



ROCK PICKINGS

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Memberships:

Annual dues
\$15 Individuals
\$20 Families

Please send dues to:

EIGGS
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Richmond, IN 47375

5 Next meeting: Thursday, April 5, 6:30 p.m. at the Clubhouse

PRESIDENT'S MESSAGE



Hi, Fellow Rockhounds:

What a great show we had this month. It was one of the best we've had in a long time. Just a shout out to all who put their time and "sweat equity" into making it wonderful. You guys "Rock," truly.

We'll go over everything when we have our meeting --the good, the great and the fabulous. We'll also go over everything we learned along the way. Next year will be even better.

So, again, "thank you" from the bottom of my heart. We couldn't do it without you.

Also, this is a reminder to mark your calendars for April 14. We will have a Club Clean-up Day on that Saturday, from 10 a.m. - 2 p.m. We will have a list of things we need to get accomplished. The club will furnish pizza and drinks for lunch and a little fellowship along the way. Please RSVP online in advance so we know how many of you can be there. <http://eiggs.weebly.com/april-14-clean-up-day.html>

I look forward to seeing you all at our monthly meeting, April 5, 6:30 p.m. at the clubhouse. Be there or be square!

Deb Chagares :)

Facebook Friends

A special thanks to everyone who helped get the word out about the show by sharing the EIGGS show posts with friends on Facebook. Grassroots Facebook promotional campaigns work! If you haven't followed the EIGGS page yet, please do so.

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Noah Hancock & John LaMont

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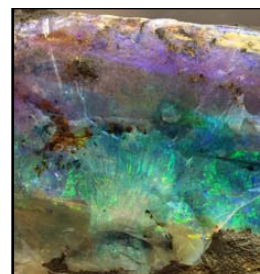
MSHA safety training



March 24 is the next training date

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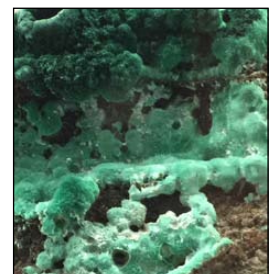
Cranbrook Institute



Mineral Gallery visit

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Green with Envy?



A collection of green minerals



MEETING MINUTES: MARCH 1, 2018

MONA JONES, SECRETARY

There was no business meeting. Instead, the members of ELGGS and the show dealers enjoyed a carry-in dinner together at the Kuhlman Center.

Members attending: Pam Beneker, Judy Burton, Deb Chagares, Judith Echano Medina, Emily Gibson, Scott Gibson, Alma Glisson, Gary Geyer, Joy Ingerman, Erna Jacob, Estel Jones, Mona Jones, Xavier Jones, Missy Killion, Barbara Kuhl-

man, Susan Kuhlman, John LaMont, Jim Lucas, Nikki Merrill, Tim Merrill, Lisa Morris, John Morse, Mary Ann Morse, Kyle Nash, Lisa Nash, Jerry Patterson, Emma Pierce, Nathan Pierce, Nicole Pierce, Patrick Pierce, Matt Rudicil, Angie Shaffer, Bobby Shaffer, Hailee Shaffer, Randy Siefert, Suzanne Siefert, Deanna Smith, Dave Straw, Linda Straw, Bob Vetter, Joe Wirrig



SHOW REPORT*

ANGIE SHAFFER, TREASURER

BREAKDOWN

* This report isn't finalized yet since a few numbers still need to come in.

However, the show looks like a record-breaker, with numbers up nearly across the board.

Attendance

▲ up by 483 people
25% increase

Raffle

▲ up by \$614
69% increase

Silent Auction

▲ up by \$892.40
57% increase

Mining Sluice

▲ up by \$187.50
79% increase

Magazines & Books

▲ up by \$161.50
136% increase

INCOME	2018	2017	2016	2015	2014	2013	2012
Admissions	\$7,849.00	\$5,731	\$5,037	\$4,239	\$4,328	\$4,144	\$4,965
Silent Auction	\$2,466.40	\$1,574	\$2,027	\$1,666	\$1,187	\$1,401	\$1,657
Kuhlman items	\$0.00	\$519	\$438	\$436	\$615	\$1,185	\$0
Wheel	\$506.50	\$624	\$360	\$320	\$239	\$355	\$317
Scholarship	\$0.00	\$0	\$52	\$10	\$7	\$42	\$44
Mining	\$424.50	\$237	\$235	\$120	\$181	\$181	\$165
Magazines & Books	\$280.50	\$119	\$189	\$125	\$75	\$100	\$19
Subtotal	\$11,526.90	\$8,804	\$8,338	\$6,916	\$6,632	\$7,408	\$7,167
Dealers & Kitchen	\$4,960.00	\$5,340	\$5,550	\$5,405	\$5,365	\$5,615	\$5,695
Raffle	\$1,502.00	\$888	\$1,124	\$1,473	\$0	\$0	\$0
TOTAL INCOME	\$17,988.90	\$15,032	\$15,012	\$13,794	\$11,997	\$13,023	\$12,862
EXPENSES	2017	2017	2016	2015	2014	2013	2012
Kuhlman Rental	\$2,195.00	\$2,195	\$2,195	\$2,195	\$2,195	\$2,195	\$2,195
Ad-IN brochure	\$0.00	\$0	\$0	\$0	\$0	\$0	\$195
Ad-Pal-Item		\$229	\$151	\$169	\$304	\$301	\$385
Ad-Gad-a-Bout	\$198.00	\$198	\$198	\$198	\$198	\$180	\$180
Ad-Ohio Papers		\$432	\$429	\$495	\$568	\$591	\$0
Ad-Radio		\$102	\$99	\$90	\$0	\$0	\$0
Stamps, flyers, cards	\$211.14	\$400	\$418	\$390	\$393	\$481	\$214
Labor: Set-up		\$100	\$100	\$100	\$100	\$100	\$160
Labor: Security	\$300.00	\$180	\$180	\$180	\$180	\$180	\$0
Misc.: food, auction items, etc.	\$133.93	\$148	\$25	\$206	\$246	\$188	\$241
Special Display/Kids Area	\$145.40	\$0	\$75	\$126	\$500	\$0	\$0
Raffle		\$200	\$356	\$325	\$0	\$0	\$0
Misc	\$859.46						
TOTAL EXPENSE	\$4,042.93	\$4,184	\$4,226	\$4,474	\$4,684	\$4,216	\$3,570
PROFIT	2018	2017	2016	2015	2014	2013	2012
Total	\$13,945.97	\$10,848	\$10,786	\$9,320	\$7,313	\$8,807	\$9,292

