

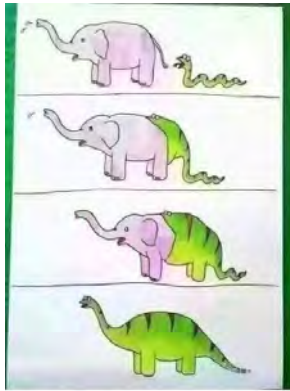
The Sierra Pelonaogram



January 2020

... Member of the California Federation of Mineralogical Society Inc. ...

The Sierra Pelona Rock Club is a non-profit organization founded in 1959 with the objective to sponsor activities and promote interest and education in: mineralogy, lapidary, geology, paleontology and related subjects.



**How dinosaurs
were made**

Sierra Pelona Rock Club

Board Meeting
Greenbriar Estates Clubhouse
January 7, 2020

The meeting was called to order at 7:05pm. In attendance were Shana Brunes-Ruiz, Ron Lawrence, Ron Rackliffe, Bill and Heidi Webber. A quorum was met.

The treasury report was presented by Shana.

The December Board and General Meeting minutes was approved as written. Bill/Shana/passed.

Quartzite is January 15-19 and the club field trip will be the 18-19 for those who wish to camp. Julie will send an email with more detail.

February 1 from 10-3 will be the first workshop of 2020 at Bill and Heidi's. Heidi will prepare lunch as usual for \$5 each.

Heidi and Julie will work on the calendar for 2020 this month and present it at the February Board Meeting for fine tuning and then disburse it to membership.

Heidi will send another email regarding membership dues. Response has been weak so far.

Linda Jenkins is the new Claims Administrator. Mike Serino will show her the process. Thank you, Linda, and many thanks to Mike for all the years he did this extremely important job for the club.

Dianne Erskine-Hellrigel was voted in to re-join the club after a few years' absence. Welcome back Dianne.

A motion to adjourn was made by Shana at 8pm. Heidi seconded, passed.

The next Board Meeting will be February 4. All those interested are welcome to join us.

Respectfully Submitted
Heidi S Webber, Secretary, SPRC

Birthdays

January

David Burkhead
Larry Holt
Larry Patrich
Martin Schreiner
Robin Shane
Bruce Velie
Austin Williams

February

Carlos Carrillo
Adam Hamilton
Brigitte Mazourek
Monroe Quarles
John Wheeler
Tina White



Officers:

President – Bill Webber
Vice-President – Julie Tinoco
Secretary: Heidi Webber
Treasurer –Shana Brunes-Ruiz
Federation Director (CFMS/AFMS) --Evelyn Velie

Chairpersons:

Claim--Linda Jenkins
Donation Rock Table--Akiko Strathmann
Equipment--Bill Webber
Field Trips – Julie Tinoco
Historian -Open
Hospitality – Evelyn Velie
Membership – Heidi Webber
Website-- Larry Holt
Pelonagram Publisher, Editor – Heidi Webber
Programs –Tina White
Publicity –Bruce Velie
Sunshine--Brigitte Mazourek

The Sierra Pelona Rock Club, is a member of the California and American Federation of Mineralogical Societies, Inc. (CFMS/AFMS). The general club meetings (Open to the public) are at 7:30 PM, on the 3rd Tuesday of each month at:

**The Clubhouse of the Greenbrier
Mobile Estates EAST
21301 Soledad Canyon Rd
Canyon Country, CA 91351**

Contact the Club or the Sierra Pelonagram Editor at:

**Sierra Pelona Rock Club
P.O. Box 221256
Newhall, Ca. 91322**

Or e-mail: hwebber@pacbell.net

Visit the SPRC website www.sierrapelona.com

President's Message



Unbelievable how quickly 2019 passed by, and here we are in 2020; looking forward to another busy and exciting year with our SPRC friends. At the December Holiday party the current board was re-elected for this upcoming year. Evelyn Velie said she would stay as CFMS representative for this upcoming year only. That means we will need someone who may be interested to come forward to take this board position over.

Julie and Heidi are working on the calendar for the year which will be emailed to everyone early in February once the board approves it. One thing already set is the next workshop at my and Heidi's home will be February 1. I hope a lot of you can come and cut and polish some of your new finds, or maybe something intriguing you found at Quartzite.

Dues are now due and I hope you will get them paid to Shana as soon as possible if you haven't already done so. They are \$25 for the year, \$5 for pebble pups under 18 and a \$2 penalty if not paid by the Board Meeting on February 4th. Heidi will be contacting you if time is getting short. The thing is, the dues not only help the club, but we need to send the club dues to our parent organization based on membership. These dues pay for insurance among other things. So please don't drag your heels, mail your check to Shana Bruner-Ruiz at 4212 E Los Angeles Ave #3023, Simi Valley, CA 93063 as soon as possible, or pay her at this month's meeting on January 18.

Mike Serino has let us know he would like to step away from being the claim administrator, and Linda Jenkins has graciously said she would like to take over that job. Thanks so much for all your years of doing this Mike. And many thanks to Linda for stepping forward

to do this very important job.

