



Eastern Indiana Gem & Geological Society **November 2016** **ROCK PICKINGS**

P.O. Box 1724 • Richmond, IN 47375 • eiggs.weebly.com • facebook.com/EasternIndianaGemGeologicalSocietyEIGGS

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Memberships:

Annual dues
\$15 Individuals
\$20 Families

Please send dues to:

EIGGS
PO Box 1724
Richmond, IN 47375

1 Next meeting: Thursday, Dec. 1, 6:00 p.m.

PRESIDENT'S MESSAGE



Mark Lisota works on the roof during the fall Club Clean-up Day.

Hello, rockhounds:

As we close out 2016 I want to reflect on the year that was. We accomplished a lot! Several repairs were made to the building, we had successful member training, it seems like a record number of members are selling their wares at shows, bazaars, markets and retail stores, members have given their time to other organizations like the Boy Scouts, Girl Scouts and 4-H, and we had a couple clean-up days. I want to keep the momentum going and accomplish even more next year. Everyone has helped to make this club better and better. My sincere thanks to all of you.

Our annual Christmas party will be held at the clubhouse on December 1 at 6 p.m. Ham and drinks will be provided by the club. Please bring a side dish.

Nominations for club officers have been made by the nominating committee. Our next meeting is your chance to add someone to the ballot, if you wish. We will be voting for 2017 club officers right before dinner.

Grab bag filling has been postponed to the January meeting.

If you want to participate in the gift exchange this year, there has been a slight change from previous years. ALL gifts must be rock/gem/mineral related and the minimum value is \$10.

As always, it is great to see Charlene back at the club. We are grateful that you are recovering nicely.

Merry Christmas and Happy New Year!

Mark

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Welcome new members



A new member with a new cabochon

PAGE 3

Holiday party planned



Check page 3 for party details

PAGE 8

Class wrapped up



Deb Chagares teaches wire wrapping

PAGE 5 & 6

Upcoming art fairs



Joy Ingerman's "Joyful Designs"

Members signed in

John LaMont, Mary Ann Morse, Erna Jacob, Danny Spurgeon, Jamie Terhaar, Judy Burton, Joy Ingerman, Bob Vetter, Mike Ragen, Dave Straw, Mark Lisota, Charlene Reidenbach, Kathy Sheehy, Deb Chagares, Naomi Jones, Dakota Jones, Judith Echano Medina, Corky Zinkan

Meeting

Meeting was called to order by Mark Lisota, President.

Maintenance

Mark met with Nicole Siliven to discuss maintenance issues. Her opinion is that the floor situation is not dire, so it will be delayed until a decision can be made as to who will do the work.

Dues

Members were reminded that dues are payable before January 1.

Scholarship

Lisa Morris has distributed scholarship information to schools.

Member events

There are several EIGGS members who will be participating in the Autumn Artisan Bazaar and the Richmond Art Museum Annual Holiday Mart.

Update

A big welcome to Charlene who is back and looking good. Deb Chagares provided an update on Joe Wirrig's wife, Sue.

Holiday pitch-in

Reminder: Christmas pitch-in is next month. The club will supply meat and drinks. A sign-up list was circulated for side dishes. There will be a gift exchange for those who wish to participate. Gifts should be rock related, and a minimum value of \$10 was agreed upon.

Grab bags

We will need to do 100 or more grab bags. Judy is arranging for the specimen label tags. Samples and tags will be put in individual plastic bags. Hopefully sample packaging can be completed between now and the January meeting when we will assemble the grab bags.

Vendor update

John has had a couple back out, and one of the new ones he has signed up has only slabs and rough.

Boy Scouts

Boy Scouts have invited us to send a member to their district leaders meeting in January. Anyone who is interested should contact Lisa Morris.



WELCOME, NEW MEMBERS!

A warm welcome goes out to Richard & Midge Morris, Eastern Indiana Gem & Geological Society's newest members

Richard & Midge Morris

Occupation: Retired

Location: Indianapolis, Indiana

How did your interest in rocks, gems or minerals develop? Lisa

got us interested in rocks and minerals. It just completely blows my mind to think of what a rock may look like inside and the time it took to develop. It makes a person deepen their faith --whatever path they have chosen.

What do you hope to learn? We haven't gotten far enough along to set any goals.

What areas interest you most? We like seeing the different types of stones. It is hard to believe there is so much variety out there.

