

JANUARY BIRTHDAYS

Happy Birthday! We hope you have a wonderful day.

BIRTHSTONE: GARNET
FLOWER: CARNATION

Nearly everyone thinks of garnets as a red gem, but some jewels in this family range in color from pale orange to dark red to violet. Garnets can also range from cinnamon to brown and from olive to green. A flawless clear green garnet of the demantoid variety is one of the most beautiful and costly green in existence. Of the red variety, the deep red Almandine is the most valuable. In ancient writings it was referred to as a "Carbuncle". This was the stone that was said to have provided the light in Noah's Ark during the wet dark days and nights of the flood.

The more common variety is known as Pyrope garnet. As with many other gemstones, garnet was thought to have magical powers-potents against poison, bad dreams, drowning, etc. Carvings in the figure of a lion (called Simbas) were worn toward off disease and to protect travelers.

Garnets have a hardness of 6 ½ on MOH scale, although this may vary with the quality of the stone.

CHRISTMAS DINNER: The Christmas party was wonderful. The food was excellent and there was more than we could eat. The members were given a ticket and everyone received a gift.

We would like to thank all the people that donated money and brought food to fill a large box. It is wonderful to be able to help make the Holidays a little brighter for someone in need. Thank you very much for your generosity.

DUES ARE DUE: Dues are \$15 per adult and juniors are \$8 each.

There are no dues for children that do not wish to participate in the junior member activities. The dues pay our insurance, news-

Letter costs and other club activities. Please pay Your dues as soon as possible by sending it to Gretta Seward, 20361 River Valley Drive, Anderson, California 96007.

INSTALLATION OF OFFICERS: The installation of the new officers will be held at the January meeting.

NEW MEMBERS: We would like to welcome the following new members: Mal Morgan, David Harris, Michael Mobley, Sandra Arbo, Pamy Welborn and Judy Rodola to the Shasta Gem & Mineral Society. We hope you will find being a member a rewarding experience.

Please introduce yourselves when you see some one at our meeting or at the workshop that you do not know. We want every one to feel welcome.

THANK YOU: We would like to thank Emmett Spencer for the donation of "Ornament" magazine of art and craft jewelry. We have received Volume 32 and 33. Please check them out from the library. I am sure you will find them very interesting. Again Emmett, thank you very much.

NO ROC TOC in February, but back in print in March. In the March Roc Toc we will give you the necessary information to print the newsletter. Those of you that do not have a computer; we will continue to put your copy in the mail. If you do have a computer that is not listed on the Roster, please let me know.

Laughter is not at all a bad beginning for a friendship, and it is far the best ending for one.

Oscar Wilde

You can always tell a real friend: when you've made a fool of yourself he doesn't feel you have done a permanent job.

Laurence J. Peter



AFMS/CFMS/NOCGMS Show & Convention
"Hidden Treasures"
June 16 thru 20, 2010
Pre-Registration Form



Name: _____

Address: _____

City: _____ State: _____ ZIP: _____

Phone: _____ Email: _____

Club/Society: _____

Event	Cost	No.	Total
AFMS Past Presidents Luncheon	\$ 9.00	_____	\$ _____
AFMS/CFMS Award Banquet	\$35.00	_____	\$ _____
AFMS/CFMS Editor's Breakfast	\$ 21.00	_____	\$ _____
Show Admission Fees:			
Adult Tickets (per day)	\$ 6.00	_____	\$ _____
3-day passes	\$ 15.00	_____	\$ _____
<i>Juniors, 14 and under, are free when accompanied by an adult.</i>			
Raffle Tickets (6 Tickets)	\$ 5.00	_____	\$ _____
	Total Due		\$ _____
	Total Enclosed		\$ _____

DEADLINE for Pre-Registration is: May 15, 2010

Make all checks Payable to: **NOC Gem Show 2010**

Return this registration form, with check or money order to:

Mike Beaumont
518 N. 6th St. Banning, CA 92220



Recommended Whittier & La Habra Area Hotels

Prices and Conditions Subject to Change

Hotels – Brea

Embassy Suites Hotel
900 E. Birch St., Brea
(714) 990-6000
Review: Rating (4); Price (\$109); No Pets

Hotels - Fullerton

Headquarters Hotel
Anaheim Park Hotel
222 W. Houston Ave., Fullerton
(714) 992-1700
Review: Rating (4); Price (\$69*); No Pets
*Bulk Rate Deal

