

# Sedona Red Rocking News

## Sedona Gem and Mineral Club

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



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

September 7, 2017

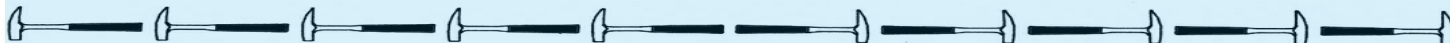
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Member: American Federation of Mineralogical Societies

Member: Arizona Coalition of Rock Hound Clubs

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## President's Message

Mark Moorehead



Welcome back fellow Sedona Gem and Mineral Club members! I hope you all had a great summer. It's great to be back to begin our most exciting 2017-2018 year. In addition to

our club hosting the best Gem and Mineral Show in Arizona in October we also have, thanks to our fabulous Programs Director Evelina Duncan, a great line up of speakers for our monthly meetings. This feature of our meeting provides the mental stimulation we all crave. And, to make these presentations even more enjoyable I'm adding freshly brewed hot coffee (regular and decaf) to our snack table.

Bring a guest to our Ice Cream Social at this coming September 19<sup>th</sup> meeting at the Sedona Public Library (starting 7:00 PM) and let them know our regular meetings include:

Show & Tell specimen presentations; table space for members selling beautiful rocks, jewelry creations or equipment (in compliance with our rules);

Talented Speakers and the finest monthly raffle west of the Mississippi.

If you bring a guest you'll increase your odds of winning a raffle prize by receiving free raffle tickets. Or, if you bring a snack or samples for Show & Tell you'll receive a free raffle ticket. That makes three ways to receive free Raffle tickets!

Another big draw to our club is the lapidary and jewelry related classes taught by experts for a nominal fee. This Program year of 2017-2018 we offer Silver Smithing, Wire Wrapping, Lapidary Basics and Seed Bead Basics classes. This year class fees are due when you sign up and are non-refundable. Finally, we have our monthly Field Trips all over the state including the big trip to Tucson for the annual Tucson Gem and Mineral Show held in January and February. Some of our Field trips will be coalition Field Trips in which we tag along with our other Rock Clubs to destinations you don't want to miss.

***We need your help. For the October Gem and Mineral Show, we desperately need a Show Chair for Kids Adventure and Security and Signs, and a co-chair for Club Member Show Displays (Dave Maple welcomes your help with set up), Co-Chair for Field Trips (Dave Maples welcomes you again) and NEW Chair for Club Membership. The Show positions end with the show and you'd be a much-appreciated member of the team. Remember, 80% of our budget relies on Show revenue Call me (928-274-4450) or email at [fifthestate23@gmail.com](mailto:fifthestate23@gmail.com) but do it soon. Thanks! – Mark***

# Sedona Gem and Mineral September Meeting Program: Member Night

By Evelina Dunton



The Sedona Gem and Mineral Club's next Meeting is **Tuesday, September 19<sup>th</sup>, 7:00 PM at the Sedona Public Library's Si Birch Community Room.**

Our September program is **Member's Night** where we are all

encouraged to share our summer adventures of collecting rocks, minerals and fossils plus any fantastic jewelry creations or special projects. Members can bring their show-and-tell displays and regale us with a short story of their fabulous finds. There will be a couple of impromptu presentations of 5-6 minutes each. All members are encouraged to participate and join in the fun and get reacquainted with one another!

The September meeting is also known for the special Ice Cream Social. Several flavors of ice cream - vanilla, strawberry, chocolate, etc. - with a great assortment of toppings. Build your own treat! Bring your "sweet tooth" and "sweet gems" and be prepared for an incredible evening. Sedona Rocks!



# Classes! Classes! Come Join a Class!

By Nadine Cummins

Once again we will be offering classes for our members. These will include: Beginning and intermediate silversmithing, wire wrapping, seed beading, and introduction to lapidary. We have a great team of talented instructors as part of our membership who give their time back to the club to help educate their fellow members.

If you are interested in one of these classes contact the instructors for more information on a date for the class or come to our next meeting. Most of these classes are \$30.

We are also looking for others who would be willing to share their knowledge to teach a class. If you are interested in sharing your talents, please contact Mark Moorhead at 928-274-4450.