What have you learned so far?

The tools used in the process and the time and learning that goes into producing a finished stone.

What are a few of your other hobbies or interests? One of us likes antique engines, dogs, NASA and Twitter and can usually be found poking at an iPad. The other one of us enjoys cooking, gardening, baking, volunteering and spending time with the grandkids and great grandkids.



Treasurer's report – Dave Straw.

Income for the month was \$377, including deposits from show dealers, shop fees, soda, and miscellaneous. \$1,886 was spent. This included insurance, building maintenance supplies, new door upstairs, saw oil, and other miscellaneous expenses.

Maintenance

A new seat is needed for the toilet in the women's bathroom. Steps into basement need to be installed. This will be especially important during the time the meeting room floor is being repaired.

Nominating committee/Officer elections

Nominating Committee should have been appointed in September. Mary Ann Morse asked for volunteers, and Deb Chagares, Danny Spurgeon, and Naomi Jones responded. Committee met briefly after the meeting.



ROCKIN'

AROUND THE CHRISTMAS TREE

Annual holiday party/pitch-in set for Thursday, Dec. 1 at 6 p.m.

Food, friendship and fun will fill the clubhouse when members gather Thursday, December 1 at 6 p.m. for the annual Christmas party and pitch-in dinner.

Meat and drinks will be provided by the club, and members should bring side dishes, salads or desserts.

Anyone who is interested in a gift exchange is encouraged to bring a \$10 rock-related gift to share. If you don't want to participate in the gift exchange, that's fine, but please come share the fun.

CLUB CHRISTMAS LIST



As far as behavior goes, EIGGS and its members are surely on Santa's "nice" list. With that in mind, here are some items on the EIGGS Christmas list, just in case any elves feel like making a holiday donation to the club.

- paper towels
- toilet paper
- kleenex
- box of red shop rags for saw room
- visors
- 1 or 2 plastic/rubber aprons
- safety glasses
- dust masks
- cloth buffing wheels
- 60 watt light bulbs
- small plastic bags (*to contain mess when cleaning dop sticks*)
- plastic spray bottles,
- dish soap
- hand soap
- assorted cards:

get well, thinking of you, congratulations

■ Marty Lucas decorated the tree last year. Be sure to come to the party to see this year's decorations. The Christmas party/pitch-in will be held at the clubhouse on Thursday, Dec. 1 at 6 p.m.

MANNING'S ROCK SHOP OPEN HOUSE Nov. 18, 19, 20



■ Mike Manning of Manning's Rock Shop, sells a wide variety of tumbled stones, fossils and mineral specimens at the EIGGS rock & gem show.

Mike Manning, a perennial vendor at the EIGGS rock and gem show, would like to invite all everyone to his annual holiday open house at Manning's Rock Shop.

He will have over 100 types of tumbled stones and many types of rough rock including sodalite, agates, jaspers and obsidians. He also has fossils including megalodon shark teeth, mastodon teeth, trilobites, crinoids. The shop also has display pieces, salt lamps, cabbed stones, minerals including azurite, quartz, malachite, citrine, fluorite, 2017 calendars of fine agates and jaspers, rainbow flint, selenite wands, creedite, optical calcite, ulexite, small meteorites, amethyst, and more.

He also sells rock tumblers, grits, polish, bags of rocks to tumble and geodes.

If you haven't seen his rock tumbling operation, that alone is worth the trip. Mike can tumble up to about 800 pounds of rock at a time. He has one unit that has eight 40-pound tumblers running off one motor, one that has eighteen 12-pound tumblers off of one motor, and two units that each hold six 12-pound tumblers off of a motor.

Mike does want to remind everyone that he does not accept charge cards and prefers cash payment. After the open house, the shop will be closed the week of Thanksgiving and then open by appointments during the week or on weekends until Dec. 23. The shop will be closed from Dec. 24 until Feb. 15. Call (937) 552-4705 or (937) 681-0264 for appointments.

Mannings Rock Shop Holiday Open House

Hours:

Fri., Nov. 18: 10 am-6 pm

Sat., Nov. 19: 10 am-6 pm

Sun., Nov. 20: 12-5 pm

Location:

3615 East State Route 55
Troy, Ohio 45373

Phone: (937) 552-4705

MEMBERSHIP RENEWAL

EIGGS club memberships are for one calendar year, January through December, so it is time for everyone to renew. The club currently has about 97 member and exists for those interested in earth sciences; collecting minerals; crystals; fossils; cutting, grinding, and polishing stones; tumbling stones; etching and carving stones; silver inlay; beadwork; and silver-smithing. The club hosts an annual rock & gem show and awards scholarships to high school seniors and Earlham College students.

