

# NOC GEM & MINERAL SOCIETY NEWS

Vol. 30 No, 8

October 2011

## President's Message

*by Frank Winn, President*

Due to the resignation of Dave Swanston as President our executive board met on September 19th.

The board nominated, voted for Frank Winn to fill the remainder of the term of president. It also nominated, and voted for Don Ogden to fill the remainder of Frank's Director term.

The board discussed and reached agreement that when Don Eschbach resigns:

1. Nancy Byrd, secretary would take over his position as First Vice President.
2. Susan Hansen would then take the Secretary position when it becomes vacant.
3. And a person to fill Susan's Director's position to be selected.

This will involve another board meeting after the October meeting to officially appoint the vacant positions.

The NOC & Whittier club field trip to the Whittier Claim is coming on October 22 and 23. This is always a fun expedition. Saturday 8 a.m., we meet at Penny's diner or the Whittier Claim using our cell phones to get to the overnight campers in our caravan. There is a "potluck" dinner at Peggy Sue's restaurant each trip and a campfire depending on the weather. Some of us always stay at the Oak Tree Inn with the railroaders. Map and information is on page 9.

We are also looking forward to the auction in November. Items for the auction will be needed in November.

The December dinner meeting is coming soon.

## NOC Club Activities

Board Meeting - TBD

Field Trip - Oct. 22 - 23

Class - Oct. 18 - 6 - 9 p.m.

Deadline for NOC News - Oct. 17

## Programs

*by Don Eschbach*

Oct. 11 - Leslie Neff & Larry Hoskinson.

A tourist's guide to finding opal in Coober Pedy, Australia. Larry will give a demonstration on how to find opal using a black light. There are also samples of rough and finished opal, books, and maps. Questions are encouraged.

## Refreshments

*by Nancy O'Conner and Clyeda Tezak*

Thanks to Kim Winn and Teri Heuer for bringing the goodies to the September meeting. Kathy Eschbach and Susan Hansen will bring the goodies to the October meeting.

## Members in the News

HAPPY BIRTHDAY and have a wonderful day all of you who were born in October.

### Members in the news in **October**

MishaFarinech	Jann Cohen
Susan Hansen	NancyO'Conner
Yolanda Schirer	Ted Heidke
Thomas Szczeszinski	Ofelia Warthen
Frank Winn	Kim Winn

Your gemstone is Opal or Tourmaline  
Your flower is Calendula or Cosmos

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## Shows and Events

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### October 8-9 - TRONA, CA

Searles Lake Gem & Mineral Society  
13337 Main Street  
Hours: Sat; 7:30-5; Sun. 7:30-4  
Jim & Bonnie Fairchild (760) 372-5356  
Email: [slgms@iwvisp.com](mailto:slgms@iwvisp.com)  
Website: [www1.iwvisp.com/tronagemclub](http://www1.iwvisp.com/tronagemclub)

### October 15-16 - WHITTIER, CA

Whittier Gem & Mineral Society  
Whittier Community Center  
7630 Washington  
Hours: 10-5 Daily  
Marcia Goetz (626) 260-7239  
Email: [joemar1@verizon.net](mailto:joemar1@verizon.net)

### November 5-6 - LANCASTER, CA

Palmdale Gem & Mineral Club  
Antelope Valley Fairgrounds  
2551 West Ave. H & Hwy 14  
Hours: 9-5 daily  
Cheri George, (562) 243-8470  
Email: [lizardwoman3@yahoo.com](mailto:lizardwoman3@yahoo.com)  
Website: [www.palmdalegemandmineral.com](http://www.palmdalegemandmineral.com)

### October 15: WEST HILLS, CA

Woodland Hills Rock Chippers  
First United Methodist Church  
22700 Sherman Way  
Hours: 10 - 5  
Mary Beth Pio  
Email: [info@rockchippers.org](mailto:info@rockchippers.org)  
Website: [www.rockchippers.org](http://www.rockchippers.org)

### December 3-4: BARSTOW, CA

Mojave Desert Gem & Mineral Society  
Barstow Community Center  
841 S. Barstow Road  
Hours: 10 – 5 daily  
Gene Haines, (760) 256-0595  
Email: [vhaines@san.rr.com](mailto:vhaines@san.rr.com)  
Website: [www.mdgms.org](http://www.mdgms.org)

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## Mineral IQ Test

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by Anita Westlake  
from Tips & Trips, April 2011 meteor  
via *Gem Cutters News* – June-July, 2011  
via *Moroks Newsletter* October, 2011

