

THE
**ORANGE COUNTY
FORTY-NINERS
GOLDEN AURA**

August 2013



General Membership Meetings

When: 3rd Tuesday of each month

Time: 7:30 p.m.

Where: Garden Grove Woman's Club
9501 Chapman Avenue
Garden Grove, California 92841
(Corner of Chapman and Gilbert)

Check us out on the Internet at
www.oc49ers.com



Club Outings

Regular scheduled outings take place the last full weekend of the month.
"Regular" Club outings in November, December and January are scheduled
around the Holidays and/or inclement weather.

The President's Minute

August

Hello fellow 49er's

Happy August!

I hope everyone is staying cool while out looking for that Gold. The weather has been pretty good. I heard so far it is the coolest August in a lot of years. Wouldn't know it from all the Wildfires we have been having.

Remember to talk with our Wagon Master Scott about the Mine trip this month and about the metal detecting day in September. Both should be a lot of fun.

The speaker for September will be a Privi Digger.

He will be talking about all the great stuff he has dug up. See you at the meeting.



The Treasurer's Report

July 31, 2013

INCOME	50-50	\$12.00
	New Members	220.00
	Raffle.....	200.00
	Refreshments.....	9.00
	Income.....	441.00

EXPENSES	Rent	\$125.00
	Aura	491.80
	Snacks & Refreshments	13.87
	Mining Fees	23.31
	Gold, Coins, etc.....	272.70
	Office Supplies	11.33
	Referrals	-10.00
	Expenses	\$928.01
	Month	\$744.90

CHECKBOOK

Stmnt Balance	\$19,272.93
Outstanding Cks.....	54.64
Checkbook Balance	\$19,218.29
CD Balance	\$2,353.31
Total Cash	\$21,571.60

2014, Planning Ahead

I felt it necessary to provide the Club with advanced notice that I will not run for the office of Treasurer in 2014 or any other active Board position. I have appreciated the opportunity of serving on the Board of the 49ers the past eleven years (2003-2008, 2013 as Treasurer, and 2009-2012 as President) and have very much enjoyed my direct involvement with the Club during this time span.

My decision to not run for a Board position is based exclusively on work. Our bank is being acquired by a larger bank and they want us to increase volume, which will require more traveling than in years past. I also do the bookkeeping and tax preparation for my wife's business, which has grown over the past 24 years, and now requires more of my non-working time. These commitments can be best exemplified by the fact that in the first 8 year of my Membership in the 49ers, I missed two scheduled outings. Last year I attended just two Outings, and this year, only the April Outing.

I will miss being actively involved with the Club, and hope in the future that there may be an opportunity to "be involved" again.

Here is a suggestion for the Club to consider..... As the Club is presently set-up, the Treasurer: pays the bills; makes deposits; reconciles the checkbook; prepares the monthly operating report; retrieves the mail weekly from the PO box; files various government forms; maintains the Membership lists; handles the renewals; and sends out the new Memberships packets. Many of the clubs have a separate Membership Chairman, thus distributing the work load required by the Treasurer. This might be something for the Club to consider.

Respectfully,

Steve Reid

General Meeting

July 16th 2013

Our President, Bryan DeGhetto called the meeting to order at 7:30 p.m. followed by the flag salute. Steve Reid gave the Treasures report. We had four visitors.

Our speakers for the night were from Route 66 Gold Miners; Don Golding and Bill Winchester. They demonstrated their dry washer that Bill had invented and will take orders if anyone wants to buy one. This dry washer should make it easy to find gold.