Eastern Indiana Gem & Geological Society

Annual Membership Renewal Form

Please check your membership level

Family Membership \$20

Single (age 16 and older) \$15

Name(s) _____

Street Address: _____

City: _____ State: _____ Zip: _____

Home phone: _____ Cell phone: _____

E-mail address: _____

To help with club upkeep & projects, I would like to make an additional donation to the club.

\$10 \$25 \$50 \$100 Other amount \$ _____

**Please print this form & bring it and your payment to the next club meeting
OR mail the completed form and a check made out to EIGGS to the address below.**

EIGGS Membership • PO Box 1724 • Richmond, IN 47375

CLUB TALENTS ON DISPLAY *Susan Kuhlman featured in RAM juried exhibition*



Susan Kuhlman currently has art on display at the Richmond Art Museum. Two of Kuhlman's pieces were accepted into the 118th Annual Exhibition of local artists. Her work will be on display at the museum until January 14.

In years past, nearly 500 works have been submitted and approximately 240 are accepted each year.

The exhibit features artists who presently live or have lived within a 125-mile radius of Richmond.

Artwork on display ranges from paintings, drawings and photographs to sculptures.



Richmond Art Museum Annual Exhibition

until January 14; Tuesday-Saturday, 10 a.m.-5 p.m. / Admission: free

350 Hub Etchinson Parkway Richmond, IN 47374 Phone: (765) 966-0256

VINE ST HANDMADE MARKET

Ingerman's work featured in Connersville event

Fifty-four area artists, including EIGGS own Joy Ingerman, will be featured at the Vine Street Handmade Market in Connersville, Saturday, November 19.

The event will be held at the Expo Hall at the Fayette County Fairground from 8 a.m. until 5 p.m.

Joy will be selling a variety of natural stone jewelry, featuring beadwork, wire-wrapping and Viking weaving.

A wide array of vendors will be there. See the listing on page 10 for the full list.

Vine Street Handmade Market

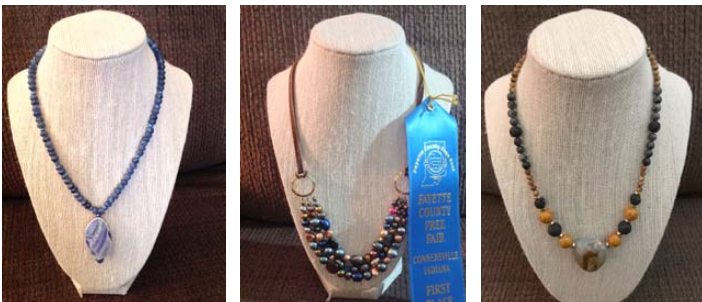
Saturday, November 19
8 a.m. - 5 p.m.

54 vendors

Expo Hall
Fayette County Fairgrounds
2690 N. Park Road
Connersville, IN 47331



Club member Joy Ingerman sells her beaded creations under the name Joyful Designs. When the Fayette County Public Library hosted an art fair, club member Judith Echano Medina stopped by to talk with Joy about her jewelry.



RAM HOLIDAY ART MART

Five club members featured in annual Art Mart

**Holiday Art Mart
Richmond Art Museum**

now until January 14

Admission: free

350 Hub Etchinson Parkway
Richmond, IN 47374

Phone: (765) 966-0256

Hours: Tuesday-Saturday
10 a.m.-5 p.m.

Meet the Artists

Dec. 3, 1-4 p.m.

Five EIGGS club members have work featured in the Richmond Art Museum's Holiday Art Mart. Barbara Kuhlman is selling a pendant, her ceramic sculptures and a variety of ceramic birds' nests. Deb Chagares, Susan Kuhlman, Jan Roestamadji and Joe Wirrig have a selection of pendants, bracelets and earrings in the exhibition.

This is an annual juried event which allows area artists to showcase original works that are no larger than 5"x7", as well as sculpture, ceramics and jewelry.

