette 8/99

CLUB CALENDAR

- Nov. 18 Regular Meeting, North School, 7:30
- Dec. 2 Board Meeting, Meridian Twp. Service Center, 7:30
- Jan. 15 Open House in Larry Bourland's classroom, Charlotte Middle School

SPRING SHOWS

- March 11 & 12 Roamin Club auction. Sat. 11-6 Sun 12-6. Schoolcraft College, Waterman Campus Center Bldg., 18600 Haggerty Rd, Livonia
- March 17-19 Jackson Show. Fri. 11-7, Sat. 10-7, Sun. 10-5. Michigan Center Masonic Lodge, 355 Napoleon Rd., Michigan Center
- April 7-9 Mt. Clemens Show. Fri. & Sat. 10-7, Sun. 11-6. Mt. Clemens Recreation Center, 300 N. Grosebeck, Mt. Clemens
- June 2-4 "Dearborn" Show. Allen Park Civic Arena, 15800 White, Allen Park

FROM THE ROSTER ROOSTER -- Wayne Zittel

NOW is the time of year to pay your **dues**. Please do so promptly, so our directory can be published promptly!

NOW is also a good time to order a **name badge** if you would like one! Orders are placed only twice a year.

DUES: Adults \$5.00

Student's under age 18 \$1.00

NAME BADGE: \$7.00 (includes club logo triangle & name plate)

Complete the form below and return with your check to Wayne Zittel at the meeting or via mail:

3401 Walker, Lansing MI 48906

Yes, I/we wish to renew my/our membership in CML&MS for the year 2000.

Name(s) _____

Address _____

City & State _____

Phone _____ E-Mail _____

I would like to order a name badge for \$ _____

Check enclosed for \$ _____