Attendance

		Adult	Senior	Child	Passes	TOTAL
2018	Friday	194	130	58	342	724
	Saturday	668	247	197	30	1,142
	Sunday	340	111	120	16	587
	TOTAL	1,202	488	375	388	2,453
2017	Friday	118	139	16	434	707
	Saturday	385	212	33	46	676
	Sunday	266	132	159	30	587
	TOTAL	769	483	208	510	1,970

		Adult	Senior	Child	Passes	TOTAL
2016	Friday	98	129	17	332	576
	Saturday	408	218	164	5	795
	Sunday	238	106	81	4	429
	TOTAL	744	453	262	341	1,800
2015	Friday	115	81	11	68	275
	Saturday	332	179	126	12	649
	Sunday	170	73	66	6	315
	TOTAL	617	333	203	86	1,239



■ At the Richmond Gem & Mineral Show, the 2018 Charlene Reidenbach STEM Scholarship winners and their families were introduced to the assembled crowd. From left to right: Frank Hancock, Kelley Hancock, Lincoln senior Noah Hancock, scholarship presenter John LaMont, National Trail senior Chloe Anderson, Dale Anderson and Douglas Anderson.



LOCAL SENIORS EARN EIGGS SCHOLARSHIPS

Local seniors Noah Hancock and Chloe Anderson are the recipients of the 2018 Charlene Reidenbach STEM scholarships presented by the Eastern Indiana Gem and Geological Society of Richmond, IN. The awards were presented at the annual Richmond Gem and Mineral Show, Sunday, March 4.

This annual award, now in its 14th year, is open to seniors at all Wayne County high schools, as well as National Trail High School, who plan to pursue careers in the STEM fields of science, technology, engineering or math.

Due to an outstanding pool of applicants this year, EIGGS offered two scholarships instead of just one. Students must have GPAs of 3.0 or higher and a strong record of extracurricular involvement and community service. Information on this scholarship is available at <http://eiggs.weebly.com/scholarship-application.html>

Noah Hancock is the son of Frank and Kelley Hancock. He is a senior at Lincoln High School in Cambridge City (IN), and plans to attend Purdue Polytechnic Institute, where he will study engineering technology in order to become a process engineer.

During high school he was a four-time mental attitude sports award recipient, a scholar athlete award recipient, wrestling captain, FFA Sentinel for two years and current FFA Vice President. He made it to the finals at the BPA nationals and placed sixth in parliamentary procedures. He is also a National Honor Society member and served as President of his 4-H chapter.

He also coached youth wrestling. "This experience allowed me to further my leadership skills. . . I learned the importance of giving [children] someone to look up to. [It] taught me the importance of being a leader and not a boss, and I tried to be influential for the children in the program so that they strived to be positive and work hard. I hope that I helped them develop a work ethic that will allow them to give back to the community through academics and athletics," Hancock said.

Chloe Anderson is a senior at National Trail High School in New Paris (OH). She is the daughter of Douglas and Dale Anderson. She plans to use the \$500 scholarship to pay for expenses at Indiana University East where she will study human life sciences in order to become a physical therapist.

"[Science classes] made me realize what I would love to do for the rest of



■ As their names are announced over the PA, scholarship winners Noah Hancock, a senior at Lincoln High School, and Chloe Anderson, a senior at National Trail, accept their certificates from John LaMont at the Richmond Gem and Mineral Show, March 4.

my life. . . , allowed me to find my passion, . . . and made it easier for me to pursue my dream. I would have never realized what career I wanted to choose for the rest of my life if it were not for earth sciences," Anderson said.

Besides pursuing academics in high school, Anderson has also been active in sports and extracurricular activities. She was captain of the girls soccer team and was named to the Cross County Conference All-Academic Team. She is the vice president of her senior class and is a member of FFA, Student Council, National Honor Society and the Renaissance Club. Additionally, she served as New Paris Applefest Queen and volunteers in the Youth SAY Soccer Program, at Vancrest Nursing Home in Eaton, at the Preble County Pork Festival, and at the food bank in New Paris.

■ For past scholarship winners, see page 4 or visit <http://eiggs.weebly.com/scholarship-gallery.html>



REIDENBACH STEM SCHOLARSHIP: New Name; Long Tradition

Fifteen years ago, club member Charlene Reidenbach proposed an idea of a scholarship for local high school students planning to study the earth sciences in college.

It took her a while to convince the officers and membership that a scholarship was a viable way to give back to the community while promoting

science education.

In 2005 the club gave its first scholarship and has given an award for 13 of the past 14 years.

In 2016 the scholarship changed from a science-only scholarship to a STEM scholarship, encompassing the fields of science, technology, engineering and math.

In 2017, after Charlene passed away, the Board voted to rename the scholarship the Eastern Indiana Gem & Geological Society's Charlene Reidenbach STEM Scholarship from 2018 onward.

In 2018, with an outstanding field of applicants, the Board exercised its option to award two scholarships for the first time.



2005: Katie Cooper & Nathan Yoke (Hagerstown HS)



2006: Abigail Hensley & Brian Rogers (Centerville HS)



2007: Rebecca Lanter & Brian Rogers (Hagerstown HS)



2008: Brittany Vanbastelaer & Charlene Reidenbach (Centerville HS)



2009: Charles Bartlett & Charlene Reidenbach (Hagerstown HS)



2010: Katie Temple & Gene Mays (Centerville HS)



2011: Tyler Smith & Danny Spurgeon (Lincoln HS)



2012: Kaitlyn Blansett & Joe Wirrig (Centerville HS)



2013: Joe Wirrig & Kayli Burke (Lincoln HS)



2014: no winner; 2015: Kiersten Merida & Mark Lisota (Lincoln HS)



2016: Charlene Reidenbach, Dakota Harrison & Mark Lisota (Lincoln HS)



2017: Kylei Klein & Charlene Reidenbach (Lincoln HS)

MINE SAFETY & HEALTH TRAINING ON MARCH 24

This is the mine safety program presented by the Mine Safety & Health Administration. If you are interested in field trips to active mines and quarries, this training is often a requirement for participation.

