



# THE OHIO GEOLOGICAL SOCIETY

*An Affiliate (1963) of the American Association of Petroleum Geologists (AAPG)*

The Newsletter of the Ohio Geological Society

January 2002

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## President's Column

Well, I hope you all had a Happy Christmas and New Years. This year, we have a number of good speakers coming up at our monthly meetings that I hope you will find informative and educational. This month's speaker is Dale Gnidovec, Collections Manager of the Orton Geological Museum, Ohio State University. He will be speaking on dinosaurs and the Morrison Formation of Colorado. This talk looks at this Late Jurassic rock unit that has produced so many fossils - Allosaurus, Apatosaurus (Brontosaurus), Diplodocus, Stegosaurus - from such famous sites as Dinosaur National Monument and Como Bluff. Dale has done graduate work on dinosaurs in Kansas, and in Pennsylvania. He is a very dynamic speaker, speaking to thousands of people every year and reaching to many more people with his weekly column in the Columbus Dispatch.

The 4<sup>th</sup> Annual Christmas Party was a success. We had over 40 people attend the party at the University Plaza Hotel. It was really nice to see many of you come out for our annual social event. I would like to thank this year's sponsors for their assistance in making our annual party a success. They include:

### 2001 OGS Christmas Party Sponsors

Appalachian Geophysical Services  
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### Door Prize Donors

Ohio Geological Society  
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I would also like to thank the people that help put this wonderful event on this year and assisted us at the party. Special thanks goes to Amy Burke for her hard work in organizing the party again this year.

The deadline for the AAPG Foundation Grants-in-Aid program is January 31, 2002. The purpose of the AAPG Foundation's Grants-in-Aid program is to foster research in the geosciences. Grants are made to provide financial assistance to graduate students (currently enrolled in Masters or Ph.D. programs) whose thesis research has application to the search for and development of petroleum and energy-mineral resources, and/or to related environmental geology issues. If you need the application forms or if you need more information, please give me a call.

Finally, the Society will be having a special election for the AAPG House of Delegates (HOD) representative. Larry Wickstrom and Steve Zody are our current representatives the AAPG HOD, with Larry's term of office running 1999-2002 and Steve's term running 2000-2003. Larry has decided not to run again when his term of office is up at the end of June, because he has been elected to a national position on the AAPG Advisory Council. So, we have a position opening up for the AAPG House of Delegates. If you are an Active AAPG member and are interested in running for this position, please give me a call by January 29.

**Hope to see you at the next meeting.**

## UPCOMING OGS MEETINGS AND EVENTS

### January 21st, 7:30 p.m. at the H.R. Collins Laboratory at Alum Creek State Park

Dale Gnidovec, Collections Manager of the Orton Geological Museum, Ohio State University will speak on dinosaurs and the Morrison Formation of Colorado. The meeting will be at the Horace R. Collins Laboratory, Alum Creek State Park, 3307 South Old State Road, Delaware, OH 43015 (740) 548-7348. Dinner will be at the Corner Café at 5:30 p.m. Please RSVP for dinner by noon of the day of the meeting (January 21) to Jim McDonald (614-265-6601). For more information, please contact Jim McDonald at (614) 265-6601 or by e-mail at [jim.mcdonald@dnr.state.oh.us](mailto:jim.mcdonald@dnr.state.oh.us).

**Contact one of the officers if you need directions to either the meeting place or Corner Café.**

The Magnificent Morrison by Dale Gnidovec

This talk looks at this Late Jurassic rock unit that has produced so many fossils - Allosaurus, Apatosaurus (Brontosaurus), Diplodocus, Stegosaurus - from such famous sites as Dinosaur National Monument and Como Bluff. It ends with a look at a Morrison site in southern Montana where I've been digging dinosaur bones the past two summers.

Dale's biography:

Curator and Collections Manager of the Orton Geological Museum, Department of Geological Sciences, Ohio State University. He has a B.S. in geology from Muskingum College, an M.S. in geology from Fort Hays (Kansas) State University, and has done Ph.D. work at the University of Texas at Austin and the University of Pennsylvania in Philadelphia. His main interest is paleontology, with a special (some would say consuming) interest in dinosaurs.

Here at the Orton Museum my main job is taking care of over 50,000 rocks, minerals and fossils, seeing that they are labelled properly, in the right cabinets and drawers, and available for teaching and research. We also loan fossils to scientists all over the world. At any given time we may have specimens in a dozen states and half a dozen foreign countries, so I must keep track of who has what and when it is due back.

The second part of my job is taking care of the Museum's exhibit hall and giving guided tours. A small Museum Store helps fund the Museum, and I order the inventory and keep the financial records.

Another part of my job is identifying things that people bring in, such as rocks, minerals, fossils, and bones (I don't do artifacts - those I send across campus to the archaeologists).

The best part of my job is educating the public about geology. Last year I spoke to nearly four thousand people, about half of them elementary school children. To reach an even greater audience, I also write a geology column that appears weekly in the Sunday Columbus Dispatch.

**Editor's note: Here is your chance....bring to the meeting all those rock samples you haven't been able to identify!**

### Items of Note:

The University of Tulsa, Continuing Engineering & Science Education (CESE) offers professional development seminars.

If you would like to receive more information on the courses:

- 1) contact them via email: [conted\\_cee@utulsa.edu](mailto:conted_cee@utulsa.edu)
- 2) visit their website: [www.conted.utulsa.edu](http://www.conted.utulsa.edu), click on Continuing Engineering & Science Education, then on the course category of your choice.
- 3) give them a call: 918-631-3088

**Remember 2001-2002 Ohio Geological Society Annual Dues are now due!**

# PUBLICATIONS

The in-print publications of the Ohio Geological Society may be purchased from the Ohio Division of Geological Survey. Members of the Society receive a discount; the member price is in parentheses (M:). For more information, write the Ohio Geological Society, P.O. Box 14304, Columbus, OH 43214.