I think I have pretty much covered everything for now, so I hope to see all of you at the meeting on January 18.

Bill Webber, President
SPRC

Sierra Pelona Rock Club General Meeting Greenbriar Estates Clubhouse Holiday Dinner and Elections December 14, 2019

The SPRC Holiday Dinner began with a delicious variety of potluck dishes made to compliment the club contribution of turkey and ham, baked by Heidi Webber. Thanks to all who participated, it was all delicious!

The actual meeting was called to order at 1:15. First on the agenda was elections. The current board was re-elected by a unanimous vote by show of hands. The committee members present also agreed to stay on for the next year, and those not present will be contacted to see if they wish to stay in their current capacity. The board as it stands is: Bill Webber--President, Julie Tinoco--Vice-president, Shana Bruner-Ruiz—Treasurer, Heidi Webber--Secretary and Evelyn Velie—CFMS Representative.

We would like to thank Dianne Wohlleben for her very generous donation of beautiful glass roses for every attendant.

We would also like to thank Ron and Karen Rackliffe for their donation of gorgeous hand-made birch and Tree of Life wire-wrapped centerpieces. That was a lot of work. Thanks again!

Ron Lawrence announced that Dan and Vivian Watts of the Antelope Valley Rock Club are moving to Oregon and they are selling their huge collection of collected rocks. They live in California City and most are selling for \$1 per pound, some for \$2 per pound. This is effective until December 23. Contact Ron if you are interested.

Ron also reminded us that the Quartzite rock show is the entire month of January with the PowWow from January 15-19.

The meeting was adjourned at 1:45 for the auction of lapidary and rock-related items and the silent auction.

Respectfully Submitted
Heidi S Webber, SPRC secretary

Ten Interesting Facts About Geodes

1. Geodes are geological secondary structures which occur in certain sedimentary and volcanic rocks. They are themselves of sedimentary origin formed by chemical precipitation.

2. Geodes differ from vugs in that the former were formed as early, rounded, structures within the surrounding rock and are often removed intact, whereas vugs are irregularly shaped pockets, voids or cavities within a formation, often along a vein or in breccia. Geodes also differ from "nodules" in that a nodule is a mass of mineral matter that has accreted around the nodule nucleus.

3. Geodes can form in any cavity, but the term is usually reserved for more or less rounded formations in igneous and sedimentary rocks. They can form in gas bubbles in igneous rocks, such as vesicles in basaltic lavas; or, as in the American Midwest, in rounded cavities in sedimentary formations. After rock around the cavity hardens, dissolved silicates and/or carbonates are deposited on the inside surface. Over time, this slow feed of mineral constituents from groundwater or hydrothermal solutions allows crystals to form inside the hollow chamber.



Inside and outside views of the geode



4. Geode banding and coloration is the result of variable impurities. Iron oxides will impart rust hues to siliceous solutions. Most geodes contain clear quartz crystals, while others have purple amethyst crystals. Still others can have agate, chalcedony, or jasper banding or crystals such as calcite, dolomite, celestite, etc.

5. Geodes and geode slices are sometimes dyed with artificial colors. Samples of geodes with unusual colors or highly unlikely formations have usually been synthetically altered.

6. Geodes commonly have a chalcedony (cryptocrystalline quartz) shell lined internally by various minerals, often as crystals, particularly calcite, pyrite, kaolinite, sphalerite, milarite, barite, celestite, dolomite, limonite, smithsonite, opal, chalcedony and macrocrystalline quartz, which is by far the most common and abundant mineral found in geodes.

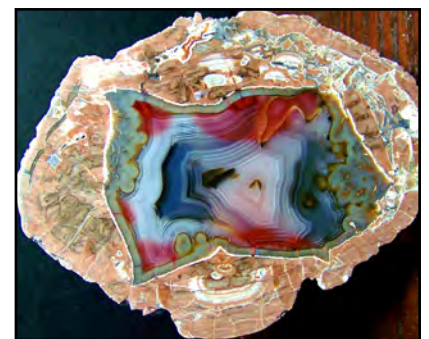
7. Geodes are common in some formations in the United States (mainly in Indiana, Iowa, Missouri, western Illinois, Kentucky, and Utah). They also are common in Brazil, Uruguay, Namibia, and Mexico. Geodes are found mostly in basaltic lavas and limestones.



8. The world's largest known crystal cave or vug is Crystal Cave, a celestine geode 35 feet (10.7 m) in diameter at its widest point, located near the village of Put-in-Bay, Ohio, on South Bass Island in Lake Erie.

9. The largest amethyst geode in the world is The 'Empress of Uruguay' Over three meters tall (that's eleven feet) and weighing two and a half tons. It is located here in Atherton, North Queensland, Australia.

10. Thunder egg is a nodule-like rock, similar to a filled geode, that is formed within volcanic ash layers.
Reference: Geologyin.com



Thunder egg agate geode. from New Mexico. Photo by Bill The Eggman