



EARTHQUAKE

e-Newsletter about what's movin' and shakin' at the Earth Science Museum

Earth Science Museum, 3215 W. Bethany Home Rd., Phoenix, AZ 85017
www.earthsciencemuseum.org, scote@earthsciencemuseum.org, 602-973-4291

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ESM to participate at Gem & Mineral Show in February

By Shirley Cote, Ray Grant and Harvey Jong

FUN FAMILY EVENT!

The Tucson Gem and Mineral Show™

Please visit the Earth Science Museum's exhibit booth at the Tucson Gem and Mineral Show™, February 14 - 17, 2013, at the Tucson Convention Center, 260 South Church Ave., from 10 a.m. to 6 p.m. Thursday - Saturday, and 10 a.m. to 5 p.m. on Sunday.

This year's show theme:

"Fluorite, Colors of the Rainbow"

For more information, please go to
www.tgms.org/2013showinfo.htm

Check out the new issue of *Rock & Gem Magazine* for a feature on the Earth Science Museum's Outreach Program!

◇ THANK YOU ◇

Many thanks to Harvey, Mardy, Shirley, Doug, Dave, Cynthia, Loretta, Jayne, Tom and all who helped make our participation in the 41st Annual Flagg Gem & Mineral Show a success.

◇ **SPECIAL THANKS** to the Flagg Mineral Foundation for their support of the ESM again this year with a donation of \$1500.

ESM to participate in the first Arizona Gives Day - March 20, 2013.

The Alliance of Arizona Nonprofits in partnership with the Arizona Grantmakers Forum, is sponsoring AZ Gives Day. This is a one day, statewide, online movement to raise as much money as possible for the state's nonprofits. Donations will be accepted through Razoo.com. More information to come as the date draws near.

Minerals of Arizona Symposium Friday - Sunday, April 5-7, 2013

Join the ESM at the Twenty-first Annual Symposium sponsored by the Flagg Mineral Foundation at the Clarion Hotel, 5121 E. La Puente Ave. (NW corner of Elliot Rd. and I-10).

Friday:

Micromount session 2 p.m. to 5 p.m. with a talk at 4 p.m. by Joe Marty

Dealer mineral sales:

Friday 5 to 10 p.m., Saturday 4 to 6 p.m.

Saturday Program:

Mineral talks 9 a.m. to 4 p.m. followed by a buffet and auction at 6 p.m.

Sunday Activity:

Field trip or other activity - TBA

For more information and to register, please go to www.flaggmineralfoundation.org and click on the Minerals of AZ Symposium tab.

The next ESM board meeting is Wednesday, February 6, 2013, at the Burton Barr Library in Phoenix at 6:30 p.m. Rm. B.

The ESM also gives SPECIAL THANKS to the Leaverite Rock & Gem Society for support through their very popular Egg Carton Program. This year, 1048 children and adults (a record) made their own collection of 12 different rocks, minerals and/or fossils choosing from hundreds of labeled samples.

The Egg Carton Program was the brainchild of retired teacher Mardy Zimmermann dating back over eighteen years. Over this time, thousands of AZ children have benefited from this program.

Mardy also takes the program directly to classrooms, school science fairs and to scout functions by appointment through the ESM Outreach.

mardy.zimmermann@earthsciencemuseum.org



Mardy helping participants get started.



Participants choosing their samples.



Mardy Zimmermann with Lynne Wheeler

ESM Fact - the ESM founding board members are all members of the Leaverite Rock & Gem Society with most being members of at least one other local earth science organization.

Executive Board

President - Harvey Jong
 VP Operations - Dave Fanger
 VP Communication - Tom Parks
 VP Education - Mardy Zimmermann
 Treasurer - Robin Evans
 Secretary - Shirley Coté

Other Board members include Doug Duffy, Ray & Cynthia Grant, Debbie, Michalowski, Janice Snell, Chris Whitney-Smith and Jayne Wright.

These and other volunteers have worked diligently for almost two years laying the groundwork to establish an innovative, world-class destination museum in the Phoenix area dedicated to inspiring all generations about earth sciences.

More pictures on page 3.

Pictures courtesy of S. Cote & Deanna Smith

Flagg Mineral Show January 2013
Mesa Community College



The Earth Science Museum booth



Fun at the Flagg Mineral Foundation Fossil Dig. Many thanks to the MCC Geology Club members for helping with this free children's activity.



Inside the ESM tent



MLS Spinning Wheel waiting line



Maricopa Lapidary Society (MLS) & the Cave Creek Museum booths



Flagg Mineral Foundation booth

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Phone:
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Editor E-Mail:
scote@earthsciencemuseum.org

Mission

Establish an innovative, world-class destination museum in the Phoenix area dedicated to inspiring all generations about earth sciences.

Vision

We envision a community where students and the general public have curiosity about, passion for, and understanding of the underlying principles of earth sciences.

For more information about the ESM, how to become a member or how to arrange for a school visit go to:
www.earthsciencemuseum.org.

We're on the Web!

Visit us on  and at:
www.earthsciencemuseum.org

Are you a retired teacher? Our Outreach Program wants you!
Do you have experience creating web pages?
We welcome your expertise.

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