

On the Rocks



A Newsletter of the Michigan Basin Geological Society

2003-2004 Number 11 www.mbgs.org

June 2004

EVENTS

August 9-11, 2004: Rocky Mountain Section Meeting in Denver, Colorado. Preregistration deadline is July 9, 2004. For more information call 303-861-2387, e-mail at RMNG2004@aol.com, or visit the websites: www.rmag.org or www.coga.org.

September 8, 2004: MBGS Meeting The tentative speaker is John Warne, Colorado School of Mines.

September 26-29, 2004: Society of Petroleum Engineers annual meeting Houston, Texas

October 3-6, 2004: 33rd Annual AAPG Eastern Section Meeting Ramada Plaza Hotel, Columbus, Ohio. The theme of this year's meeting is "Still Economic after all these Years."

May 5-16, 2005: MBGS Grand Canyon Field Trip.

The Michigan Basin Geological Society gave \$2,000 in scholarships to 6 students working on graduate or undergraduate programs at WMU and CMU this past year.

Thanks to the outgoing Executive Committee for the work they have done for the MBGS this past year and welcome to our incoming officers. The new officers are listed on the next page.

2004-2005 MBGS Officers

The Executive Committee meeting minutes are available on the website.

PRESIDENT: DR. MICHAEL GRAMMER, WMU
GEOLOGY DEPARTMENT
Ph: 269-387-3667, fax 269-387-5513
mike.grammer@wmich.edu

VICE PRESIDENT: DR. ROBB GILLESPIE, WMU
GEOLOGY DEPARTMENT,
Ph: 269-378-5354, fax 269-387-5513
robb.gillespie@comcast.net or
robb.gillespie@wmich.edu

SECRETARY: ROBERT REYNOLDS,
Reynolds Geological LLC
Ph: 517-676-9936, fax 517-676-8169
reynoldsgeo@voyager.net

TREASURER & PUBLICATIONS: TOM HOANE,
FMFM, DNR
Ph: Bus 517-241-3769, fax 517-373-2443
hoanet@michigan.gov

BUSINESS MANAGER: PAT POLI,
MPSC, Energy Operations Division
Ph: Bus 517-241-6141, Fax 517-241-6071
pmpoli@michigan.gov

PAST-PRESIDENT: TOM GODBOLD,
GLMD, DEQ
Ph: 241-1545, fax 517-241-1595
godboldt@michigan.gov

CO-FIELDTRIP DIRECTORS:
MARK WOLLENSAK, CPG
HAMP, MATHEWS & ASSOC, Inc.
Ph: 517-641-7333 Fax 517-641-7337
Cell 517-719-8321
wollensak@voyager.net

LEONARD ESPINOSA, FMFM, DNR
Ph: 517-335-3248, Fax 517-373-2443
espinosl@michigan.gov

NEWSLETTER EDITOR: TOM WELLMAN,
GLMD, DEQ
Ph: 517-241-1530, fax 517-241-1595
wellmant@michigan.gov

ELECTRONIC PUBLICATIONS, MARK WOLLENSAK
(see above)

WEBMASTER: GREG VARNUM
greg@smashwebdesign.com

University Talks and Seminars Websites

Western Michigan University:
www.wmich.edu/geology/SeminarGeos.html

Michigan State University:
www.glg.msu.edu/news/lectures.html

University of Michigan, Turner Lecture Series:
www.geo.lsa.umich.edu/announce/turner02b.html

Michigan AIPG Section website: www.aipg-mi.org.

MEETING CANCELLATION POLICY

Monthly meetings will be automatically cancelled whenever the National Weather Service issues a "Storm Warning" for the Lansing area. If driving conditions are poor but a "Warning" has not been issued please contact any member of the Executive Committee for the status of the meeting.

MICHIGAN BASIN GEOLOGICAL SOCIETY PUBLICATIONS

Historical CD #1: Nine out-of-print publications from 1949 through 1965 and 1998, Devonian to Silurian Rock Fieldtrips to MI, WI, IL and Ontario, 2000, \$15

Historical CD #2: Four out-of-print publications from 1947, 1959, 1983 and 1991, Northern Devonian and UP Fieldtrips in MI, 2001, \$10

Historical CD #3: Six out-of-print publications from 1947, 1959, 1983 and 1991, Northern Devonian and UP Fieldtrips in MI, 2001, \$12

Special Price - Historical CD #1, #2 & #3, \$30

Stratigraphic Lexicon for Michigan, 2001, prepared by MBGS and published by DEQ, 56 pp., chart, \$2.65 picked up or \$4 mailed. Can be ordered from MBGS or Geological Survey Div. of the DEQ

Price Includes postage, handling and any applicable sales tax. MBGS Members receive a 10% discount on MBGS publications.

