

NOC NEWS

VOLUME 15 Issue 5

V. Marks, Editor

MAY 1996

◆ PRESIDENT'S MESSAGES PLUS

May meeting will feature Darryl Futrell. Come and learn more about Tektites from him. He is quite an expert. Mike Maneth

with flowers
may flowers

FROM LORETTA WITH LOVE

PRESIDENTS MESSAGE

By Loretta Ogden

Already another month has past and I didn't feel it. It is because I was having so much fun. Don and I are just home from ZYZX and still relaxed on one hand and wound up on the other. It was quiet and calming with the stars forever and a comet to boot, but flip it over and you get inspiring, motivating and thought provoking from all the talent we saw and the lectures and conversations we had. If you have not gone give it a try.

Lets start thinking about getting together this summer. Do YOU have any ideas? If so let me know.

I'm sure by now you have all heard of Virginia Pages passing. She will be greatly missed and has definitely left her mark on all of us. She will long stay in our minds and hearts. I know that Virginia would not want us to mourn her death but celebrate her life by continuing to enjoy the desert she so loved. If only we could see the Cady's one more time for her! Good bye and Good Journey Virginia.

Day Trippers

by: Loretta Ogden

On Sunday April 21, 1996 some of us were at the Museum of Natural history in Los Angeles having a wonderful time oing and awing over the collection that we have been told belongs to us. Sometimes I think I would rather have it in my living room at home but then I would have missed the chance to interact with so many of the club members and meet new friends at the same time. Mike and Mary Maneth were there with their daughter and grandchildren (wiener dude and wiener). Those names made quite a hit. Pat and Sandy Mogan had a good time and so did Al and Trini. Dana Matula brought a group from Orange Coast and Bill and Izzy were there with the Monterey Park Club. Sue Hansen chose to drive herself there and Mike, my car hold three people, myself and Don and Ofelia Warthen.

PRESIDENTS MESSAGE

By Loretta Ogden

The show is over and I hope everyone is resting up. I think we had a very successful show and we should feel proud of ourselves. At this point while it is fresh in our minds we should document every thing we will need for next year. Sometimes we have great ideas and they get lost with time so if you will take 5 minutes and make some notes for me on your ideas and suggestions it would be greatly appreciated. Sign them or just leave them with me anonymously either one, please. We did have a few moments this show that I would like to avoid in the future and the way to do that is have a formula. We have new members that do not know the ropes so if we did have the plan in writing it would solve a lot of problems ahead of time.

The showcases were superb and I was proud of you all. It was a pleasure to show them off to my friends and family that came. All of the guests seemed to enjoy themselves very much and being at the door gave me the opportunity to see the ones who came back for another dose on Sunday.



◆ NEWS, NEWS, AND MORE NEWS.

DOOR PRIZES GALORE -DONATIONS NEEDED!!!!

Yes, with all our wonderful donations...the outcome was great. We had lots of winners. Without your donations this would not have been possible...So Please keep bringing them in. Thanks! Last meeting we had 2 big grand prize winners. Al Hermosillo won a beautiful plant and Mike Maneth won a geode. Congratulations to both of you.

A great bit THANKS to Mike Maneth, Bill Huber, Angie Harwood, Loretta and Chuck Pierce for their great donations.

- MAY BIRTHDAYS
- 7TH Lucille Howe
- Sheryl Stevens
- 8TH David Anthony
- 10TH Valerie Blais
- 13TH May Richardson
- 18TH Brian Kussman
- 23RD Izzy Burns
- 25TH Mary Maneth
- 28TH Bill Burns
- 30TH Joan Henry
- Ed Rost
- 31ST Jane Anthony
- 0000000000