Raffle:

Vile of gold: Noel CLinton

Silver dollar: Steve Reid

Silver half: Art Chavez

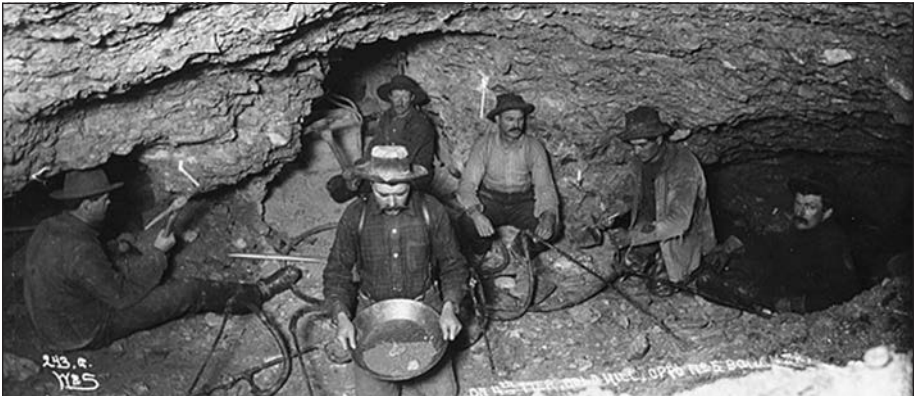
Silver quarters: Don Golding, Noel Clinton, Steve Reid

50-50 Ralph Kolbush

Membership: Stan Gilman

Meeting was adjourned at 9 p.m.

Secretary,
Sandy Hunt



The Wagon Master's Report

August 2013

Our August Pala area Gem dig out it has been rescheduled to Sunday August 25th. The Gem mine has requested that all reservations be made via me Scotty at Pedersens Gold & Pawn 714-527-6463.

The price will be \$60.00 per person. For those who do not wish to dig there are 4 local Casino's very close to the Gem mine. I have been informed that there are rest room facilities at the mine site.

I'm working on getting a tour of a real productive Gold mine near Randsberg for Sept or Oct outing.

Thank You,
Scotty

Tourmaline - Geology

Tourmaline is found in granite and granite pegmatites and in metamorphic rocks such as schist and marble. Schorl and lithium-rich tourmalines are usually found in granite and granite pegmatite. Magnesium-rich tourmalines, dravites, are generally restricted to schists and marble. Tourmaline is a durable mineral and can be found in minor amounts as grains in sandstone and conglomerate, and is part of the ZTR index for highly-weathered sediments.

Tourmaline in the United States

Some fine gems and specimen material has been produced in the United States, with the first discoveries in 1822, in the state of Maine. California became a large producer of tourmaline in the early 1900s. The Maine deposits tend to produce crystals in raspberry pink-red as well as minty greens. The California deposits are known for bright pinks, as well as bicolors. During the early 1900s, Maine and California were the world's largest producers of gem tourmalines. The Empress Dowager Tz'u Hsi of China loved pink tourmaline and bought large quantities for gemstones and carvings from the then new Himalaya Mine, located in San Diego County, California.[13] It is not clear when the first tourmaline was found in California. Native Americans have used pink and green tourmaline as funeral gifts for centuries. The first documented case was in 1890 when Charles Russel Orcutt found pink tourmaline at what later became the Stewart Mine at Pala, San Diego.

Coin Hunt

The Club will hold a coin hunt on Sunday, September 29th at Cherry Beach in Long Beach. The hunt will start at 10 A.M.

After the hunt, the club will cook hot dogs. You need to bring drinks and anything else you like to consume with your dogs.



OC 49er Logo Patches

To the Members:

Are any of you interested in purchasing embroidered club patches? These patches will be 3 ½ inches in diameter and will look like our Club's decal. We need to know how many of you may want to purchase the patches, and what is the upper limit you would be willing to pay for the patch. This will allow the Board to determine the feasibility of investing in the project.

If you support the idea of having club patches, inform a Board Member at the General Meeting, an Outing or by email.

Thank You,

The Board of Directors

New Members Information

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Orange County 49ers

The Lost Mormon Mine of the McCullough Mountains

THE TALE

Mormons and miners were the key players in Nevada during the early days of the territory. The Mormons came to cultivate the land while the miners came in search of silver. By 1851, both groups were there in force. Occasionally, the Mormons did a little mining themselves. Most of their early efforts were focused on the rich lead deposits scattered throughout southern Utah and Nevada. Eventually they learned that many of these deposits contained silver!

