

# The Paleo Times

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The Official Publication of the Eastern Missouri Society For Paleontology

## EMSP SOAPBOX

By Ryan Fairbanks & Faye Whobrey

If you have any articles, comments, or need to communicate with me I can be reached through the following: [emsp.sec@mofossils.com](mailto:emsp.sec@mofossils.com).

### Next meeting

Next meeting is **Friday, February 14, 2014** at 7:30 pm in the New Earth and Planetary Sciences building at Washington University (see more details below).

## PRESIDENT'S BOX

What do you want from your club this year?

### Field Trips:

A. Is there somewhere you want to go that might be easier to get access to as a club?

B. Do you know of a great site that may be an overnight or weekend trip?

C. We will have our regular trips to some quarries, road cuts, Mark Twain Lake, and Dr. Stinchcomb's "barite" pit.

D. Any new ideas would be greatly appreciated.

### Educational/How To For Club Members:

A. What fossils do you want to learn more about?

B. What activities related to fossil hunting, preparation, or supplies do you want more information about?

### Picnic Fossil Auction:

A. Who has excess fossils that you would be interested in auctioning off?

B. Need 2 or 3 volunteers to coordinate activity.

C. Great way to share "treasures" and for club to earn a percent to help fund our programs.

### Speaker Program:

A. Do you have a particular topic you would like to learn more about.

B. Have you heard or been introduced to an interesting speaker on a particular fossil subject?

Are you planning on going to MAPS this year? MAPS (Middle America Paleontology Society) is the first weekend in April, Iowa City, IA. It is the largest "fossil only" show in the U.S. You can expect to experience great vendors, awesome deals, and terrific opportunities to talk to some very knowledgeable collectors/vendors.

Begin now to start your summer collecting plans. Be sure to contact Carl Campbell if you are interested in joining the group in Jordan, WY, in July.

## Thank You

Thanks to Bruce Stinchcomb for giving the presentation "Fossil Resins with Inclusions". A very informative talk with lots of nice pictures of insects in copal.

## Welcome

The club members are on our website so if you want to check out some dubious characters, check out the website at <http://mofossils.com/EMSP%20Web%20Members/index.htm>

## Treasurer's Report for January 2014

\$ 3,949.25 Beginning Balance

- 50.00 Reimbursement for California Quarry gift card.

- 247.49 Reimbursement for holiday party food, decorations & gift bags.

+ 475.00 Deposit 2014 dues payments.

\$4,126.76 End of month balance for January 2014. (including Joe Bolser Fund)

This report was submitted on January 26, 2014 by Rick Poropat, Treasurer.

## Next Meeting (Feb)

The February program will be from John Mcleod giving the talk "Lake Bridgeport Revisited: New Finds from the Pennsylvanian of North Texas".

Carl Campbell will be giving his talk for the March meeting.

## **OTHER ITEMS**

As most of you know, Steve Bynum runs the Outreach Program for the club and does an excellent job of it. But he cannot do it on his own. We need volunteers to sign up and let Steve know that you

can help. This is a great opportunity to spread the news about the club and about fossils to people.

Please pick a day and time and let me know so I can coordinate with the Rockwood school system for confirmation.

Thank you,

Steve Bynum  
[emsp.outreach@mofossils.com](mailto:emsp.outreach@mofossils.com)

## **Paleo-shorts**

-Original and summary articles provided by members of EMSP.

## **50 Year Mystery Dinosaur Nearly Complete**

For nearly fifty years *Deinocheirus mirificus* has only been described from two eight foot peculiar arms found in 1965 in southern Mongolia. But recently at the Society of Vertebrate Paleontology conference held in Los Angeles, paleontologist Yuong-Nam Lee brought some new fossil material to light. In 2006 and 2009 two nearly complete specimens were found in different quarries in the region. The new bones confirmed the long held suspicion that it was an *ornithomimosaur*, or "ostrich mimic".

Standing at 16 feet and 36 feet long, this dinosaur is one of the larger theropods discovered. The discovery of over a thousand small gastroliths near the belly of one specimen suggests it dined on plants. One surprising new feature was the long flat neural spines coming off of the middle of the back vertebrae. These are thought to be either a fleshy sail or more of a thick hump like structure. Unfortunately the feet and skull were poached from the dig site and potentially sold on the black market. So there is still some more mystery to be solved.

<http://news.nationalgeographic.com/news/2013/11/131104-dinosaur-hands-arms-body-mongolia/>

## **New Titanosauria Found in Northwestern China**

In 2008 researchers found several pieces of a new sauropod they have now named *Yongjinglong datangi*. Some of the bones found were three teeth, a shoulder blade, radius, ulna and eight vertebrae.

They estimate this large creature was about 50-60 feet long and may have still been a juvenile at that.

University of Pennsylvania. "Dinosaur fossils from China help researchers describe new 'Titan'." ScienceDaily. ScienceDaily, 29 January 2014. <[www.sciencedaily.com/releases/2014/01/140129184853.htm](http://www.sciencedaily.com/releases/2014/01/140129184853.htm)>

### First Dino Bones Unearthed in Saudi Arabia

Scientists are very excited at finding a few small Arabian dinosaur bones. Bones have been found there in the past, but were too fragmented to be positively identified. Plus, there seems to be more interest in digging for oil than ancient bones. Now they have uncovered a tail vertebrae from a large sauropod and a few teeth from a theropod. Scientists hope that these small discoveries will help people see more of the wealth beneath their feet.

<http://www.cnn.com/2014/01/26/world/meast/when-dinosaurs-roamed-saudi-arabia/index.html?iref=allsearch>

### UPCOMING ROCK, GEM OR FOSSIL SHOWS

Tucson Show January 30 - February 16. Tucson, AZ

Cabin Fever Show Feb 14-16. Kirkwood Community Center

Machinist Hall - Gem, Mineral, Fossil and Jewelry Show. March 21-23

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 building is on the southwest corner of Hoyt Dr. and Forest Park Pkwy. There is a large parking lot just across the street.

### 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. Please note that the e-mail contacts have changed

President: Fay Whobrey  
([emsp.pres@mofossils.com](mailto:emsp.pres@mofossils.com))  
Vice Pres: Abigail Fairbanks  
([emsp.vp@mofossils.com](mailto:emsp.vp@mofossils.com))  
Treasurer: Rick Poropat ([emsp.tr@mofossils.com](mailto:emsp.tr@mofossils.com))  
Secretary: Ryan Fairbanks  
([emsp.sec@mofossils.com](mailto:emsp.sec@mofossils.com))

### DUES ARE DUE

Our treasurer, Rick Poropat will accept dues payment for a full year. **Dues are \$20.00 per household per year-payable in January if receiving the newsletter by e-mail. The dues are \$25 for those receiving the newsletter by regular mail.** See Rick 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 [emsp.sec@mofossils.com](mailto:emsp.sec@mofossils.com)



# 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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(EMSP)  
P.O. Box 220273  
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FIRST CLASS MAIL