Your Stone EMERALD

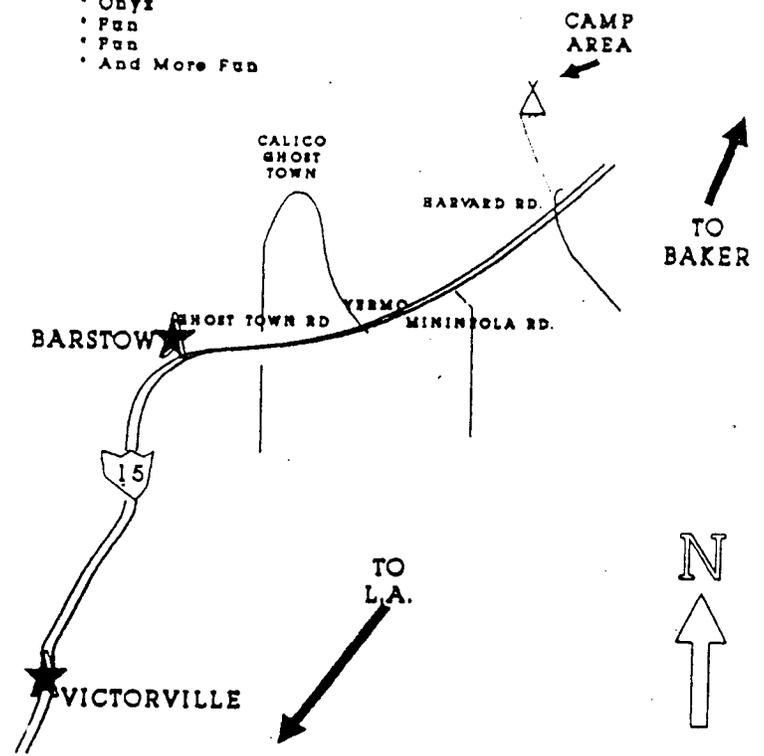
Your Flower LILY OF THE VALLEY

0000000000
HAPPY BIRTHDAY AND A GOOD YEAR TO YOU!

TRIP,
TRIP,
TRIP,
DON'T STUMBLE,
TRIP, TRIP, OH HAVE PICK WILL TRAVEL, TRIP, TRIP.

Mary and Pat
Field Trip
Harvard Rd.
Memorial Week End
Fri. night May 24 through Mon. May 27
Potluck Sat. night.

- Palm
- Agate
- Jasper
- Onyx
- Fun
- Fun
- And More Fun



◆ KEEPING INFORMED

Easter in the Desert 1996

When you talk about "going to the desert for Easter" it sort of conjurs up the image of Palm Springs, golf, tennis and that sort of thing. Well, it might for some folks but NOT for the rocknounds of NOC. For us, this Easter, it meant the harsh barren plain just north of Ludlow, where we hoped the wind and the sun wouldn't be too intense, and where we waited anxiously for all the rigs to rumble in over the space of two days. We even expected Loretta and Don on Sunday morning! We should have known better!

Don and I, along with Don's mother Alice, arrived Thursday evening. Roger Loest and Dee were already there, as well as Valerie and Carl Gibson from the Delvers Club. That evening the excitement was watching Roger inflate Don's flat tire with his handy compressor. Thank goodness it worked long enough to get the car back to Ludlow for a patch. That evening the stars were shining and the moon was a golden orb, but we were all sort of tired and a bit anxious. Were we having fun? Not quite yet.

Friday AM Don began his 50 mile trek back to Barstow. He didn't trust the patch and needed a new spare, too. It was too chilly and windy to do much rockhounding. Walt and Joan Abramson arrived, and Joan joined Mom and I in the trailer, while Walt and a few others attempted to find some jasper. No luck! Little by little more people arrived. By the time Don returned from Barstow around noon, Dana Matula had headed in along with Anne and Glen Radke from the Orange Coast Club. Walt and Chris Ringer from Delvers pulled in and shortly thereafter came Joan and Bob Henry. Could we start having fun?

By early afternoon the sun was shining, the wind had died down, and all of us were ready to go rockhounding. Don led us to the banded jasper and then to a place we have always called jasper hill. Joining us were Mike and Mary Maneth and their grandchildren, Amanda and Adrian, along with Joe Reed. Everyone probably found more jasper than they wanted. Isn't that always the way? Back at camp Izzie and Bill Burns had arrived and it was "happy hour" time. Yes, we were having fun! Later, at the campfire we enjoyed each other's company and marveled at the clear starry sky.

Saturday dawned clear and calm. We planned the trip to the strawberry onyx mine for 9 AM to allow for any latecomers. Don and Peggy Hughes and children barely got their tents arranged, but were ready to join us. Very shortly after the planned time, we had nine vehicles pulling out in line for the rather tortuous 16 miles to the mine. The worst part of the trip was the loose sand in several areas, as well as a very rocky difficult area near the mine. How happy we were to reach the old adobe shack! Everyone scattered over the slopes searching for rocks of just the perfect color and stripe. Bill Burns and Mike Maneth spent much of the time working away at a gigantic specimen which finally defeated them, at least for that day. Izzie said, "Have you ever seen a grown man cry?"

Happy hour and the potluck were magnificent as usual, and the night sky provided us with another stunning show, including the comet with its long hazy tail, still visible near the northwest horizon. Joan Henry spotted this first, and it certainly made a perfect ending to a glorious day.

