



**WINTER 1999**  
**Volume 3, Number 1**

**Message from the President:**  
**John Popp**

It occurred to me several times this past year to get a jump on writing this "inaugural" message, thus avoiding brain drain as deadlines approach. It never happened so perhaps a little background would be a useful introduction. For those unfamiliar, I have worked nearly 10 years as a geologist for MAPCO Coal Inc. in its Lexington office. Prior experience includes working for other coal companies, consulting engineers, and Federal and State organizations. Feel free to contact me by voice at 606-224-7219, by FAX at 606-224-7211, or by email at johnp@mapcocoal.com.

The Executive Committee has a couple new faces following **Fall elections**. We welcome Paul Howell, Councilor, and Bart Davidson, President Elect. You may contact any of the Executive Committee at the addresses listed elsewhere in this newsletter. Our first meeting was held in January, and major activities were either discussed or planned for the year. While no specific goals were stated, the committee is planning the **Spring Symposium**, the **Fall Field Trip**, and will (co)sponsor some interesting speakers and training this year. Look elsewhere in the newsletter for reports and upcoming events.

1998 was a year of growth for KSPG, and I wish to thank Don Chesnut and his administration for a successful year. For me the highlight was not just the **Fall Field Trip to Pound Gap** but the establishment of the first **Distinguished Geologic**

**Site**, namely the Pound Gap Section. KSPG intends to continue to nominate other sites for this designation (see writeup by W. Andrews) and welcomes your suggestions.

Another positive aspect of the field trip was the involvement of students, educators, and lay people in the activities. It was fun rubbing elbows with students from Morehead State, from ECU, and from local high schools, to hear their views on the relevance of local geology. I hope we continue to make our activities appealing to geologists at all levels as well as to the public.

My personal goal in 1999 is to encourage interaction between the **Kentucky Section of the American Institute of Professional Geologists ("AIPG")** and **KSPG**. I have been asked by the KY Section of AIPG to serve as liaison with KSPG. While the two groups differ in purpose and membership requirements, both organizations offer opportunities for growth and education. It is in our best interest to seize these opportunities while respecting philosophical differences. I welcome your comments and hope to write more in the next newsletter.

John Popp

**Secretary/Treasurer's Report**  
**Kenneth W. Kuehn**

Greetings! I am pleased to report that our Society is on firm financial footing as we begin our third year of existence as the KSPG.

On January 25th, 1999, the checking account balance was \$6,182.51. Our two most recent activities, the **1998 Field Conference at Pound Gap** near Jenkins, KY (Sept. 25-26, 1998) and the Introduction to **ArcView GIS** short course (Nov. 17-18, 1998) incurred small financial losses, but were extremely successful in every other respect.

Presently, we have 251 members in the database which I've just updated for 1999. Unfortunately only about 150 of you were forthcoming with your 1998 dues and if you don't respond to this year's dues request, you will be removed from our active list. Very shortly you will receive your 1999 Dues Notice in a special mailing. Please review the personal information for accuracy and remit promptly. The deadline for my receipt of the 1999 dues is **April 1st**.

(cont. page2.)

## Secretary/Treasurer's Report (cont.)

Please contact me if you have any questions concerning your membership.

Kenneth W. Kuehn  
Geology-WKU  
#1 Big Red Way  
Bowling Green, KY 42101-3576  
(502) 745-3082  
kenneth.kuehn@wku.edu

## Distinguished Geologic Sites: Call for Nominations

Last September, the KSPG designated the new Pound Gap road-cut exposures as **Distinguished Geologic Site #1**, and celebrated the event with a large and well-received field trip. The Distinguished Geologic Sites award committee is now seeking nominations for sites deserving future recognition.

Sites meeting the following criteria will be given preference:

- (1) sites having broad appeal and/or major significance to the study and practice of geology in Kentucky,
- (2) sites not already recognized as significant by establishment of a public park (eg. Mammoth Cave, Natural Bridge), and
- (3) sites must be accessible to the public.

Anyone interested may submit a written proposal describing the location and geology of the proposed site, and emphasizing the site's value to Kentucky geologists, educators and students. Proposals will be reviewed by the KSPG executive committee, who will make the final selection of sites. The Executive Committee will decide upon the manner of recognition of chosen sites on a case-by-case basis. No more than one award, if any, will be presented in any given calendar year. Proposals for 1999 should be received no later than April 1.

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

**The Kentucky Paleontological Society  
Presents:**

## The Darwin Lecture 1999 The Evolution of the Horse

For several years in the 1980's the College of Arts and Sciences and many natural science departments on the University of Kentucky campus sponsored an annual "Darwin Lecture." This lecture was free and open to the public and the UK community. Eventually funding problems forced the cancellation of this wonderful lecture series that brought in some of the top names in evolutionary biology to speak on their research. The Kentucky Paleontological Society (KPS) has decided to take the initiative and reinstate the series beginning in 1999.

Dr. Bruce MacFadden from the Florida Museum of Natural History and University of Florida has been invited to lecture on his specialty—the evolution of the horse. Dr. MacFadden is author of the widely acclaimed

study of equine evolution entitled *Fossil Horses: Systematics, Paleobiology, and Evolution of the Family Equidae*, Cambridge University Press, 1992, and numerous technical papers on equine paleontology, including a widely reported on paper in the February 5, 1999 issue of the journal *Science*.

