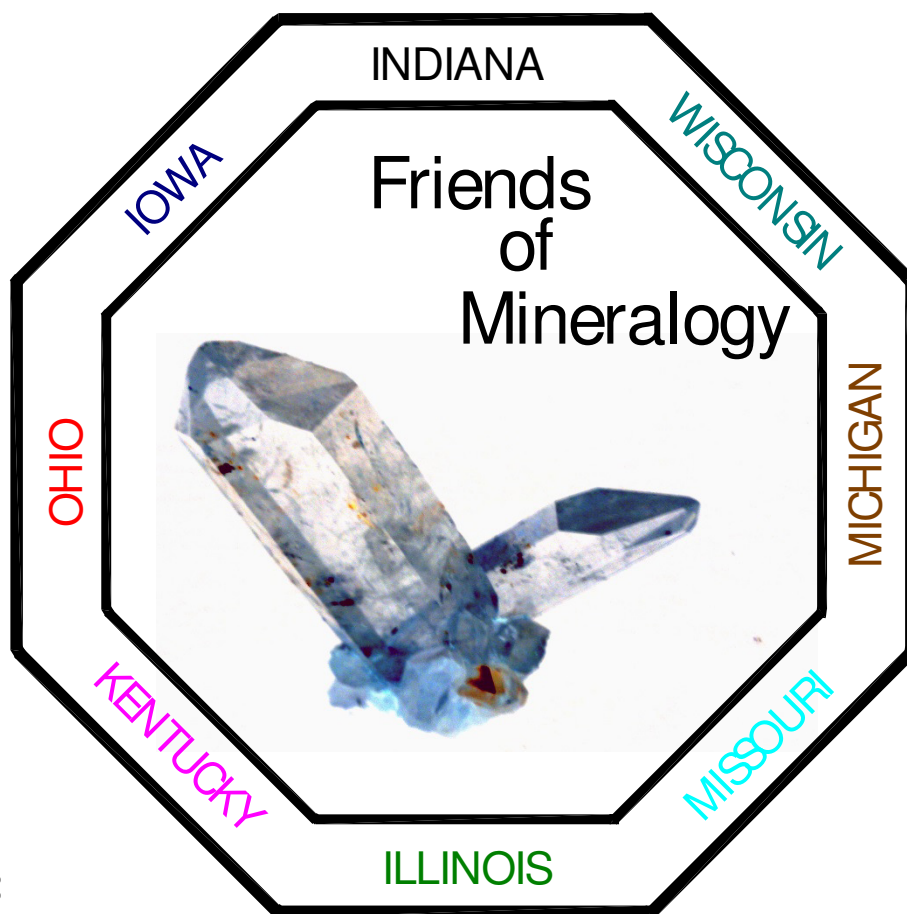


# Friends of Mineralogy

Midwest Chapter Newsletter for

March – April 2014



## Affiliations:

THE MINERALOGICAL RECORD

THE MINERALOGICAL SOCIETY OF AMERICA

AMERICAN GEOLOGICAL INSTITUTE

ROCKS & MINERALS MAGAZINE

Our purpose is to organize and promote interest in and knowledge of mineralogy; to advance mineralogical education; to protect and preserve mineral specimens and promote conservation of mineral localities; to further cooperation between amateur and professional and encourage collection of minerals for educational value; and to support publications about mineralogy and about the programs of kindred organizations.

Newsletter published bi-monthly in January, March, May, July, September and November. Please submit all information for publication in the newsletter by the 15<sup>th</sup> of the previous month.