In 1856, Mormon colonists discovered lead ore in the mountains near present-day Las Vegas. The ore turned out to be rich in silver, but the Mormons didn't realize it at the time. They abandoned the Las Vegas area two years later. In 1864, a Mormon missionary discovered a rich deposit of silver ore 10 miles northwest of Meadow Valley. The mining camp that sprang up near the diggings became known as Pioche. The town flourished for a few years, but by 1876 the rich silver lodes had been exhausted. Pioche withered away and eventually died in 1880.

By the 1890's, Nevada was in a mining slump. Indeed, the only significant discovery during the 1890's occurred 50 miles southwest of Pioche, in the Delamar Mountains. The Delamar deposits were extremely rich. Over fifteen million dollars worth of ore was eventually recovered from the Delamar District. The Delamar strikes were a prelude to the great silver and gold discoveries of the 20th century. And like all big strikes, the Delamar rush drew prospectors from all over the West. The mountains and deserts of southern Nevada were soon crawling with men searching for gold.

Two of those men wandering the deserts of Nevada would find more than they bargained for. Somewhere in the McCullough Mountains of extreme southeastern Nevada, the two prospectors would encounter the "elephant" of western fable. Although Mormon by creed, very little else is known about them. Only the last name of one of the men has come down to us - Mashbird. The two prospectors entered the McCullough Mountains sometime during the 1890's. Setting up their base camp near a spring in the mountains, the pair combed the surrounding country in search of a rich vein. After several weeks of fruitless search, the prospectors encountered an Indian who told them about a large gold deposit hidden nearby. The two men were elated. When the Indian offered to show them the outcrop, Mashbird decided to follow him to the gold while his partner waited in camp. The two prospectors should have been suspicious. Mashbird was attacked on the way to the mine and left for dead. When he awoke, he staggered down the trail, weak and delirious. Stumbling through the wilderness he suddenly found himself looking down at a rich vein of gold-bearing ore! There at his feet was the Mother Lode. He gathered some samples and eventually made his way back to camp where he found his partner murdered. Mashbird sadly collected his gear and made his way out of the mountains. When he finally recovered, he tried to locate the

gold deposit but he was never able to find it.

MINING HISTORY

Southern Nevada has a venerable mining history. The rugged mountains of Clark County have been prospected and mined for centuries - first by the Indians and then by the white men. The turquoise deposits at Crescent Peak were worked by Pre-Columbian Indians well before the Spaniards arrived. It took them awhile, but Spanish prospectors eventually reached the mountains of southern Nevada sometime during the late 1770's. Unfortunately, the Spaniards found very little gold or silver during their tenure. Nor did the Mexicans who followed them. It would be a very different story with the Americans.

The American prospector was a breed apart. In less than a century he would penetrate every corner of the North American continent in search of precious metals. It would be the American prospector who would eventually uncover and tap all of Nevada's great ore deposits. Those ore bodies have made Nevada one of the greatest gold and silver producers in the world.

In southern Nevada, it was the hardy Mormons who made the first strikes. In 1856, they discovered lead ore in the mountains near present-day Las Vegas. Only later would they learn that the ore was rich in silver. The Crescent Peak District was also a source of silver, but not until the turn of the century. Prior to that, the district had been a good

source of gold and turquoise. Mexican miners may have been the first to recover gold from the Crescent Peak District. It is said that a group of Mexican prospectors discovered gold-bearing quartz veins on Crescent Peak in 1863. They worked the veins for a number of years before abandoning the area. In 1904, a rich outcrop of silver ore was discovered on the slopes of Crescent Peak. The following year, the town of Crescent sprang up near the silver mines. Unfortunately, like most boom towns, Crescent faded quickly. Nothing is left now.

During the 1890's, when most of the state of Nevada was in a mining slump, the southeastern portion was booming. Rich strikes at Delamar and Searchlight were virtually the only bright spots in the entire state. Searchlight is by far the largest gold-producing district in Clark County. Nearly 250,000 ounces of gold have been reported from this district alone.

