

Sedona Red Rocking News

Sedona Gem and Mineral Club

PO Box 3284, Sedona, AZ 86340
www.sedonagemandmineral.org

Next Club Meeting – Oct. 20th, 7:00 p.m.

General SGMC meetings are held on the third Tuesday of the month, at 7:00 p.m. at the Sedona Library, 3250 White Bear Road in West Sedona.



October, 2015

Volume 61, Issue 7

Member American Federation
of Mineralogical Societies

Member Arizona Coalition of Rock
Hound Clubs

Newsletter Editor: Ray Topp
Email: radio@rconnect.com



President's Message

Marge Schwartz – SGMC President

The weather is cooler and perfect for fieldtrips! Bill and I did some prospecting in California and we look forward to more adventures with our group.

The big news this month is the annual show we put on. The profit from the show funds our high school scholarships and our social events. Be a part of the weekend on October 17-18. You can share your experience with guests and, of course, you can shop from a wide variety of vendors. Think of the unique holiday gifts you could find to surprise friends and family.

Our ice cream social, during last month's meeting, was a great time. I think my right arm is stronger from scooping, which will help when it comes to digging for buried treasure. If you found some treasure of your own, please bring it for "Show and Tell." Share the story of finding your pride and joy. "Urban rock collecting" is OK too – some of our best treasures were purchased as we travel.

Our show will be over by the next time we meet so I will have a summary of our expenses and profits for you then. Our fall line up of speakers will surely keep you interested. Until then, rock on! – *Marge*

October Program

Evelina Dunton – Programs Chairperson

The Faceting of the Agnus Dei Tribute Topaz

Our monthly meeting of the Sedona Gem and Mineral Club will meet at the Sedona Public Library on October 20 at 7:00 p.m. Stephen Kotlowski will be the presenter, featuring the faceting of, "The Agnus Dei Tribute Topaz" – the largest faceted topaz from Colorado. This topaz weighs 1,345.15 carats – over half a pound. It took Kotlowski 120 to 140 hours to complete, totaling 275 facets. Kotlowski did this faceting by hand with no assistance from computer-generated programs.

Kotlowski is a world-renowned gemologist and is a member of the Sedona Gem and Mineral Club. He is a well-established international award winning Faceter in the gem trade. In 1988 he became the first person to receive a "Gemmy" Award under the professional category, and certification the following year of "Supreme Master Faceter" from the American Society of Gem Cutters, ASG, in Washington D.C. Kotlowski's credits include being a seven year recipient of the AGTA Spectrum "Cutting Edge" Award. He is an accomplished gem photographer with a collection of high quality digital photographs representing his work.

Kotlowski is a self-taught faceter, cutting his first stone in 1968 as a teenager. He received a BS degree in Geology from Richard Stockton State College, New Jersey in 1982 and received a Graduate Gemologist in Residence from The Gemological Institute of America, New York in 1984. He was the head Lapidary for Kremetz Gemstones in New Jersey, after which he continued with his own business: "Uniquely K Custom Gem's."

Each and every one of his designs is an original and each uniquely faceted gem is created "on the fly." He is the Ultra Tec representative in the Sedona, Arizona area and teaches faceting for those interested in learning to facet.

The Club meeting will feature member displays, closing with the monthly raffle of rock and mineral specimens. Visitors and guests are welcome. – *Evelina*



Heather, Peggy,
Pat, and Tom

October Birthstones

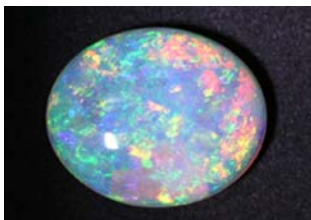
Michael Silberhorn – 2nd Vice President

Opal and Tourmaline

Hi everyone. The season for some great collecting sites is fast approaching. October is a great month to get out and collect.

The birthstones for the month of October are Opal and Tourmaline.

Opal is a hydrated silica material with a hardness of 5.5 to 6.5 on the Mohs hardness scale. It is composed of microscopic silica spheres that are bonded together with water and additional silica. These stones can be delicate, as the water in an Opal can evaporate, creating cracks in the stone called “crazing.” Some, but not all Opals, show a play of colors known as “fire.” This is caused by the minute silica spheres being packed in a formation uniform enough to cause light diffraction.