This training session is held in conjunction with the Friends of Mineralogy Midwest Chapter, and the information below is from Randy Marsh, Vice President of Programs, FoM Midwest Chapter.

"Scott Kell will be giving his collector-specific training on Saturday, March 24, from 9 a.m. -2 p.m. in Room 262 of the Barbara Deer Kuss Science Center at Wittenberg University in Springfield, Ohio.

If you are using your GPS, the street address is 315 Bill Edwards Drive, Springfield, OH.



Parking is available directly across the street from the Science Center. Signs will be posted on the doors of the Science Center to guide you regardless of what door you come in.

The Dayton Gem & Mineral Society and Cincinnati Mineral Society are welcome to participate, as are any other local mineral groups.

I would ask that you please respond to this note and let me know if you plan to attend. marsh.rg@pg.com This helps me to create a sign-in sheet for attendants.

Coffee will be available. Please consider bringing some snacks/drinks for yourself and others to enjoy.

This event is free. Students are welcome to attend."

ADDITIONAL MINE SAFETY CLASS OPPORTUNITIES

The following 2018 MSHA opportunities exist for members interested in collecting minerals or fossils on quarry field trips in the Midwest region. Information is from the Midwest Chapter of the Friends of Mineralogy.

South Bend, IN

Sunday, March 25

MSHA training will be offered by instructor Jason Heffner, Sunday, March 25, from 2-5 p.m. The doors will open at 1:30 p.m. The course will be held at Redeemer Lutheran Church located at 805 S. 29th St., South Bend, IN. The cost will be minimal for attending. To enroll or have questions answered contact John Davis via email at sumu95@hotmail.com or via phone at 574-850-3219.

Mansfield, Ohio

Thursday, March 29

MSHA training will be offered Thursday, March 29, from 9 a.m.-1 p.m. at the Mansfield Public Library, 43 West Third Street, Mansfield, Ohio, 44902. The class will include instruction from ODNR personnel. The library asks that you park in the lot just east of the library on the same side of the street. Do not use the garage. Contact Bill Byrley – e-mail: bbyrley@insight.rr.com; phones: H (voice): 614-268-6828; C (or text): 614-230-7408.

* Toledo, Ohio

Saturday, April 7

MSHA training will be offered Saturday, April 7 from 10 am – 3 pm at St. James Lutheran Church, Toledo, Ohio. To sign up contact haroldburleson12@gmail.com. There is a \$30 cost. The training will be offered by instructor Joel Vicary.



Columbus, Ohio

Saturday, April 14

MSHA training will be offered Saturday, April 14 from 10 a.m.-2 p.m. at the



■ At the State Line Gem and Mineral Show last year, Joel Vicary taught mine and quarry safety procedures to an audience of club members seeking their MSHA certification. This is needed to visit mines and quarries that require the certification.

ODNR, 2045 Morse Road, Columbus, Ohio, in Building E1 in the Assembly Center lecture room. The class will include specialized collector specific instruction from OGS safety expert Scott Kell. Contact Field Trip Chairman Reggie Rose (captaino@core.com); 614-875-2675) to attend.

* Wauseon, OH

Saturday, June 2 *this is not a confirmed date. Please e-mail to confirm.

MSHA training will be offered Saturday June 2 from 10 a.m.-3 p.m. at the Fulton County Fairgrounds in Wauseon, Ohio. The Fair Grounds are located at 1814 SR 108. There is a \$30 fee to take this MSHA course taught by Joel Vicary. To sign up for the course contact show chairman Sherm Kardatzke: sakardatzke@com or 517-673-5487.

🔧 CLUB CLEAN-UP DAY, APRIL 14

Mark your calendars & RSVP online soon

The first Clean-up Day of 2018 is Saturday, April 14. There will be a variety of jobs for all skill levels, so come on out and bring a friend or two! The workday will run 10 a.m. until 2 p.m. Pizza and pop will be provided.

Please **RSVP** online so that Deb knows how many people to expect. <http://eiggs.weebly.com/april-14-clean-up-day.html>

Suggested Projects

- Clean garage area & organize items
- Clean shop area & organize items
- Clean secondary garage
- Remove & discard all debris
- Change saw oil
- Finish A/C trim work
- General yard work & weeding
- Remove granite headstone
- Work on grinder repair (Joe, John, Jim?)
- Clean up rock garden area
- Clean up area around new cellar door
- Reinstall basement stairs under new cellar door
- "Waterproof" basement area where stairs go
- Replace light fixtures in meeting room
- Gutter work
- Scrape 2nd floor hallway and re-paint upstairs hall
- Remove plastic and insulation from garage ceiling (please wear appropriate clothing & bring gloves & a face mask)



■ Judy Burton, Jim Lucas and Joe Wirrig help with club clean-up. There will be a variety of jobs available for all skill levels, including general cleaning and yard maintenance.

RSVP online for Clean-up Day

<http://eiggs.weebly.com/april-14-clean-up-day.html>

🏆 TROY RAFFLE PRIZE REVEALED

This sparkling amethyst cathedral, straight from the Tuscon Gem Show, will be the raffle grand prize for the Miami County Gem & Mineral Club Show in Troy, Ohio, April 28-29. This cathedral from Brazil weighs approximately 50 pounds. It is over 24 inches tall and is nine inches wide.

This piece has beautiful well-defined dark crystals, some lighter purple crystals and some white calcite crystals, as well. The calcite crystals should fluoresce.

Tickets will be on sale at the show and in advance. Tickets will be six for \$5 or \$1 apiece. If you wish to purchase tickets, please see Joe Wirrig, Judy Burton or Lisa Morris.

April 28-29—TROY, OH: Annual show; Miami County Gem and Mineral Club, Miami County Fairgrounds, Duke Lundgard Building; 650 North County Road 25-A; Saturday 10 a.m.-6 p.m., Sunday 10 a.m.-4 p.m.; Adults \$2, Seniors \$2, Students/Children free; Mineral ID, dealers, specimens, fossils, jewelry, gems, silent auctions, demonstrations, gold panning, sluicing, geode cracking, children's activities, door prizes.; contact Dewey Buck, 100 Windmere Drive, Troy, OH 45373, (937)-335-4375; e-mail: manningsrockshop@gmail.com; Web site: <https://mcqamc.org/>



Happy Birthday, John LaMont!