*A nice calcite find from a recent collection.*

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**The next FM meeting will be on Saturday, March 15<sup>th</sup> at 11:00am. This is in conjunction with the pseudomorphism symposium at Miami University**

## 2014 Officers

**President** - Clyde Spencer, 1858 Robin Hood Dr., Fairborn, Ohio 45324  
(937)878-9988 c\_spencer123@att.net

**Vice President Programs** –Randy Marsh, 6152 Old Stone Ct.,  
Hamilton, Ohio 45011  
(513)515-7890 marsh.rg@pg.com.

**Vice President Field Trips** - Reggie Rose, 4287 Parkmead Dr.  
Grove City, Ohio 43123  
(614)875-2675 captaino@core.com

**Secretary** – Vacant

**Treasurer** - Jeff Spencer, 4948 Beachwood Dr., Cincinnati, Ohio 45244  
(513)248-0533 jspencer@jsite.com

**Liaison Officer** – Nelson Shaffer, Ph. D., Indiana Geological Survey  
611 N. Walnut Grove Ave., Bloomington, IN 47405  
Phone: 812-855-2687 shaffern@indiana.edu

**Fund Raising (Committee Chair)** - Vacant

**Newsletter (Committee Chair)** Tom Bolka, 2275 Capestrano Dr.  
Xenia, Ohio 45385  
(937)760-6864 tbolka@att.net



“FM members showing off their new T-shirts”

## Treasurer's Report

2014 membership dues of \$20.00 are due by March 1st or, according to the chapter by-laws, you will be removed from membership and distribution lists! Currently, as of 2/18, 59 members have registered for 2014. This puts the current account balance at \$2159.29. One member has made a special donation of \$50.00 and another has pledged \$250.00 for the publication of the revised edition of Dr. Carlson's Ohio Minerals book. We will be making a donation soon to the State of Ohio in Dr. Carlson's memory. Other payments to be made from the treasury funds are our 2014 National dues of \$4.00 per member and our 2014 insurance premium. The National Friends of Mineralogy board has lowered the national dues from \$6.00 to \$4.00 per chapter member.

Please send me any questions or concerns that you have.

Jeff Spencer

Treasurer - Friends of Mineralogy Inc. Midwest Chapter

[jspencer@jsite.com](mailto:jspencer@jsite.com)

513-476-2163

## President's Message

Friends,

I just returned from spending four days at the annual Tucson mineral show. I, of course, spent time doing the obligatory motel circuit, or should I say circus. However, my primary reason for going was to attend the annual FM National business meeting held Saturday morning; unlike last year, there was a quorum to conduct business. There were a number of items dealt with, which follow, that should be of particular interest to members of the Midwest chapter.

'New' board members were elected, which included Nelson Shaffer. I made a report on our chapter's accomplishments for 2013. I also showed off our new T-shirts. However, more importantly, I made a motion to reduce chapter dues from \$6 per member per year, to \$4. The motion was approved unanimously. That should provide us with a little more money in our treasury for projects that are aligned with our formal goals. Speaking of which, I also presented a motion, seconded by Nelson Shaffer, to donate \$500 to the Ohio Department of Natural Resources' project to publish the second edition of Dr. Carlson's "Minerals of Ohio, Bull. 69." That was passed with only one "No" vote, and that was because she thought the amount should be larger.

We were hoping that National would take over the liability insurance for all chapters. Unfortunately, those pursuing it ran into difficulties and no motion was presented. Allen Young, the National president, will continue to pursue this.



There has been a problem with many members not getting the National newsletter. A communications committee was formed to address the problem. I 'volunteered' Jeff Spencer to serve on the committee.

The meeting lasted two hours and things got a little rushed at the end. However, the most important business was taken care of. The other business conducted will be reported in the next National FM newsletter.

While in Tucson, I took some time to visit with Jeff Spencer and Stan Esbenshade, and toured Stan's Midwest Minerals facility. I chatted with John and Jay Medici at their booth at the main convention center. I also talked briefly with Chris Stefano when I cornered him in Alfredo Petrov's booth. While I was later staffing the FM recruitment table, Mike Royal stopped by and said "Hello."

I spent Saturday morning sitting in on the various talks, primarily on diamonds, co-sponsored by FM and arranged and hosted by FM member Julian Gray. I returned home on Sunday, February 16<sup>th</sup>.

