



WINTER 2000
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Message from the Past-President: John Popp

1999 was a great year for the **Kentucky Society of Professional Geologists**, and I wish to thank all of you who have supported KSPG through your membership and attendance at our functions. Most of all I would like to thank the **Executive Committee**, which has provided the backbone for this year's activities. As mentioned in previous newsletters, I am really encouraged by the enthusiasm that has been visible at our Executive Committee meetings, the Annual Symposium, and the Fall Field Trip, and other events. Please continue to give your support to the organization in 2000, the new millennium.

One of my goals this year was to encourage interaction between **KSPG** and **AIPG**. To that end we jointly nominated three candidates to fill an expired position on the Board of Registration, and the Governor accepted our nomination of **Robert Fox**, who is a petroleum geologist with Term Energy Corporation in Lexington. Many of you know Bob and recognize his insight and maturity. I encourage you to welcome him.

What else was accomplished? Discussions have begun about developing KSPG as an "**umbrella**" **geological organization** for all geologists and friends in Kentucky. In this role KSPG would collect information from all organizations, geology departments, the Board of Registration, and other groups and distribute the information either via newsletters and/or the internet. KSPG would not replace nor represent other organizations or groups. Rather it would serve as a common link, a central location whereby geological information could be disseminated, the "*Geotimes*" of Kentucky geology perhaps. There are pros and cons to this concept, and I welcome your comments about the need for this function. I am sure there will be much more discussion before this concept is approved.

Enclosed is a ballot to elect a new President-elect, the Secretary-Treasurer, and a Councilor. I encourage you to complete the ballot and return it as quickly as possible. Remember that KSPG is always looking for "fresh blood" on the Executive Committee. If you would be willing to commit 1-3 hours per month, we would love to have your involvement.

Comments?? Let me know what you think about KSPG by calling (606) 224-7219, or email me at my new address, johnp@arlp.com.

Message from the President: Bart Davidson

Do you remember talking with your friends back in high school about how old you'd be in the year 2000? Did you get it right? Well, now that we've all made it into (dare I say it) the new millennium, I hope the New Year finds you well and happy! The advent of Y2K has passed relatively glitch-free, and it's great to know that one of the constants through all the hoopla was that the rocks haven't changed all that much.

Oh, but the science of geology sure has! During the old college days when we studied crystal structures and chemical formulas of minerals, strike-slip versus transform faults, Walther's Law and thin sections of oolitic limestone, I used to wonder what kind of rocks I'd be studying in 10 years time. To tell the truth, now that almost 20 years have come and gone, my trusty rock hammer hasn't seen much action. It seems that geology has progressed from long days in the field to hours in front of a computer screen, generating maps from data collected in years past. I hope that many of you are still able to get out there and "whack a rock" every now and then!

Even with all the changes taking place, it is an exciting time to be involved in geology. 1999 proved to be a good year for KSPG, and thanks are due to President John Popp and the Executive Committee for a job well done. There are currently three open positions for 2000: **President-Elect, Secretary-Treasurer, and Councilor**. Please take a moment to complete the enclosed ballot, and feel free to use the "write-in" space to recommend anyone for office that may be interested. We would like to get these folks on board as soon as possible.

The Executive Committee will be meeting this month to discuss ideas for the **Spring Symposium** in May and the **Fall Field Trip** in October. Several suggestions are already on the table. Also, Drew Andrews (KGS) is in the process of developing a review course for persons interested in taking the examination for professional registration as a geologist. I am hoping that KSPG will be able to establish another **Distinguished Geologic Site** for

the Year 2000. Drew is also chair of that committee, and if you have suggestions, please let him know.

Will you help us to make the Year 2000 one of the best on record for KSPG? Try to make a commitment to attend as many of our events and activities as possible during the year. The phone numbers and addresses of the members of the Executive Committee are located elsewhere in the newsletter. Please let me or any of the Committee members know if we can help you in any way. I can be reached at (606) 257-5500, or by e-mail at bdavidson@kgs.mm.uky.edu. Thanks for being a part of KSPG!