This annual exhibit is designed to inspire unique gift giving and art collection. All the works on display are \$250 or less. Sales support both the artists and RAM.



pieces by Barbara Kuhlman



pieces by Debra Chagares



pieces by Jan Roestamadji



pieces by Susan Kuhlman



pieces by Joe Wirrig

**Thank you to these
Clean-up Day volunteers**

Malessia Bowling
Erna Jacob
Missy Killion
Mark Lisota
Jeanette Lunsford
John Morse
Mary Ann Morse
Nathan Pierce
Patrick Pierce
Reagan Pierce
Mike Ragen

CLUB CLEAN-UP DAY HELD OCTOBER 22

photos provided by Mark Lisota, Patrick Pierce and Mary Ann Morse



John Morse



Mike Ragen

Projects Completed

All floors sweep & vacuumed
All windows cleaned
Bathrooms cleaned
Curtains re-hung
Air conditioner installed & exterior finished and sealed
Area behind small garage cleaned up
Remaining screws installed in large garage roof



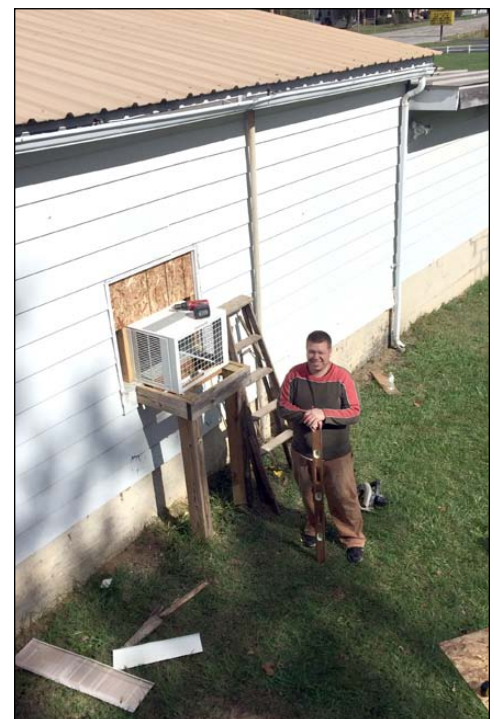
Erna Jacob and Malessia Bowling



Patrick, Reagan and Nathan Pierce



Reagan Pierce



Patrick Pierce



Air conditioner housing



CLUB MEMBERS PARTICIPATE IN OCT. 29 WIRE WRAP CLASS



Jeanette Lunsford



Corky Zinkan



Lisa Nash



Corky Zinkan and Deb Chagares



Malessia Bowling, Erna Jacob, Summer Bowling and Jeanette Lunsford



Summer Bowling and Malessia Bowling



Erna Jacob



Summer Bowling and Malessia Bowling



Malessia Bowling



Corky Zinkan



Jeanette Lunsford



Lisa Nash



Summer Bowling



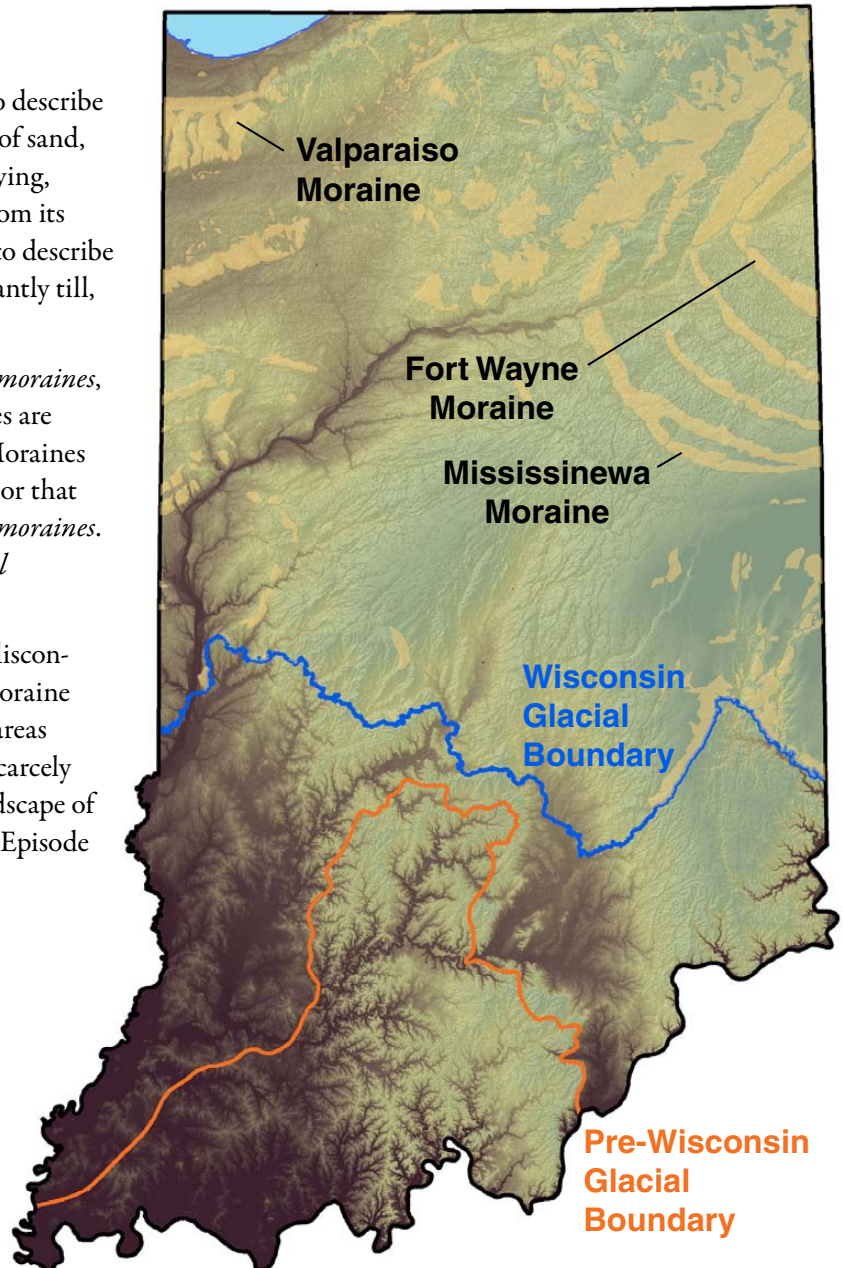
Erna Jacob

Moraines: Evidence of Ice Age Glaciers

In the past, the term *ground moraine* was used to describe the glacial sediment *till*, a homogenous mixture of sand, silt, clay, pebbles, and cobbles, and also the low-lying, rolling (hummocky) topography that resulted from its deposition. Currently, the term *moraine* is used to describe mounds or ridges of glacial sediment, predominantly till, deposited directly by glacier ice.