John turned 90 on February 26



MWF BULLETIN SUBSCRIPTIONS

by Donna Moore, MWF Secretary

According to the policy of the Midwest Federation, the treasurer and the editor in each club should receive the MWF newsletter, plus one other officer designated by the club.

Of course, this was conceived before we started sending out the newsletter by

e-mail, so there was a concern about postage costs. Each club is entitled to three printed copies if there is a newsletter editor in your club, otherwise two copies may be sent. If your treasurer or editor is an MWF Executive Committee member, he or she receives the newsletter anyway, and his or her printed copy may be sent to another club member who would like to receive it.



When we started sending the newsletter by e-mail, we asked the state directors to send the e-mail copy to someone in each club who could forward it to anyone in their club

who would like to read it.

Now, anyone in your club who wishes to receive an e-mail copy can send an e-mail to Valerie J. Meyers, MWF newsletter editor, and she will add you to the list. Her e-mail address is vjmwriter@yahoo.com.

If your email address changes, please let Valerie know. We have no way of sending the newsletter to you if we don't have your current address.

The MWF Newsletter is our first line of communication between the MWF Executive Committee and officers and the MWF clubs and members. Please take a moment at your next club meeting to check if this line is open.



OTOLITHS: LUCKY CHARMS

Lake Erie sheep head fish ear "bones" serve dual purposes

These "stones" are actually bones from the inner ear of sheep head fish from Lake Erie.

The stones give the fish their sense of balance, direction and stability in the water. Humans have tiny crystals in their inner ears too, that do essentially the same thing. When they are dislodged, vertigo ensues.

The stone with the "J" on it comes from the left side of the fish's head, near the brain stem. The one with the "L" on it comes from the right side.

Scientist can cut open the otoliths to find growth rings that can show the fish's age, the availability of food for the fish each year and the salinity of the water.

Legend calls these otoliths "Lucky Stones." They say the "J" marking is for JOY and the "L" marking is for either LOVE or LUCK. They say these stones will bring luck and a sense of stability and direction.



■ The otolith from the left side of the fish is marked with a natural "J." The "stone" with the "L" shaped marking is from the right side of the fish. photos used with permission from Christina Friedrichsen



Arizona Quartz Crystal is 2019 Raffle Prize

It is never too late to start planning ahead... With that in mind, next year's raffle prize is this beautiful quartz crystal plate.

You will see more of this piece soon, as well as more details, but for now, this "sneak peek" will have to do.

Information will be available on our web site: <http://eiggs.weebly.com/2019-gem--mineral-show.html>

AFMS PRESIDENT INVITES ALL TO AFMS APRIL CONVENTION

by Sandy Fuller, President, American Federation of Mineral Societies

Spring is just around the corner (I hope, as I sit here in the Northland looking out at several feet of snow). It's almost time for us northern folks to get out in the field and do some serious collecting. I'm really looking forward to checking out the field collecting opportunities near Raleigh, NC, in early April during and after the AFMS convention.



This combined Eastern and national convention is the first gathering this year of federation leaders. Other regional conventions are planned for later in the spring and summer.

Each regional convention provides an outstanding opportunity for the host club to showcase its interests and expand local outreach. I love the chance to see the great displays and bring new ideas back to my own club.

The regional conventions bring together club representatives from across the area to direct the work of the federation. Delegates and federation leaders discuss common concerns and initiate actions. It's also an opportunity to recognize individual and club accomplishments.

It is important that each club send a delegate to their regional convention. The region is the voice of the club members, so those who show up get to craft that mission and message. Make sure your club is heard.

At the national level, the AFMS is composed of just seven members. Yes, that is right! The seven regions are the "members" of the American Federation. At the national level, each federation has three representatives on the 23-member board (only the secretary and treasurer are selected without regard to region).

AFMS services are delivered through numerous committees, such as Bulletin Aids, Program and Conservation/Legislation. Each regional chair of similarly named regional committees serves as a member of the national group to ensure both local input and nationwide consistency.

Early April is a great time to visit Raleigh, NC. Come check out a great show! Better yet, come early and check out the AFMS meeting on Thursday morning just before the weekend show. Then you will have time to visit local world-class collecting sites in the area. And be sure to plan on attending your own regional convention.



EASTERN FEDERATION & AFMS TEAM UP FOR CONVENTION

by Carolyn Weinberger, Editor, EFMLS News
From the February, 2018 EFMLS News

The Tar Heel Gem & Mineral Club of Raleigh, NC, is proud to present the 68th Annual EFMLS Convention held in conjunction with the 71st Annual AFMS Convention and the annual Tar Heel Gem & Mineral Club show. The get-together will be held in Raleigh the weekend of April 5-9.

The show will be held at the Kerr Scott Building of the State Fairgrounds, 1025 Blue Ridge Road, April 6-8.

Registration forms can be found on the EFMLS and AFMS websites.

The host hotel for the convention is the Embassy Suites by Hilton, Raleigh Crabtree, 4700 Creedmoor Road in Raleigh; telephone number 919-881-0000. A block of rooms has been set aside, but you must call the hotel directly to make your room reservations. Let the reservations clerk know that you are with the EFMLS/AFMS Convention to obtain the group rate. The rate includes a full hot breakfast each day and is good for Wednesday, April 4 through Monday, April 9.

AFMS Conventions are fun and an important way for you and your club to discover "what the federation does for you." Meetings are usually reasonably short, open and friendly. Best of all, it affords you an opportunity to meet the folks who have stepped up to volunteer for an officer or committee position and to put a face to a name. Over the years many strong friendships have developed through meetings at these federation confabs.



