

The Paleo Times

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The Official Publication of the Eastern Missouri Society For Paleontology

EMSP SOAPBOX

By David Lukens & Don Howell

If you have any articles, comments, or need to communicate with me I can be reached through the following: dmslukens@yahoo.com (personal) or contact me at number listed on membership list.

NOTE TO ALL MEMBERS:

The membership list has been updated, and will be distributed again, probably in December.

Next meeting

Next regular meeting is **Friday, January 14th** at 7:30 pm in the New Earth and Planetary Sciences building at Washington University (see more details below). **BUT – The Christmas party will be on December 11th**, see details below.

PRESIDENT'S CORNER

Thanks to everyone who came to the November meeting and participated in the voting. We had a great meeting. Also, thank you to all the new volunteers on the committees and the board. I appreciate everyone's hard work at the Viking show. Hope to see all of you at the Christmas party. Merry Christmas and a Happy New Year to everyone.
Your Prez,
Don Howell III

Thanks / Congratulations

Thanks to everyone that helped out at the Viking show. Also thanks to Tom & Keri for their slide show. Also to all who brought refreshments.

NEXT MEETING (JANUARY)

Other items to be discussed during the Sept meeting

- Results from the raffle of the composite Meg tooth raffled at the Christmas party.
- Plans for the Tucson Show, what do we need to buy for next year.
- Plans for Springfield trips
- What fossils did Santa bring you?

Upcoming Events/ Field Trips

Remember that annual dues are due starting in January. If you have not paid, please get your money in. If it is not paid by March 1, 2011 your newsletters will stop.

Fossil collecting at Lee Creek Mine, Aurora, NC has been suspended until Spring. PCS Phosphate are working in the collecting trip staging. All volunteer hours for 2010 will be counted for the 2011 season

December field trip will be to Bruce's site in southern Missouri. This site has turned out some really great fossils so far. Trip will be on Saturday, December 4, 2010. leaving at 8:30 am. Departure site will be the commuter parking lot located at the south-west corner of I-55 and Richardson Road. From there we will carpool down to Bruce's site. It is about a 2 ½ hour drive. You will need to bring your tools, water, and lunch. This is out in the country so there are no bathrooms. Also, there is lots of poison ivy so long sleeve pants and shirts are recommended. Also bring shovels and pickaxes if you have them and paper to wrap your finds in as they are fragile. Buckets are also recommended.

CHRISTMAS PARTY

Party will be at Carl & Jean's house on December 11, 2010 with dinner starting 5:00PM. People can start arriving at 4 PM. So show up a little early to see Carl's fossils. Club will furnish the meat platter, bread, and drinks and we ask members to bring a dish to share. If you have some fossils to give away in our grab bag, please bring them.

Notes from the Meeting

Collections are still ongoing for the Joe Bolser Scholarship Fund and Karoline Stinchcomb funds.

Current membership stands at approximately 79 email newsletters + 17 snailmail letters. I plan to review the list after dues are paid in January.

The club delighted to have special Guests: Dr. and Mrs. Steve Noel; Mrs. Noel (Marge) is with the Natural History Museum of the Smithsonian, was in St. Louis, and thought she and her husband would attend the meeting. Guest, and new member: Penney; Bruce S. gave a brief statement about the Danville Quarry trip: a beautiful day, LOTS of rock; not that many fossils. The field trip on the spot of Highway 21 netted trilobites and cephalopods. NEW BUSINESS: Christmas Party: It will be hosted by Carl & Jean. A book auction was held; Mike donated a fifth edition of a physical geology text titled *Understanding Earth*. It netted \$20.00 for the club. Bruce also graciously donated two of his publications, *Cenozoic Fossils II* and *Mesozoic Fossils II*.

New officers: Pres.: Don Howell; Vice-Pres.: Bruce Stinchcomb; Secretary: Dave Lukens; Secretary Ass't.: Peg Cole; Treas.: Pete Smith; Committees: 1) Field Trip--Carl Campbell, Bruce Stinchcomb and Ruth Laverty; 2) Shows: Rick Poropat; 3) Board Members: Chris Braught, Faye Whobrey and Mark Fedde; 4) Science Fair: Abby Lee, with assistance from Don Howell. A presentation was given by Tom and Keri entitled "Summer Vacation 2010--Things We Saw and Did." Great photos and information about Wyoming and Montana. Bruce S. also had some collections to view, as did many other members.

Paleo-shorts

-Original and summary articles provided by members of EMSP. Where possible, I have tried to add in website where you can read more.