The name Opal comes from the Latin word “opalus” and the Sanskrit word “upala,” meaning “precious stone.” Common opal forms in many colors, is found worldwide, and shows no play in color. Precious Opals are mined mostly in Australia and Ethiopia with the Ethiopian Opal being the more stable of the bunch.

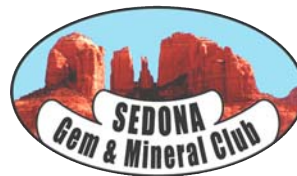
Opals have been treasured for a long time – Precious Opals were mined in the former Czech Republic at least as long ago as the fourteenth century and also have many beliefs associated with them for good and bad luck.

Tourmaline is a complex aluminum borosilicate with a hardness of 7.0 to 7.5 on the Mohs hardness scale. Its crystal pattern is hexagonal (trigonal) with prismatic crystals and striations running parallel to the main axis. No other gemstone has such a wide variations in colors – they can be red, pink, yellow, brown, black and various shades of green, blue and violet. The most popular are Black and a mix of green and pink called “Watermelon Tourmaline”.



One interesting fact about Tourmaline is that heating and cooling, or rubbing a Tourmaline crystal can cause it to become electrically charged, with one end positive and the other negative. When charged, the crystals will attract dust particles and even small bits of paper. This property is known as pyroelectricity (from heat) and piezoelectricity (from friction). There are many healing properties associated with Tourmalines depending on their color.

Hope your month has been great and see you next time. Happy Rockhounding. – *Mike*



Sedona Gem & Mineral Club Membership Application (please print)

Name ↑

Address ↑

City ↑

State ↑

Zip ↑

Phone Number ↑

Email Address ↑

Membership Desired (please check one):

Individual Membership – \$15.00

Family Membership – \$25.00

Junior (9-18) Membership – \$5.00

For a family membership, list all names below: ↓

How should the names read on the badge(s): ↓

How would you like to receive the club newsletter?

Email (color) -or- Postal Service (printed in B&W)

Do we have your permission to share your personal information from this form (address, phone number, email) with other club members only?

Yes No

Please mail this application (or bring it to a club meeting), with your dues to:

Sedona Gem and Mineral Club
PO Box 3284, Sedona, AZ 86340

For questions please call: Nadine Cummins at:
480-375-0982 or Email: nadinecum@msn.com

Regional Gem Shows

October 2015

West Valley Rock & Mineral Club

9-11 – Buckeye, Arizona

Helzarockin' Rodeo Arena, 802 North 1st Street, Miller Road. Friday 9:00 a.m. to 4:00 p.m., Saturday 9:00 a.m. to 4:00 p.m., Sunday 9:00 a.m. to 4:00 p.m. Admission is \$3.00, children under 12 are free. Raw rock material for lapidary enthusiasts, gems, jewelry, minerals, fossils, beads and cabochons for sale. Saturday there will be demonstrations and a raffle. Kids enjoy a free rock scavenging hunt daily. Snacks and beverages available. Contact: Lara Serbin, phone: 602-405-2926, email: lara@serbinstudio.com, website: www.westvalleyrockandmineralclub.com.

Huachuca Mineral and Gem Club

10-11 – Sierra Vista, Arizona

Cochise College, 901 N Colombo Ave. Saturday 9:00 a.m. to 5:00 a.m., Sunday 10:00 a.m. to 4:00 p.m. 41st Annual Gem, Mineral and Jewelry Show. Free admission, free parking, handicapped accessible, and child friendly. Vendors inside and outside, largest selection of geodes around (free cutting with purchase). Raw and finished stones, finished jewelry, jewelry-making supplies, beads, and lapidary supplies. Hourly raffles (proceeds go to scholarship/educational funds). Contact: Maudie Bailey, 520-378-6291 or 520-249-1541, email: gmbailey@msn.com, website: huachucamineralandgemclub.info

Sedona Gem and Mineral Club

17-18 – Sedona, Arizona

Sedona Red Rock High School, 995 Upper Red Rock Loop Road. Saturday 10:00 a.m. to 5:00 p.m., Sunday 10:00 a.m. to 4:00 p.m. Adults \$3.00, children under 12 free. 16th annual show and sale, indoors and outdoors, 40+ dealers, displays, Kids Corner, hourly and grand raffle prizes, minerals, agates, gemstones, copper, jewelry, lapidary tools and supplies. Contact: Marge Schwartz, 928-821-3900, email: bschwarz13@msn.com, website: www.sedonagemandmineral.org

High Desert Helpers Inc.

