



JUNE/JULY 2012

PCAS NEWSLETTER

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JUNE PCAS SPEAKER

Desireé Reneé Martinez

**Through Land and Sea: Investigating
Tongva Social, Economic, and Spiritual
Connections to Pimu (Catalina Island)**

The Pimu Catalina Island Archaeology Project (PCIAP) has been re-documenting Catalina Island archaeological sites as well as discovering new ones. A major goal of the PCIAP is to understand the connections between the Tongva island villages to the mainland and beyond. This presentation will summarize PCIAP's work to date and discuss the exciting research being completed regarding trail documentation and interpretation.

Desireé Reneé Martinez is Gabrieliño (Tongva) and an archaeologist working for Cogstone Resource Management. She received her BA in anthropology from the University of Pennsylvania and her MA in anthropology from Harvard University where she is completing her dissertation which investigates the relationship between Native Americans and archaeologists in order to find ways to incorporate indigenous perspectives into the practice of archaeology. Ms. Martinez is a Codirector of the Pimu Catalina Island Archaeological Field School, a native-centered course, which melds archaeology with traditional knowledge in collaboration with Gabrieliño (Tongva) community members. In January 2011, she, with other community members and archaeologists, was instrumental in bringing (Continued on p. 7)

DINNER WITH THE SPEAKER

Please join this month's speaker, Desireé Reneé Martinez, and PCAS members for dinner before the June 14th General Meeting. We will meet at 6 pm at Mimi's Café, 4030 Barranca Parkway, Irvine.

PCAS MEETINGS CALENDAR

GENERAL MEETING

Free and Open to the Public

June 14 - 7:30 pm

Speaker: Desireé Reneé Martinez

Topic: *Through Land and Sea: Investigating
Tongva Social, Economic, and Spiritual
Connections to Pimu (Catalina Island)*

Location: Irvine Ranch Water District
15600 Sand Canyon Ave., Irvine

The Irvine Ranch Water District neither supports nor endorses the causes or activities of organizations that use the District's meeting rooms which are made available for public use.

BOARD MEETING

All Members Welcome

June 21 - 7:00 pm

Location: Old Orange County Courthouse
PCAS Library, Ground Floor
211 W. Santa Ana Blvd., Santa Ana

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This is the combined June/July Newsletter. The August/September Newsletter will announce the September speaker. There are no General Meetings in July and August.

MAY SPEAKER NOTES

Bolsa Chica Archaeology

Part Seven: Culture and Chronology

Submitted by Megan Galway

Dr. Nancy Anastasia Wiley presented a concluding summary of six prior presentations by herself and other members of the Scientific Resource Surveys team. Their many years of work on the Bolsa Chica sites have provided valuable in-depth information on at least 9,000 years of occupation.

Nine to ten thousand years ago the Pacific shoreline was 4-6 miles further out from the Cogged Stone site (CA-ORA-83) on Bolsa Chica Mesa than it is today. It is believed that there was a shallow, sandy shoreline based, in part, by the age of recovered Pismo clams and the fact that these clams grow in a sandy beach environment. Bivalve beads found on ORA-83 were made from these clams, and the associated toolkit included handstones, hammerstones, cores, and flaked tools. Very few millingstones were found. Drills made up 45 percent of the flaked tools and are believed to have been used in the manufacture of beads. The SRI team replicated bead manufacture and found it took approximately one hour to create each bead. The distribution of drills on the site was found to be generally the same as the bead distribution. Traces of ochre were identified on some handstones and also on some of the beads leading to the conclusion that these tools were used to crush and process the ochre. No plant remains were found on the tools, and animal protein was predominantly fish. Fish is known to have been used as a binder for pigment.

Pismo clam beads were dated to the period between 9,000 and 7,500 BP but are known to have been used as money into historic times. At around 7,500 BP the Pismo beads were replaced by spiral-lopped *Olivella* beads. These were noted to be very consistent in size and were clustered around burials. They appear not to have been placed in the burials but rather scattered over them. The burials in ORA-83 are concentrated between 7,600 and 5,000 BP. One burial on the site was unique in that the woman was buried face down and covered with rocks, possibly indicating a suspicion of witchcraft or similar concerns. Additionally, rocks are not native to this site.