Heritage Inn
333 E. Imperial Hwy., Fullerton
(714) 447-9200
Review: Rating (3); Price (\$65); No Pets

Fullerton Inn
2601 W. Orangethorpe Ave., Fullerton
(714) 773-4900
Review: Rating (3); Price (\$65); Pets Allowed

Hotels - La Habra

Beach-La Habra Motel
770 S. Beach Blvd., La Habra
(562) 691-7796
Review: Rating (2); Price (\$65); No Pets

Hotels – La Mirada

Holiday Inn Select
14299 Firestone Blvd., La Mirada
(877) 863-4780
Review: Rating (4); Price (\$85); Pets Allowed

Hotels - Whittier

Vagabond Inn
14125 Whittier Blvd., Whittier
(562) 698-9701
Review: Rating (3); Price (\$64); Pets Allowed

Radisson-Whittier
7320 Greenleaf Ave., Whittier
(562) 945-8511
Review: Rating (4); Price (\$79); No Pets

Days Inn
14330 Telegraph Rd., Whittier
(562) 944-4760
Review: Rating (3); Price (\$49); No Pets

Friendly Hills Inn
14329 Whittier Blvd., Whittier
(562) 698-6731
Review: Rating (4); Price (\$69); No Pets

More hotel info at <http://www.nocgms.com/show/>

Stone Age Twins Discovered Buried Under Mammoth's Shoulder Blade

Researchers have unearthed the graves of three Stone Age infants that may ultimately bear on the question of whether humans interbred with Neanderthals.

The team discovered the skeletons in two separate burial pits: One uncovered last year contained two infants side by side – twins, apparently. A second pit containing a single body was found this year about a meter from the first pit. The twins had been protected from the elements by the mammoth bone and were very well preserved, says team member Christine Neugebauer-Maresch of the Prehistoric commission of the Austrian Academy of Sciences in Vienna. An incisor from one of the pair indicates they died at nine or ten months of age, the group reports in the November 16 *Nature*. Before this, “there were no graves of newborns at all,” says Neugebauer-Maresch. Numerous traces of burial practice survived. All of the infant remains were covered in red pigment, and more than 30 ivory beads lay near the pelvis of one of the presumed twins. The lone skeleton contained an ivory pin, which may have held shut a leather or fur wrapping Neugebauer-Maresch says. The excavators found the remains in an 18 square-meter site in lower Austria, near where the river Krems meets the Danube. The location contains a well preserved earthen floor and other artifacts characteristic of so-called Gravettian culture, including a fired piece of clay bearing a human fingerprint.

The infant burials were similar to those for Gravettian adults, whose remains often include mammoth bones and jewelry, says anthropologist Olga Soffer of the University of Illinois at Urbana-Champaign. “What is unusual is the extreme youth of these,” she says. “Dead kids are few and far between and the younger you get the fewer there are.” The effort taken to bury and decorate the remains implies the infants or their families were held in high esteem, she notes. Studying the Austrian infants for any DNA extracted from them may contribute to the debate over whether or not humans and Neanderthals exchanged DNA, Soffer says. In recent weeks researchers have presented evidence that humans and Neanderthals interbred when humans left Africa 30,000 – 40,000 years ago. Human skeletons found in Romania seem to show certain Neanderthal traits, for example. The new remains could be examined for similar features, Soffer observes. “It will always be a little problematic because they’re not mature, but it will be an important

point of reference,” she says. “There are lots and lots of exciting potential her.”

Article dated Nov 15, 2006 written by JR Minkel for SCIENTIFICAMERICAN.COM via Earth Science News, Dec 2006, via *The Rockpile* Jan, 2007.

Dusty Rocks

QUARTZSITE, AZ 2010

Answering The Call of The Snow Birds.

Where can you beat the snow, see an RV and car show, buy crafts, tools, rocks & gems, all while visiting with a million of your closest friends? Welcome to Quartzsite, Arizona population 3,650; home of the largest open air flea market - craft show - rock and gem shows each January and February. Rock enthusiasts plan their trip all year long, with over 2000 vendors, activities and warm temperatures.

According to the official website Quartzsite is west of Phoenix at the junction of Interstate 10 and US 95, near the Colorado River. The community has a Sonoran Desert setting. The nearby Kofa, New Water and Plomosa Mountains provide topographic relief while the Colorado River lies only 17 miles to the west. Quartzsite was established in 1867 on the site of old Fort Tyson, a privately built structure constructed in 1856 by Charles Tyson for protection against Indian raids. Named Quartzsite because quartz was occasionally found in the area, the name evolved to Quartzsite through an error in spelling.