The most common moraines in Indiana are *end moraines*, formed at the margins of glaciers. These moraines are used to interpret the glacial history of an area. Moraines marking the farthest extent of a glacial advance, or that of a major readvance, are referred to as *terminal moraines*. Those formed during retreat are called *recessional moraines*.

Moraines in Indiana are somewhat arc-shaped, discontinuous ridges that in some places, such as the moraine near Valparaiso, stand in bold relief, whereas in areas like central and northeastern Indiana, they are scarcely distinguishable. Several moraines define the landscape of Indiana, recording the history of the Wisconsin Episode glaciation.



Tube AGATES

With Tube Agate formation, extremely thin mineral rods grow inside the silica gel before the gel solidifies and the chalcedony forms. Sometimes these rods remain as inclusions, while other times they hollow out and fill with silica. They are visible as tube-like formations inside the resulting agate. www.gemstonesadvisor.com/types-agate/



Turkish Tube Agate



Tube Agate



Tube Agate



Lake Superior Tube Agate

Plume AGATES

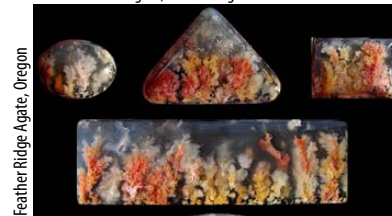
Plume agates have intriguing patterns that may look a bit like ferns. They are the result of formations existing on the outside of the stone before the chalcedony deposits grew. Later, the formations fell away, but the inclusions from them remain to mark their past presence. www.gemstonesadvisor.com/types-agate/



Linda Marie Plume Agate, Idaho/Oregon/Nevada



Graveyard Point Plume Agate, Idaho/Oregon



Feather Ridge Agate, Oregon



Marfa Plume Agate, Texas

Eye AGATES

Eye agates have a distinctive spotted appearance. The spots themselves may contain concentric bands of color, or they might be one solid color. Cavities in the stone drain of silica gel, and eventually fill with chalcedony micro-crystals, resulting in the 'eyes.' www.gemstonesadvisor.com/types-agate/