Clyde Spencer



**The Indiana case at the Tucson Show**



**FM Midwest Chapter Minutes of General Meeting  
Orton Geological Museum, OSU, Columbus, OH  
11 January 2014**

Dale Gridovec (host), Reggie Rose (2<sup>nd</sup> VP), Dan and Joanne Hall (members), Jeff Spencer (treasurer), Randy Marsh (1<sup>st</sup> VP), and Clyde Spencer (president) in attendance.

President Clyde Spencer declared a quorum and called the meeting to order at 2:20 PM.

President asked for a volunteer to server as *Pro Tempore* Secretary; Randy Marsh agreed to take notes.

President asked for corrections to the minutes in the last newsletter; no corrections were offered.

President asked if there was any old business to address; no old business was presented.

Treasurer Jeff Spencer provided handouts and presented a summary of financial business for 2013:

Registered in Ohio as a not-for-profit corporation

Reviewed 2013 income and expenses, and projection for 2014 (See treasurer's report in this newsletter for details)

Ending balance for 2013 was \$1622.17

42 members paid 2014 dues as of 1/11/14

There was a net profit of \$88.60 on the T-shirt project, with 4 shirts unsold yet

President asked Dan Hall if he would be willing to audit the financial records for 2013, and he agreed to do so; Jeff Spencer was to mail the necessary materials to Dan.

President mentioned that FM National may take over the insurance responsibility and reduce chapter dues and therefore asked the treasurer not to be too quick to pay National; the issues should be resolved at the business meeting in Tucson on February 15<sup>th</sup>.

There was discussion about ways to raise funds, such as with an auction or tables at shows; no action taken.

President called for new business:

Dan Hall provided information on the Ohio Dept. of Natural Resources' project to publish the second edition of Dr. Carlson's *Minerals of Ohio*. Dan moved that the Midwest Chapter provide financial support of the project; Randy seconded the motion. There was discussion about how we might raise additional money through personal donations solicited through our GoogleGroups distribution list and the newsletter. (See this newsletter for details on the project if you haven't already received email.)

Reggie requested a directive from president outlining rationale for why early response from quarry management is desirable; Clyde agreed to provide Reggie with directive by email.

Jeff proposed a speaker's bureau that could provide talks at the quarries on topics that would address their educational outreach. No formal motion, but there appeared to be unanimous agreement that we need to support such things.

Reggie announced that there was going to be MSHA training at Ohio Aggregate Industrial Minerals, near Columbus, on Friday February 19<sup>th</sup>.

Randy shared details of his preliminary activity calendar and plans for the upcoming March symposium at Miami University (See this newsletter for details.)

Randy moved to adjourn, seconded by Jeff; meeting adjourned at 3:30 PM.

Dale Gridovec then provided the group with a slide presentation, followed by an opportunity to look at the minerals in the museum; we had previously had an opportunity to see the library as well.

# PSEUDOMORPHISM SYMPOSIUM - FALSE FORMS OF MINERALS

## FRIENDS OF MINERALOGY MIDWEST CHAPTER



**DATE:** Saturday March 15, 2014

**LOCATION:** Miami University, Oxford, Ohio

**SPONSORED BY:** Karl E. Limper Geology Museum

**CONTACTS:** John Rakovan, Professor of Mineralogy, Miami University (rakovajf@miamioh.edu or 513-529-3245)  
Randy Marsh, Vice President Programs, FM Midwest Chapter (marsh.rg@pg.com or 513-515-7890)

### AGENDA

11:00-11:45 FM Midwest Business Meeting

11:45-12:30 Break for Lunch/Free Time to View Specimens

12:30-1:00 Pseudomorphs – The Ghosts of Minerals Past (Dan Hall)

1:00-1:30 Advances in Understanding Mineral Replacement by Coupled Dissolution-Precipitation (Wladek Betkowski)