2000 KSPG Officers

Past President	John Popp Alliance Coal, LLC 771 Corporate Dr., Ste. 1000 Lexington, KY 40503 (606) 224-7219 johnp@arlp.com
President	Bart Davidson *Kentucky Geological Survey bdavidson@kgs.mm.uky.edu
President-Elect	open (see enclosed ballot)
Secretary/Treas. (2000-2002)	open (see enclosed ballot)
Editor (appointed)	Tom N. Sparks *Kentucky Geological Survey sparks@kgs.mm.uky.edu
Councilor (1999-2000)	Paul Howell Natural Resources Conservation Serv. 771 Corporate Drive Lexington, KY 40503 P.Howell@kystate.ky.nrcs.usda.gov
Councilor (2000-2001)	open (see enclosed ballot)

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Report on the SEPM-GLS/KSPG Fall Field Trip

On October 8-10, 1999, the 1999 Field Conference of the Great Lakes Section SEPM-SSG (Society for Sedimentary Geology) and the Kentucky Society of Professional Geologists (KSPG) was held in Northern Kentucky. Thomas J. Algeo and Carlton E. Brett of the University of Cincinnati Department of Geology led the field trip, entitled "Sequence, Cycle & Event

Stratigraphy Of Upper Ordovician & Silurian Strata Of The Cincinnati Arch Region."

In spite of steady rain on Saturday and part of Sunday, about 60 participants viewed well-described roadcuts and exposures. The participants included approximately 15 KSPG members. An informal KSPG meeting was held the evening before the conference. As a sponsor of the field trip, KSPG funded field trip expenses, which exceeded income, of \$324.66, as approved by the Executive Committee.

The Kentucky Paleontological Society Presents: Dr. John R. "Jack" Horner, 2000 Darwin Lecture

The Kentucky Paleontological Society is pleased to announce that **Dr. John R. "Jack" Horner**, Curator of Paleontology, Museum of the Rockies, Montana State University, has agreed to be the speaker for the 2000 Darwin Lecture, which will be held on Friday, February 4, 2000 at 7:30 PM in the Recital Hall of the Singletary Center for the Arts on the University of Kentucky Campus (on the corner of Rose and Euclid). As usual, admission will be free to the public. Jack Horner will speak on the topic of "Digging Dinosaurs - New discoveries and new technologies for answering paleontological questions in the new millennium." Please make every effort to attend and publicize this event. Parking can be found at the parking structure on Hilltop Avenue and the parking lot behind the faculty club. KPS members are encouraged to arrive early so as to find parking. Besides the KPS, the following sponsors have made this event possible: Centre College, Danville; Mr. Walter Gross, Pepsi Bottling and Distribution; Kentucky Geological Survey; Kentucky Society of Professional Geologists; and the Department of Geological Sciences, University of Kentucky.

OTHER DINOSAUR TALKS BY JACK HORNER!!!

Besides the Darwin Lecture, Jack Horner is also giving two other dinosaur talks in the area. On Thursday, February 3, at 7:30 PM Jack Horner is speaking on "Dinosaur Behavior" at Centre College in Danville. The talk will be in Young Hall, located at 620 West Walnut Street, Danville. From Lexington via US 27 and KY 34 one enters Danville on Lexington Avenue, which runs parallel to Walnut Street. Proceed to the fourth traffic light and turn left onto Maple Avenue. Maple ends at a T with Walnut Street. A right turn at this stop sign and a very short distance to the first left would put one on Beatty Avenue. The next street on the left goes behind Young Hall where there is parking.

On Friday, February 4, at 3:30 PM (refreshments at 3:00 PM) at the William T. Young Library auditorium Jack Horner is giving a more technical talk to the University of Kentucky Geology and Biology Departments. The general public is also welcome. His talk will be on "Dinosaur Growth and Behavior." Parking can be found behind the Faculty Club and Kentucky Geological Survey.

For information, call Dan Phelps at 606-277-3148.

Distinguished Geologic Sites: Call for Nominations

The KSPG Executive Committee is now seeking nominations for locations deserving recognition as Distinguished Geologic Sites. This award is designed to bring previously unrecognized geologic sites of major importance to the attention of the geologic community, educators and the general public.

Sites meeting the following criteria will be given preference:

(1) Broad appeal and/or major significance to geology in Kentucky

The geology of the site should be relevant to a broad scope of geological disciplines (stratigraphy, sedimentology, paleontology, structural geology, geomorphology, economic geology, engineering geology, hydrogeology, etc). The site should appeal to, and be useful to, a wide range of practicing geologists, as well as students, researchers and the general public.

(2) Not already recognized by establishment of a public park

The site should not already be an established geological park or reserve. Sites such as Mammoth Cave, Big Bone Lick, Natural Bridge, Cumberland Falls and Cumberland Gap, are already established as public parks, and thus have gained public attention. We would like to bring additional sites to general public recognition, and encourage the potential development of new parks or reserves around the commonwealth.

(3) Accessible to the public.

The site must be publicly accessible (no fees, not private property, etc.), and the significant geology at the site should be visible and easy for people of all ranges of geological experience to recognize and appreciate. Commercial sites are not eligible for this recognition.

