

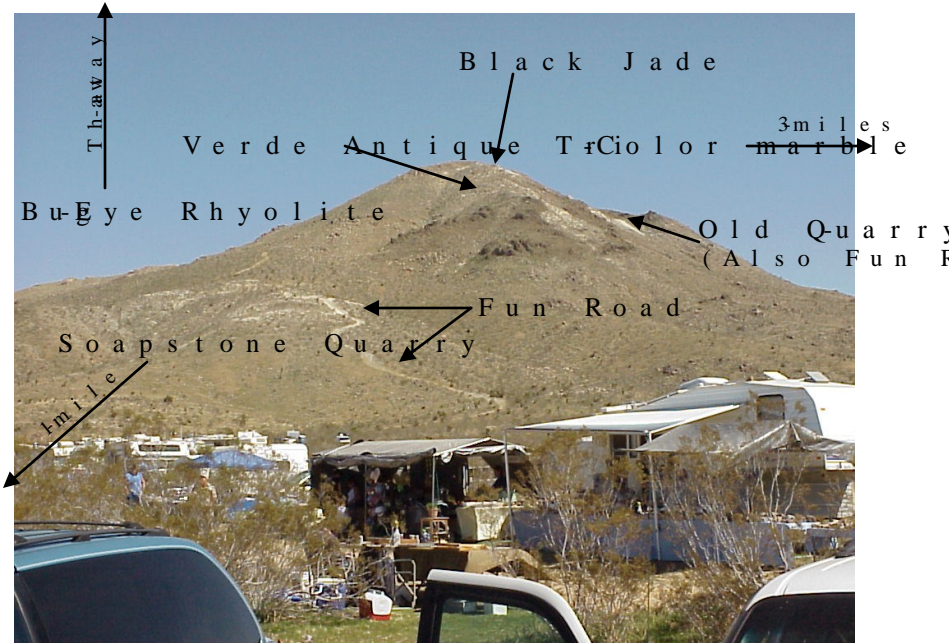
WHITTIER

# ROCKHOUNDER

GEM & MINERAL  
SOCIETY

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General Meeting: February 23  
"Field Trip Vignettes"



Stoddard Wells Tailgate with Sideview  
Some features have been marked

# ROCKHOUNDER

## THE PREZ SEZ:

February already, and it is  
Message. This early in the year  
to share with you. Elsewhere  
article about the program for  
meeting. I look forward to see  
possible at the meeting on up the  
on our next club field trip.  
field trips without fearing the

In the back of our newsletters  
local shows being put on by others  
of keeping us apprised of the  
occasionally avail yourself of  
nearby shows to see what others  
attend a show, be sure to in  
WGMS. While on the subject of  
of you made it to Quartzite in  
to attend this year, so we look  
from those of you that did make

At our next Board Meeting we will  
a show this year. Once that field  
is selected, we will pick a theme  
theme as soon as possible. We  
stepping forward to offer cash  
possible to begin thinking about

Without anything else to report  
the Whittier Community Center.

C t v

### WGMS General Meeting

Thursday, February 23, 2012

at 7:30 PM

### "Don & Jay's Field Trip Vignettes"

Don Ogden and Jay Valle are presenting a couple vignettes for your enjoyment.

*Octekc "Iq*



Field Trip Schedule for 2012

This is the official field trip

- Jan-22 QIA at Quartzite. Camping
- Feb-20 Stoddard Wells (Pgs 8
- Mar-14 Stoddard Wells tailgate
- Mar-25 Lavic Siding / Southern Cad
- Apr-22 Castle Butte
- Apr 2 Tourmaline mine trip (fee
- May-22 Lone—Pérrero Gordo
- Jun 1 Wrightwood (day trip)
- July Palos Verdes (day trip)
- Aug 1 Museum (day trip)
- Aug - Sdpt Snyder's Ranch
- Oct 6 Tromsæarles Lake Club show
- Nov43 Whittier Club Claim (Bars
- Nov-25 Stonewall Pass
- Dec 8 Pinto Mountains copper mi

Possible Summer trips or day t

- < Adalanto for florescent mate
- < Molycorp Rare Earth Mine
- < Gem Hill
- < Felix Mine
- < Whale Bone areas
- < Big Bear
- < Long trip to remote destinat

We are always open for suggest  
you want to visit. Also, throu  
trips to many locations and us  
you posted.

