



The Apache Junction Rock & Gem Club, Inc.

SMOKE SIGNALS

Nov 2009

Officers of the Apache Junction Rock & Gem Club, Inc.

President:	Gene Christiansen	480-474-0484 chris1033@yahoo.com
Vice-President:	Sharon Louros	480-983-5585 anthonysharon9@msn.com
Secretary:	Barbara Bayer	480-832-3561 babrillhart@msn.com
Treasurer:	Kelly Iverson	480-325-2705 steameng@cox.net
Trustee:	Pat Wallace	480-598-8709 rosebud116@aol.com
Trustee:	Brent Staker	480-298-1359 gbstaker@yahoo.com
Trustee:	Bill Jonas	425-931-4432 billjon63@yahoo.com

The Club meets on the second Thursday of every month October thru April at 7:00 pm at the Desert Chapel United Methodist Church, 462 N. Palo Verde, Apache Junction, AZ

Club Dues - \$10 per new member with a \$10 one time fee for a badge. Renewals are \$10 per member. This may be paid at the general meeting or by mail to Ron Ginn, 691 N. Velero St., Chandler, AZ 85225.

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Pictures from the Past

President's Message

Next Meeting – December 10, 2009

Christmas Potluck

Meeting Minutes November 2009

Apache Junction Rock & Gem Club General Meeting Minutes 11-12-09
 Submitted by Barbara Bayer, secretary

- The meeting was called to order by the vice president at 7:05 pm.
- Mr. David Morris, Visitor Services Coordinator of the Pueblo Grande Museum in Phoenix, made a presentation and demonstration of "Rock Art" (petroglyphs).
- New members and visitors were introduced to the club.
- The vice president called for a volunteer committee for club activities. Members would be asked about the interests through a survey and sign up sheets.
- Norma Norwood is the Nominating Committee chair for club officers for the year of 2010. The officers needed will include vice president, secretary, treasurer, and one trustee. It is ideal that two names be presented for the election of each office.
- Natalie Kirmiel, Hospitality Chair, thanked the members who contributed to the refreshments for the meeting. She is developing a sign up list for the monthly meetings so members can sign up to contribute refreshments.
- Mrs. Jones made the motion that the members vote, retroactively, on Life Membership status within the club. A list of approximately 12 club members

was announced by Mr. Ginn for life membership. The list include member, Beverly March. The motion was seconded and passed with yes votes (49) to no votes (0). The vice president will write Ms. March regarding life membership.

- Mrs. Zahm has sent a sympathy card to the family of Butch Brooker. She circulated a card for Brent Staker, who is ill.
- Mr. Jones made the motion that Mr. Harry Warren, Honorary Member and long time club member, have voting privileges. The motion was seconded and passed unanimously.
- The current By-Laws and Constitution of the club is under current revision. Once the revision is complete, these documents will be presented to the Membership for a vote. They require a 2/3 vote of the membership to be accepted.
- There is a problem with adequate space at the church for our annual Christmas Party. Another group uses part of the hall every Monday, Tuesday, Wednesday, and Thursday evening. The church uses the hall on some Fridays. The vice president will contact the church to see if the Christmas party can be scheduled.
- Bill Jonas made the motion that the annual club dues be \$25 for one person or \$35 for a family, a \$10 badge would be required, lapidary shop fees would be \$50 per year or \$0.50 per inch for use of the 18" and 24" saws with a \$2.00/hour shop fee. Also if the newsletter is mailed within the United States, the charge would be \$15 per year. Discussion was held on this motion by the members. The treasurer reported that the costs of printing and mailing the newsletter for the year was \$15. Mr. Jonas revised his motion to exclude the newsletter mailing fees as the new By-Laws and Constitution are under revision and not yet voted upon. The motion to revise the lapidary shop fees was seconded, the vote was (10 yes) (27 no). The motion did not pass.
- Mr. Warren distributed rocks to the members and announced the next field

trip would be to a uranium mine. Please contact Mr. Warren at rockharry@aol.com if you wish to participate in the field trip.