Orders for publications should be prepaid in U.S. Funds and addressed to:

MBGS - Publications
c/o Dept. of Geological Sciences
206 Natural Sciences Building
Michigan State University
East Lansing, Michigan 48824-1115

MBGS Mug and Jacket Sale

The Michigan Basin Geological Society is offering mugs and jackets with the society logo for sale. The mugs are \$5.00 each. The jackets are \$60.00 each plus postage. Please contact Dan McGuire at: Phone (517) 772-5219, Fax (517) 772-7021, or danmcguire@sensible-net.com. Remember to include the correct size of the jacket and the quantity of each item. Checks should be made out to the MBGS.

MSU Geology Department Field Trip to Marquette

The MSU Geology Department is running a field trip to Marquette, August 27 - 29, 2004 (Labor Day weekend). Friday the 27th will only have an evening meeting to discuss the next two days of field trip, discussion by Dr. F. William Cambray. The cost of the trip will be \$75.00 per person. Included in that cost will be a dinner on Saturday night with the speaker being Dr. Dave Hindle who will discuss the current interpretations of what is happening geologically in the Marquette Super Group. Not included will be transportation to Marquette, lodging and all other meals. Everyone is welcome. This is not just a trip for MSU alumni. I would appreciate it if you would let MBGS members know about this trip and give them my email address and phone number, should they have questions.

Sincerely,

Chuck Julian
GeoLogic Computer Systems
2505 Williams Dr.
Waterford, MI 48328-1869
248-634-3513 home
248-335-8863 work

The alumni of the Department of Geological Sciences at MSU are planning a reunion in the field. We will meet at the Holiday Inn, Marquette, on August 27th and spend Saturday and Sunday going over some of the old field camp locations and putting the latest interpretation on them. We promise fine sunshine, no mosquitoes and no final reports due next day! This is a wonderful opportunity to renew acquaintance with old friends and make new ones. The Upper Peninsula of Michigan geology has undergone some remarkable reinterpretations in the years since you were students. The plate margin origin is now well accepted, rift valley geometry and basin inversion has been documented but many aspects remain to be understood. Even the age of the rocks and the deformation leaves room for discussion. It is one of the best areas in the world to study Proterozoic tectonics and to make comparison with modern plate scenarios. The trip will be led by MSU's new structural geologist Dave Hindle and retired structural geologist Bill Cambray. A relaxed and informative trip is planned. Join alumni, their families and friends, to see what they are up to these days and find out the latest developments in the department. For more information contact the field trip co-chairs Chuck Julian or Dave Robbins at the numbers below. The field trip will include breathtaking views along the shore of Lake Superior.

Questions? Contact the Geology Field Trip Co-Chairs:

Chuck Julian (Class of '75) Dave Robbins (Class of '73)

Phone: 248-634-3513 Phone: 734-737-4693

Chuck.Julian@GeoLogic3d.com David.Robbins2@unisys.com

SCHEDULE

Friday, August 27, 2004

7:00 p.m. -9:00 p.m. - Welcome & Presentation by Dr. Cambray on Marquette area geology.

Saturday, August 28, 2004

8:00 a.m. -5:00 p.m. - Excursions to various sites led by Dr. Hindle & Dr. Cambray. Transportation provided. Sites include: Jasper Knob, Harvey Quarry, Tilden Mine, and other sites.

7:00 p.m. -9:00 p.m. - Banquet Dinner at the Holiday Inn with presentation by Dr. Hindle on current research and initiatives at the MSU Department of Geological Sciences.

Sunday, August 29, 2004

8:00 a.m. -11:00 a.m. Excursion to area sites, including: Lighthouse Point, Presque Isle

Locations subject to change.

This old basin inversion shows very early plate tectonics.

Evidence of old microbes: the Banded Iron Formation at Jasper Knob.

GRAND CANYON FIELD TRIP 2005

May 5 - 16, 2005

There are two boats. Presently the first boat is filled and there are openings in the second boat. Attendance on this trip is on a first-come-first-served basis so those determined to attend should make reservations with Mark Nida ASAP. **Deposits of \$100 are required at the time you make your reservation.**

The cost will be approximately \$2200 plus transportation cost to Las Vegas. If you are interested in joining MBGS members on this trip, email Mark Nida at mcnida@michigan.gov or Mark Wollensak at mark@mbgs.org.

