

## Membership Form

Yes I would like to become a member of the Geology Section of the Peoria Academy of Science.

Enclosed are my dues for:

\_\_\_ Family \$20      \_\_\_ Individual \$12

Names:

Last Name, First Name      DOB

\_\_\_\_\_ / \_\_\_\_ / \_\_\_\_

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Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

### Areas of Interest (check all that apply)

\_\_\_ Field Trips

\_\_\_ Help with Gem Show

\_\_\_ Lapidary Workshop

\_\_\_ Articles for Newsletter

\_\_\_ Mineral Meetings

\_\_\_ Yes, I'd be happy to present a program at the meeting

    Topic: \_\_\_\_\_

\_\_\_ Other (please describe): \_\_\_\_\_

Mail this completed form with your check payable to:

Peoria Academy of Science Geology Section

PO Box 10294

Peoria, IL 61612-0294

## Who We Are

The Geology Section of the Peoria Academy of Science is dedicated to the study of all fields of the Earth Sciences, including Geology, Mineralogy, Paleontology, Conchology, and the Lapidary Arts. Educational programs relating to some aspect of the earth sciences are presented at the monthly meetings. Members participate in field trips to collect minerals and fossils and hold workshops to do in-depth study of specific topics.

Crystal Lines, the official publication of the Geology Section, contains interesting and informative articles on a variety of earth science topics as well as news of club events. It is printed every other month (six times per year) and is sent to all paid-up members.

Each year the Geology Section holds its Gem, Mineral, and Fossil Show. It is an opportunity to share our interest in the earth sciences with the general public through displays, games, and conversations. A variety of items relating to the earth sciences are sold at the show with proceeds going to support club activities.

We welcome new members and encourage anyone who has an interest in the earth sciences to come to our meetings.

## Meetings

4<sup>th</sup> Tuesday of each month  
(except September and December)  
7:00 P.M.

Forest Park Nature Center  
5809 Forest Park Drive  
Peoria Heights, IL 61614

## 2015 Club Officers

President.....Paul Dennis  
Vice President.....Daryl Stivers  
Secretary.....Linda Kahila  
Treasurer.....Pam Cramer

## Annual Rock, Gem, & Mineral Show

4<sup>th</sup> Saturday and Sunday of August

Show Times:

9am – 5pm Saturday

10am – 5pm Sunday

## Useful Tools



Goggles, Drinking water, Gloves, Sturdy shoes

Pick hammer

3# Hammer

Assorted cold Chisels

Newspapers for wrapping specimens

5 gal bucket for carrying specimens

Small Containers for specimens

Pointed Shovel

Pry bar

Field book for Identifying minerals

\* For those hopelessly affected: a crane and a dump truck\*

## Mohs Scale of Hardness

Mohs Index	Mineral	Scratched by
1 (softest)	Talc	
2	Gypsum	Fingernail
3	Calcite	Copper coin
4	Fluorite	
5	Apatite	Pocket knife
6	Orthoclase	Steel file
7	Quartz	
8	Topaz	
9	Corundum	
10 (hardest)	Diamond	