



the  
**ROLLIN'  
ROCK**

ROSEVILLE ROCK ROLLERS, INC.



MEMBER, CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES  
MEMBER, AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES  
VOL 46 NO. 1  
JANUARY 2005

EDUCATIONAL MEETING  
EXECUTIVE BOARD MEETING

2<sup>ND</sup> TUESDAY OF EACH MONTH, 7:00 PM  
4<sup>TH</sup> TUESDAY OF EACH MONTH, 7:00 PM

EDUCATIONAL MEETING LOCATION: MAIDU COMMUNITY CENTER,  
1550 MAIDU DRIVE, ROSEVILLE, CA

BOARD MEETING LOCATION: GRANITE BAY LIBRARY,  
6475 DOUGLAS BLVD, GRANITE BAY, CA

*Changes and exceptions will be published in the bulletin.*

**GUESTS AND VISITORS ALWAYS WELCOME**

ROSEVILLE ROCK ROLLERS GEM & MINERAL SOCIETY  
BULLETIN EDITOR  
P.O. BOX 212  
ROSEVILLE  
CALIFORNIA 95678

Send exchange bulletins to  
above address



January 2005





### ***From the President's Pen:***

It's 2005, we don't have a shop, our numbers are a little lean, we pretty much broke even last year due to a great show, and we have a monster show coming up! There is a lot to do in 2005, and a lot of opportunities to make great change. We really need to look at what rockhounding means to folks who haven't joined us and build a program that attracts them and holds their interest.

The survey done by Karla last year supports the desire of the membership to have a shop. I believe that a shop would be the focal point and the single greatest attraction for new members and sustaining membership. We've got some irons in the fire and if they don't pan out, we'll push for some other options to make a shop happen this year. See you at the next meeting, and please be prepared to jump on board the 2005 show boat!!!!

*Jim Hutchings*

### ***Vice President's Viewpoint:***

Happy 2005 to all of you! Our December Holiday Potluck Dinner was a terrific event! The table decorations were wonderful, and the food was plentiful and tasty. Thank you Jim Hutchings for bringing the honey baked ham and other meat. With salads, side dishes and lots of desserts we had a selection to satisfy even the most finicky taste bud. Our members had the opportunity to socialize and be merry as we enjoyed our meal together. Following dinner, we of course installed our new officers for the New Year. Thank you once again, Lois Houston, for conducting the ceremony. We also appreciate all the members who helped in the set-up of the tables and who participated with their food and gifts. Finally a big thank you to Margaret and Bob Oleachea, who not only facilitated the success of this event but the vast majority of our Educational Meetings. They are the ones who arrive early to set up the coffee and drinks, arrange the food and utensils, and then stay to the end to clean up and put everything back in order!

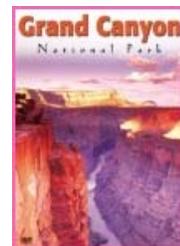
Our January Educational Meeting will feature a 2004 DVD film presentation entitled Arizona Highways: Grand Canyon. Plan to be there!

*Karla Shannon*

#### ***EDUCATIONAL PROGRAM FOR JANUARY 11, 2005***

##### **Arizona Highways-Grand Canyon**

A single narrator provides a wide range of information on Grand Canyon natural and human history. It includes great Colorado River footage.