1. What is black mica called?
2. What color streak does hematite leave on an unglazed porcelain tile?
3. What does pseudomorph mean?
4. What is the purple variety of quartz called?
5. Are diamonds found in meteorites?
6. In the mineral kingdom, what is a halfbreed?
7. Johann Wolfgang von Goethe had what mineral named after him?
8. What mineral is 4 on the Mohs Hardness scale?
9. Which mineral is a natural magnet?
10. Which is the stalagmite and the stalactite?
11. What is another name for pyrite?
12. What is a “thin section”?
13. What s the difference between magma and lava?
14. What is silver/clear mica called?
15. Is amber a mineral?
16. What are aa and pahoehoe?
17. What s the difference between a meteorite and a meteor?
18. Do meteorites come from meteor showers?
19. Where in outer space do meteorites originate?
20. Which mineral has variable hardness?
21. What is the principle use of bauxite?
22. What is “quicksilver”?
23. Why is Rancho La Brea famous?
24. What common natural glass is still used in eye surgery?

**ANSWERS ON PAGE 3.**

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### March 5-6, 2012: ARCADIA, CA

Monrovia Rockhounds, Inc.  
LA County Arboretum  
301 Baldwin Avenue  
Hours: 9 - 4:30 daily  
Jo Anna Ritchey (626) 359-1624  
Email: [joannaritchey@gmail.com](mailto:joannaritchey@gmail.com)  
Website: [www.Moroks.com](http://www.Moroks.com)

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## General Meeting September 13, 2011

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*by Nancy Bird*

7:00 Meeting was called to order by President Swanston. Don Eschbach led the Salute to the Flag.

7:05 Mary Ellen Ruiz introduced our 3 guests and reported we had 29 members present.

7:10 Don Eschbach introduced our speaker, David Svenson, who gave a talk on Diamonds.

7:55 Break

8:10 Meeting called back to order and we had the drawing.

8:20 Minutes of last meeting will be read next month.

8:25 Treasurer's report

Committee Reports

1. Federation - Loretta
2. Education - Ofelia Warthen commented on having a wonderful summer.
3. Programs-Don E. said the October meeting will be on Australian Opals.
4. Refreshments -Thanks to Clyeda Tezak filled in and Kim Winn brought donuts.
5. Field Trips - Frank Winn reported that the next treip will be Sept. 25 to Gaviota and Los Olivios, and in October to the Whittier claim.
6. Social-Nancy Bird. Kathy Eschbach had just talked with Barbara Steed and that Chalmer is doing well and is eating. Nancy Bird's revision hip surgery is Oct. 14, Mischa Farinech has lung cancer, Kim Winn will be having surgery Sept. 29, and Bill and Izzie Burns are keeping an interest in the club's doings through phone calls.

Old Business-The club received Thank You letters from our scholarship recipients which was read by Dave S.

New Business-Don Warthen covered Chamber events, no upcoming events except the Whittier show next month, and then the PRESIDENT'S MESSAGE which was a resignation letter effective immediately from Dave Swanston.

9:00 Meeting adjourned

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## Mineral IQ Test Answers from Page 2

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1. Biotite
2. Red to Brownish Red
3. False - Form
4. Amethyst
5. Yes - most notably in Canyon Diablo
6. A specimen of half silver and half copper
7. Goethite
8. Fluorite
9. Magnetite
10. Stalagmite grows up mighty from the ground. Stalactites have to hang on tight to drip from the ceiling.
11. Fools Gold
12. A wafer thin slice of a mineral or meteorite that is virtually transparent. It is placed in a polarized microscope to identify individual minerals and their crystal structures.
13. Magma forms inside the volcanic chamber lava flows outside the chamber and is visible to the eye.
14. Muscovite
15. No it does not pass one of the five characteristics of a mineral most specifically "inorganic"
16. Types of lava. Aa is named for the sound one makes when walking upon its rough surface pahoehoe is ropy lava.
17. A meteorite is a rock from space that makes it to the ground. A meteor is the LIGHT you see when the meteoroid hits the earth's atmosphere and briefly catches fire.
18. No - Meteor showers are cyclical and are the result of comet trails intersecting with earth's orbit.
19. The asteroid Belt between Mars and Jupiter
20. Kyanite
21. Aluminum
22. Mercury (the liquid metal that used to be in thermometers)
23. The La Brea Tar Pits where hundreds of animals were found preserved in tar
24. Obsidian

# Fossil Trip

*by Don Ogden*

Pictures from my Fossil Trip. It was a 7-day (August 13-19, 2011), 1978.79-mile adventure thru 5 states (AZ, CA, NV, and WY) looking for fossils.

West Desert Collectors Rock Shop and Antares Mineral & Pottery Shop info is on page 3.