1:30-2:00 Aesthetic Pseudomorphs (Terry Huizing)

2:00-2:15 Break

2:15-2:45 Sakura Ishi – Mica Pseudomorphs after Complex Cordierite-Indialite Intergrowths (John Rakovan)

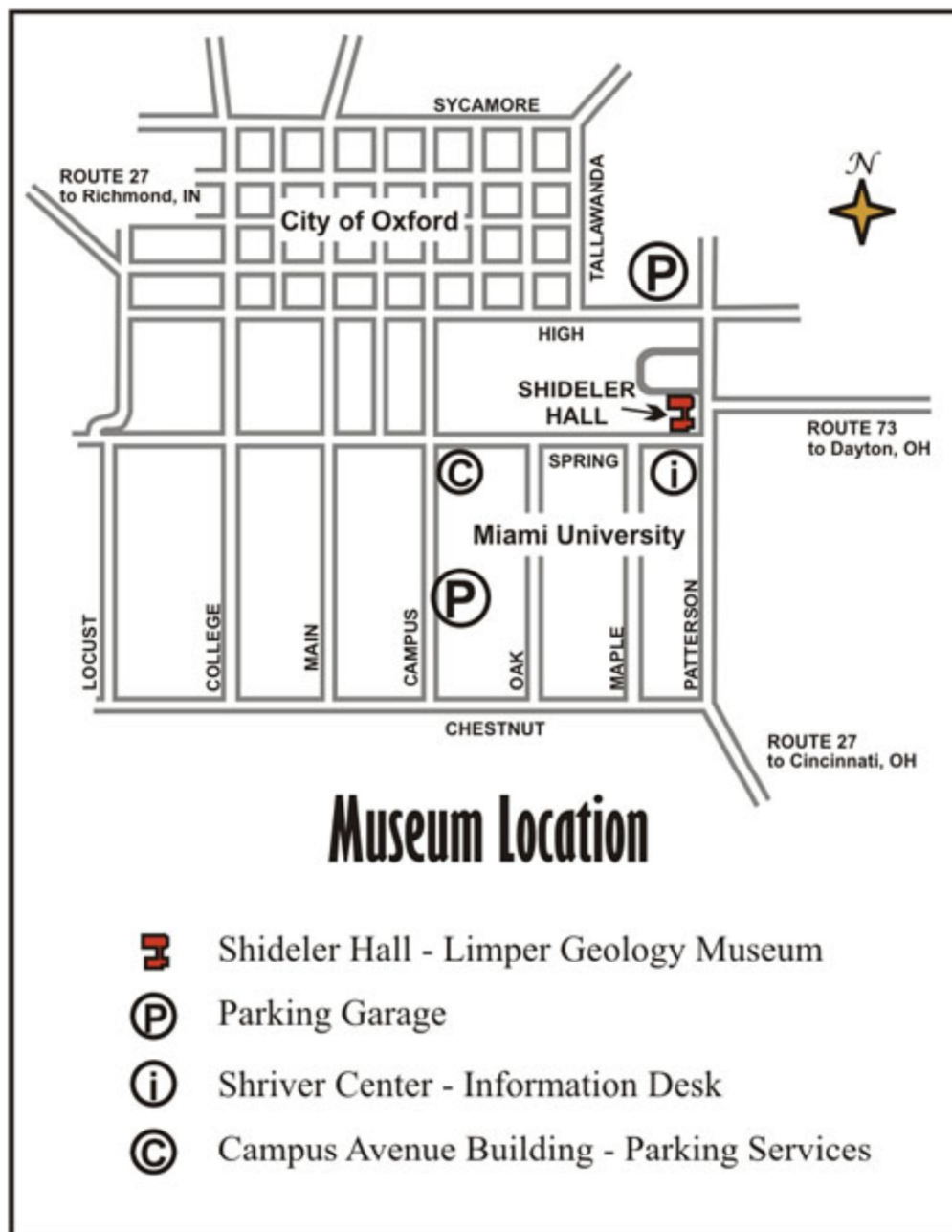
2:45-3:15 Pseudomorphy Involving Oriented Replacement, Particularly Reticulated Rutile (Peter Richards)