***Happy New Year!***



### MINUTES FOR ROSEVILLE ROCK ROLLERS EDUCATIONAL MEETING DECEMBER 14, 2004

1. **Annual holiday potluck dinner** followed by business meeting. Business meeting called to order at 7:45 P.M. by Karla Shannon, President.
2. **Flag Salute.**
3. **Present:** 39 members, 5 juniors and 3 guests.
4. **Installation of Officers** - for 2005 with Lois Houston in charge of the installation proceedings.
5. **Presentation of Bars & Triangles** - CFMS bars and triangles were awarded to the 2004 officers by Florence Brady.
6. **Thanks for all the food & decorations** - Bob Oleachea thanked all for bringing the potluck food items and thanks were given to Diane Killen and Kym Andrews for providing the table decorations.
7. **Skit for CFMS Show** - Gloria Tomczyk, Jim Hutchings and Hugh & Florence Brady performed the skit which they did for the annual CFMS meeting on November 13th.
8. **Drawings:** winners were: Member, Lois Houston; Junior, Sonja Cartwright and Guest, Corrina Wagner.
9. **Announcements** - Maidu Interpretive Center will be having "free days" during the showing of the "Precious Cargo" display.
10. **Membership** - Members paying after December 31 st will be charged a \$3.00 late fee.
11. **Correspondence**- a letter was received from Kristauphe Gems located in Laguna Niguel, CA.
12. **Treasurer**- Terry Yoschak said all bills have been paid.
13. **Field Trips** - Jim Barton, field trip leader for 2004, reported he visited the lapidary shop for SMS. He thanked Kym and Rolf Andrews for extending the invitation.
14. **Show Chair** - Gloria reported a lot is already lined up and we'll be ready. We need a volunteer to chair the hospitality position and also someone to handle the raffle tickets. See Gloria if you can help.
15. **Sunshine**- Lois Reynolds reported a card was sent to Rob Blazina from the Club.
16. **New Business**
  - a. Thanks were given to the bulletin mailing committee which was Kym & Rolf Andrews.
  - b. Proposed changes to the By-Laws and Standing Rules. Discussion occurred. Charlie Brown had some questions answered. Motion to accept the changes as written in the December bulletin was made. Motion passed. (One opposition vote.)
17. **Bulletin Editor** - Terry Yoschak reminded members if they wanted to receive the bulletin as an e-mail, to let her know. Members were encouraged to periodically review the website for the Club. All the forms for the CFMS show are on our website.
18. **Board Meeting**- December 28th is a combined meeting, of all outgoing and incoming officers.
19. **Adjournment** - meeting was adjourned at 8:40 P.M.

Respectfully submitted,  
Florence Brady, Secretary

### MINUTES FOR ROSEVILLE ROCK ROLLERS BOARD MEETING DECEMBER 28, 2004

1. **Call to Order** at 7:07 P.M. by President Karla Shannon.
2. **Present:** Outgoing and incoming officers (a combined meeting). Absent: Rob Blazina, Shaun Chapman, Denise Killen, Nettie Moore and Lois Reynolds.
3. **Introductions.**
4. **Minutes** - for Board Meeting on November 23<sup>rd</sup> and Educational Meeting on December 14<sup>th</sup>. A motion to accept these minutes as written was passed.
5. **Treasurer's Report** - Terry Yoschak reported all bills have been paid, including the rent for the Maidu CC through June 2005. A cash flow chart for 2004 was shared and discussed. A motion was made by Hugh Brady and seconded by Gloria Tomczyk to pay \$74.27 to Jim Hutchings for the meat purchased for the December Ed. Mtg. potluck. Motion passed.
6. **Correspondence** -
  - a. Letter from Lambert Holding Co. Ltd.
  - b. A thank-you letter from the CSUS Geology Club regarding our contribution of rocks and other items to their Nov. 19<sup>th</sup> auction.
  - c. A letter from Walter Mroch, SG&MS, regarding Lifetime Club Member Elmer Parsons who died in April, 2004. Terry will publish this letter in the Jan. Bulletin.
7. **Membership** - Florence Brady shared information on the membership for 2004 and the status of renewals for 2005. Discussed were ways to get the information regarding our club, meetings and show to the public. Gloria will make contact with the CSUS Geology Club and have a bulletin sent to them. Getting publicity to stores, television and radio stations and on newspapers club calendars was discussed. At the next Educational Meeting, Jim Hutchings will see if he can get a volunteer to chair this job.
8. **Programs** - incoming VP Karla Shannon said the program for the Jan. Ed. Mtg. will be a DVD presentation on the Grand Canyon.
9. **Librarian** - no report. It was suggested that incoming Librarian Diane Killen develop a method for checking out magazines along with books, videos.
10. **Field Trip Director** - outgoing director, Jim Barton, reported the Club needs to do a "CO-OP field trip for 2005. He has materials to give to incoming director, Shaun Chapman. Annual CO-OP Seminar will be in March.
11. **Show** - Chair, Gloria Tomczyk, is working on developing a letter to be used for obtaining corporate sponsors. Publicity articles have been sent. She will be submitting an article each month for the CFMS bulletin and for the RRR bulletin. Assistant Chair, Rob Blazina, has been in touch with the club members who have the rock feast display. Further discussion will be underway.