Cove Fort, Utah



Tintec Mining Museum  
Eureka, Utah



- Home of the J. C. Penney's Mother Store  
Kemmer Wyoming



Zion National Park, Utah



Zion National Park



Zion National Park



Zion National Park



U-Dig Fossils Quarry, Utah



U-Dig Fossils Quarry



U-Dig Fossils Quarry



U-Dig Fossils Quarry



West Desert Collectors Rock Shop, Delta, Utah



West Desert Collectors Rock Shop, Delta, Utah



Honey Cone Calcite Heart



Trilobite



Antares Minerals & Pottery Shop, Wyoming



Warfield Fossil Quarry - Wyoming



Demo on preparing a fish fossil



Warfield Fossil Quarry - Wyoming



Deno on extraction of a fish fossil



Warfield Fossil Quarry - Wyoming



Antares Minerals & Pottery Shop, Wyoming



Fossil Butte National Monument Museum  
Wyoming



Stingray



Fossil Butte National Monument Museum



Fossil Butte National Monument Museum



Kennecott Utah Copper Mine



Kennecott Utah Copper Mine

**YEARLY PRODUCTION:**

Refined Copper	280,000 tons
Refined Gold	400,000 ounces
Refined Silver	3,500,000 ounces
Number of Employees	160

Kennecott Utah Copper Mine



Kennecott Utah Copper Mine



Walebone Field Trip (9-24-11) - High Tide



Waiting for Low Tide in the Mountains



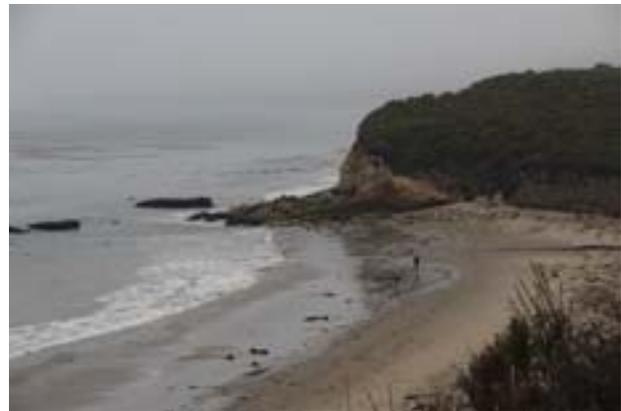
Lunch at McDonnals



Wine Tasting on the way back to the Beach



Waiting for Low Tide in the Mountains



Low Tide at Last



Waiting for Low Tide in the Mountains



Low Tide at Last

## WGMS Field Trip Whittier Club Honey Onyx Claim October 22-23, 2011

By Jay Valle

After the WGMS Show, our field trip is typically an outing to the Whittier Gem & Mineral Society's Honey Onyx Claim, located just east of Barstow. The honey onyx is still there but it is hard rock mining. If you have any or have seen it, you know that it is well worth the effort involved.

Usually we use our Claim as a base of operations for daily field trips to the surrounding collecting areas. The access to the camp area requires unlocking a combination lock and opening a locked gate. You will find a combination lock on the gate. The combination is 4321. After you pass through the gate, you must lock it behind you. Follow the 'W' or 'PLS' signs to camp (see map on facing page).

There will be guided field trips on both Saturday and Sunday and we will leave camp each day at 8:00 - 8:30 AM. Saturday evening will feature a

traditional potluck dinner, followed by a warm campfire, if the weather permits.

**Materials which may be collected:** Honey onyx, red moss agate, petrified wood & palm root, algae agate, and other unnamed agates, jasp-agates, jaspers, fossils, etc.

**Tools:** Rock pick & bag for general collecting; Sledges, wedges, chisels, pry bars, etc. for those rockhounds who really want to get serious with the honey onyx.

**Supplies:** Barstow is very close. For beginning rockhounds (without campers, trailers, etc.) you may wish to stay in a motel in town and drive to the Club Claim each morning. This is also an easy way to get to know the "workings" of a rock club field trip.

Contact: Jay Valle at (626) 934-9764 for questions or further information.