L q g " I q g v / . " H k g n f "

Demystifying The Mysterious Tahitian Black Pearl

Researched and presented by Tom Taffel, member SFGMS

There are six criteria for evaluation

- < Size
- < Shape
- < Color
- < Luster
- < Orientation
- < Surface purity and quality

These standards are as rigorous and a beautiful diamond.

Size

One of the most unique aspects of Tahitian pearls measured by their diameter in increments of 2mm. Most Tahitian pearls have been rather small, ranging from 8mm to 12mm. Pearls over 16.5mm are highly valuable. Exceptional specimens include a 20mm pearl, which can be seen in the window at Rue Jeanne D'Arc 98713, Papeete, Tahiti. This is open daily from 8:00AM to 7:00PM.

Shape

The Shape of a pearl depends on many factors, including the environment, which can affect the pearl's nature - of itself. One can find perfectly round, slightly irregular, button shape, Baroques are irregular shapes. "Ringed" is a subcategory of baroque pearls near the surface.

Perfectly round and symmetrical pearls are the most valuable. They represent at maximum 5% of the total production. While round pearls are used in earrings and necklaces, the other shapes of pearls are used in jewelry.

Color

A pearl gets its Color from the mantle tissue.

from the black luster, Pinctada margaritifera pearls, which are called Pœ Rava i basic black or gray of the Tahitian white to lunar gray/lunar blue, in astonishing hues: creamy, peacock, green. Even if peacock, green and eggplant all the colors produced by the Pinctada and richness.

**Luster**

Reflection: light bouncing off the surface acts like a mirror. The smoother the surface. This smoothness is part of what gives pearls quality known as luster. Cultured Tahitian luster. Some are so lustrous they are called "oriental". Interestingly, the luster of cultured pearls is often less than their natural counterparts.

**Orientation**

Refraction: light passing through the layers of the pearl, and reflecting back through the pearl. Some of the light is lost through these layers, the easier to see deeper into the pearl. Orient is the direction of the inside of the pearl. If the layers are curved, they act as a lens, bending the light and creating a shimmering rainbow aura which is the "orient". Reflection and Refraction combined create the "orient" to radiate iridescent light. The "orient" is like a "grating" breaking the light into a spectrum known as "Orient" the moving rainbow of colors in pearls. Interference increases surface luster, giving the impression of a "orient". In a pearl, the more these light phenomena occur, the light tends to be diffused rather than concentrated. Orient. On the other hand, the more "orient" the pearl and the more exquisite its luster.

**Surface Purity and Quality**

Quality is determined by exterior luster, sparkle or ability to reflect light and a high degree of translucency. The cultured pearl is often less than its natural counterpart.

*\* E q p v k p w g # " q p " r c i g "*

President's Day Weekend Fieldtrip  
February 18-20, 2012

I t h e s p i r i t o f t h o s e w h o i n  
Daniel Boone, Davy Crocket and  
explore. While there are things  
and see if we can find other  
of camp. Oh yea we'll be camp  
Snob Hill, but out in the fla  
Victor Valley club holds their

So, if you know you have in y  
collecting sites in the area,  
how many we can find and visit  
a later date we can spend more  
may say the area is worked ou  
erosion can bring a lot of mat

As for the known materials... t  
with mar-~~cod~~ite red marble, -ebyleu e  
rhyolite and actinolite. All o  
this area. There is also a tal  
actually quite a bit out the  
working on the Barstow Road. I  
there could be all sorts of ma  
road. The last time they impro  
petrified palm and wood.

So come on out to the fieldtr  
just a few miles away. Or if  
camp, but supplies can be fou  
much easier than that of Dani  
probably more fun.