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- 12. **Directors** – Hugh Brady inquired if the check to the Roseville Hospice in memory of Robert Jellison was ever mailed. (No, this will be taken care of.) He reported on the CSUS Geology Club’s auction. It was very well done and worth the effort we put into it. It had lots of donations and sponsors.
- 13. **Bulletin Editor** – Terry asked about the positions listed on the back side of the front page. Jim Hutchings will contact the chairs and see if they wish to continue. Discussed was what the Vice President’s message should consist of (last month’s program and this month’s program writeups). Deadline is Dec. 30<sup>th</sup>. Rolf and Kym Andrews will continue to do the mailing, with Terry and Frank Yoschak as backups. Some board members asked to try the electronic version of the bulletin.
- 14. **Website** – the website was discussed and Terry shared the number of “hits” (visits) it gets each week.
- 15. **Old Business** - Lapidary shop site – a report was given on the boxcar which was available for rent. It was felt that it was not suitable. Jim Hutchings gave a report on his talks with the new CEO of the Placer Co. Fairgrounds. He will ask his Board of Directors if something could be worked out regarding the Club holding their monthly meetings at the Fairgrounds and if an area on the grounds could be rented for the placement of a building to be used to house the lapidary equipment. In the meanwhile, the Club needs to find a building to rent, for one year.
- 16. **New Business** –
  - a. Subscription to CFMS Bulletin – a motion was made by Gloria Tomczyk and seconded by Frank Yoschak to continue paying as we did for two extra subscriptions. Motion passed. It was decided to have Jim Hutchings, Terry Yoschak and Gloria Tomczyk receive copies (free) and the Club will subscribe for Florence Brady’s and Karla Shannon’s copies.
  - b. Jr. Merit Program, AFMS. Florence brought the information needed to participate in this program for juniors. The Club needs a Junior Advisor and once the program is established, it should be publicized.
  - c. Exhibit Case – an invitation was received to display the Club’s exhibit case at the Santa Clara G&M Society’s show in San Jose on April 2<sup>nd</sup> and 3<sup>rd</sup>. John Moulder and Jim Hutchings will see if this can be worked out.
  - d. Gem Faire – the organization has invited us to have an information table at their show to be held at Cal Expo on April 1-3. The Board decided to do this and to have both Club and Show information available.
  - e. Inventory List – Florence reminded the Board it needs to review and update this list. (GPS needs to be added.)
- 17. **Adjournment** – meeting was adjourned at 8:50 P.M.

Respectfully submitted,  
Florence Brady, Secretary

### **January Meeting Refreshments**

Refreshments for the January 11th Educational meeting are to be provided by Jim Barton, Bernadine Barton, Lois Houston and Nettie Moore.



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### **January Board Meeting**

The meeting will be at 7:00 PM, Tuesday, January 25, 2005, at the Granite Bay Library.

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### **Next Show 2005 Meeting**

The meeting will be at 7:00 PM, Wednesday, February 2, 2005, at the Raley’s store in Granite Bay.

\* \* \* \* \*

### **The BLAST: 2005 CFMS Show**

by Gloria Tomczyk, Show Chair

The Best of a New Year to all of you! The November's Director's meeting was the official kickoff "BLAST" for the 2005 Convention & Show in Roseville. We have an excellent team working very diligently in several areas, making this show very inviting & fun for everyone.

The entire fairgrounds in Roseville will be utilized, including camping spaces, with the Best Western in Roseville as the Headquarters Hotel. We plan to have vendors inside and outside, along with many other activities within the grounds for children & adults, including "Gold panning."

One highlighted field trip will be to the "Original Sixteen to One" underground gold mine. We have lined up renowned professionals to lecture all three days of the show, in addition to Museum & Special Exhibits, and approximately 100 display cases.

This year the Director's meeting on Saturday will have a -- GOLD NUGGET RAFFLE! Yes, Gold Nuggets will be raffled off, to those present at the meeting, so make your plans early to attend this exceptional show. Also, please don't let this information stop here; pass this show info onto your local club members either through your report or reprint of this note.

The "BLAST" is going to happen in Roseville come June, so please be a part of it. Visit our web site for more info - [www.rockrollers.com](http://www.rockrollers.com). See you soon!