Wikimedia Commons photo, credit Chanilim714

April 6 - 8: Raleigh, NC: Annual show; Tar Heel Gem & Mineral Club, Raleigh, NC; NC State Fairgrounds, Blue Ridge Road, Kerr Scott Building; Friday 3-8 p.m., Saturday 10 a.m.-6 p.m., Sunday 10 a.m.-5 p.m.; Free Admission; National Show - Host of American & Eastern Federation Meetings. Club areas of Demonstration of jewelry making, gem trees, faceting, cabbing, Hospitality with grab bags, t-shirts, door prize tickets, membership, Geode area with sales and cutting of purchased geodes, Silent Auction area for children and adults with minerals and jewelry.; contact Cyndy Hummel, 10609 Chelsea Dr, Raleigh, NC 27603, (919)-779-6220; e-mail: mchummel@mindspring.com; Web site: <http://www.tarheelclub.org>



ON THE ROAD: FEDERATION CRAFT WORKSHOPS

by Steve Weinberger, EFMLS News --March, 2018

The Eastern Federation is most fortunate to be able to sponsor two annual week-long workshops at the fabulous Wildacres Retreat in Little Switzerland, North Carolina. If you've not yet attended one of these terrific sessions, what are you waiting for?

Each workshop features a guest speaker (Speaker-in-Residence) who lives with the group and presents six informative talks during the week. In addition, each session features a variety of classes that you take -- jewelry fabrication, faceting, wire-wrapping, beading -- to name just a few. A complete list of offerings can be found online. The registration form is there, too. <http://efmls-wildacres.org>

For the spring session, May 21-27, we have the vivacious and talented Helen Serras-Herman. Helen will share her passion for jewelry fabrication, gemstone carving and travel with us. In fall, Alfredo Petrov, noted mineral dealer and collector will be making a return visit. The mineral "alfredopetrovite" was named after him. The fall session runs from Sept. 3-9.

A bit about the Wildacres Workshops and Retreat... Located just off the Blue Ridge Parkway, about an hour north of Asheville, the Wildacres Retreat nestles on top of its own mountain called Pompey's Knob. The Retreat facility consists of two lodges each featuring a series of comfortable, semi-private bedrooms with their own bathroom.

Well-equipped classrooms are scattered throughout the campus, many equipped with specialized equipment such as cabbing and faceting machines, jewelery making equipment, etc.

Meals are included are served family style in a separate dining hall. All of your expenses, except materials for your classes and items you may wish



Janice Wald Freidman, <https://www.flickr.com/photos/wildacresretreat/16580837878/>

to purchase in the canteen or at the annual auction, are included with your tuition. For 2018, tuition is \$425.00 per person.

What are YOU waiting for?

Classes are kept small and are assigned, based on your preferences, on a first come-first-filled basis, so we encourage you to register early to ensure your first choice. Some classes do fill rapidly, so please indicate four choices per semester so you won't be disappointed.

What are YOU waiting for?



MFW PRESIDENT OFFERS "PROGRAM FIRST" PLAN

by David Root, MWF President

Starting this month I'm going to use this podium to put some "out of the box" ideas out there. Now I'm not saying that anybody is doing anything wrong, or that I know how to do anything better than anybody else.



Maybe you'll be intrigued, maybe you'll think I'm full of hoohoo, but it doesn't hurt to look at how we do things from time to time.

Most, if not all, of the clubs in the MWF conduct their monthly meetings in accordance with Robert's Rules of Order. And it is probably safe to say that most of them start with the business portion of the meeting, followed by whatever program they have scheduled.

In a perfect world, all club members would be highly interested and enthusiastic about the day-today business of running a club. And make no mistake, there are those who are very interested and eager to participate in the business portion of the club's meeting. But there are also those who find the business portion of the meeting to be rather boring, especially when there is a lot of discussion about something they really don't care

about. It may even be possible that some people, after a long day at work, faced with the prospect of an hour's worth of business meeting that just seems to drag on forever, may just choose to stay home.

Well, why not consider the possibility of changing the status quo? Start the meeting with the program, and then have the business meeting after. There are several advantages to this approach. Those who find the business meeting boring won't have to sit through it and will be more likely to attend meetings. Those with school-age children won't have to keep them up past their normal bedtime to see the program.

If your program involves a speaker who had to travel to get to your location, this will get them on their way earlier so they don't get home so late. With this arrangement you are not denying anyone the opportunity to participate in the running of the club. The business meeting can be conducted the same as it always was, just later. And, unless your business meetings are really boring, there probably won't be that many who choose not to stay for it.

My home club, Indian Mounds Rock and Mineral Club in Grand Rapids, Michigan, has been doing this, and everybody seems to like it. --Something to think about.





RICHMOND GEM & MINERAL SHOW

Special thanks to all the club members who volunteered at the show

[Click for more photos online](#)



Bryant Jones



John LaMont



Suzanne Siefert



Linda Straw



Nathan, Emma & Patrick Pierce



Reagan Pierce



Henry & Caleb Teagardin



Tim Merrill



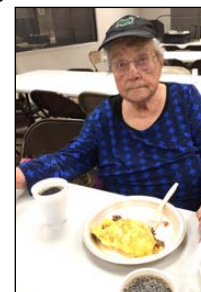
Bob Vetter & Dave Straw



Ray Lahti & Joe Wirrig



Susan Kuhlman & Amy Hughes



Barbara Kuhlman



Marty Lucas, Gary Geyer & Naomi Jones



Deanna Smith & John Morse



Joy Ingerman



Faithe Jones & Hailee Shaffer

Left to right:
Emily Gibson & Deb Chagares
Mona Jones & Nikki Merrill
Bobby Shaffer
Mary & Mike Manning





ON THE ROAD: CRANBROOK INSTITUTE

Cranbrook Institute of Science: Michigan's Museum of Natural History Museum in Bloomfield Hills

In the timeline of the Cranbrook Institute of Science there is one line every rock lover can understand... "1926: Mr. & Mrs. George Booth impulsively purchase 277 minerals in Denver while on a trip."

The Booths originally donated land in 1904 and nature trails, a museum, classes, a telescope, natural history and art exhibits followed.

The large campus now offers a school, parks and trails, an art museum, a natural history museum, a planetarium, and yes -- rocks, gems and minerals!

Those original mineral specimens were the beginning of George Booth's collection. Since then, the collection has grown to more than 11,000 specimens, including 300 minerals from Michigan, such as gypsum, copper and halite. Approximately 1,800 minerals are currently on display in the Mineral Study Gallery.

There are minerals from actinolite to zoisite and everything in between. Display cases divide the minerals into categories like molybdates, silicates, African minerals, and Michigan minerals. The Michigan minerals are particularly interesting, especially for those who have been collecting copper and other specimens in northern Michigan.

Booth's own specimens were highlighted in a variety of cases, too. While all were impressive, perhaps the most notable was the 15.2 Troy ounce gold specimen, which, according to the notes is widely considered to be the world's finest example of crystalline leaf gold.