Lost somewhere  
Y t q p i " Y c { "

# VERDE ANTIQUE AREA

APPROXIMATELY 95 MILES FROM WHITTIER

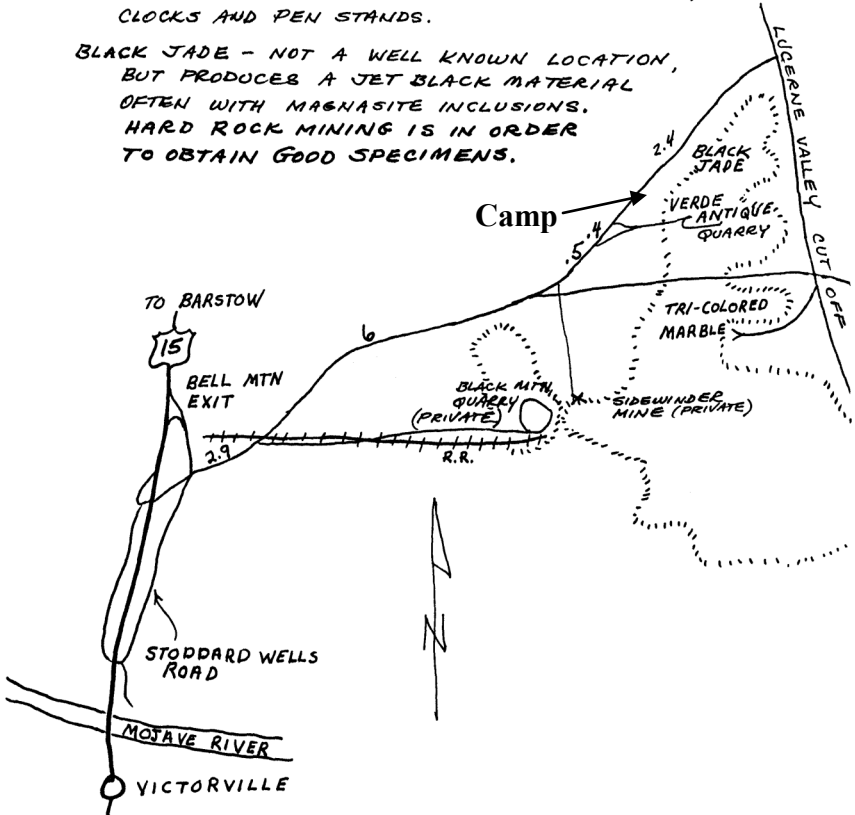
## COLLECTING MATERIAL:

VERDE ANTIQUE -

TRI-COLORED MARBLE -

THESE MATERIALS ARE EASY TO COLLECT AS LARGE CHUNKS ARE SCATTERED AROUND - SLEDGES AND GADS MAY BE REQUIRED TO BREAK UP THE EXTRA LARGE PIECES. GREAT FOR BOOK-ENDS, CLOCKS AND PEN STANDS.

BLACK JADE - NOT A WELL KNOWN LOCATION, BUT PRODUCES A JET BLACK MATERIAL OFTEN WITH MAGNESITE INCLUSIONS. HARD ROCK MINING IS IN ORDER TO OBTAIN GOOD SPECIMENS.





## FAMOUS ROCKS SCAVENGER HUNT

**Question #1:** Rushmore is one of the v  
carvings. The faces of four g  
in the side of the Black Hill  
what type of rock?

A. Granite B. Sandstone C. Lim

**Question #2:** What rock was an importa  
neers traveling to Oregon, Cal  
elers carved their names on th  
axle grease. What is the name