Oct. 30 – Nov. 1 – Black Canyon City, Arizona

High Desert Park, 19001 E. Jacie Lane. Daily 9:00 a.m. to 4:00 p.m. Admission is free. 39th Annual Rock-A-Rama Gem & Mineral Show – family friendly, outdoor, free admission and ample parking. Features 30+ vendors and dealers, minerals, gem stones, jewelry, fossils, crystals, tools, equipment, books, lapidary supplies, gold panning, beading, wire wrapping, faceting, stone carving, gem setting, raffle, rock identification, hourly door prizes, plus food and beverages. Contact: Susan Marley, phone: 623-295-1970 or email: riverdiva@gmail.com

November 2015

Payson Rimstones Rock Club

21-22 – Payson, Arizona

Payson High School, Longhorn Gymnasium at the corner of W. Longhorn Rd. and S. McLane Rd. Saturday 9:00 a.m. to 5:00 p.m., Sunday 10:00 a.m. to 4:00 p.m. Students, adults and seniors \$2.00, children under 12 free. Gems, minerals, fossils, lapidary equipment, jewelry and jewelry findings, slabs or rough material, plus gold prospecting equipment and displays will be available from our vendors. There will be an education center with a geologist to answer questions, a Spinning Wheel (where everyone wins a rock), a magnificent fluorescent mineral display, with beading and sandstone painting as well. A silent auction area for those persons interested in obtaining beautiful minerals and rocks is available too. All our proceeds go toward supporting scholarships for graduating Payson High School students and students who are residents of Northern Gila County attending a college of their choice. Contact: Margaret Jones at 928-970-0857; email margieaberry@gmail.com

Apache Junction Rock and Gem Club

21-22 – Apache Junction, Arizona

Apache Junction High School Cafeteria, 2525 South Ironwood Drive. Saturday 9:00 a.m. to 5:00 p.m., Sunday 10:00 a.m. to 4:00 p.m. Adults \$3.00, seniors \$3.00, students \$1.00, and children are free. Activities for kids, free rock collection for kids, food service, jewelry, gems, beads, Opals, Cabochons, slabs, rocks, minerals, fossils, gem-tree-making activity for all ages. There will also be a raffle, silent auction, and jewelry-making supplies and equipment available. Contact: Phil Gadd, 503-705-3933; email: mmpdg16@msn.com; Website: www.ajrockclub.com

Wickenburg Gem and Mineral Society

28-29 – Wickenburg, Arizona

Wickenburg at 251 South Tegner Street. Saturday 9:00 a.m. to 5:00 p.m., Sunday 10:00 a.m. to 4:00 p.m. Admission is FREE! Start your Christmas shopping early. 40 plus dealers, high end jewelry, Southwest jewelry, gems (loose and set), minerals, fossils, equipment, lapidary supplies, slabs, rocks (small, large or by the bucket), carvings, beads, geodes, crystals, Gold and Silver. There will be a Fluorescent Room, demonstrations (faceting and cabochon), and hourly door prizes, raffles and food court. Admission is free. Contact Beth Meyerson: 208-540-2318; email: myerbd@gmail.com; Website: wickenburggms.org

October Field Trip

- **Date:** Saturday, October 24, 2015
- **Meeting Time and Place:** Information at the club meeting.
- **What to Collect:** Petrified Wood
- **Trip Leader:** Michael Silberhorn, cell phone 928-301-1761 or mustangmikefl@gmail.com



The SGMC 2015 Board of Directors & Committee Members

Board of Directors

President - Marge Schwartz: 928-203-0356
Past President – Pat McMahan: 928-300-8333
1st V.P. (Programs) - Evelina Dunton
2nd V.P. (Field Trips) - Mike Silberhorn: 928-284-4220
Treasurer - Ted Schultz
Secretary - Pam Koch
Director - Bill Schwartz
Director - Tom Helgeson

Committees

Education - Mark Moorehead
Historians - Ted and Barb Schultz
Membership - Nadine Cummins: 480-375-0982
Newsletter Editor - Ray Topp: 928-284-1570
Refreshments - Amy Koba
Show Committee - Vacant (volunteers welcome)
Sunshine - Mike Silberhorn: 928-284-4220
Webmaster - Patti Polk



The Sunshine Man

Mike Silberhorn is our Sunshine Man, and if you know of anyone who needs some sunshine in our club, please contact him at: 928-284-4220