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COMING EVENTS

SUMMER EVENTS AND SHOWS

May 18-19 ANTIOCH, CA

Antioch Lapidary Club
Hall of Flowers, County Fairgrounds
Hours: Sat 10-6 Sun 10-5
Betty Pankey (510) 439-7509

May 17-19 RED BLUFF, CA

Superior Calif Gem & Min Assn
Tehama District Fairgrounds
99 E. & Antelope
Hours: Fri & Sat 9-5 Sun 10-4

May 18-19 NEWBURY PARK, CA

Conejo Gem & Mineral Club
Borchard Park, 190 Reino Rd.
Hours: Sat 9-5 Sun 10-5
Bob Stultz (805) 498-4220

May 25-27 WEAVERVILLE, CA

Trinity Gem & Mineral Society
Bigfoot GemBoree
Lowden Park Washington St.
Hours: Sat & Sun 10-5 Mon 10-4
Irene Watson (916) 778-3910

June 1-2 WEST HILLS, CA

Rockatomics
Rockwell Rec Center 8500 Fallbrook
Hours: both days 10-5
Bev Darby (818) 704-6785

June 1-2 GLENDORA, CA

Glendora Gems
Goddard Middle School
859 E. Sierra Madre
Hours: Sat 10-7:30 Sun 10-4
Mark Thompson (818) 335-3814

June 1-2 SAN DIEGO, CA

San Diego Lapidary Society
Al Bahr Temple, 5440 Kearny Mesa Rd
Hours: Sat 9-6 Sun 9-5
Richard Large (619) 693-0464

July 12-14 ARROYO GRANDE, CA

Orcutt Mineral Society
POW - WOW
Arroyo Grande High School
Parking Lot, 495 Valley Rd
Wes Lingerfelt (805) 929-3788

July 13-14 CULVER CITY, CA

Culver City Rock & Mineral Club
Veterans Memorial Aud. Overland &
Culver
Hours: Sat 10-6 Sun 10-5
Beth Rosengard (310) 652-0252

July 27-28 RENO, NEVADA

Reno Gem & Mineral Society
Exhibit Hall, Reno Livestock Events
Center, 1350 N. Wells, Ave
Hours: Sat 10-6 Sun 10-5
Darrell Harris (702) 825-3196

August 3-4 SAN FRANCISCO, CA

San Francisco Gem & Mineral Soc
San Francisco County Fair Bldg
Ninth Ave & Lincoln Way, Golden G
Hours: Sat 10-6 Sun 10-5
Anne Timmins (415) 564-4230

Aug 30-Sept 2 FORT BRAGG, CA

Mendocino Coast Gem & Mineral
Tradewinds Convention Center
Main Street
Hours: Fri & Sat 9-7 Sun 9-4
Art Webb (707) 964-7182

September 14-15 DOWNEY, CA

Delvers Gem & Mineral Society
Womans Club, 9813 Paramount Blvd.
Hours: Sat 10-6 Sun 10-5
Mike Maneth (310) 944-8628



AFMS/CFMS CONVENTION & SHOW DIAMOND DAZE

Aug 9-11, 1996
RIVERSIDE, CA
Riverside Convention Center
3433 Orange St.

CFMS'S 60th Anniversary

P.S. - My printer wait print - excuse handwritten
messages. VM FAX# is (310)
434-5520

♦ ISABELLA SAYS:

DIAMOND DAZE ARE COMING!!!!!!!

- Reservations for staying at the Holiday Inn are made by calling (909) 784-8000 or (800) 465-4329 and saying you are with the California Federation of Mineralogical Societies.
- Reservations for the Jurupa Park Camping (800) 234-7275 will not be accepted until May. Sorry, but Destiny (a new company), will not change their rule for anyone. If you are going to be unable to make a reservation in early May, let me know and I will make them for you.
- The date for return of display applications has been revised to April 15.
- There is free parking and an air-conditioned Convention Center

See you in Riverside !!

Cont.
from
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The Easter morning service, provided by Walt and Joan Abramson was at 7 AM. The time change had made it a little confusing, but we were aroused by horn toots and "Bringing in the Sheaves." As usual Walt and Joan were very special and inspired us all. After the service, Amanda, Adrian and Vanessa Hughes had an Easter egg hunt. We all helpfully "egged" them on! By 8:30 we were gathered for a huge tasty Easter brunch. The harsh barren plain, now bathed in golden light, was surrounded by distant lavender and rose-colored hills. What a perfect spot! How could it ever have seemed so inhospitable?

Several people (including us) left directly after brunch. Those remaining decided to do some 4-wheeling in the area of the Broadwell dry lake. Dee and Joan stayed behind in camp, while Walt went with Bill and Izzie, and Joe rode with Roger. Bob and Joan were in their Jeep. Part way there Roger broke down and Henry's rescued Joe. They found that the area known as the pink cliffs was closed to any driving in, so Roger didn't miss much. By the time all returned Roger had made it back to camp. How? Roger likes to live dangerously I guess. On Saturday he had driven to the onyx mine without 4-wheel drive! He made it, but I'm not sure all of his car did!

Guess everyone had another wonderful day capped with shared food and a starlit evening. The comet was still visible! We make such unforgettable memories for ourselves with our great field trips. Next time maybe more NOC's will be able to join us.