<http://www.bbc.co.uk/news/science-environment-11820961>

New research shows that mammals exploded in size very quickly after the dinosaurs disappeared. Within 25 million years they went from small animals no more than 30 pounds up to monsters weighing over 15 tons. Even though mammals evolved 210 million years ago, at the same time as the dinosaurs, for 140 million years they stayed small. Most of them likely living underground which allowed them to survive the destruction of the dinosaurs. Some of the biggest mammals to evolve were the *Indricotherium* which reached 15-17 tons. But eventually the size topped out due to available land and food but also because they were warm blooded. As an animal gets bigger, the surface to volume ratio goes down and it becomes impossible to control its body temperature.

http://news.bbc.co.uk/local/dorset/hi/people_and_places/nature/newsid_9225000/9225848.stm

News studies of ammonites in England indicate that something was snacking on them. Many show similar bite marks and it is believed that another cephalopod may have been attacking them. The squid like creatures had a beak that would have allowed them to make the bite.

[http://www.paleontologynews.com/story.asp?ID=689591&Title=T-Rex%20center%20of%20\\$8.2M%20area%20copyright%20lawsuit](http://www.paleontologynews.com/story.asp?ID=689591&Title=T-Rex%20center%20of%20$8.2M%20area%20copyright%20lawsuit)

Paleontologists at the Black Hills Institute have filed a lawsuit against Fort Peck Paleontology for 8.2 million dollars. The BHI loaned a number of bones from various T-rexs in their collection to the Montana based organization. The lawsuit claims that against Fort Peck Paleontology has been making unauthorized copies and sells them to museums.

Upcoming Gem & Fossil shows-

57th Annual Tucson Gem and Mineral Show™ will be held on January 29, 2011 through February 13, 2011.

April 1 - 3, 2011 MAPS Expo Fossil World's
Largest Fossil-only Show, Macomb, IL.
Western Hall - Western Illinois University campus
Friday and Saturday 8-5 (Sunday 8-12). Free
Admission and Parking

If you have suggestions for field trip locations,
please e-mail them to me and I will begin putting
together a list.

NEEDED

We are always looking for more donations of small
fossils (quarter size or smaller) for the fossil boards.
We are especially in need of small trilobites (the
Utah ones are best) were also looking for horn
corals, other corals, gastropods, bryozoans, and other
donations. Please bring to the next meeting so we
can meet later and work on putting more fossil
boards together for the upcoming show.

CONTACTS

Do you need to find out something about the next
meeting or have questions on the next field trip? If
so, please talk to or contact one of the EMSP
officers.

President – Don Howell

Vice-President: Bruce Stinchcomb

Treasurer: Pete Smith

Secretaries: David Lukens and Peggy Cole

DUES ARE DUE

Our treasurer, Pete Smith will accept dues payment for a
full year. **Dues are \$20.00 per household per year-
payable in January if receiving the newsletter by
email. The dues are \$25 for those receiving the
newsletter by regular mail.** See Pete at the next meeting
or mail a check (payable to Eastern Missouri Society for
Paleontology) to:

EMSP

P.O. Box 220273

St. Louis, MO. 63122

Distribution of the Newsletter by email

Can't find your newsletter, just when you need it for
a trip? Then sign up for the e-mail version. This
also saves the club money so we can bring in
speakers (once we pick some...) E-mail requests to
dmslukens@yahoo.com



Meetings are held the 2nd Friday of every month
(except July, August, and December) in room 203
of the new Earth & Planetary Sciences Building on
the campus of Washington University. The Earth &
Planetary Sciences building is on the southwest
corner of Hoyt Drive and Forest Park Pkwy. There
is a large parking lot just across the street.

What is EMSP?

The Eastern Missouri Society for Paleontology (EMSP) is a not-for-profit organization Dedicated to promoting the enjoyment of fossil collecting. It is open to all individuals interested in learning about the history of life on earth. The club membership includes professional paleontologists as well as amateur hobbyists. The EMSP provides an open forum for the exchange of information and access to expertise on collecting, identifying, preparing and displaying fossils.

EMSP meetings are held on the second Friday of every month (except July, August and December) at 7:30pm in the Earth and Planetary Sciences Building on the campus of Washington University. Each meeting includes an informal exchange of information and speakers on a variety of fossil-related topics.

Weather permitting, field trips to fossil collection localities around the St. Louis area are held each month. Led by experienced collectors, these trips are a fun way to augment discussions at the monthly meetings. The club participates in joint field trips with other paleo clubs, visiting fossil sites throughout the United States. EMSP is also a proud to be involved in partnerships with the St. Louis Science Center and the Greater St. Louis Association of Earth Science Clubs, Inc.

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FIRST CLASS MAIL