3:15-3:45 Pseudomorphs from Bolivia (Alfredo Petrov)

3:45-4:15 Pseudomorphs from Graves Mountain (John Medici)

**SPECIMENS:** A display case has been made available by the Limper Geology Museum for anyone who would like to display pseudomorph specimens.

**DIRECTIONS and PARKING:** The Limper Geology Museum is located on the Miami University campus in the basement of Shideler Hall, Room 8. Shideler Hall is located west of the intersection of US Highway 27 and State Route 73. Parking on Saturday is free in the lot directly across from Shideler Hall (Cook Field Parking Lot on corner of 27 and 73). See reverse side for map.



**MIAMI UNIVERSITY**  
**GEOLOGY SEMINAR SERIES**  
**SPRING SEMESTER, 2014**

Thursday, March 13\*\* - 7:00 PM – 115 SHD

**Montanez, Isabel** (UC Davis) – “Earth’s Deep-Time Insight into Our Climate Future”

Friday, March 14 – 4:00 PM -215 SHD

**Montanez, Isabel** (UC Davis) – “Climate Response to CO<sub>2</sub> forcing in a Paleo- Icehouse”

\*\*12<sup>th</sup> Annual Baldwin Frontiers in Geology Lecture

**Cincinnati Mineral Society**  
**Collecting Minerals in the Bolivian Andes**

**Speaker:** Alfredo Petrov, Desert Hot Springs, California

**When:** 8 pm Friday, March 14, 2014

**Where:** Sharon Visitor Centre auditorium at Sharon Woods Park, Cincinnati, OH

**Directions:** The Park entrance is on Lebanon Road (US-42) between Reading and Kemper roads. Exit I-275 south on US-42. Pass the traffic signal at Kemper Road and then turn left into the Park. After the admission booth, turn left into the Sharon Centre parking lot.

Alfredo will present an exciting story about his several-year adventures in the high Andes Mountains of Bolivia where he had ample opportunity to collect fine and rare minerals. Consider that much of Bolivia is high altitude country, where home can be at 10,000 feet elevation and collecting is up...sometimes to 14,000 feet...where water boils well below 190 degrees and every step (and the scenery) is breathtaking.

This presentation on Bolivian minerals is one that is simply not to be missed. Alfredo’s photos of minerals and his entertaining and humorous tales of life in such a different place will charm and amaze you.

Terry Huizing

Program Chair

Cincinnati Mineral Society



## Upcoming MSHA training opportunities

As you know, MSHA safety training is necessary to enter many mine sites in our region. Following are some of the best opportunities to get trained.

**MARCH 01:** TOLEDO GEM &  
ROCKHOUND CLUB, TOLEDO, OH  
TOLEDO BOTANICAL GARDEN  
Saturday March 01, 2014  
10:00 am - 3:00 pm

Toledo Botanical Garden  
Conference Center  
5403 Elmer Drive  
Toledo, Ohio

To enroll contact: Harold Burleson at  
419-533-7341

**MARCH 11:** DAYTON GEM AND  
MINERAL SOCIETY, DAYTON, OH  
DAYTON GERMAN CLUB  
Tuesday, March 11, 2014  
Time: 8:30 am

Dayton German Club (Liederkrantz-  
Turner)  
1400 East Fifth Street  
Dayton, OH 45402

This is an 8 hour training course and  
includes a lunch break.