*CFMS Newsletter 1/05*

**Field Trip Report**

I will be planning a field trip coming soon, depending on how the weather shapes up. I will be looking at different sites for our club to go to. Right now I don't have a date for the next field trip. If you have any questions you can contact me at: Shaun Chapman,

*Shaun Chapman*

**JANUARY BIRTHDAYS**

- 1/3 Melody Gibson
- 1/4 Linda Woltman
- 1/13 Adam Meyer
- 1/27 Rusch Delong
- 1/27 Florence Brady
- 1/27 Angeline Hicks
- 1/28 Lorraine McCrummen
- 1/28 Berta Zents



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**In Memoriam**

**Editor's Note: Elmer Parsons, Rock Rollers President for the years 1966, 1967, and 1970, died in April 2004. We noted his passing in our Bulletin, but we did not have an obituary until now.**

April 22, 2004 - Elmer L. Parsons

Calling Black Dog - Rest in Peace. This is a short remembrance of a quiet, gentle and thoughtful man who happened to be a terrific club member. I had the privilege of knowing Elmer and Mary Jane (MJ) as well as any other member of the Searchers and perhaps a little more so. We traveled the country together when I was the field trip chairman many years ago and we saw lots of the western USA and collected at quite a few places. He is survived by his loving wife Mary Jane and his son Bob from Tulsa, OK who is a bus driver there, and daughter Linda and her husband from Phoenix, AZ who work for the Bureau of Land Management.

To the best of my recollection Elmer L. Parsons served on the USS Chester CA-27, which was a battle cruiser during World War II. His ship was out at sea, quite fortunately, during Pearl Harbor performing other duties so Elmer was very fortunate. His tour of duty saw him through some tough battles at sea. According to Navy records the ship and its crew saw battle in the Coral Sea, Guadalcanal, Iwo Jima and Okinawa. The ship's crew was awarded 11 Battle Stars that indicate that they saw 11 major World War II battles. He also served on the cruiser USS Pasadena CL-65 which was in Iwo Jima and Okinawa and also in Tokyo Bay for the surrender of the Japanese. I believe that Elmer was on another tour of duty that went to Korea.

Later in life Elmer worked in the commercial valve business, working on nuclear valves for the DOE under contract with his employers. Elmer lived in Roseville, CA where he was very involved in the rock club there as president for three years. He also worked in Idaho Falls, ID for many years in the same industry, as there is a DOE facility there. Eventually he ended up in Fullerton, CA where he and MJ came to join the Searchers. They are long time members and both he and MJ helped out a great deal at the annual shows in a variety of duties. Elmer also served as our Public Lands officer for many years to keep the club well informed about land use issues.

I for one will deeply miss my traveling friend, and I know that anyone who met him will have fond memories. His silent presence will always be with those who knew him. At Elmer's request he asked to be cremated and receive a Naval burial at sea. Rest in peace Elmer - from all your friends in the Searchers. May we meet again on the trail to great treasures.

*Submitted by Walter Mroch, Searchers GMS 2005 Show Chairman*

## ***Nuggets for Your Shop-time***

*by Bruce Mensinger, Shop Chair, Culver City Rock and Mineral Club*

**Select, Explore, Rough out, Refine, Finish.** These are the steps when working stone. They often blend, one into another; sometimes repeat.

Do as much of the work at earlier steps as is practical. This saves time. Saws remove large pieces much faster than grind wheels can remove an equal volume. Coarse grind wheels remove material faster than fine grit wheels. Using polish wheels to remove a substantial amount of material might require several lifetimes.

Minimize the amount of stone you reduce to dust. To gain speed and reduce waste, favor methods in the following order: 1) Pick material that is close to the size of your envisioned finished piece; 2) Break pieces (when possible) to rough size and shape; 3) Saw; 4) Grind.



Match the tool to the stone and to your skill level. Too coarse will damage the stone, too fine wastes time and tempts using excessive force. A skilled and experienced operator can do work using a saw for which a beginner must use a coarse grind wheel.