In 1908, large deposits of alunite were discovered in the northernmost portion of the McCullough Mountains. This discovery generated a considerable amount of excitement as alunite is many times associated with gold. At first, it was thought that a new "Goldfield" had been discovered, but alas it was not to be. The Alunite District proved to be a disappointment to all.

GEOLOGY OF THE AREA

The McCullough Mountains of southern Clark County, Nevada are part of the vast Basin and Range Province of North America. Like most of the mountain chains in the Basin and Range Province, the McCullough Mountains are fairly long but relatively narrow by comparison. They extend roughly 40 miles from the site of Crescent north-northeastward to Henderson. In no place is the

range more than 8 miles wide. The McCullough Mountains are bounded by Eldorado Valley to the east and Ivanpah Valley to the west. The range is cut by McCullough Pass which is located near the middle of the chain.

The McCullough Mountains consist of two basic rock “provinces” of vastly different age, composition, and origin. One consists of ancient crystalline rock while the other is made up of much younger volcanic rocks. The northern portion of the McCulloughs consists of Tertiary basalt and andesite flows with minor andesite breccias while the southern portion of the range consists of a core of uplifted Precambrian metamorphic and igneous rocks. The Precambrian basement rock is mostly gneiss, schist, and older granite (1.7 billion years old) intruded by a younger, porphyritic rapakivi granite (1.45 billion years old). The rapakivi granite was formed during North America’s first great rifting event.

The central portion of the McCulloughs is cut by a large, bifurcating fault that trends roughly north-south. The fault extends for nearly 13 miles from Hidden Valley south to McCullough Mountain. A number of smaller, high-angle faults radiate southward from Hidden Valley, but these extend no more than a mile or two. The northeastern flank of the range is cut by a fairly extensive fault zone which trends northeast-southwest and consists of numerous fault blocks. Faulting is very complex along the extreme northeastern fringe of the McCullough Mountains.

The majority of the ore bodies in southern Clark County are associated with or emplaced within ancient Precambrian crystalline rock. In the Searchlight District, the ores are found in Precambrian gneiss near the contact with a younger Tertiary quartz monzonite. In the Crescent District, the precious and base metal deposits are all hosted in Precambrian gneiss and granite. The same is true for the Sunset (or Lyons) District.

PROSPECTING POTENTIAL

The McCullough Mountains have been prospected heavily for over two centuries. It seems unlikely that any large gold deposits have been overlooked. And yet, the rich silver lodes on Crescent Peak were not discovered until 1904. Crescent Peak had been prospected by Mexican miners during the 1860’s and by the Spaniards a century before that. All of them had missed the silver veins.

Prospectors may want to focus on the southern half of the McCulloughs in their search for the lost Mormon mine. The Precambrian basement rocks exposed here certainly hold some promise for the

prospector based on the fact that the nearby Crescent Peak District contains gold-bearing veins in Precambrian gneiss and granite. Similarly, the Searchlight District (located about 10 miles east of the Crescent Mine) also contains gold-bearing quartz veins in Precambrian country rock.

Prospectors may want to concentrate on the fault zones near the middle of the range. A small vein or fracture filling of gold-bearing quartz may lie hidden in some offshoot of the main vein.

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Interesting Facts for your Warehouse of Useless Knowledge