The KPS has reserved the 350+-seat auditorium at the **Singletary Center for the Arts** on the UK campus for 7:30 PM, **February 26, 1999**. The title of Dr. Macfadden's talk is "New Ideas About Fossil Horse Evolution."

Dr. MacFadden has also agreed to give an additional, more **technical lecture** to various campus departments prior to his main lecture. This lecture will be at 3:30 PM, **February 25, 1999** at the **Gluck Equine Center** on the University of Kentucky campus. This more technical talk is titled "Fossil Horses, Carbon Isotopes, and Global Change."

The following people, groups, and businesses have donated towards expenses:

- Mr. Walter Gross/Pepsi, \$500
- Kentucky Thoroughbred Association, \$250
- an anonymous donor, \$250
- an anonymous KPS donor, \$250
- Department of Biological Science (CEEB), \$250
- Department of Geological Sciences, \$150
- Kentucky Society of Professional Geologists, \$200
- an anonymous KPS donor, \$100

The following people, groups, and businesses have provided services:

- Bloodhorse Magazine- hotel expenses
- Ky. Geological Survey- misc. expenses
- Mr. Fred Bach, Video Hits - security
- Roy Crawford Engineering, Inc.

Many volunteer opportunities will arise for KPS members.

If you would like further information, please call Dan Phelps at (606) 277-3148.

Dan Phelps  
President, KPS  
<http://www.uky.edu/OtherOrgs/KPS/>

*Note: Above information was provided by Dan Phelps on recent posting on the "Geologists in Kentucky" list serve.*

## 1999 KSPG Officers

Past President	Don Chesnut *Kentucky Geological Survey chesnut@kgs.mm.uky.edu
President	John Popp MAPCO Coal Inc. 771 Corporate Dr., Ste. 1000 Lexington, KY 40503 (606) 224-7219 johnp@mapcocoal.com
President-Elect	Bart Davidson *Kentucky Geological Survey bdavidson@kgs.mm.uky.edu
Secretary/Treas. (1997-99)	Ken W. Kuehn Geology-WKU #1 Big Red Way Bowling Green, KY 42101-3576 (502) 745-3082 kenneth.kuehn@wku.edu
Editor (appointed)	Tom N. Sparks *Kentucky Geological Survey sparks@kgs.mm.uky.edu
Councilor (1998-99)	Faith Fiene KY Department of Military Affairs Division of Facilities Boone National Guard Center

Frankfort, KY 40601-6168  
(502) 564-2167  
fienefl@bngc.dma.state.ky.us

Councilor Paul Howell  
(1999-2000)

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\* Kentucky Geological Survey  
228 Mining and Mineral Resource Bldg.  
University of Kentucky  
Lexington, KY 40506-0107  
phone: (606) 257-5500

## ARTICLE FROM THE COMMUNICATIONS COORDINATOR

I would like to introduce the newly created position "Communications Coordinator for the Kentucky Board of Registration for Professional Geologists" and outline the objectives and activities of this position and your role in its success.

The purpose of this position is to further the protection of the public by enhancing professionalism among geologists practicing in the State. I will communicate information between the Board of Registration for Professional Geologists and geologists. Communication between the Board and professional geologists will be a two-way street. I will convey concerns that you have regarding your registration, and you can make me aware of any issue that you believe is relevant to your professional status.

There will be three channels of communication. **First**, there will be verbal contact. I will be attending as many meetings as possible and seeking input about the professional practice of geology. I can be reached by phone at the Kentucky Geological Survey, (606) 257-5500, or by e-mail at dreynolds@kgs.mm.uky.edu. **Second**, there will be periodic updates that will be mailed to every registered professional geologist certified by the Board. The updates will have information about the activities of the Board, examination dates, and news that is relevant to

professional activities. **Third**, the Board's Web site, <http://www.state.ky.us/agencies/finance/boards/geology/welcome.htm>, will be updated and expanded. Bookmark the site and check it regularly. I do not yet have the authorization to maintain the site and some information there is out of date. I should have this remedied in the next couple of weeks. If you need information from the Web site that may be time sensitive, call the Board at (502) 564-3296, ext. 227, or inquire by e-mail to Diana Mangeot at [dmangeot@mail.state.ky.us](mailto:dmangeot@mail.state.ky.us).

The professional geologist practicing in the State is the key to the effectiveness of this position. The Board exists to protect the public and enhance the professionalism of practicing geologists. Please feel free to contact me about any issues that you think the Board should be aware of. Relevant issues include the administrative functions of the Board, legislative or regulatory activities that encompass the activities of professional geologists, upcoming meetings in which the affairs of professional geologists will figure prominently, or ideas about the role of the professional geologist in various pursuits across the State. Please let me know your concerns.

Douglas W. Reynolds, Jr.

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| Jan. '99     | Election of Officers  |
| Feb. 18, '99 | Dr. Gerald Freidman <i>KGS Distinguished Lecture</i>  |
| Feb. 26, '99 | <i>Darwin Lecture</i> on the Evolution of the Horse by Dr. Bruce MacFadden                  |
| May 14, '99  | KGS Annual Meeting  |
| Spring '99   | KSPG Kentucky Geoscience Symposium ( <i>date TBA by special mailing / Call for Papers</i> ) |
| Fall '99     | KSPG Annual Banquet and Field Trip ( <i>planning in progress</i> )                          |

## ***1999 List of Activities***

### **Kentucky Society of Professional Geologists**

228 Mining and Mineral Resources Building  
University of Kentucky  
Lexington, KY 40506-0107

*Address correction requested*