- The meeting ended at 9:15 pm

Article of the Month

Mohs' Hardness of Abrasives

Material	Mohs' Hardness
Alumina (Synthetic aluminum oxide)	3.4
Aluminum oxide	9
Alundum (Fused brown Al₂O₃)	9.0
Amalgam	4 - 5
Anatase	5.5 - 6
Apatite	5
Barium sulfate	3
Boron carbide	9 - 10
Burundum	9+
Calcite	3
Chalk (calcium carbonate)	3
Chrysoberyl	8.5
Copper slag	7
Corundum (Natural aluminum oxide)	9
Crystolon (SiC)	9.0
Cuttlebone	7
Dentin	3 - 4
Diamond	10
Diopside	5 - 6
Emery	7 - 9
Enamel	5
Enstatite	5.5
Feldspar	6
Fluorite	4

Furnace slag	7
Garnet	6.5 - 7.5
Glass Bead	5.5
Glass (lead free)	7
Gold	2.5 - 3
Gypsum	2
Hematite	5.5 - 6.5
Kyanite	4 - 7
Magnetite	5.5 - 6.5
Olivine	6.5
Orthoclase	6
Petalite	~ 6
Plastic media	3 - 4
Porcelain, feldspathic	6 - 7
Pyrite	6.5
Pumice	6
Quartz (Silica sand)	7
Serpentine	2 - 4
Silica sand	6 - 7
Silicon carbide	9 - 10
Sillimanite	6 - 7
Soda (Sodium bicarbonate)	2.5
Specular hematite	7 - 7.5
Spinel	~ 8
Spodumene	6 - 7
Staurolite	7.0 - 7.5
Steatite (Soapstone)	1 - 2.5
Steel grit	RC= 42 - 62
Steel shot	8 or RC= 42 - 50
Strontium titanate	5 - 6
Talc	1
Topaz	8
Titanium dioxide, Anatase	5.5
Titanium dioxide, Rutile	6.5
Tungsten carbide	9
YAG	~ 8 1/4
Zinc sulfide	3
Zirconia	8
Zirconium silicate (Zircon)	6.5 - 7.5

Field Trip Reports

None

Rock Shows in November & December

November

40th Annual Gem & Mineral Roundup
Community (Aquatic) Center, Relics & Rods
Hall, 100 Park Ave., Lake Havasu City,
AZ 86404

Sponsored by: Lake Havasu Gem & Mineral
Society

Website: www.lakehavasugms.org

Hours: Sat. 9-5, Sun. 9-4

Admission and parking: Free

Show Chairpersons: Ruth De Woody &

C. Russell, showchair@lakehavasugms.org

November 28-29, 2009 Wickenburg

9th Annual Gem & Art Fair,

Wickenburg Community Center,

160 N. Valentine St., Wickenburg, AZ 85390

Sponsored by: Wickenburg Gem & Mineral
Society

Over 40 vendors, with gems, minerals, jewelry,
artists, photo exhibit, door prizes, grab bags,
spinning wheel, food and more

Raffle drawing Sunday: Tickets \$2 ea. or 3/\$5

Admission and parking: Free

Hours: 9-5

Show Chairperson & Dealers Contact: Beth

Myerson, 21825 W. Date Creek Rd.,

Wickenburg, AZ 85390, 928-684-0380,

myerbd@gmail.com

November 28-29, 2009 Bisbee

Bisbee Mineral Show

Sponsored by: City of Bisbee, Bisbee Mining

Historical Museum, and Bisbee Chamber of
Commerce

Hours: Sat., Sun., 9-5

Website: www.queenminetour.com

Phone: 520-432-2071

December

December 5-6, 2009 Green Valley
Green Valley Lapidary Arts & Crafts Fair
West Social Center, Green Valley, AZ
Sponsored by: Green Valley Lapidary and
Silversmith Club
Hours: Fri. 9-4, Sat. 9-3
Admission: Free
www.gvrlapidaryclub.com/craftschedule.htm

December 11-13, 2009 Tombstone
Tombstone Gem Show's 1st Annual
Miners' Mania
Tombstone Territories RV Resort, 2111 E.
Hwy. 82
Sponsored by: Rhinestone Cowboy,
520-457-9505,
Website: www.tombstonegemshow.info
Admission & Parking: Free

Lapidary Shop

Location: 5130 E. Superstition, Apache
Junction, AZ

Manager: Bill Jonas

MONITORS:

Monday: Walt Gasiorek 862-266-7349

Tuesday: Richard Porrett 248-760-9150

Wednesday: Vacant

Thursday: Scott Stevens 219-308-7965

Friday: Brent Staker 480-298-1359

Fill-in Monitors: Wally Frlich 480-982-7760

Jerry Gervais

Other News of Note

The American Legion gave our trip leader,
Harry Warren a great honor on Sat., Nov 7,
naming him to carry the American Flag on
Veterans Day in the Apache Junction
Parade on Wednesday, Nov 11.

For Sale or Wanted

24" rock saw for sale \$350.00. Saw blade is in
very good shape and worth the asking price.
The saw had to be moved and the only way it
could be moved was to take it apart.
Hilde Zahm 480-659-4950