Cogged stone production, for which the site is known, appears to have peaked around 7,300 BP, and traces of structures on ORA-83 also dated to this period. Hammerstones made up 25 percent of the tool



PCAS Program Chair Joe Hodulik with May speaker, Dr. Nancy Anastasia Wiley.

assemblage, and 35 percent of these are of a type used to make groundstone. Considering the lack of millingstones, these tools are believed to have been used in cogged stone manufacture. Caches of cogged stones were associated with the bead and burial concentrations, the largest cache containing 17 stones. All the caches contained a variety of cogged stone styles, varying in size, shape, and number of cogs.

One recovered stone was square, leading to comparisons with what are known as geometric stones from coastal Chile. These are the only known artifacts with any similarity to the Bolsa Chica cogged stones. In northern Chile the stones were made from sandstone and have fewer cogs than those in southern Chile which were made from granite. It was noted that cogged stones most likely began as squares, and as more sides were added, they began to be perceived as circular.

Additional groundstone artifacts from the site include charmstones like those found elsewhere in southern California and the Great Basin and dating to



SRS shell bead and lithic replication display.



SRS staff members Destiny Colocho and Andrew Garrison with replication display.



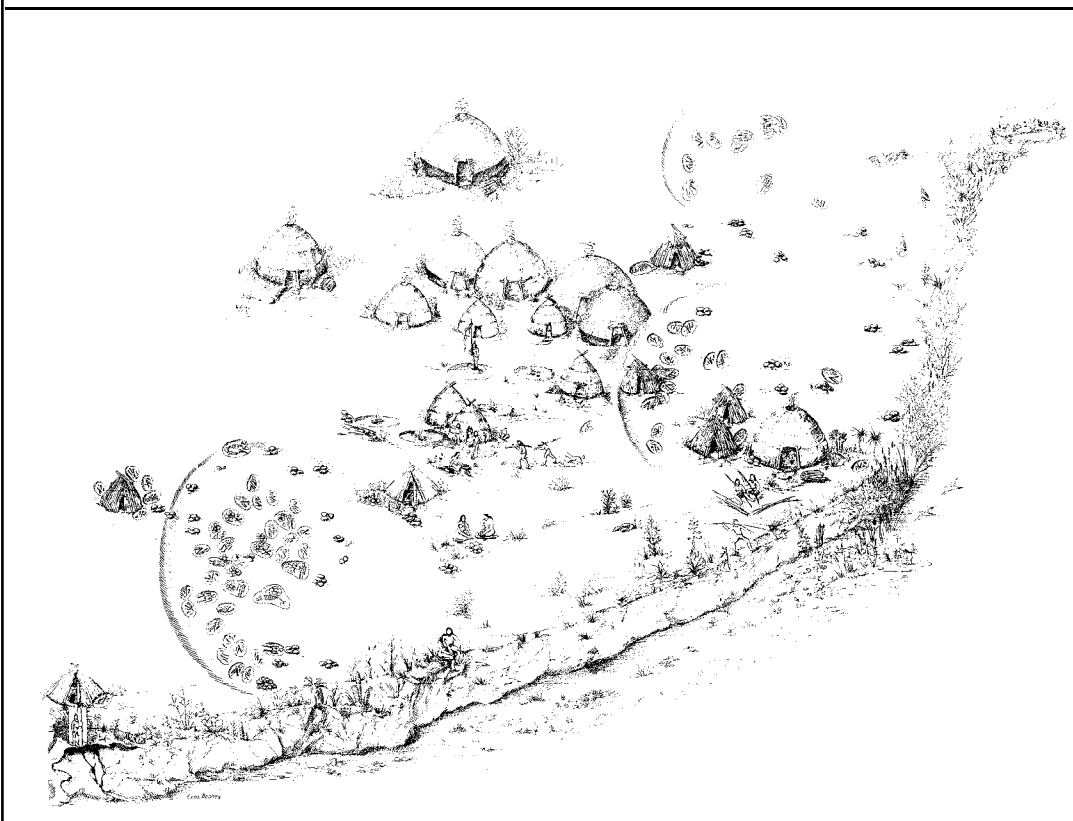
Rezenet Moges of SRS using artifact scanning device which creates 3-D images.