Besides quartz, rock hounds also can find agates, fossils, gold and limonite cubes to name a few. Other attractions include the Tyson Wells Museum, Crystal Hill, Spanish Wall and Tyson Tanks. With all Quartzsite has to offer no wonder so many of our members make the trip. If you decide to go don't forget to join the Quartzsite Gem and Mineral Club, the nation's largest club, with over 850 members. For \$15 you get information on field trips, classes and use of their shop during your visit (after an orientation class). Check out their website at www.quartzsitegemandmineralclub.org. Check out the calendar of events and enjoy your trip.

To the membership of the Shasta Gem & Mineral Society

I wish to thank all of you that gave me our support at the November elections. When I observed the direction we were given to vote it was more important to comment on these directions than to be President. Perhaps I could have been a little more tactful but I really believe it would not have made any difference.

Our Society is no longer in the dark ages of its formation. We now have a workshop (due to the hard work of Steve Puderbaugh and Sandra Park). We also have a training agreement with the City of Redding. And also we are very near to having our own web site. We also have 501c(3) status, which means we can give valid receipts for any donations (due to the long and hard work of Sandra Park).

Page 3 of 6, Article V, Section 2 of the BY-LAWS of our Society is the first place the by-laws refer to governing the conduct of all meetings. They state and I quote "Roberts Rules of Order shall govern the conduct of all meetings". Folks our election were not conducted in any manner remotely following Roberts Rules of Order. This is why I spoke out.

John Ellwanger

LAPIDARY JOURNAL JEWELRY ARTIST MAGAZINE: I just finished looking at the January issue and it has some great articles on stone setting. There is also a good article on bezel making and the use of a bezel stake to form your bezel, and there are some very interesting cabs in custom shapes. Also, there are at least four settings they show you step by step how they did it. Give it a try and see if you can do it also.

Free Gemology Courses

WOW! Well this is really neat....have you ever wanted to know more about gems and gemology? Maybe looked at your local library for books or reference courses?

Reading through the Bulletins I receive from other Clubs this month, I came across this interesting info, and I think, like myself, there will be quite a few that might have more than a little interest in this.

It's an online Gemology course, all the details at www.bwsmigel.infoif you're interested in learning about gemology from a scientific (rather than a commercial or artistic) viewpoint, then you might enjoy this website and instructional material.

Included are one topic WebEssays, and a ton of pictorial essays that deal with info on specific rocks and minerals. There's an ask the teacher link, where you can receive answers to questions, and a very complete glossary with pronunciation guild, very handy.

VI, Dusty Rocks

Info from Charlie-

EDITOR'S NOTE: The source of these tips and hints are other club bulletins. Be careful when trying out any new idea. They have not all been tried by this editor.

For the glass finish on tigereye, polish once, dry the stone, then put a drop of vinegar on the stone. Leave it on for a couple of minutes, and then give it a second polish. The result should be that deep glass finish that you've been wishing for.

Never use ammonia or detergent on turquoise. Ammonia will turn turquoise white. A good way to test for genuineness would be to apply some to the back of the stone.

Source: T-Town Rockhound - 1/04

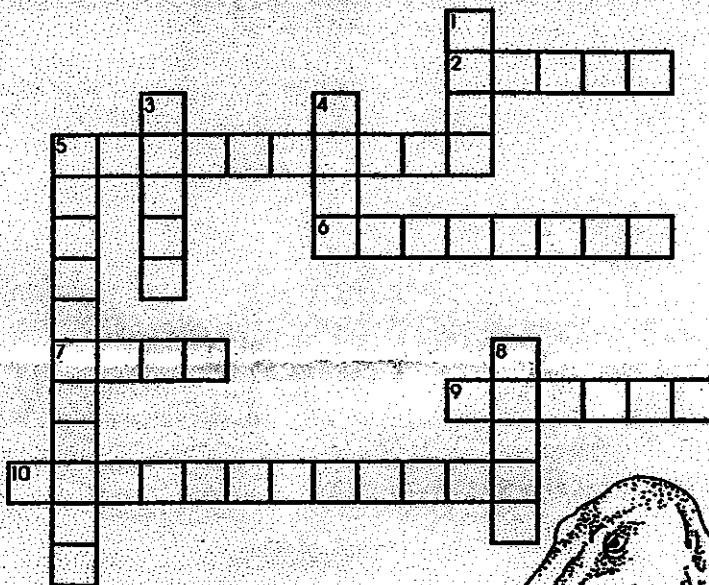
via Gems of the Rogue-
GEMS FROM THE REDWOODS

