

The Petoskey Stone

OAKLAND COUNTY EARTH SCIENCE CLUB
WWW.OCESC.COM

APRIL 2010

A stylized logo with the words "BIG SALE" in a bold, red, sans-serif font. The letters are slightly shadowed and have a 3D effect.

Club Auction

7:00

*Note the earlier
time !*



April Refreshments

Chris Shull
Sue Klopfer

April Auction

We look forward to our April silent auction all year and it's just a few days away. Note that our official club meeting starts at 7:00 and we hope it will be short. We will be in the church basement, which gives us plenty of room to move around tables. We'll explain any rules or procedures before the auction.

Then we begin. We have plenty of specimens and a good variety, so come with a container to carry home your prizes, wrapping material, cash or checkbook, and a competitive spirit to GO, GO after those beauties you deserve more than Joe Blow, your opponent.

See you there and I may want it more than you. Good Luck !

-Katherine Van Hoy

Hi Club Members, I am sure we all learned a lot from the items Dwight had to show us. How does one man get so lucky? Thank you Dwight for your presentation. Thank you Linda Whitehead and Eric Palmer for the nice refreshments.

Our April meeting is our SILENT AUCTION plan to have a good time and get some great treasures. Chris Shull and Sue Klopfer will be taking care of the refreshments for our April meeting. -Betty Cockerham

Banded Iron Formations: Why then and not now?

By John Washburn, Geology Assistant,
Midwest Federation of Min. Societies

After the earth was formed out of the debris of the universe, it was a fiery, molten landscape of lavas known as the Hadrian Era of the Precambrian. Then the earth began to cool and water began to collect from water-bearing meteorites bombarding the firmament.

Then 3.8 billion years ago, anoxic (without oxygen) life was established in the oceans and thus began the Achaean or ancient life Era. Since there was no oxygen at this time, all life was anoxic. All the minerals that formed were sulfides precipitated out of the oceans' waters. These sulfides were composed of metals extruded from the black smoker vents along the expanding mid-ocean ridges.

Meanwhile, in the shallows of the continental margins, a new life form related to our modern corals, the stromatolites, was flourishing. This life form was a type of blue-green algae. It built up a calcareous structure upon which it could collect sunlight through shallow water for photosynthesis...

Finish reading this article and check out more "good stuff" in the Midwest Fed's March newsletter at

www.amfed.org/mwf/newsletters.htm

--Laura Sheffer

Upcoming Events (more events can be found at www.rockngem.com or

<http://www.amfed.org/mwf/Calendar/>) For detailed information, please visit the club's website.

Apr. 8-10, Indian Mounds Annual Show at Rogers Plaza, 28th St. ¼ mile west of US 131, Wyoming MI, www.indianmoundsrockclub.com

Apr. 16-18, Mt.Clemens club Gem Mineral & Jewelery show, Displays, Lectures, kids area, auction, dealers and demos. Admission donation- Family \$6, Adults \$3. Roseville Rec. Center, 18185 Sycamore. Info- Jacquie Swain 313-729-5960

April 23rd – Arbor Day; www.arborday.org

Apr. 24-25, Blossomland Swap n Sell, 3271 Lincoln Ave, St. Joseph, MI. 10am-4pm. for Info, blossomlandgemandmineral@yahoo.com

Apr. 30-May 2, Kalamazoo club show 'Fantastical Fossil', 2900 Lake St, Kzoo MI, gems, jewelry & minerals, door prizes, gold mine, geode cracking; Donation \$3, info Kitty Starbuck 269-649-1991

May 22-23, Marv & Kitty Starbuck's Huge Rock & Min Sale- 7636 East V avenue, Vicksburg, MI, Sat. 9-6, Sun. 9-4, 269-649-1991.