Jane Livezey

News About Friends

Joan and Walt Abramson have left on a 2 month trip to Wyoming and Montana. Happy digging to them and don't we all wish we could be going along!

Sadly - we send sympathy from our hearts to the families of our good friends who died April '96
Annabelle Post
Virginia Page



EDUCATION



Copper was the first metal used by humans and is second only to iron in its utility through the ages.

The name is derived from the Latin *cuprum*, "copper," from the earlier Latin *Cyprium*, "Cyprian metal." The discovery of the metal dates from prehistoric times, and it is estimated that copper was first used about 5000 BC or even earlier. In Roman times much of the copper was obtained from the island of Cyprus, as the name implies. Copper today is mined in many parts of the world, the largest producers at present being *Chile, Peru, Poland, the United States, Zaire, and Zambia*. More than 160 minerals containing copper are known. Copper constitutes 70 parts per million of the Earth's crust and is present to the extent of 0.020-0.001 parts per million in seawater.

Copper in its native state, such as that found in the Lake Superior region of North America, is often so pure that it requires only melting with a flux to produce "lake copper," which for many years was the world standard for pure copper. About 80% of all copper mined today, however, is derived from low-grade ores containing 2% or less of the element.

Half of the world's copper deposits are in the form of chalcopyrite ore. All

important copper-bearing ores fall into two main classes: oxidized ores and sulfide ores. Sulfide ores are more important

commercially. Ores are removed either by open-pit or by underground mining. Ores containing as little as 0.4% copper can be mined profitably in open-pit mining, but underground mining is profitable only if an ore contains 0.7%-6% copper.

The final stage of purification is mainly by electrolytic refining, which yields copper of 99.95%-99.97% purity. The impure copper is made the anode of an electrolytic cell that contains pure strips of copper as the cathode and an electrolyte of aqueous copper(II) sulfate. During electrolysis, copper is transferred from the anode to the cathode. An anode sludge containing silver and gold is produced during this process, and this increases its economic feasibility.

Jeff Parker NOC Member



DIAMOND DAZE GEM & MINERAL SHOW

CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES, FOUNDED 1936
AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES, FOUNDED 1947

AUGUST 6 - 11 1996
RIVERSIDE CONVENTION CENTER
RIVERSIDE, CALIFORNIA

ADVANCE REGISTRATION

DEADLINE JULY 15, 1996

Make all registrations under: (PLEASE PRINT CLEARLY)

NAME _____
ADDRESS _____ CITY _____ STATE _____ ZIP _____
SOCIETY _____

SHOW REGISTRATION

NAMES 1. _____ NOC MEMBERS free admission
2. _____ Work 9 hours - 3 day pass
3. _____ Work 3 hours - 1 day pass
4. _____ Need ticket sellers, security,
hostesses, etc.
5. _____ Sign up to work at the
next meeting.

BANQUET RESERVATIONS - Saturday, August 10, 7:30 pm Reservations - \$25.00 ea	TOTAL \$ _____
BULLETIN EDITORS BREAKFAST - Sunday, August 11, 8:00 am Reservations - \$12.00 ea	TOTAL \$ _____
PAST PRESIDENTS LUNCHEON - Thursday, August 8, 12 noon Reservations - \$19.00 ea	TOTAL \$ _____
FACETERS LUNCHEON - Luncheon only ; Luncheon is included in Symposium price Reservations - \$20.00 ea	TOTAL \$ _____
PETRIFIED WOOD SYMPOSIUM - Three days Reservations - \$25.00 ea (does not include show registration)	TOTAL \$ _____
FACETERS SYMPOSIUM - Three days Reservations - \$65.00 ea (includes show registration)	TOTAL \$ _____
CARVING SYMPOSIUM Reservations - No charge (registration required)	TOTAL \$ _____
OPAL SYMPOSIUM Reservations - \$20.00 (does not include show registration)	TOTAL \$ _____
AMOUNT ENCLOSED	TOTAL \$ _____

Make check/money order payable to: **Diamond Daze Show.**

REMITTANCE MUST ACCOMPANY REGISTRATION.

MAIL TO: **Isabella Burns**
1038 Bradshaw Ave.
Monterey Park, CA 91754
818 288-2896

PLEASE RETURN ENTIRE SHEET
NO REFUNDS AFTER AUGUST 1, 1996

HOSTED BY AUTONETICS GEM & MINERAL CLUB, CAPISTRANO VALLEY ROCK & MINERAL CLUB,
FACETERS GUILD OF SOUTHERN CALIFORNIA, NORTH ORANGE COUNTY GEM & MINERAL SOCIETY,
AND ORANGE COAST MINERAL & LAPIDARY SOCIETY

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