A. Rock of Gibraltar B. Plymou  
Stonehenge

**Question #3:** Mount St. Helens has lay  
well as andesite through which  
erupted. What is the name of t

A. Granite B. Limestone C. Qua

**Question #4:** What type of rock can be  
yon? What is the name of this

A. Sandstone B. Limestone C. S

**Question #5:** This famous rock is the  
type. What is the name of this

A. Ruby B. Sapphire C. Diamond

**Question #6:** The Taj Mahal in India w  
constructed entirely of a meta  
this rock?

A. Gneiss B. Marble C. Slate D

**Question #7:** The world's largest mass cated in Georgia. This mass wonder of the world". What is mation?

- A. Stonehenge B. Stone Mountain

**Question #8:** This famous rock format mass located on the southern the Mediterranean Sea. What is formation?

- A. Stonehenge B. Half Dome C. Point

**Question #9:** This famous rock format and white sandstone rock masse rock formation is located near is the name of this famous Roc

- A. Stonehenge B. Half Dome C. Gods

**Question #10:** The Giant's Causeway is rock columns along the north uralwonder gets its name from an old legend. What type of igne - ous Rock is found in this form

- A. Basalt G. Granite C. Obsidi

Xkc " Vkorcpqiqu " Igo " ( " Okpgtcn " U

ANSWERS :  
1A;-C2-D3-B4-C5-B6-B7-C8-D9 -A10

Demystifying The Mysterious Tahitian Black Pearl

\* E q p v k p w g 9+ " h t q o " r c i g "

of high purity and rare quality wh  
licensed producers .

The temperature of the water dictat  
the pearl. Warm waters promote the  
cooler water makes for finer and th  
margaritifera prefers the warm wate  
Islands, the Pifnicntea dlaa yperrosd uocfe sa rualgtorn  
makes up the inner lino- n g a o f " t h e w d  
pearl itself. A Tahitian pearl has  
depending on the length of time the  
extremely thin and has the appearanc  
situated to the south of Tahiti wh  
acquire a particularly fine luster a

Care and Feeding

Long Term Care of your beautiful bl  
much thinner surface than white pea  
dehydration. Your pearls should be  
water or ocean water. Mineral water  
water. Af-theorura sgoaokdi n2g4, rinse well t  
Be sure to store your pearls away  
scratch them.

If you're traveling to French Polyn  
(Bora Bora in particular) the most  
Michener), you should take advantag  
unique, rare and beautiful gems. In  
about four times -mto h e n i t r e d c o s u l t . t u F a l d i t p i  
from all customs duties and entry t  
free).

The duty free status for Tahitian b  
System of Preference as goods con  
underdeveloped country. According t  
apply is when the pearls are loose.  
together there is a 16% local tax a  
Tahiti. Upon arrival in the U.S. yo  
free items (set black pearls, perfu  
this amount, there's a 3% tax per th  
j v v r < 1 l y y y 0 u h i o u 0 q t i l c t v k e n g u l d n m v c j

The Mother Lode Mineral Society of California

# ROCK & GEM SHOW

## March 10th & 11th

Saturday & Sunday 10am to 5pm

Admission \$6.00 adults, 12 & under free  
with paid adult

- NEW Jurassic Park Display
- Dinosaur & Fossil Exhibits
- Gem & Mineral Dealers
- Jewelry, Beads & Tools
- Demonstrations
- Great Food
- Education Exhibits
- Fluorescent Display
- Kids Activities



### Stanislaus Fairgrounds in Turlock

900 North Broadway Turlock, CA

[www.turlockgemshow.com](http://www.turlockgemshow.com)