Jun 12-13, MGAGS Rockhound Seminar, Webberville School, 309 E. Grand River, Webberville MI (12 miles east of Lansing); info www.mgags.org

2010 Refreshments

Jan. Jane Gunterman & Linda Whitehead
Feb. Phyllis Keene, Debbie Rathburg, Lynnette West
Mar. Linda ____, Eric ____
April Chris Shull, Sue Klopfer
May Jackie Presson, Monica Rowe
June Banquet
Sept. _____
Oct. _____
Nov. _____
Dec. _____

2010 Programs

Jan. Brady's – Recycling Today
Feb. Roberta Thomas - Selenite
Mar. Dwight Keith
April Silent Auction
May ID specimens- bring yours!
June --
Sept. --
Oct. --
Nov. Club Member Swap/Sale
Dec. --
(Details of remaining month's programs is coming).
--Betty Cockerham, Program Chair

April Birthdays

4 KATHERINE VAN HOY
5 GARY TRUHN
8 JUNE SWAIN
20 LAURA WOERNER(99)
24 NANCY MATHURA
28 BETTY COCKERHAM

And this our life, exempt from public haunt,
finds tongues in trees, books in running brooks,
sermons in stones, and good in everything.

-- William Shakespeare



A Note From Dave, our Webmaster--

Check the link:

<http://www.ocesc.com/Events.html>

I have also added a link to the Macomb County Gem & Lapidary Society which lists their many classes. Some are starting soon so you might want to take a look. (Click on the links box on the left side of our home page)

Hope to see you all at the auction! Best Regards

--Dave Whitehead

OCES Board Meeting: Meeting called to order 6:25 pm. Attending: Tom Pearson, Tony West, Katherine Van Hoy, Betty Cockerham, Maria Petminga, Nancy Pfauth, Leon Pierson, Eleanor Snyder, Dan Woerner, Linda Whitehead, Dwight Keith, Gerry Runkle. Board minutes were approved as published in the Petoskey Stone. Treasurer's Report was approved. Motion made and seconded to have the Board Meetings start at **6:30 pm**. Grinding Room: Ordered new barrel for tumbler. Betty Cockerham has printed advertisements to put out in schools, etc. Tonight's refreshments will be served by Linda Whitehead and Eric Palmer. Rose Woerner will have a Zen Gardens project for the kids tonight. Katherine Van Hoy has the library booklist. Linda has the series "How the Earth Was Made" available for borrowing. The Silent Auction will start at 7:00 pm next week. Rose Seibert needs help mailing the Petoskey Stone. Jim Rives will be unable to host this year's picnic, so we will need to find a new location. Possible sites could be the Hess Hathaway Park or the CAI covered area. MGAGS needs instructors for their classes to be held in Webberville on June 11 & 12. Dwight is going to have shoulder surgery on March 24th; we wish him a speedy recovery. Meeting adjourned at 6:50 pm.

OCES MARCH 3, 2010 GENERAL MEETING: Minutes were approved as printed in the Petoskey Stone. Treasurer's Report was given and approved. Leon brought up the idea that anyone who helped sort for the Silent Auction, will get free "bucks" that can be redeemed for purchasing items at the auction. Betty Cockerham has posters to advertise out club. Grinding Room and Leon's classes have resulted in several new members: Eric Palmer, Sean Henderson, Julie Piske, Richard Dziurda, Tom Bellar and Paulette Barterian. Welcome to all! Taylor Rock Show will be March 27th. Jim Rives had information on Mine Safety classes to be held in Dearborn and Toledo. Jim and Pat will be going to Kentucky at the end of March to dig for geodes and will gladly give out directions to the dig area. Eleanor Snyder has a new member list available. Dave Whitehead mentioned that we should email him with any information about shows, etc. so he can put it right on the website. The Silent Auction will start at 7:00 pm. Help may be needed to return items to the CAI afterwards. Club "bucks" will be given to those volunteers who helped with sorting. MGAGS classes will include fossils, lampwork, beading, etc. to be held June 11 & 12 at Webberville. Refreshments will be given by Linda Whitehead and Eric Palmer. Dwight Keith gave a great presentation about some of the things that he has found at garage and estate sales. Anything from Kachina dolls, crazy quilts, amber, and an Indian war club, are out there for the lucky finder. Go to estatesales.net for more information. Meeting adjourned at 9:50 pm. Respectfully submitted, Chris Shull, Secretary.