Eye Agate, Uruguay



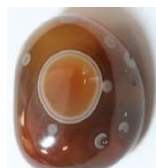
Lake Superior Eye Agate



Botswana Eye Agate



Sagenite Eye Agate



Lake Superior Eye Agate

Moss AGATES

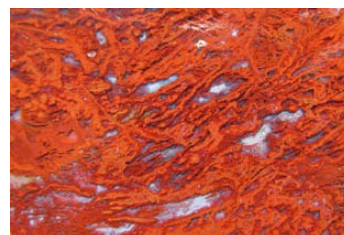
Similar to the plume agate, moss agate may have formations of inclusions which resemble ferns, trees, moss or landscapes. The inclusions are usually formed out of iron or manganese oxide. These types of agates may not have any chalcedony bands because the elements involved in the inclusion formations may inhibit their growth. www.gemstonesadvisor.com/types-agate/



Moss Agate



Montana Moss Agate



Red Moss Agate



Mexican Moss Agate

UPCOMING SHOWS

Nov. 19—CONNERSVILLE, IN: Vine Street Handmade Market. 8 a.m.-5 p.m. Expo Hall. 2690 N Park Rd, Connersville IN 47331 We have been able to get a great lineup of original, creative handmade artists to participate in our Fall Market. 54 in all! It makes us very proud to have a market filled with handcrafted items. So much talent in one great event. Alley Rose Photography, Amrae, Amy Baker, Amy's Creations, Baby Brae's Boutique, Becky Mays, BMT Creations, Carol's Quilts, Circle R Candle Company, Clifty Creek Alpacas, Corian Cutting Boards, Country Made Signs, Custom Creations WallArt, Dolls Baby Boutique, Drink wine and paint with Claudia Banks, Earthy Creations, Farrell woods, Frans Fabric Creations, Hildegard of Aquina, Hooked, Inksmith Graphics, Inspired by G Bowtique, JC custom cards, JoAnn Burns, Joyful Designs (club member Joy Ingerman!), K&D Krafts, Kathi Kountry Krafts, Kathie Stuedle, Kat's Krafts, Kenike, Laser Creations, Locust Lane, Lucky You Design Co., Made by Us, Marilyn's Miniatures, Mundane Majik, Naked Lemon, Paint with Jes, Prim and Proper signs by Katie, Primitive Woodchucker, Quilts by Pam, Rusty Acres Orchard, Sew Pretty Bows, TB wooden creations, The Bag Lady, The Popcorn Hole, The Sleepy Owl, The Wooden Shelf, Two Smart Cookies, Upcycle Rugs, Vaughn's Ltd. Jewelry, Wreaths By Jan, Youniquely You Jewelry by Janet

Nov. 18-20—TROY, OH: Manning's Rock Shop Open House. See page 4 of this newsletter for complete details.

Nov. 18-20—LOUISVILLE, KY: 44th Annual Mineral, Gem & Fossil Show sponsored by KYANA Geological Society; Camp Crestwood; 7206 Clore Lane; Fri. & Sat. 10 a.m.-6 p.m., Sun. 12-5 p.m. Free admission. Beautiful custom jewelry, jewelry supplies, beads, gemstones, Australian opals, crystals, minerals and fossils. Door prizes; children's activities. Contact Rick Hunter, P.O. Box 32561, Louisville, KY 40232; 502-298-8871; e-mail: kyanageoshowchair@gmail.com; Web site: www.kyanageo.org

Dec. 10-11—FRANKLIN, TN: Mid-Tennessee Gem & Mineral Society (MTGMS) annual show; Williamson County AgExpoPark (Nashville area); 4215 Long Lane; Sat. 9 a.m.-6 p.m., Sun. 10 a.m.-5 p.m. Adults \$4, Students \$1, Children free. This show features items that will please every age group: from crystals, geodes, and sharks teeth for the kids to artisan & native American jewelry, to mineral and fossil wonders that the discriminating will love. Hourly door prizes, silent auction, exhibits and demonstrations such as silversmithing, stone cutting and faceting. Contact Mardy Smith, TN 37214; 615-417-1416; e-mail: show@mtgms.org; Web site: <http://www.mtgms.org/>