Contact: Bud & Terry McMillin 209-524-3494

### The Digital Rockhounder

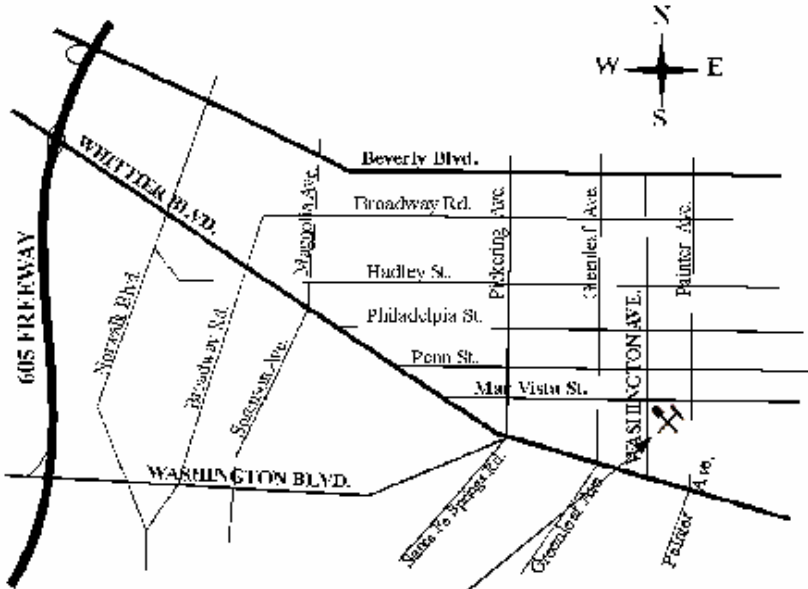
This Newsletter is available online at [www.turlockgemshow.com](http://www.turlockgemshow.com). If you wish to receive the WGMS Rockhounder newsletter, please email [des19pnb@erizon.net](mailto:des19pnb@erizon.net).

Editor

**Upcoming CFMS Gem Shows**

- Feb 17-26** **INDIO, CA.** San Gorgonio Mineral & Gem  
 Gem & Mineral Building, Bldg #  
 Hours: 10:00 daily  
 Email: [hdrt67@verizon.net](mailto:hdrt67@verizon.net)
- Mar 5-6** **ARCADIA, CA.** Monrovia Rockhounds, In  
 LA County Arboretum, 301 Baldw  
 Hours: 9:30 daily  
 Website: [www.Moroks.com](http://www.Moroks.com)
- Mar 3-4** **VENTURA, CA.** Ventura Gem & Mineral S  
 Ventura County Fairgrounds 10  
 Hours: 9:55 - 4:10  
 Website: [www.vgms.org](http://www.vgms.org)
- Mar 9-11** **VICTORVILLE, CA.** Victor Valley Gem & M  
 Tailgate at Verde Antique Quar  
 Bell Mountain / Standard Well ex  
 Hours: 9:00 - 5:00 daily  
 Website: [www.vvgmc.org](http://www.vvgmc.org)
- Mar 10-11** **PASADENA, CA.** Pasadena Lapidary Soci  
 Masonic Hall, 3130 Huntingt  
 San Marino, CA 91108  
 Hours: 9:00 - 6:00, Sat 9:00 - 10:00
- Mar 10-11** **TURLOCK, CA.** Mother Lode Mineral Soc  
 Turlock Fairgrounds, 900 North  
 Website: [www.turlockgemshow.com](http://www.turlockgemshow.com)
- Mar 16-18** **SAN BERNADINO, CA.** Orange Belt Mineral  
 Western Regional Little League  
 6707 Little League Drive, 9am  
 Website: [www.obmsrocks.yolasite.com](http://www.obmsrocks.yolasite.com)
- Apr 28-29** **LANCASTER, CA.** Antelope Gem & Mineral  
 Lancaster High School 4444 W  
 Hours: 9:00 - 5:00 daily  
 Website: [www.avgem.weebly.com](http://www.avgem.weebly.com)

WGMS MEETING LOCATION!  
Whittier Community Center  
9 8 Washington Ave. Whittier



MAR VISTA & WASHINGTON AVE.  WHITTIER COMMUNITY CENTER

Editor: Jay Valle, 1421 Latchford Avenue  
 Home: (909) 691-1141: @vst9pb.net  
 Bulletin exchanges are welcome and should be sent to

Affiliations



California Federation of Mineralogical Societies  
 American Federation of Mineralogical Societies  
 Special Congress Representing Involved Bulletin Editors



**Whittier Gem and Mineral Society, Inc.**

Post Office Box 86550 Whittier, California 90608

Editor: Jay Valle, 1421 Latchford Ave.

Hacienda Heights, CA 91745

**Date: February 23, 2012 at 7:30 PM**  
**Location: Whittier Community Center**  
**(See page 4 & 15 for info & map)**