Grind and polish from the middle of a slab toward the lower edge. This is both a good practice and a safety issue. When grinding a stone on a wheel this method allows better control, especially when working near the edge of the slab. It is safest for your stone because the forces generated between the stone and dop stick are lighter. It is safer for you and others around you because stones that come off their dop sticks can fly fast and far. The more yielding the surface of the wheel, the more this practice matters. What happens is that the friction of the stone against the surface of the wheel causes the wheel surface to distort. This takes the form of a moving dent where the stone presses, and a loose billowing wave of material (sandpaper or leather, whatever the wheel is covered with) that flops outward above your stone. When the lower edge of your stone causes this, the broad surface of the rest of your stone above offers little resistance and the billow passes. On the other hand, when the top edge of your stone against the wheel causes the same wave, the billow tends to wrap around the top and rips the stone and dop stick out of your hands, pulls the stone off the dop, or it rips the sandpaper or cuts the polish pad. If, instead, you are lucky, you just feel a sudden jolt and temporary loss of control over the process. Take that jolt as a warning; you won't always be so lucky.

The stone dictates how fast. Going faster wears out machines prematurely and leads to accidents for you and your stone.

Polishing should be a brief step. When prior steps are completed, polishing takes very little time. Polishing is not a process of material removal; it is a chemical reaction, promoted by water and friction-generated heat, between your stone and the metal oxide used as a polishing compound. The main exception is diamond dust polish, which acts mainly as a super-fine cutting agent.

Heating a stone rapidly is less likely to break it than cooling it rapidly. Stone, like nearly all materials, expands when it heats and shrinks as it cools. Stone is a brittle material; it is also much more able to resist squeezing than being pulled apart. Because heating comes from the outside, the surface must be hotter than the inside until equilibrium is reached when the stone is the same temperature throughout. The hotter outside tries to expand, which stretches the cooler interior. When cooling, the heat flows out of the stone; the outside shrinks and the still warm interior is squeezed. But the surface of the stone is weaker, due to roughness and cracks plus the non-uniform way that forces are distributed, so cracks propagate and the stone breaks. This can be an extremely violent process.

*From The Nugget (Bulletin of the Culver City Rock and Mineral Club), 12/04*

## "Tucson Talk" - Definitions

by George Campbell, Ososoft Mineral

You need to know this stuff if you're attending those rock shows in Quartzsite or Tucson!

\***Keystone:** 1/2 the price marked. The real retail price.

Wholesale is less in most cases, as long as you buy in flat quantities.

\***Double Keystone:** 1/4 the price marked. This stuff has been in the dealer's stock for years and hasn't sold, despite being at Tucson for two decades. But....look closely at this stuff...the dealer hasn't looked at it for years and there may be a Sleeper (see below) in there.

\***Wholesale:** The price everyone but you is paying for the same specimens.

\***Flat:** How my wallet looks after returning from Tucson. Also a flat cardboard box, roughly 12"x18" in size, more or less full of specimens, generally boxed and labeled.

\***Mexican Flat:** A flat with no boxes....each specimen wrapped in very interesting foreign-language newspapers you can read after you get home. NOTE: The newspaper also hides the dings, bruises, and cracks. (see below)

\***Killer Specimen:** One you can't afford

\***Sleeper:** That elusive specimen in the flat, which the seller missed. As in a Powellite specimen in a flat of cheap Indian zeolites.

\***Keeper:** A specimen so overpriced that the dealer will be taking it home.

\***NFS:** Not for sale. But everything's for sale.

\***Kid Rocks:** Cheap specimens kept on hand so everyone buys "something."

\***New Find:** The dealer just found this flat of specimens in the back of the storage locker just before the show.

\***Type Locality:** Where you wish the specimen you're looking at came from.

\***Gemmy:** You can see some light through the crystal, as long as the light is a halogen lamp.

\***Cutting Rough:** Oops...the hydraulic trimmer worked a little too well.

\***Museum Specimen:** A specimen too large to fit in any cabinet affordable by a collector.

\***Clearance Specimens:** Buy these or they'll be in the motel dumpster when the show's over.

\***Rare Specimens:** Anything not available in at least 50% of the rooms at the show.

\***Mexico:** The default locality for any specimen which has an unknown locality (See also: Pakistan) (See also: Russia)

\***Bruise:** A small ding      \***Ding:** A large bruise

\***Crack:** A feature of a specimen....always caused *in situ* and never by human hands.

\***Healed Fracture:** See UV Lamp

\***UV Lamp:** An ultraviolet lamp used to: 1. Check healed fractures. 2. Find sleepers. 3. Knock over "killer specimens." 4. Cause premature cataracts. 5. Locate fluorescent specimens.

\***Wholesale Only:** Sign outside of rooms containing mostly stuff you don't want anyhow. Ignore the sign if you like.