Shop Tips- “Hidden Dangers”
From Tulip City Conglomerate, March 2010

Acetone: An industrial type solvent containing harmful vapor.

Hydrogen Sulfide: By-product of sulfur and water. Deadly Poison!

Manganese: In dust or vapors, it can damage the nervous system.

Quartz, Agate, Sandstone, Granite, Chert, Flint: All are of the silica rock family. The dust from this family contributes to silicosis of the lungs.

Styrofoam: When heated or burned, releases toxic gases.

Abalone: Grind and polish only when wet. Be aware that any odor detected is highly toxic.

Malachite: Work wet as the dust created when working dry is toxic.

Lead: Known to enter the body from dust, fumes and water. It can damage the brain and neuromuscular system.

While it is not healthy to fear everything, one should be aware of hidden dangers in apparently innocent looking material that we all use extensively in our hobby. If you are using a material that is new to you, read up on the materials and heed any warning. We want all lapidaries to remain healthy.

Earth Day is April 22nd

With the approach of Earth Day, here are some facts extracted from the web about how Earth is doing, according to ‘livescience.com’...

Arctic Meltdown: After dramatic meltdowns in recent summers that have left Arctic ice thinner than in the past, some scientists are increasingly worried about the future survival of Arctic sea ice. One recent study estimated that Arctic waters could be [ice free](#) in the summer in a little as 30 years. Such catastrophic melt could reinforce the global warming trend and further imperil Arctic residents, from humans to narwhals and polar bears, which were listed as an Endangered Species in May 2008.

Hole in the Ozone layer: The ozone layer protects Earth by absorbing harmful ultraviolet rays. Efforts to ban or reduce the chemicals that eat away at the ozone in the stratosphere have initiated the gradual recovery of the hole that has developed in this layer. This recovery will take decades because pollutants hang around for a long time. So far the ozone hole over Antarctica has remained about the same size, fluctuating year-to-year with changes in wind circulation patterns. If countries hadn't acted to ban ozone-destroying substances, the situation could have been worse.

Forested areas, particularly rainforests, are key areas of biodiversity; they also absorb carbon dioxide and produce oxygen. Globally the rate of deforestation is about 32 million acres a year. Large swaths of the Brazilian Amazon [have been chopped down](#) to make room for crops and cattle, and the rate of clearance seems to be speeding up. The Brazilian government has made strides in protecting forests. Asia and Africa have also seen rising rates of deforestation.. Forests in the United States and Europe are fairing better, as reforestation has occurred in the last decade.

THE PETOSKEY STONE

Welcome Our Newest Members---

PAULETTE BARTERIAN
NOVI

TOM BELLAR
.STERLING HGTS.

RICHARD DZIURDA
WATERFORD

SEAN HENDERSON
WATERFORD

JULIE PISKE
WATERFORD

HOW CAN I HELP? by Lyle & Colleen Kugler

You have been following along as we have written about how you and your club can help **the Cancelled Stamp Committee**. The first batch of sorted stamps were recently received. What a huge help! We then asked, "Was the club information included with the stamps?" The answer was "NO." That is when we discovered another article is necessary.

In order to give proper credit to the appropriate person and/or club, please include the information on the form below when sending in your cancelled stamps.

Club Name _____
Person Responsible _____
Address _____
Do you want a Thank you letter sent? YES NO (circle one)

Send **cancelled postage stamps** for the Endowment Fund, along with the above form, to:
Lyle Kugler, 612 S.E.
3rd St., Aledo, IL 61231.