JUNIOR PAGE

Allosaurus

Allosaurus (al-o-SORE-us) means "other lizard." The allosaurus was a carnosaur with a very large head and a mouth full of razor-sharp teeth. Its gigantic jaws tore huge hunks of flesh from its victims. The allosaurus had short arms and its hands had three-clawed fingers. Its rear legs were long and strong. Because of its size (about forty feet long), some scientists

believe that allosaurus was too slow and clumsy to hunt for its food. Other scientists believe that allosaurus could not only run but also swim. The APATOSAURUS (a-PAT-o-SORE-us), formerly called BRONTOSAURUS, was probably too big for allosaurus to capture, but scientists have found apatosaurus tailbones with allosaurus teeth marks on them!

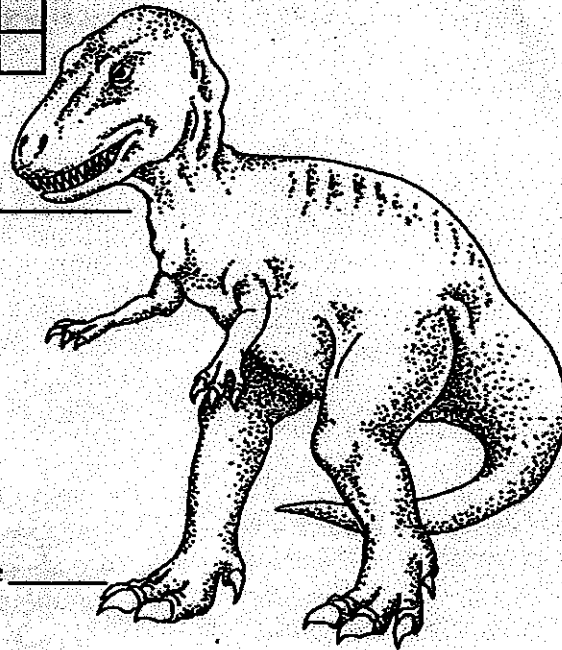


ACROSS

2. Scientists do not _____ about the speed of the allosaurus
5. The carnosaur named "other lizard"
6. Allosaurus teeth marks were found on an apatosaurus _____
7. Some scientists think allosaurus could run and _____
9. Not graceful; awkward
10. Old name for apatosaurus

DOWN

1. Allosaurus had sharp teeth and gigantic _____
3. Allosaurus had _____ on its fingers
4. Some scientists think allosaurus was too slow to _____
5. Plant-eating dinosaur that may have been eaten by allosaurus
8. Carnosaurs ate _____





January 2010

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					CELEBRATE 100 YEARS OF NEW YEARS HERE! New Years Day	Holiday Weekend Workshop Closed
3	4	5 Open Workshop 5:30-8:30pm Zeke Breazeale	6	7	8 Club Mtg Anderson Grange Hall 6PM	9 Open Workshop 10 am-2 pm Ohlson/Sznyter Kids Free Day
10	11 Open Workshop 5:30-8:30pm Steve Lay	12	13	14	15	16 Open Workshop 10 am-2 pm Bill Seward
17	18 Board Meeting 7pm Host:	19 Open Workshop 5:30-8:30pm Steve Puderbaugh	20	21	22	23 Open Workshop 10 am-2 pm Ohlson/Sznyter
24	25	26 Open Workshop 5:30-8:30pm Bill & Susan Doyle	27	28	29	30 Open Workshop 10 am-2 pm Dave Carpenter
31	Workshop Notes: - Open Workshop Days - Ticket Purchase Required - Kids Day : 1st Saturday after 2nd Friday (Saturday after Club Meeting)					

Attendants: Please contact an alternate if you can not make assigned date.