Contact to enroll: Tom McGovern:  
[mcdoran1@juno.com](mailto:mcdoran1@juno.com)

**APRIL 05:** ROAMIN ROCK & MINERAL  
CLUB, LIVONIA, MICHIGAN  
NORTHVILLE MONTESSORI CENTER  
Saturday April 5, 2014  
8:00 am - 6:00 pm

Northville Montessori Center  
15709 Haggerty Road  
Livonia, MI 48152.  
Phone: (248) 474-4764

This location is between 6 and 7 Mile  
Road at the Montessori school

To enroll contact: Dr. John Lindsay  
(FM member)  
[okami0807@live.com](mailto:okami0807@live.com)

734-604-8561

\*See the class description on the next  
page

**APRIL 25:** COLUMBUS ROCK & MINERAL SOCIETY &  
FRIENDS OF MINERALOGY

ODNR - COLUMBUS, OH  
Friday April 25, 2013; 8:00 am - 5:00 pm

(Ohio Department of Natural Resources)  
2045 Morse Road, Columbus, OH 43229; Building E1 - First  
Floor Assembly  
Center.

### DESCRIPTION:

This is a large class. This course is taught by Mike Reese as  
the head instructor usually featuring FM/CRMS member  
Scott Kell who does a special segment of the training most  
pertinent to collectors.

### ENROLLING:

To enroll, contact Reggie Rose at [captaino@core.com](mailto:captaino@core.com) or  
614-875-2675 as soon as you receive this notification.

### April 5<sup>th</sup> class description

The whole of this course is taught by one of our fellow FM collectors, and so focuses on collecting safety, rather than safe practices for professionals employed by mining operations. A deposit is required when you sign up for the class.

#### **Course synopsis:**

The class includes:

1. 4 hours of mine/collecting safety
2. 4 hours first aid instruction.
3. A CD containing all materials covered
4. Copies of several tests, including a test designed by Dr. John Lindsay himself. Guaranteed pass of his test (you remain standing until you answer sufficient number of questions correctly).
5. Five years of no cost renewal with the answer of three questions correctly over the phone (you have a copy of the test with you so if you miss the questions you obviously have no business being on a collecting trip).
6. A class cost of \$50 including everything which amounts to \$10/yr. You can take the class anytime during the 5 year period as a refresher for no charge.
7. The sixth year you must retake the class at a cost of \$25.
8. There are no limits on the number of students but you need to sign up by one week before the class.

Dr. Lindsay takes the class very seriously as those who have taken it can attest; but the class is still fun.

### **Trip Report "Genoa - a fitting finale"**

FM members, I know that a field trip report over three months after a field trip may seem like an oddity, but I wanted you to have a field oriented article to read to help you rise out of what has been a nasty winter.

To say it was chilly at Genoa this past November would be accurate, but the less than balmy conditions pale in comparison to the frigid conditions through which we have mired in January and February 2014.

Genoa, Ohio - To collectors she is always considered the red haired step child of Clay Center. But not everyone in FM has given up on her. On Saturday November 09, 2013, 26 members of FM took to the road to see what Genoa could offer. I am sure that the hardy group we took there that day was not disappointed. Some of our collectors had an average collecting day, while others did very well.

Genoa on this day provided a museum piece and a story we all like to hear. Relating our Genoa trip to a sporting event, we all like to see our favorite team come from behind to win the big game, or one of our favorite players come back from an injury and have a career defining year. Often times in the sports world, such a player is identified as the "Comeback Player of the Year". The conditions were right at Genoa last November so that FM had its own "Comeback Kid". He is a past FM president, and a past AFMS (Columbus) President. He is known for his dry sense of humor and has collected museum quality pieces for close to a half century.

While everyone is loading up their vehicle with specimens they deem worthy of a trip home, this guy will scan the same quarry and can often be heard to say "I can't find anything". This seems like an odd statement to the collector filling their vehicle with mineralized boulders. What this fellow is actually

saying is "I can't find anything of museum quality". This collector "has been there and done that". Just ask him to show you one of his powder blue, porcelain appearing celestine clusters from Lime City. He can show you an eye popper or two. Have you given up yet? Do you know his true identity?

