



EARTH SCIENCES

**THE ROCK CLUB DEDICATED TO THE SERIOUS STUDY OF GEOLOGY,
MINERALOGY, PALEONTOLOGY**

THE TUMBLER

July 2008



JULY 2008 MEETING

**NORTH EASTWOOD
CHRISTIAN CHURCH
9425 EAST 30TH STREET
INDIANAPOLIS, INDIANA**

Sunday, July 13, 2008, 2:00 P.M.

**Jack McGriffin
Department of Natural Resources
Division of Reclamation**

**"The Importance of Coal
in Indiana"**

SHOW NEWS

Our August meeting will focus upon preparations for our September Show. Please bring donations for the Silent Auction and/or door prizes. We will prepare Silent Auction Bid Slips.

The success of our Show depends upon the number of members who help with the myriad responsibilities – WE NEED YOU!!! Sign-up sheets will be circulated in both July and August. Please sign up – often!



MARK YOUR CALENDARS



PRESIDENT'S MESSAGE

I am sorry I could not join those who enjoyed the wonderful picnic at Harris Precht's farm, I heard it was loads of fun and very full-filling. I was with 16 teenagers on Lake Michigan doing experiments on water quality. It was a blast. I hope we will be together, not only at our next meeting but our next field trip. Don't forget the Bloomington Show. The summer season is full of things to do and places to go. See you there. Happy rock hounding. And get well soon, Dee De Graw. We miss you.

Dee

- August 1-3 Ishpeming Rock & Mineral Show
Ishpeming, MI
- August 15-17 Greater St. Louis Earth Science
Club Show, Bridgeton, MO
- August 22-24 Mchiana Gem & Mineral Show,
St. Joseph County Fairgrounds,
South Bend, IN
- August 23-24 Peoria Academy of Science and
Geology Show, Peoria, IL
- September 5-7 500 ES 32nd Annual Show,
Hancock County Fairgrounds,
Greenfield, IN
- September 20 Lost River Field Trip, Orleans, IN
- October 3-5 10th Annual Treasures of the
Earth Show, Indiana State
Fairgrounds, Indianapolis, IN
- October 24-26 Geofest, Indiana State Museum,
Indianapolis, IN

500 EARTH SCIENCES CLUB
MINUTES OF THE MEETING
JUNE 8, 2008

The meeting was called to order by Secretary, Ann Richardson. The eighteen members and one guest were welcomed. Vice President, James Yarber introduced club member, Dora Foltz, who was to present a DVD program about the Kartchner Cave located in the Sonora Desert area, San Pedro River Valley, Arizona. Dora has had the pleasure of visiting the cave three times. The cave is known as The Jewel of the Desert by the state of Arizona. It is located on private property and was discovered by two young cavers in 1974. These two young men returned to the cave many times during the four years they kept its location and beauty a secret. The surrounding area was well known for caving and mining, sink holes, natural faults and limestone hills. Hidden within the cave were exquisite calcite columns, stalactites, stalagmites, draperies, bacon formations, organ pipes and cave pearls. To protect the cave from being destroyed by visitors, it was kept a secret. At the end of the four years of silence Mark Kashner, M.D. was informed about the cave on his property with photos included. Soon afterwards the state park system was contacted. The Nature Conservancy bought it and began the process of turning it into a state park. Shortly afterwards the legislators were contacted. Throughout the process the goal remained the same: to keep the cave's preservation as the # 1 concern. As a result the cave became part of the state of Arizona on November 5, 1999. Since it is a "living cave", one that is still growing, it was necessary to place restrictions on visitation. One such restriction limits the number of visitors per day. Reservations need to be made in advance. No cameras, purses or totes are permitted in the cave, visitors cannot touch anything except the handrails. The handrails are scrubbed at the end of the day to protect the calcite formations. According to Dora a visit to the Kartchner Caverns is a very worthwhile experience.

MAY 11, 2008 MINUTES: Approved as written, June 2008 newsletter.

TREASURY REPORT: accepted as presented by Treasurer.

MONTHLY GIVE – AWAY: Jackie Donnelly was the winner of the June Give-Away and chose a Grossular Garnet from Coahuila, Mexico.

OLD BUSINESS: Secretary Ann Richardson thanked Cassidy Creamer and her family for providing refreshments for the meeting. Ann reminded everyone to save commemorative stamps for the MWF stamp project. Dora Foltz, Cassidy Creamers, James Yarber and Dwaine Edington reported on the Field trip to the Brookville Causeway on Saturday.

NEW BUSINESS: Secretary Ann Richardson asked for comments, problems, and concerns about the newsletter being sent through e-mail. All problems need to be addressed to Nancy Mahoney and Len Gritzer. Jackie Donnelly became a new member of the club and was welcomed by the membership. The Mid West Federation is selling T-Shirts and Caps. They are gray and red. For more information, contact Dee Slater. **NEEDED:** Someone to volunteer to bring refreshments to the August meeting. Diantha DeGraw had hip surgery on May 6, 2008 and is doing well. A Get Well card was sent to her from the membership. More details about the joint picnic with the Cincinnati Rock Club at the Harris Precht farm in Connersville on Saturday, June 21, 2008 were presented along with directions to the farm. An announcement was made to the membership concerning a field trip to the Oswald Museum in Greenwood, IN on October 12, 2008 instead of holding our regular meeting at the North Eastwood Christian Church. A reminder that the Lawrence County Rock Club Show and Swap will be held on Friday, Saturday, Sunday, June 27, 28, 29, 2008 at the Monroe County Fairgrounds in Bloomington, IN. The Richmond Rock Club will be holding their annual picnic on July 3, 2008 at 6:30 at their club house and have invited the 500 Earth Sciences Club. Meat will be provided. Please bring a covered dish.