In addition to the mineral gallery, the museum has a nice geology section that features a variety of rocks that demonstrate how the forces of nature have shaped the planet over time.

For more information of the museum and its offerings, visit: <https://science.cranbrook.edu/explore/exhibits>

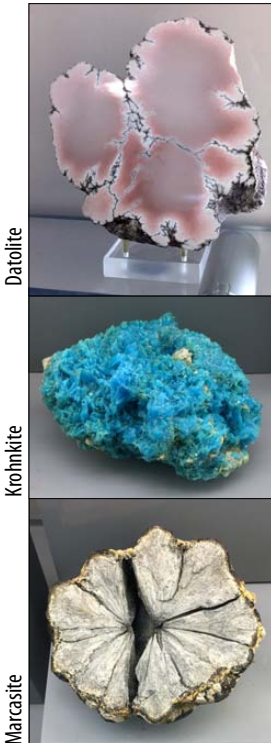


To see more of the Cranbrook Institute's mineral collection, visit <http://eiggs.weebly.com/cranbrook-institute-of-science.html>

The Every Rock Has a Story display at the Cranbrook Institute of Science presents information on the materials that make up the earth and the processes that have shaped the globe over time. The exhibit features many Michigan minerals and an large section of lava rocks and other geologic formations.



This gold specimen was acquired by Cranbrook founder George G. Booth, who donated it to the Institute in 1937. The 21x16 cm piece weighs 15.2 Troy ounces and is widely considered the world's finest example of crystalline leaf gold. It was unearthed in 1914 at the Red Ledge mine in the Sierra Nevada Mountains of California.



Datolite

Krohnkite

Marcasite





GREEN WITH ENVY: A variety of green mineral specimens from the Cranbrook Institute of Science

Kermit was right, "It's not easy being green." There is not one element that is solely responsible for minerals' green hues; instead, the colors come from a variety of elements. Generally, though, green or "greenish" rocks get their color from minerals that contain copper, iron, chromium and/or sometimes manganese.

Copper oxidizes to green, and most secondary copper minerals show a bright blue or green color. Some examples of secondary copper minerals are limonite, malachite, chrysocolla, diopside, brochantite and atacamite.

Chromium gives stones a deep green hue, while chlorite inclusions in quartz will cause the otherwise clear quartz to be green. Hedenbergite inclusions are what make prase quartz green. Some green fluorite gets its color from yttrium.

Secondary uranium minerals, like Torbernite, usually have bright neon yellow or green colors.

For more information on common green minerals, check <https://www.thoughtco.com/green-minerals-examples-1440940>



Adamite



Apophyllite



Atacamite



Babingtonite



Beryl var. Emerald



Brazilianite



Cerussite



Diopside



Fluorite



Forsterite

Mg₂SiO₄
St. John's Island, Red Sea, Egypt
A.N. Goddard 376.0.4

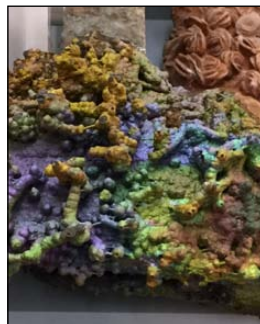
Forsterite



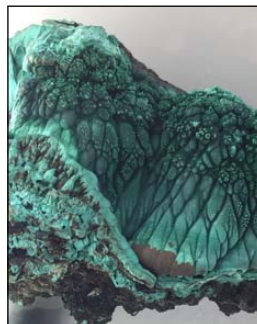
Garnet



Jamesonite



Limonite



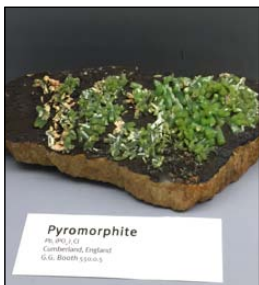
Malachite



Opal



Prehnite



Pyromorphite

Pyromorphite



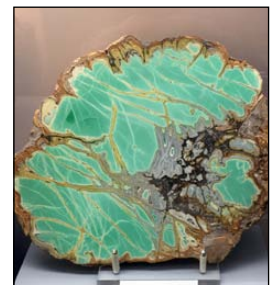
Titanite



Torbernite



Tourmaline



Variscite

How to Help Your Club on Facebook

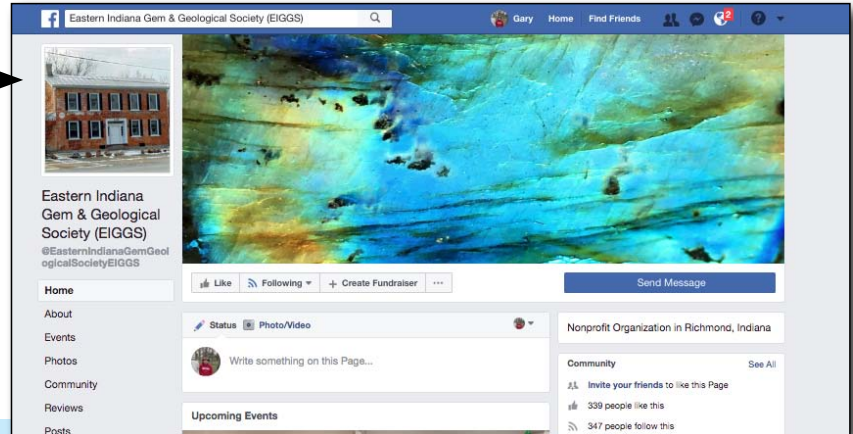
If you are on Facebook, here is a quick and easy way to promote your club and to help get the word out about our events and the gem and mineral show.