**Information on the Oaktree Inn** for those who would like to stay in a room for the two nights:

### Oaktree Inn

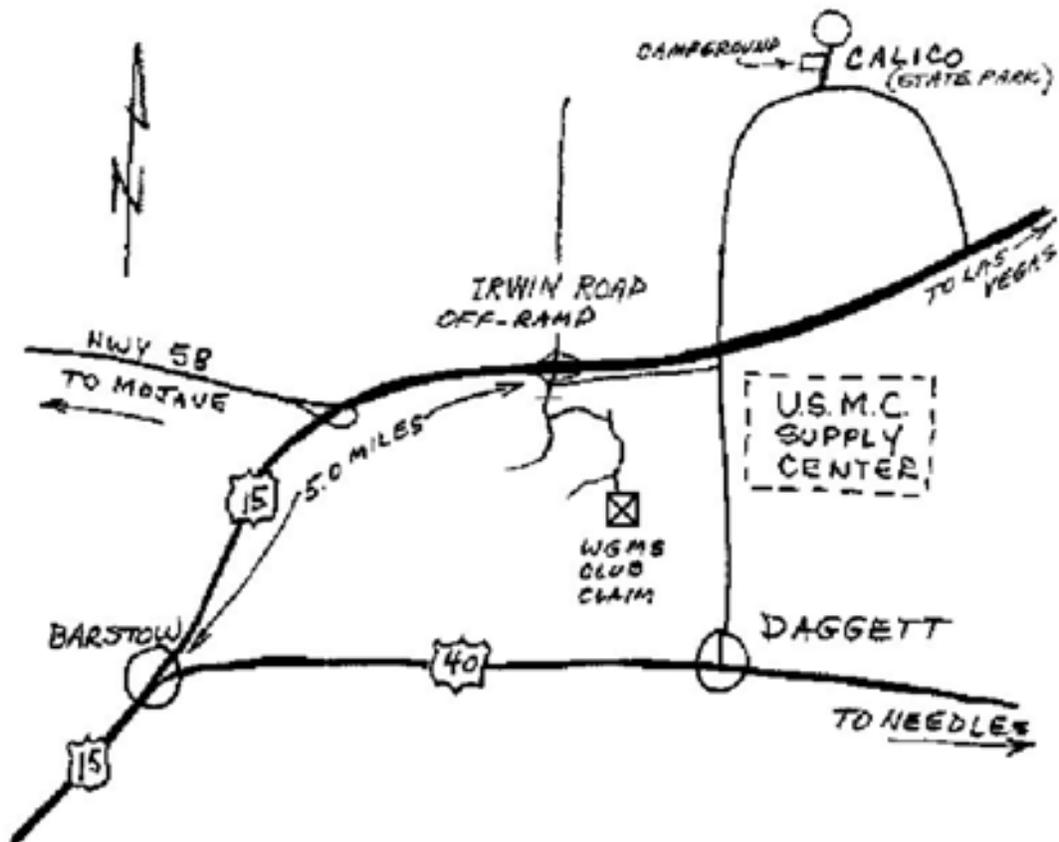
35450 Yermo Dr.

Phone: (760) 254-1148

Take the Ghost Town Road Turnoff

AARP or AAA Discount \$79.75 per night

Dinner is open 24 hours a day



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**June 5, 2011**

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Dear North Orange County Gem and Mineral Society,

I just wanted to once again thank you, not only for the scholarship, but as well for the support. It means so much to me that such a society would proudly award me this scholarship because they have faith in what I, and my generation, is capable of.

Not many people can comprehend the love for science I do have. I love the science and that is why I am so excited to be able to specialize my education in them at the University of La Verne next year. I really do hope that you understand what this award has meant to my family and I. My mother was so proud to be able to call me hers as I accepted the award and was delighted to meet everyone at the event. The money that you have given me will last me through school, but the impact you have made on my life, by lending me your support, will last a lifetime. It means more than you will know that my community believes in me and will support me with my future endeavors.

Once again, from my family and I, from the bottom of our hearts, we would love to thank all of the North Orange County Gem and Mineral Society members for offering such an opportunity to me.

Sincerely,  
Karelyn Van Leir



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**June 6, 2011**

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Dear North Orange County Gem & Mineral Society, Inc. and associated members,

I, Daniel Thomas Bouman, would just like to say that it is with my utmost that I give you thanks. To be honored for such a scholarship is truly amazing to me, your generosity is much appreciated and I would just like to thank you for the opportunity to be a part of the commencement that followed. Not only was the aid to my schooling a well cherished bonus but also the presentation at the community center meant so much to me. It allowed me to open my eyes to a possible field of research as well as giving a face to the generous and caring group of researchers who dedicate and invest, from themselves, into the next generation. Seeing this selflessness was heartwarming, thank you.

One last point that I would like to add in thanks is that you allowed for my parents to be there and witness their son receive an award, they were so joyful. The look on their faces and their happy demeanor was something to behold as their offspring. All and all, this experience will not be forgotten, and this boost in my education and career will always be looked back upon as a positive focal point, thank you.

Sincerely and always Grateful,  
Daniel I. Bouman