New Publications

Mineralogy of Michigan

A major revision of this important reference. Now in an 8.5" by 11" format with over one hundred of full color illustrations of minerals found in Michigan.

Price \$ 45.00 (plus shipping)

Michigan Fossils *POSTER* & Flash Cards

Twenty-four of the usual suspects from Precambrian to Pleistocene, vertebrates, invertebrates and plants, statewide.

Michigan Fossils poster - folded to 8.5" by 11" - \$1.50

Michigan Fossils poster - rolled / "flat" 17" by 22" - \$3.00

Flash Cards - set of 36, 3.5" by 2.5" cards - \$2.00

includes 9 sedimentary rocks as well as fossils from the poster

Prepayment is required. For more information contact:

Sharon Carter - carters1@michigan.gov

MI DEQ GLMD, Maps and Publications

525 W. Allegan Lansing, MI 48909-7756

Ph: 517 241-1520

Digital Images of Geology (DIG) Contest Michigan Rocks

Information and details are on the web @ www.michigan.gov/deqgeologyinmichigan
(no spaces • all lowercase) - or -

Email - Steven E. Wilson - wilsonse@michigan.gov

MI DEQ, GLMD, 525 W. Allegan, Lansing, MI 48913

CALL FOR ENTRIES



1ST ANNUAL ENVIRONMENTAL EXCELLENCE AWARDS

Registration & Commitment Due: August 6, 2004

Completed Entry Package Due: September 24, 2004

- Award** The awards will honor one project from each of three categories: brownfield redevelopment, environmental investigation/remediation and innovative compliance solutions.
- Eligibility** Environmental projects must be located in Michigan and completed between January 2003 and September 1, 2004.
- Criteria** Entries may be submitted for any of the three categories and will be evaluated based upon effective teaming, project challenges and solutions, original or innovative application of new or existing techniques, and social and/or economic significance.
- Judging** The entries will be evaluated by a distinguished panel of judges, including the following individuals:
- Mr. Terry Alexander, P.E., University of Michigan, Occupational Safety and Environmental Health
 - Mr. Michael Barcelona, Ph.D., Department of Chemistry, Western Michigan University
 - Mr. Michael Johnston, Michigan Manufacturers Association
 - Mr. Robert Neumann, P.E., Consumers Energy Company
 - Mr. Oladipo Oyinsan, Michigan Department of Environmental Quality, Remediation and Redevelopment Division
 - Mr. Vern Taylor, Michigan Economic Development Corporation

Winners and judges will be recognized at MAEP's annual meeting to be held in late November or Early December 2004. All entries will be displayed at the meeting. **North Star Public Relations** will provide public relations for the awards and winning projects.

For information on registration and commitment, contact Lynne Kohon at (517) 349-1970 or visit our website at www.maep.org to download a copy of the registration form. Completed registrations forms and fees are due to MAEP by August 6, 2004. The registration fee for MAEP members is \$100 and \$150 for non-members (\$50 of the \$150 can be applied toward one annual general membership). Checks must be made payable to *The Michigan Association of Environmental Professionals*. The entry fee is non-refundable. Instructions for entry will be provided upon receipt of registration form and fee. All entries must be received no later than 5:00 p.m. on Friday, September 24, 2004.

NEWS RELEASE



MICHIGAN ASSOCIATION OF ENVIRONMENTAL PROFESSIONALS ANNOUNCES FIRST ANNUAL ENVIRONMENTAL EXCELLENCE AWARDS

FOR IMMEDIATE RELEASE

28 June 2004

Contact: Ryan Dunning
dunninr@superiorenvironmental.com
248-596-1170

DETROIT, MI – JUNE 28, 2004 – The Michigan Association of Environmental Professionals announced today the call for entries for the first annual Environmental Excellence Awards.

The awards will honor one project from each of the three categories: brownfield redevelopment, environmental investigation/remediation and innovative compliance solutions. Each project must have been completed in Michigan and completed between January 2003 and September 2004.

The MAEP Environmental Excellence Awards will recognize environmental professionals that have made outstanding contributions to the industry. They will be evaluated by a panel of industry leaders on effective teaming, project challenges and solutions, original or innovative application of new or existing techniques, and social/economic impact.

"These awards are our way of recognizing those who have contributed to their communities in various ways," said Ryan Dunning, Officer of MAEP. "We are looking forward to the response since this is our inaugural competition, and are excited to award these well-deserved honors."

Registration due August 6, 2004. All entries must be received by September 24, 2004. Winners will be announced at the MAEP annual meeting in December. For registration information, please visit www.maep.org.

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