LIKE, FOLLOW AND SHARE THE EIGGS FACEBOOK PAGE

1. LIKE & FOLLOW OUR PAGE:

Find, like and follow the Eastern Indiana Gem & Geological Society's page.

facebook.com/EasternIndianaGemGeologicalSocietyEIGGS



These club members successfully completed Step #1 by liking the EIGGS page on Facebook
If your name is not on this list, please go back to step #1 and find the EIGGS page

- | | | | |
|-----------------|-------------------|---------------|-----------------|
| Melanie Bertsch | Mona Jones | A J Murphy | Angie Shaffer |
| Deb Chagares | Naomi Jones | Nikki Merrill | Danny Spurgeon |
| Gary Geyer | Susan Kuhlman | Tim Merrill | Craig Teagardin |
| Emily Gibson | Jim Lucas | Jessica Moody | John Terhaar |
| Alma Glisson | Jeanette Lunsford | Lisa Morris | Joe Wirrig |
| Erna Jacob | Mary Ann Morse | Kyle Nash | |

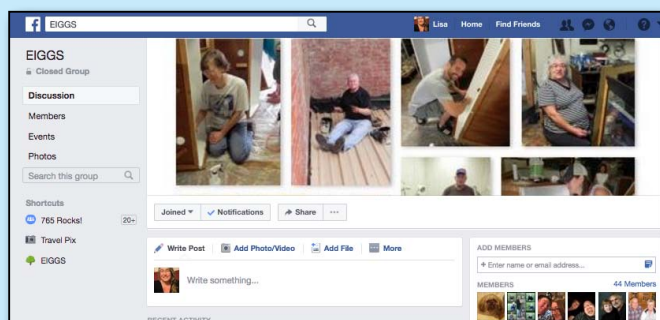
To Do: Look for the EIGGS page on Facebook. If there are posts that interest you, share them with your friends. Then invite your friends to like the EIGGS page, too. The stronger and healthier our Facebook presence becomes, the more interest our show will gather. Also, if the page has a strong following, it is more likely to be promoted more by Facebook, which will move it closer to the top of everyone's news feeds. Let's use their popularity algorithm to our advantage!

2. **SHARE OUR PAGE:** Then, recommend and share the page to all of your local friends; that way they will get updates on our show and other events. It is a great way to promote our club and our gem and mineral show and events.

3. **SHARE PAGE POSTS:** Share page posts with your friends in your news feed.

4. **JOIN THE CLOSED FACEBOOK GROUP, TOO:** Join the closed Facebook group (club members only) in order to stay up to date on the latest club news. Club members also post great tutorials, online deals, equipment sales, tips and life events. Look up the EIGGS group.

JOIN THE EIGGS CLOSED FACEBOOK GROUP (ask to join)



These people are already in the closed Facebook group

- | | | | |
|-----------------------|----------------|--------------------|-----------------|
| Adams, Libby | Hughes, Amy | Lucas, Jim | Rudicil, Matt |
| Barnes, Julianna | Ingerman, Joy | Lucas, Marty | Shaffer, Angie |
| Bertsch, Melanie | Jacob, Erna | Lunsford, Jeanette | Sieferd, Randal |
| Burton, Judy | Jones, Mikala | Merrill, Nikki | Smith, Deanna |
| Chagares, Deb | Jones, Mona | Merrill, Tim | Spurgeon, Danny |
| Echano Medina, Judith | Jones, Naomi | Moody, Jessica | Straw, Linda |
| Geyer, Gary | Jones, Xavier | Morris, Lisa | Terhaar, Jamie |
| Gibson, Emily | Killion, Missy | Morris, Mildred | Wirrig, Joe |
| Glisson, Alma | Kuhlman, Susan | Morse, Mary Ann | |
| | Lisota, Mark | Roestamadji, Jan | |

UPCOMING SHOWS

State & Regional <http://eiggs.weebly.com/other-upcoming-shows.html>

National <http://www.rockngem.com/ShowDatesFiles/ShowDatesDisplayAll.php?ShowState=ALL>

March 16-18—JACKSON, MI: Michigan Gem & Mineral Society annual show. 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>

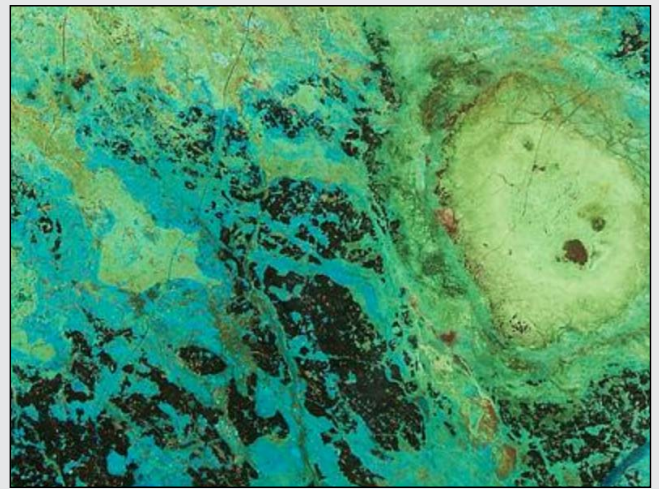
March 16-18—ARDEN, NC: Annual show; M.A.G.M.A., Camp Stephens; 263 Clayton Road; Fri. 9-5, Sat. 9-5, Sun. 10-4; Free Admission; Numerous indoor and outdoor vendors specializing in gems, minerals, fossils, meteorites and artifacts from North Carolina and around the world. ; contact Richard Jacquot, PO Box 542, Leicester, NC 28748, (828)-779-4501; e-mail: rick@wncrocks.com; Web site: www.americanrockhound.com

March 24-25—LEXINGTON, KY: Annual show; Blue Grass Gem and Mineral Club, Clarion Hotel; 1950 Newtown Pike; Sat. 9-6, Sun. 11-5; Adults \$2, Children \$1; Lexington Rock Gem and Jewelry Show. Show includes minerals, jewelry, equipment dealers, exhibits, KY Agate, fluorescent display, club sales, prizes and auctions. Scouts in uniform free admission.; contact Allen Ferrell, Lexington, KY 40504, (859)-277-2469; e-mail: kyrock2010kentucky@yahoo.com; Web site: www.bggamc.homestead.com

March 24-25—CEDAR RAPIDS, IA: Annual show; Cedar Valley Rock And Minerals Club, Hawkeye Downs Expo Center; 4400 6th St. SW; Sat. 8:30-6, Sun. 9:30-5; Adults \$3, Students \$1, Children under 12 free; Crinoids featured, Iowa's fossil. Exhibits, programs, demos, dealers, educational programs. Food on site. Various children's activities. Gem sluice, pebble pit plus more. Silent auction, door prizes, raffles. ; contact Marv Houg, 1820 30th St. Dr., Cedar Rapids, IA 52403, (319)-364-2868; e-mail: M_houg@yahoo.com; Web site: Cedarvalleyrockclub.org