5,000 BP. Other artifacts were identified as talismans or pocket rocks.

Various structures were identified as dance floors, storage depressions, burial related features, and large depressions with hearths and plastered limestone floors. The latter were suggested to be sweat lodges based on ethnographic notes from Drucker and Harrington describing sweat lodges as having plastered floors, a fire by the door, and doors plastered with mud. They also referred to chiefs living in a ceremonial house with the sacred bundle, which could be related to the cogged stone caches. Some depressions at ORA-83 contained remnants of raw pigment and were considered to be pigment mining pits. Remains of a flightless duck were dated to before 5,000 BP, which was also about the time dogs were introduced to the area, a possible cause of the duck's local extinction.

Dr. Wiley classifies ORA-83 as a manufacturing center, with very little evidence of day-to-day habitation. Hammerstones were used to flake drills which were used for bead production. Others were used to create beveled hammerstones used to shape cogged stones. Both beads and cogged stones were associated with burials, which included 40 individuals in the southern concentration and also two bundle burials. Activity declined around 5,000 BP, but other sites on the mesa were occupied later.

The large number of apparent secondary burials, ritual objects, and minimal utilitarian artifacts point to ORA-83 as a mourning ceremony site and "power center."



Artist rendering of CA-ORA-83, the Cogged Stone site. Courtesy Scientific Resources Survey, Inc., Dr. Nancy Anastasia Wiley.

MAY BOARD MEETING SUMMARY

Submitted by Kathleen Shada

President **Scott Findlay** called the meeting to order at 7:07 pm at the Old Orange County Courthouse, Santa Ana, California. Board members present: **Bob Brace, Linda Christison, Gail Cochlin, Jane Gotthold, Hank Koerper, Kathleen Shada**. Members present: **Rene Brace** and **Megan Galway**.

The April 2012 minutes were approved. The treasurer's report and expenditures were approved.

Mark Roeder has made arrangements to pick up a PCAS Quarterly collection that had been loaned to Jim Brock for outreach activities after his home and library burned in a wildfire. **Rene Brace** and **Scott Findlay** reported that the server can be used by Board members to store minutes, reports, and other documents.

The Board approved inclusion of members' emergency contact information on the PCAS ethics and liability forms. They also approved combining the field trip and curation ethics and liability forms into one all inclusive ethics and liability form. The Board approved obtaining equipment and the program for a cell phone operated credit card processor. There is a minimal processing fee for each card scanned; however, there is no monthly usage fee. Scanner will be used for *Quarterly* purchases and membership fees.

Scott Findlay reminded everyone that volunteers are needed for the PCAS outreach event, Garfield Archaeology Day, on Tuesday, June 5, 9 am-12:30 pm. The inventory of a number of small collections, including Bonita Mesa (ORA-134, ORA-219) continues. **Joe Hodulik's** donation/award table generated \$135 in May! **Scott Findlay** is organizing our next field trip to Mission San Juan Capistrano and the Blas Aguilar Adobe Museum for June 23. The *Quarterly* Volume 46, Nos. 1&2 (double issue) and No. 3 (the Malcolm Farmer Memorial issue), have been distributed.

Megan Galway presented the scholarship and grant candidates. The Board approved the presentation of the **Gloria Bogdan Memorial Scholarship** to **Richard Saldana** from CSUF and the **Myrtle Soderberg Memorial Scholarship** to **Angel Ayala** from UC Riverside. The Board also approved a presentation grant to **Susan Kuzminsky**, Ph.D. candidate at UC Santa Barbara.

The meeting was adjourned at 7:50 p.m.

2012 Scholarship Report

The PCAS Scholarship Committee is pleased to announce the following awards for 2012:

Angel Ayala will be entering his senior year at the University of California, Riverside, expecting to graduate in June 2013. His senior thesis will explore gender ambiguity in the ancient Near East focusing on funerary practices in ancient Egypt's New Kingdom and Mesopotamia's Pre-Pottery Neolithic. Angel has worked with the Pechanga Band of Luiseno Indians, monitoring dig sites and tagging and cataloging artifacts in the Pechanga Cultural Resource Center. Angel will receive the \$750 **Myrtle Soderberg Memorial Scholarship**.