Feb. 10-12—QUARTZSITE, AZ: Annual show; Quartzsite Gold Show, QIA; 235 N Ironwood; Fri. & Sat. 9 a.m.-4 p.m., Sun. 9 a.m.-3 p.m. Admission \$5, Children free. Sales and demonstrations of gold prospecting equipment, nuggets, jewelry, coins and more. There will also be speakers, demonstrations, questions and answers for metal detectors and other prospecting equipment. Door prizes include gold nuggets and a metal detector. Contact Richard Trusty, PO Box 4051, Quartzsite, AZ 85359; 928-927-5479; e-mail: QuartzsiteAZGold-Show@gmail.com; Web site: quartzsiteazgoldshow.com

Feb. 17-19—INDIANAPOLIS, IN: GeoFest, the 15th Annual Indiana State Museum Fossil, Gem and Mineral Show; Indiana State Museum; 650 West Washington Street; Daily 10 a.m.-5 p.m.; Adults \$13, Seniors \$12, Children \$8.50. Regional clubs, and adult and kid's activities in a beautiful museum



building. Contact Peggy Fisherkeller, 650 West Washington Street, Indianapolis, IN 46204. 317-232-7172; e-mail: pfisherkeller@indianamuseum.org; Web site: www.indianamuseum.org

March 17-19—JACKSON, MI: Michigan Gem & Mineral Society annual show. This year's theme: "We Will Rock You." Jackson County Fairgrounds American One Event Center; 200 W. Ganson St.; Fri. 10 a.m.-7 p.m., Sat. 10 a.m.-6 p.m., Sun. 11 a.m.-5 p.m. Adults \$4, Seniors \$2, Students \$1, Children \$1. Many activities for kids; Dealers and demonstrators. Gems, minerals, fossils, beads, jewelry, raffle, exhibits, displays, lapidary supplies, door prize drawings, and 3 days of silent auctions. Contact Sally Hoskin, P.O. Box 633, Michigan Center, MI 49254. 517-522-3396; e-mail: main@mgmsrockclub.com; Web site: <http://mgmsrockclub.com/annual-show.html>

March 31- April 2—INDIANAPOLIS, IN: Treasures of the Earth Gem & Jewelry Show; Indiana State Fairgrounds - Agriculture/Horticulture Building; 1202 East 38th Street; Fri. & Sat. 10 a.m.-6 p.m., Sun. 11 a.m.-5 p.m. Adults \$5 (good all 3 days), Children free under age 16. Jewelry makers, goldsmiths and silversmiths from all over the U.S. who can reconstruct, repair, design or make original jewelry from customer-selected gems, stones, opals and crystals. Wire wrap, wire sculpture, stone beads, pearls, stone setting, amber, opal, mineral and fossil dealers. Hourly door prizes including a grand prize ring with a precious stone. Contact Van Wimmer - Show Director, 5273 Bradshaw Road, Salem, VA 24153; 540-384-6047; e-mail: vawimmer@verizon.net; Web site: www.toteshow.com

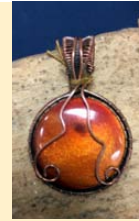
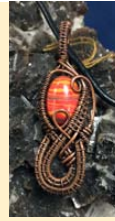
April 8-9—COLUMBUS, OH: Columbus Rock & Mineral Society and Licking County Rock & Mineral Society Annual show; Northland Performing Arts Center; 4411 Tamarack Blvd.; Sat. 10 a.m.-6 p.m., Sun. 11 a.m.-5 p.m.; Adults \$7, Seniors \$6, Students \$3, Children under 6 free; Scouts in uniform and teachers with school ID free. Large education area containing exhibits on rocks, minerals and metals. Stocks of minerals, crystals, geodes, agates, opal, turquoise, jewelry, faceted stones, silver findings, rough cutting material, rhodochrosite, cabochons, fossils, beads and dinosaur bone from all over the world. Demonstrations of cabochon making, sphere making, gem tree construction, gold panning, jewelry soldering and faceting. Credit cards accepted by dealers but cash or check must be used for show admission. Contact Craig Kramer, 628 Sanbridge Circle E, Columbus, OH 43085; 614-436-4511; e-mail: craig.kramer@wowway.com; Web site: <http://www.columbusrockandmineralsociety.org/>

THREE CLUB MEMBERS PARTICIPATE IN AUTUMN ARTISANS BAZAAR

AMY HUGHES



NAOMI JONES



DAVE STRAW