March 24-25—CHAMBERSBURG, PA: Annual show; Franklin County Rock and Mineral Club-Chambersburg, PA, Hamilton Heights Elementary School; 1589 Johnson Road; Sat. 10-5, Sun. 10-4; Admission \$5, Children under 12 free with adult; There will be jewelry, gemstones, minerals, fossils, demonstrations, displays, and door prizes ; contact Matt Eldon, 120 East 2nd St., Waynesboro, PA 17268, (717)-765-9770; e-mail: fcrcm1978@gmail.com; Web site: Facebook-Franklin County Rock and Mineral Club <https://www.facebook.com/Franklin-County-Rock-and-Mineral-Club-1601767103396099/>

April 6-8—INDIANAPOLIS, IN: Annual show; Treasures Of The Earth Gem & Jewelry Shows, Indiana State Fairgrounds - Agriculture/Horticulture Building; 1202 E 38th Street; Fri. 10-6, Sat. 10-6, Sun. 11-5; Admission \$5 (Good all three days), Children under age 16 Free; Annual Show. Jewelry makers, goldsmiths & 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 meteorite southwestern jewelry and fossil dealers. Hourly door prizes including a ring with a precious stone that will



Parrot Wing Jasper

DD Rocks 15% DISCOUNT COUPON

In addition to donating about 20 pounds of rocks for our junior rockhounds and to our silent auction, Ken & Terry Diede of DDRocks.com are offering a 15% discount to the first 20 club members who order from their online shop. Use the discount code **EIGGS** when checking out.

be given as a Grand Prize. Demonstrations and classes. ; contact Van Wimmer, 5273 Bradshaw Rd, Salem, VA 24153, (540)-384-6047; e-mail: vanwimmer@comcast.net; Web site: www.toteshows.com

April 7-8—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, 614-436-4511; e-mail: craig.kramer@wowway.com; Web site: <http://www.columbusrockandmineralsociety.org/index.php/rock-show/2017-rock-show/2017-rock-show-information>

April 24-26—IRVINE, KY: Annual show; Mountain Mushroom Festival, Estell County School's Cental Office; 253 Main Street, (Parking lot in the rear of building); Tue. 9-4, Wed. 9-4, Thu. 9-4; Admission \$10; All day Kentucky agate hunt. Easy or rough terrain trips each day.; contact Francine Bonny, Irvine City Hall, 101 Chestnut Street, Irvine, KY 40336, (606)-723-1233; e-mail: mushroomfestival@irvineonline.com; Web site: www.mountainmushroomfestival.org

2018 ANNUAL MGMS GEM & MINERAL SHOW

Michigan Gem & Mineral Society Presents:

“IT’S ALL ABOUT THE GEODES”

MARCH 16-17-18

FRI 10AM - 7PM
SAT 10AM - 6PM
SUN 11AM - 5PM

American 1 Credit Union Event Center
Jackson Co. Fairgrounds
200 W. Ganson St
Jackson, MI 49202



Gems

Rocks

Beads

Raffle

Fossils

Exhibits

Jewelry

Minerals

Door Prizes

Silent Auction

Demonstrators



Adult \$4
Senior \$2
Student \$1
5 & under FREE
Girl/Boy Scouts &
Military Personnel in Uniform FREE



www.mgmsrockclub.com
info@mgmsrockclub.com
Show Chair: Sally 517-522-3396



**Blue Grass Gem
and Mineral Club
Presents**

Lexington Rock Gem and Jewelry Show

Mineral and fossil specimens, cabbing rough, crystals, Artisan jewelry, books, and children's items.

Silent Auctions and Hourly Door Prizes

Free Parking

March 24 & 25, 2018

Saturday 9 am—6 pm

Sunday 11 am—5 pm

Clarion Hotel Convention Center

1950 Newtown Pike ~ Lexington, KY ~ Exit 115 I-75

ADMISSION: \$2 Adults ~ \$1 children 6-17; Families \$5

Scouts in uniform free;

CONCESSIONS ON SITE <http://bggamc.homestead.com/>

Lexington Gem Show

THE TAR HEEL GEM & MINERAL CLUB PRESENTS



THE FOURTY SECOND ANNUAL CAPITAL AREA GEM & MINERAL SHOW

Kerr Scott Building, Fairgrounds, Blue Ridge Road, Raleigh, NC

April 6, 7 & 8 2018

*FREE
PARKING*

Friday 3:00 – 8:00
Saturday 10:00 – 6:00
Sunday 10:00 – 5:00

*FREE
ADMISSION*

CLUB AREAS

Geodes

Hospitality

Silent Auction

Demonstrations

Fossils

Findings

Gemstones

Rough Material

Ring Sizing

Finished Jewelry

Mineral Specimens

Mineral Identification

 CUT HERE

Complete to be eligible for the daily raffle prize. Only one entry per person, per day, will be eligible.

PHONE # _____ EMAIL _____

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

2018 Flint Ridge Knap-In Schedule

Spring Knap-in Dates

Friday, May 25th 9 - 5
Saturday, May 26 9 - 5
Sunday, May 27 9 - 2

Fall Knap-in Dates

Friday, Aug 31st 9 - 5
Saturday, Sept 1st 9 - 5
Sunday, Sept 2nd 9 - 2

Everyone is Invited!

Come and join us for a fun and educational weekend. Witness craftsmen and artisans demonstrate how to make arrowheads, spears, stone tools, bows, atl-atls, stone pipes, cordage as well as other items from hide and bone. Take a nature walk through the woods on the park trails and see the remains of the ancient quarry pits left behind by the native people. Then take a tour of the museum to learn about the history and geology of Flint Ridge.

Phil Love 419-632-1274 Carl Smith 330-340-4681 Glenn Withey 330-329-7501 Roy Miller 330-473-7041

info@roymillerflintridge.com

Held at the
Flint Ridge Ancient Quarries
& Nature Preserve
7091 Brownsville Rd
Glenford, OH 43739

Vendor's Space &
Setup Fee \$25
Event Camping \$25
1 Night Camping \$10

Admission is \$5.00
per vehicle which
includes free
Museum Admission

Hosted by: The Flint Ridge Lithic Society in conjunction with the Licking Valley Heritage Society.