February 2010

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2 Open Workshop 5:30-8:30pm Zeke Breazeale	3	4	5	6 Open Workshop 10 am-2 pm Steve Puderbaugh
7	8	9 Open Workshop 5:30-8:30pm Steve Lay	10	11	12 Club Mtg Anderson Grange Hall 6PM	13 Open Workshop 10 am-2 pm Ohison/Sznyter Kids Free Day
14 	15  Presidents Day	16 Open Workshop 5:30-8:30pm Steve Puderbaugh	17	18	19	20 Open Workshop 10 am-2 pm Dave Carpenter
21 Valentines Day	22 Board Meeting 7pm Host:	23 Open Workshop 5:30-8:30pm Bill & Susan Doyle	24	25	26	27 Open Workshop 10 am-2 pm Ohison/Sznyter
28	<p>Workshop Notes: - Open Workshop Days - Ticket Purchase Required - Kids Day : 1st Saturday after 2nd Friday (Saturday after Club Meeting)</p>					

When our lawn mower broke and wouldn't run, my wife kept hinting to me that I should get it fixed. But, somehow I always had something else to take care of First, the truck, the car, playing golf. Always something more important to me. Finally she thought of a clever way to make her point. When I arrived home one day, I found her seated in the tall grass, busily snipping away with a tiny pair of sewing scissors. I watched silently for a short time and then went into the house. I was gone only a minute, and when I came out again I handed her a toothbrush. I said, 'When you finish cutting the grass, you might as well sweep the driveway.'

The doctors said I might walk again, but I will always have a limp

GEMS OF THE ROGUE

Attendants: Please contact an alternate if you can not make assigned date.

SHASTA GEM & MINERAL SOCIETY, INC.

Shasta Gem & Mineral Society, Inc ROC TOC 2010

Elected Officers

President
 Steve Puderbaugh..... 604-2951
 Vice President
 Sara Fenske..... 528-2651
 Secretary
 Phyllis Szynter 241-2010
 Treasurer
 Sandra Park/..... 246-9822
 Rochelle Ohlson, Assistant 221-8050

Board of Directors

Marianne Sweetwood..... 549-4598
 Steve Szynter 241-2010
 Bill Doyle..... 549-3039

Junior Advisor & Work Shop Advisor:
 Rochelle Ohlson... 221-8050
 Assistant Junior & Shop Advisor
 Steve Szynter 241-2010

Appointed Committees

Programs
 Sara Fenske..... 528-2651
 Field Trips
 Jim Foster..... 347-1819
 Sara Fenske 528-2651
 Properties
 Bill Seward 365-8641
 Publicity
 Kelly O'Leary 221-7281
 Show Chairman
 Steve Puderbaugh
 Assistant Show Chairman 604-2051
 Bill Seward..... 365-8641
 Dealer Chairman
 Bill Seward 365-8641
 Membership
 Gretta Seward..... 365-8641
 Library is @ workshop, and Donations are Welcome.

Sunshine
 Joanne Pryor 241-2180
 Scholarship
 Marianne Sweetwood 549-4598
 Raffle
 Jim & Pat Foster 347-1819
 Hospitality
 Jan Stone 549-077
 Roc Toc
 Gretta Seward 365-8641
 Coffee
 Jan Stone 549-4077
 Superior Cal.
 Steve Puderbaugh ... 604-2951
 CFMS Directors
 Bob & Jeane Stultz 243-3024
 Kitchen: All Members

Workshop Co Chairman, Bill Seward
 Workshop Treasurer, Sandra Park

Workshop Chairman, Steve Puderbaugh
 Workshop Equip. Manager, John Ellwanger

Board Meeting: Next to last Monday of each month, location to be determined by the Board.

Regular Meeting: The second Friday of each month, at the Anderson Grange Hall, south of the Redding Airport on Figtree Lane. Potluck dinner starts at 6:30, meeting after approx at 7:30.

Dues: \$15.00 each adult per year, junior membership is \$8.00 each per year paid to the membership chairman. Bulletins for life members are \$5.00 membership chairman.

SGMS is a member of the Superior Federation of the Mineralogical Societies and the Superior California Association. The SGMS is a non-profit organization dedicated to increasing knowledge of gem, minerals and the lapidary arts programs through reading, classes and field trips to perpetuate a deep friendship of fellow rock hounds. Permission is given for use of the material printed in the ROC TOC, provided credit is given. Exchange bulletins are welcome and can be mailed to Gretta Seward 20361 River Valley Dr., Anderson, California 96007-8406.

Shasta Gem & Mineral Society Club workshop is located at the "Marx House", 6471 Airport Road, Anderson, CA 96007.