From AFMS Newsletter 4/98

## Some New Years Resolutions for Rockhounds

**S**upport your Rock Society.

**U**rge your friends to join.

**P**ay your dues promptly.

**P**lan to attend all meetings.

**O**btain suitable articles for the club Bulletin.

**R**ead at least one new book on Rockhounding.

**T**ransport a fellow member to meetings if he or she has no transportation.

**Y**ield to someone more knowledgeable than yourself.

**O**ffer to help the beginner or new member.

**U**pgrade your rock stock continually.

**R**emember to share your knowledge and surplus rocks with others.

**R**ecognize faults of others and forgive them.

**O**mit criticism which is not constructive.

**C**ontribute to all phases of rockhounding.

**K**now your membership, introduce yourself to new members.

**S**ign up at least one new member in 2005.

**O**ffer to help, even when not asked.

**C**atch up on your reading during the cold months.

**I**nvoke friends to attend meetings with you.

**E**nter a case in the Rock Show.

**T**ry to find new rock hunting localities.

**Y**ell if you are not asked to help and you want to participate.

*From Calgary Lapidary Journal 12/03, author not given, via the Roamin' Rams 1/04*



## ***Mother-of-Pearl***

by "The Old Rockhound"

When last you dined at your favorite Chinese restaurant, did you by any chance have clams-on-the-half-shell or clams in black bean sauce? If so, you may have handled some very interesting material for jewelry making.

Yup, the Old Rockhound knows where to find his rough Mother-of-Pearl!!! Many shellfish can be used for obtaining the opalescent and iridescent delight known as Mother-of-Pearl, and the clams served in your favorite Chinese haunt is on the list!



If you ask the waiter, it has been my experience that he will put the shells from your plate into a PLASTIC bag, (your car will tell on you for weeks if you try to take them home in a paper "doggie bag," as one, to-be-unnamed, Dummy did!)

Do NOT take them into the house! Leave them lying on concrete in some sunny spot away from the house proper, where the ants and nature can do their work on them. (The attachment muscle will need to be removed, which the ants take care of in about three weeks). All odor is gone by then, too.

When they are clean and have no smell to them, they are ready to be taken into the shop to be cut into the desired pieces. Actually, "cut" may be incorrect here, because the shells are quite brittle, and if one uses any force whatsoever putting them through the saw, they will break! So, it seems to be easier to grind them gently to size. You may find it hard to believe, but the easiest grinding just might be done on the side of your saw blade! That quarter-of-an-inch band on the side rim of a diamond saw blade works wonders with a very minimum of pressure.

The cabbing machine also works well. Just don't start with your rough wheel, (80 or 100 or 120 or whatever). Instead, start off trying the 320 or 400 wheel. It is much easier to control the speed of cutting. If you study the shell carefully, there will be several areas that are flat enough to yield decent sized pieces. Have good light and mark carefully.

Once you have cut or ground the Mother-of-Pearl to the desired shapes, it can be polished easily with a little cerium oxide or finer compound. The off side really does not need to be polished, because it will not show in most settings. Save the smaller pieces and the unusual shapes, and they can be set in an epoxy bed to make distinctive and unique mosaics, or to fill in smaller spaces around other stones in making some jewelry.

A good rockhound looks anyplace where material can be found. So be on the alert when next you go out to eat!

*Author given only as "The Old Rockhound," from Tomoka Coquina 6/03*



## ***Tricks of the Light***

It might seem almost too difficult to believe, but some minerals change color on exposure to light. These are known as photosensitive minerals.

Some, like many silver species including cerargyrite and embolite, are irreparably damaged because the change is irreversible. The original color is lost, and in some cases the added action of oxygen in the air will cause the surface to tarnish, as with chalcocite, crocoite, cuprite and stibnite.

These minerals therefore have to be stored and displayed carefully. Others, however, are reversible and can offer fascinating hours of observation.

The most remarkable example of this light effect on color is the reversible photosensitivity of several members of the sodalite group. Hackmanite, especially from Bancroft in Ontario, is stunning. In daylight the colorless mineral will change gradually to pink, followed by raspberry and finally a violet hue. The color will then disappear rapidly and completely when the specimen is held up before a strong artificial light.

*Author unknown, in Wild About Rocks Newsletter 10/03*