(4) Not scientifically or environmentally sensitive

The site must be neither scientifically sensitive (such as a rare paleontology collection site) nor environmentally sensitive (fragile ecosystem, dangerously contaminated, etc.). Geologists and the general public will be encouraged to visit the site, so if doing so endangers either the information at the site or the health and safety of the visitors, the site should not receive the award.

(5) Community support

Preference should be given to sites with a strong potential of local public support for maintaining and promoting the site.

Nominations and site selection process

Nominations should be in writing, and include the following information:

- location of site
- detailed description of the site geology, specifically emphasizing accessible exposures
- discussion of the relevance and importance to different geological subdisciplines

- discussion of potential interest to educators, students, and the general public

Nominations will be submitted to the chair of the Distinguished Geologic Sites committee, and will be screened by the committee for completeness and fulfillment of basic criteria, under the advisement of the Executive Committee. The Executive Committee will then meet, review and discuss all qualifying nominations. Selection of a site is only by unanimous agreement of the Executive Committee and chair of the awarding committee. Proposals are received throughout the year. No more than one site will be chosen to receive the award in any given calendar year. To maintain the prestige, honor and significance of the award, the Committee may decide not to select any sites in a given year. Nominations for sites not selected to receive the award will be carried forward to subsequent years at the discretion of the Executive Committee.

Nominators of successful nominations (or their willing designees) will be approached to organize, lead, or assist with a field trip to their chosen site.

Please direct nominations or inquiries to:

William ("Drew") Andrews
Kentucky Geological Survey
228 Mining and Mineral Resource Bldg., UK
Lexington, KY 40506-0107
phone: (606) 257-5500
email: wandrews@kgs.mm.uky.edu

Upcoming List of Activities

- **February 4, 2000** -- Kentucky Paleontological Society presents, The Darwin Lecture 2000, Singletary Center, guest speaker, John Horner of Montana State University
- **May 17-20, 2000** -- Digital Mapping Techniques workshop, sponsored by the USGS and AASG, at the KGS
- **Spring 2000** -- KGS Annual Meeting
- **Spring 2000** -- KSPG Annual Seminar
- **TBA 2000** -- PTTC-sponsored GIS Training workshop, Owensboro
- **Fall 2000** -- KSPG Fall Field Trip, proposed, Jackson Purchase area

Minutes of the KSPG Business Meeting, October 8, 1999, Kingsgate Conference Center, Univ. of Cincinnati

KSPG President John Popp called the business meeting to order immediately upon the conclusion of the annual banquet. The banquet was attended by approximately 60 people from SEPM and KSPG. The keynote speaker was Dr. Bouma whose slide show illustrated many examples of his classic sequences in the rock record.

1. President Popp noted that production costs for this year's field guidebook were higher than anticipated and that KSPG may have to contribute up to \$200 towards this deficit. It was not known how other aspects of the budget were faring, but the pre-registration of 75 people for the field trip was encouraging.
2. From a discussion of some KSPG activities for 1999:
 - a) Secretary/Treasurer Ken Kuehn reported that the current membership was approximately 260 and that as of September 25, the KSPG checking account balance was \$3,758.91. The desirable goal of networking with other geological societies within Kentucky was noted as was the need for expanding our membership.
 - b) President Popp mentioned that the Kentucky Section of the AIPG and the KSPG had collaborated by jointly drafting a letter to the Kentucky Board of Registration suggesting three nominees for the open position on that Board. It was not known when the final appointment would be made.
 - c) KSPG member Drew Andrews, Kentucky Geological Survey, is in process of preparing a review course for anyone needing to take the ASBOG standard test which is required as part of the registration process in Kentucky.
 - d) The new KSPG web site (www.kspg.org) was mentioned as a very positive step and that any member suggestions for its content should be forwarded to Don Chesnut

<chesnut@kgs.mm.uky.edu>, at the Kentucky Geological Survey, who is heading up the effort.

- e) The second printing of the 1998 field guidebook to Pound Gap was completed in August at a cost to the Society of \$793.94 for 50 copies. Thirty guides were purchased by the Kentucky Geological Survey for \$506.40 and are available for sale there. The remaining copies were mailed to persons who paid, but who did not receive their copy at the 1998 field conference.
3. President Popp inquired about possible candidates for the 2000 election needed in the positions of Councilor, President-elect, and Secretary/Treasurer. Volunteers were encouraged, as well as any and all ideas for that year's field conference. The meeting was adjourned at 11:20pm EDT.

Respectfully submitted,
Kenneth W. Kuehn, Secretary/Treasurer

Kentucky Society of Professional Geologists

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Address correction requested