COMMITTEE REPORTS:

- **PROGRAMS:** The guest speaker for the July 13 meeting is Mr. Jack McGriffin.
- **FIELD TRIPS:** In July a field trip will be scheduled to the Napoleon Quarry in Napoleon, IN or to the St. Paul Quarry in St. Paul, IN. More details are forthcoming.
- **SHOW COMMITTEE:** Don Mahoney informed club members that the rental contract for the Hancock County Fairgrounds had arrived. We have lost three dealers this year due to increased gas prices. Due to increased prices in postage Len Gritzer revised the Show Flyer so that it could be sent as a post card. This year visitors to the show will be filling out a self-addressed card that will be used as a show reminder next fall. Don reminded people to start bringing Silent Auction items. He also asked folks to be ready to sign up to help during the show. Show cases are available for displays. Don will be bringing them to Indianapolis soon.
- **PUBLICITY:** George Wagner will be sending out letters to suppliers asking for donations for the Show within the next week.
- **MIDWEST FEDERATION:** **Needed** a volunteer to be a delegate at the MWF Convention in Nebraska. All volunteers need to contact Dee Slater at 317-253-6951.
- **LIBRARY:** Bob and Marge Begeman are going to take a trip to Russia and will not be available to supply materials from our library until they return. If you need something from the library, contact her within the next week or so. Ron Harlow donated a box of videos to the club's library... Thank You Ron.
- **WEBSITE:** Len Gritzer produced a Memorial piece for Marlene Edington and put it on the Website.
- **MICROMOUNTERS:** Dwaine Edington spoke about the Micromounters meeting at Ann Richardson's house on Sunday, May 25, 2008. The date for the next Micromounters Meeting has not been set as of yet.
- **Treasures of the Earth Show:** October 3- 5, 2008 at the Indiana State Fairgrounds.
- **Geofest:** October 24, 25, 26, 2008 at the Indiana State Museum.

Gray Rocks were shared by Gail, Ed, Ann

James Yarber shared a book he had just read: Follow the River by James Alexander Thom and a trip he had just taken to Big Bone Lick (A Park in Kentucky)

Next Meeting and Board Meeting: Sunday July 13, 2008.

REFRESHMENTS: July 13, 2008 Dee Slater

LITTLE NOWN FACTS

Submitted by Ann Richardson

Welcome to the **Little Known Facts** column about our club members. This month we are featuring club member **Len Gritzer**. **Did you know** that Len is a collector of early American photography dating from the Civil War to the 1900's. He specializes in tintypes, the Ambrotypes, and Dougerrotypes primarily. He also collects early American commemorative and postage stamps issued before 1940. In his collection he has the first two stamps ever printed by the U. S. Postal System; a five cent Ben Franklin and a ten cent George Washington (1947). In his spare time, Len enrolled in an Iconography School on Pennsylvania Ave. in Indianapolis and has been painting religious icons in the Russian style for the past three years. He has completed three icons. Each icon took one year to paint. The he uses is called Egg Yolk Tempera. Raw pigments are ground up and then mixed with egg yolk, as were their predecessors. Next month, the Little Known Facts column will feature President Dee Slater.



2008 CLUB MEETING DATES

July 13 Jack McGriffin
"The Importance of Coal in
Indiana"

August 10 Prepare for Show

September 4 At Show

October 12 Field Trip to Oswald
Museum, Greenwood

November 9 TBA

December 14 Pitch-In and Silent
Auction

2008 REFRESHMENT SCHEDULE

July Slater

August Richardson

October Begeman

November DeGraw

December All Members (Pitch-in)



MEMBER NEWS

J Yarber – Jim recently fell off his bicycle and broke his left arm (the radius in several places). As he said he needs to remember to always use training wheels while bicycling. Surgery is scheduled for July 1st. Speedy recovery, Jim!!!

The Mahoney's – If you are interested in renewable energy options, ask Don and Nancy. They will be installing a wind turbine, and it should supply enough energy for all the electricity needed for their home plus approximately 1,000 KW hours per month excess which will be sold to the local electric utility. They were interviewed by WSBT and the South Bend Tribune. They'll bring the newspaper article to the July meeting.

ABOUT OUR CLUB

2008 Officers

President Deanne Slater
317 253-6951

Vice President James Yarber,
317 835-7275

Secretary Ann Richardson
317 570-0713

Treasurer Gail Hall
317 845-9732

Committees

Program J Yarber
Field Trips D Edington
Hospitality N Hovee
Education A Richardson
Show D Mahoney, J Yarber
G Wagner

Publicity D Slater, L Gritzer
Fund Raising D & N Mahoney
Library M Begeman
Editors D & N Mahoney

Memberships:

\$20 Single \$25 Family
\$10 Subscriptions



CLUB WEB SITE

Address is

www.geology.iupui.edu/Outreach/500%5FEarth%5Fsciences/

Please send pictures and information you would like to share on the website to Len Gritzer at leng@indy.net.



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