*Beginning & Intermediate Silversmithing:*  
George Neilson (928-282-4994)

*Wire wrapping:* Amy Koba (928-451-6339)

*Seed Beading:* Marge Schwartz (928-203-0356)

*Introduction to Lapidary:* Pat McMahan  
(928-300-8333)

## September Field Trip – Ash Fork, AZ Quarry! By Dave Maple



I'm happy to inform everyone that the field trip for September 2017 is the Ash Fork, Arizona quarry, located about a 90 minutes drive

from Sedona near I-40 and AZ 89 Highway. Onyx, a banded variant of the oxide mineral chalcedony with a vitreous luster, is the prevalent rock at the quarry. If time allows we will also go to the obsidian dig site near by.

Sign-up for the rock hounding excursion will take place at the September 19th meeting or let me know by e-mail.

Email: [sceptor11@aol.com](mailto:sceptor11@aol.com)

Phone: 206-707-2112

## September Birthstone: The Sapphire



**Sapphire**  
September  $Al_2O_3$

1 H	2 He																	18 Ar	19 Ne	20 Kr	21 Xe	22 Rn																	
3 Li	4 Be																	13 Al	14 Si	15 P	16 S	17 Cl	18 Ar	19 Ne	20 Kr	21 Xe	22 Rn												
11 Na	12 Mg	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr	37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe				
19 K	20 Ca	39 K	40 Ca	57-78 La	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn	87 Fr	88 Ra	89-102 Ac	103 Lr	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Uun	111 Uuu	112 Uub	114 Uuq	115 Uup	116 Uuq	117 Uup	118 Uuo		
37 Rb	38 Sr																	113 In	114 Sn	115 Sb	116 Te	117 I	118 Xe	119 Fr	120 Ra	121 Ac	122 Th	123 Pa	124 U	125 Np	126 Pu	127 Am	128 Cm	129 Bk	130 Cf	131 Es	132 Fm	133 Md	134 No
* Lanthanide series		57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb																								
* Actinide series		89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No																								

**September (Sapphire):** allegedly protecting those close to you and inspiring loyalty and trust, sapphires are very similar to rubies in structure. With the same trigonal crystal structure based on aluminum and oxygen, sapphires can have trace amounts of a variety of elements, including iron, titanium, copper, magnesium or even (like rubies) chromium. Just as hard but with a color *other* than red as their primary hue (most often blue), sapphires occasionally contain inclusions of titanium dioxide that leave a six-pointed streak throughout the gem. In this case, they're known as "star sapphires," and double-inclusions can leave a 12-pointed effect. Iron and chromium together yield the violet/blue color most sought after in a sapphire. Sapphires can be quite large, at hundreds or even over 1,000 carats.



**2017  
Membership Application**  
(Please print clearly)

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

**Membership Desired (Check One)**

- Individual - \$15.00  
 Family - \$25.00  
 Junior (9-18) - \$5.00

If family membership, please list the names below:

**How should your name to read on your badge? (New Members):**

**What type of backing do you want on your badge?**

- Pin back  
Magnetic back

**Mail this application with your dues to:  
Sedona Gem & Mineral Club  
PO Box 3284  
Sedona, AZ 86340**

Mail to the above address, or bring to our next meeting

**Questions?**

Call

Nadine Cummins: (480) 375-0982  
Mark Morehead: (928) 274-4450  
[www.sedonagemandmineral.org](http://www.sedonagemandmineral.org)

The Sedona Gem and Mineral Club newsletter is published during the months of January to May and September to December.

If you have questions or comments about the newsletter, contact Galen Worthington at [gaviator47@yahoo.com](mailto:gaviator47@yahoo.com)

## SG & MC 2017

Board of Directors  
Committee Members

**Board of Directors:**

President: Mark Moorehead (928-274-4450)  
Past President: Marge Schwartz (928-203-0356)  
1<sup>st</sup> Vice President (Presentations): Evelina Dunton  
2<sup>nd</sup> Vice President Dave Maple (206-707-2112)  
Treasurer: Bill Schwartz  
Secretary: Pam Koch  
Director: Pat McMahan  
Director: Tom Helgesen

**Committees:**

Field Trips: Dave Maple (206-707-2112)  
Membership & Classes: Nadine Cummins  
Historians: Ted & Barb Schultz  
Education: Nadine Cummins & Mark Moorehead  
Raffle: Tom Helgesen  
Refreshments: Amy Koba  
Newsletter: Galen Worthington  
Webmaster: Patti Polk  
Social Chair: Angie Maiorano

### Sunshine & Birthstones:

**Judy Feldman is our club's sunshine lady.**

**If you know anyone who needs sunshine, please contact Judy at  
928-284-3534**