**OGS 1. Guidebook to the Middle Devonian rocks of north-central Ohio**, by A. Janssens. 30 p., 1970. \$2.50. (M: \$2.00).

**OGS 2. Geology of Silurian rocks, northwestern Ohio**, by C. F. Kahle and J. C. Floyd. Guidebook for First Annual Meeting, Eastern Section, American Association of Petroleum Geologists. 91 p., 1970. \$7.00 (M: \$6.00).

**OGS 3. Seminar on industrial self-help programs for natural gas supplies**, edited by Arie Janssens. 55 p., 15 figs., 1 table, 1977. \$3.50 (M: \$3.00).

**OGS 4. Clinton sandstone papers presented at the Ohio Oil and Gas Association Winter Meetings 1961 to 1978** (abridged reprint of 1980 volume). 228 p., 1985. \$25.00 (M: \$20.00).

**OGS 5. The new Clinton collection--1985**, edited by Jack Gray, Andy Maslowski, Warren McCullough, and W. E. Shafer (2nd printing). This edition includes a transcript of "Deeper Clinton-Medina drilling in southeastern Ohio" from a March 1986 Ohio Geological Society meeting. 257 p., 1985. \$25.00 (M: \$20.00).

**OGS 6. Principles of seismic exploration.** A collection of papers from a seminar presented at the 1987 AAPG Eastern Section meeting. 1987. Out of print.

**OGS 7. Computer-aided analysis of geologic data**, edited by Lawrence H. Wickstrom. A collection of papers from a seminar presented at the 1987 AAPG Eastern Section meeting. 100 p., 1987. \$15.00 (M: \$12.00).

**OGS 8. Maps and cross sections of the Cambrian and Lower Ordovician of central Ohio**, by G. G. Shearrow. 31 p., 8 pls., 1987. \$12.00 (M: \$10.00).

**OGS 9. An update on Ohio's subsurface geology.** Proceedings from the October 1993 technical symposium held in Canton, Ohio. 11 papers, separately paged, 1993. \$25.00 (M: \$20.00).

**OGS 10. The Ohio Geological Society anthology, the Morrow County, Ohio "oil boom" 1961-1967 and the Cambro-Ordovician reservoir of central Ohio**, edited by William E. Shafer. 452 p., 1994. \$65.00 (M: \$55.00).

**OGS 11. Major natural gas plays of the Appalachian basin and surrounding areas.** Proceedings from the October 1994 technical symposium held in Canton, Ohio. 11 papers, separately paged, 1994. \$25.00 (M: \$20.00).

**OGS 12. Structural influences on oil and gas reservoirs.** Proceedings from the October 1995 technical symposium held in Canton, Ohio. 14 papers. 129 p., 1995. Out of print.

**OGS 13. Enhanced recovery--historical development and future potential in Ohio and the Appalachian Basin and Integration of geology and geophysics in exploration.** Proceedings from the October 1996 technical symposium held in Akron, Ohio. 16 papers. 209 p., 1996. \$25.00 (M: \$20.00).

**OGS 14. Ohio Geological Society Fifth Annual Technical Symposium.** Proceedings from the November 1997 technical symposium held in Akron, Ohio. 11 papers. 117 p., 1997. \$25.00 (M: \$20.00).

**OGS 15. Petroleum Seismology in the Digital Age.** Course notes from the Ohio Geological Society's 3-D Seismic Seminar presented at the 1998 AAPG Eastern Section meeting. \$20.00 (M: \$15.00).

**OGS 16. Fossil Collecting in the Silica Formation at Sylvania, Ohio.** Guidebook for the 1998 AAPG Eastern Section meeting. 16 p., 1998. \$7.00 (M: 6.00).

**OGS 17. Into The New Millennium: The Changing Face of Exploration In The Knox Play.** Proceedings from the Sixth Annual Fall Symposium held in Akron, Ohio, October 1999. 12 papers. 120 p., 1999. \$25.00 (M: \$20.00).

To order any of the Society's publications call or write: The Geologic Records Center, Ohio Geological Survey, 4383 Fountain Square Drive, Columbus, Ohio 43224-1362. Telephone (614) 265-6576. E-mail: [geo.survey@dnr.state.oh.us](mailto:geo.survey@dnr.state.oh.us).

**Other Meetings and Events:**

- 23 January 2002            Joint PAPG/AGS Monthly Meeting  
William Zempolich, AAPG Distinguished Lecturer  
“Dolomite Reservoirs Created Through Fault-Related Burial Dolomitization: Analogs from the Italian Alps”  
Holiday Inn Meadowlands, Washington, PA  
For contact Barbara A. Purks at Schlumberger Holditch-Reservoir Technologies, 1310 Commerce Drive, Park Ridge 1, Pittsburgh, PA 15275-1011, 412-787-5403 (phone), 412-787-2906 (fax), [purks@pittsburgh.oilfield.slb.com](mailto:purks@pittsburgh.oilfield.slb.com) (email).
- 20 February 2002        Joint PAPG/PGS Monthly Meeting  
Speaker to be announced  
Parkway Center Best Western, Pittsburgh, pA
- 21 March 2002            SPE-PAPG joint Monthly Meeting  
Charles Thomas, SPE Distinguished Lecturer  
“Methane Hydrates – A Major Energy Source for the Future or Wishful Thinking?”  
Location to be announced
- April 2002                PAPG Monthly Meeting  
Chris Kulander, U.S. Geological Survey (tentative)  
Seismic analysis of the Rome Trough

***The Ohio Geological Society***  
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**(We would prefer to E-mail you this Newsletter. Please send us your E-mail address.)**

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