Well, there's no way of holding you captive any longer, our "Comeback Kid" at Genoa was collecting veteran Henry Fisher (Columbus, OH), and his find was sphalerite. So why does finding a museum piece define one as a "Comeback Kid"? Here's why and where this gets good. Over the past couple of years, for undisclosed reasons, Henry has not been on many trips. He actually had the wrong date for the trip and actually showed up at the quarry two weeks prior to the trip to find none of us there. There are more than a few people that I know who would have been disgusted and not have returned on the actual date of the trip, but not Henry. He came back anyway. So when he pulled into the quarry parking lot that frosty November morning, I was happy to see him undeterred and still on the trip.

I mentioned earlier that I do not see all of the top specimens collected on any given trip. But early on in this trip, several people asked me "Hey did you see Henry's sphalerite?" Since Henry and I were in different parts of the quarry, I did not get to see it until the end of the trip. When Henry showed it to me, immediately my camera came out for a photo.

Subsequently, FM had its first 2014 meeting at the Orton Museum in January. I looked at the sphalerites in their case, and Henry's blows theirs away. This find is one for the ages. And considering that we, as collectors, enjoy the thrill of discovery, this piece is one that will stick in my mind as one of the great finds on a local or regional trip. Kudos Henry - you are the FM "Comeback Kid".

In addition to the sphalerite that Henry found at Genoa, our newsletter editor Tom Bolka (Xenia, OH), found an outstanding scalenohedral calcite, and Scott Sadlocha (Sterling Heights, MI) found several really nice root beer colored cubic fluorite crystals.



**The outstanding Sphalerite sample collected by Henry Fisher at Genoa last Fall**



**Fluorite collected last fall at Genoa - Scott Sadlocha**

## Each quarry is a jewel in its own right

Overall during 2013 of the quarries we visited, I would say with fair accuracy that none were outstanding. But it seems like someone in every group took something very special home from each trip. Quarries that I viewed as subpar received positive comments from one or more FM collectors. This led me to believe that dropping a quarry from our visitation list cannot come solely from the kind of day I had there.

So I really need the input of our membership to answer two questions: (a) Did you find specimens that were worthy of taking home? and (b) where have you been that FM has not visited that would make a good future trip? Based on where FM went in 2013, there is not one

quarry that we attended that I would drop from our field trip list because of barren collecting conditions.

Referring to what you all collected in 2013, it would be unfair to select a "collector of the year", because I do not see everything that everyone collects. But in retrospect, some specimens do stand out. A summary of outstanding specimens follows this article.

If you want your special finds mentioned and photos of your top specimens in the FM newsletter, please show them off after each field trip so they can be photographed and included in our field trip reports. Our newsletter editor, Tom Bolka, works hard for us - I am sure that he would like to be stuck with the problem of having too many specimen photos submitted to him rather than too few. Keeping all this in mind, now it's off to MSHA training for 2014.

## OUTSTANDING FINDS 2013:

Dolomite Products/Penfield, NY: Will Alabran - Dolomite  
Stonenco Auglaize/Junction, OH: Alan Dewitt & Amy Bach (Richmond, IN) - Iridescent Fluorite  
Great Lakes Aggregates/ S. Rockwood, MI: Mike Royal (Defiance, OH) – Blue Celestine  
Rogers Group/ Mitchell, IN: A host of collectors - Selenite  
Hanson Lehigh/Mitchell, IN: Scott Kell (Columbus, OH) - Scalenohedral Calcite  
Stoneco/Clay Center, OH: Mike Scaglione - Fluorite  
Dolomite Products/Walworth, NY: Mike Scaglione - Fluorite  
Graymont Dolime/Genoa, OH: Henry Fisher - Sphalerite

## Quarry Travel Guide for March and April

No field trips are planned at this time. Look for any updates via Google groups.