88. Cleo and Caesar were the early stage names of Cher and Sonny Bono.
89. Columbia University is the second largest landowner in New York City, after the Catholic Church.
90. David Prowse was the guy in the Darth Vader suit in Star Wars. He spoke all of Vader's lines, and didn't know that he was going to be dubbed over by James Earl Jones until he saw the screening of the movie.
91. Did you know that there are coffee flavored PEZ?
92. Dogs and cats consume almost \$7 billion worth of pet food a year.
93. Dolphins sleep with one eye open.
94. Donald Duck comics were banned from Finland because he doesn't wear pants.
95. Dr. Samuel A. Mudd was the physician who set the leg of Lincoln's assassin John Wilkes Booth... and whose shame created the expression for ignominy, "His name is Mudd."
96. Dr. Seuss pronounced "Seuss" such that it rhymed with "rejoice."
97. "Dreamt" is the only English word that ends in the letters "mt."
98. Dueling is legal in Paraguay as long as both parties are registered blood donors.
99. During your lifetime, you'll eat about 60,000 pounds of food, that's the weight of about 6 elephants.
100. Einstein couldn't speak fluently when he was nine. His parents thought he might be retarded.
101. Emus and kangaroos cannot walk backwards, and are on the Australian coat of arms for that reason.
102. Eskimo ice cream is neither icy, or creamy.
103. Even if you cut off a cockroach's head, it can live for several weeks.
104. Every person has a unique tongue print.
105. Every time Beethoven sat down to write music, he poured ice water over his head.
106. Every time you lick a stamp, you're consuming 1/10 of a calorie.
107. Facetious and abstemious contain all the vowels in the correct order, as does arsenious, meaning "containing arsenic."
108. February 1865 is the only month in recorded history not to have a full moon.
109. Fingernails grow nearly 4 times faster than toenails.
110. Fortune cookies were actually invented in America, in 1918, by Charles Jung.
111. Gilligan of Gilligan's Island had a first name that was only used once, on the never-aired pilot show. His first name was Willy. The skipper's real name on Gilligan's Island is Jonas Grumby. It was mentioned once in the first episode on their radio's newscast about the wreck.
112. Giraffes have no vocal cords.
113. Goethe couldn't stand the sound of barking dogs and could only write if he had an apple rotting in the drawer of his desk.
114. Hang On Sloopy is the official rock song of Ohio.
115. Hershey's Kisses are called that because the machine that makes them looks like it's kissing the conveyor belt.
116. Honeybees have hair on their eyes.
117. Human teeth are almost as hard as rocks.
118. Human thigh bones are stronger than concrete.
119. Hydroxydesoxycorticosterone and hydroxydeoxycorticosterones are the largest anagrams.
120. Hypnotism is banned by public schools in San Diego.
121. "I am." is the shortest complete sentence in the English language.
122. If a statue in the park of a person on a horse has both front legs in the air, the person died in battle; if the horse has one front leg in the air, the person died as a result of wounds received in battle; if the horse has all four legs on the ground, the person died of natural causes.
123. If NASA sent birds into space they would soon die; they need gravity to swallow.
124. If you bring a raccoon's head to the Henniker, New Hampshire town hall, you are entitled to receive \$.10 from the town.

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Scheduled Outings 2013

Dates and Locations are Subject to Change!

Meetings	Outing	Claim	Access	Rest Rooms
January 15	January 26 - 27	Puppy Feet	Easy	No
February 19	February 23 - 24	Puppy Feet	Easy	No
March 19	March 30 - 31	Puppy Feet	Easy	No
April 16	April 27 - 28	HMC1 & Claim Crawl	Easy	Yes
May 21	May 25 - 26	Duisenburg - LDMA	Easy	Yes
June 18	June 29 - 30	Puppy Feet	Easy	Yes
July 16	July 27 - 28	HMC1	Easy	Yes
August 20	Aug 30 - Sep 1	Puppy Feet	Easy	Yes
September 17	September 28 - 29	HMC1	Easy	Yes
October 15	October 26 - 27	Duisenburg - LDMA	Easy	Yes
November 19	November 30	HMC1	Easy	Yes
December 17	December 17	Holiday Party - Club House	Easy	Yes



Access Easy	Good access for Passenger Car, 2 Wheel Drive, RV, and Trailers.
Access Medium	Can be accessed by 2 Wheel Drive. RV's, Trailers and 5th Wheels check with other members!!!
Access Tuff	Serious 4 Wheel Drive Trail/Dirt Road.
Restrooms	Are Chemical Toilets (Porta-Potties) that we rent for specific outings.

It is highly recommended that you attend the meetings and check with other members to discuss accessibility to these claims before going.

Orange County 49er's