Richard Saldana is a student at California State University, Fullerton, expecting to graduate in spring 2014. He has worked with Dr. Brenda Bowser on the CA-ORA-64 collection, with Dr. Edward Knell on his Mojave National Preserve project, and with Dr. Steven James. This summer he will be attending a field school based in Cody, Wyoming. Richard will receive the \$750 **Gloria Bogdan Memorial Scholarship**.

The PCAS Board also awarded the following grant:

Susan Kuzminsky is a Ph.D. student at the University of California, Santa Barbara, and she presented a poster at the SAA conference in April. Her poster presented a study examining cranial variation among prehistoric Californians. Using new, non-destructive 3D laser scanning methods, she created digital models of human crania from nine of the earliest skeletal collections in California to compare coastal groups to groups from the interior. The results showed biological similarities between the inhabitants who lived in the Santa Barbara Channel and San Joaquin Valley of California during the Early to Middle Holocene periods. Susan will receive a presentation grant of \$250 toward her expenses.

The PCAS Scholarship and Grant program is primarily supported by **Joe Hodulik's** donation/award table at our monthly meeting, along with additional donations from our members. Grant applications are accepted throughout the year. Application forms and guidelines are available on our website, www.pcas.org.

BOLSA CHICA MESA FIELD TRIP

Led by **Dr. Nancy Anastasia Wiley**, PCAS members and guests enjoyed a three-hour walking tour of Bolsa Chica Mesa on May 12. The weather was clear and comfortable as Dr. Wiley distributed survey maps and informational sheets so participants could better understand the distribution of the many sites located on the mesa and their relationships. As the walk progressed along the pathway overlooking the mesa and wetlands, Dr. Wiley informed field trip participants of the locations of the many prehistoric and historic sites. Of the prehistoric sites in the area, the Cogged Stone site (CA-ORA-83) is the most renown. The group enjoyed hearing the history of the Bolsa Chica Gun Club and the World War II bunkers. The field trip was a most appropriate conclusion to Dr. Wiley's seven-part lecture series on the Bolsa Chica Mesa sites.



Dr. Nancy Anastasia Wiley with field trip participants, Bolsa Chica Mesa.



May field trip participants.

JUNE FIELD TRIP

Where: San Juan Capistrano—Blas Aguilar Adobe Museum, Mission, and Los Rios Historic District

When: June 23, 2012

Meet: 11 am at the Blas Aguilar Museum

We plan to meet David Belardes, Chief of the Juaneño Band of Mission Indians, Acjachemen Nation, at the Blas Aguilar Adobe Museum. After lunch we will tour the mission with **Stephen O'Neil**, and if time allows, the Los Rios Historic District. Please be aware there is a mission admission charge (www.missionsjc.com).

Some field trip participants plan to take Metrolink (Train #859) from stations in central Orange County to the San Juan Capistrano station arriving at 10:40 am. Train #860 will leave San Juan at 5:05 pm. Contact Scott Findlay (fieldtrips@pcas.org or 714-342-2534) for additional information and to sign up for this field trip.

PCAS Curation

Summer Curation Workdays

When: June 16, 2012

July 14, 2012

August 25, 2012

Time: 1 pm

Where: Red Car Building

We are continuing the inventory and rebagging of some small PCAS collection. Many of these collections are from the very early days of PCAS excavations, the 1960s. Everyone is welcome. Please contact **Mark Roeder** (714-299-4150, curator@pcas.org) or **Rene Brace** (714-544-6282, info@pcas.org) for directions and to let us know you will be coming.

PCAS ANNUAL PICNIC

Save the Date!

July 12, 2012

The Annual Picnic will be Thursday, July 12, 6 pm, at Irvine Regional Park. Hamburgers will be provided, and everyone is asked to bring a side dish to share. A flyer will be sent out in late June with directions and additional information.

DIG THIS...



Exhibits

Southwest Museum of the American Indian in Mt. Washington is now open for public visitation to view conservation work in progress, lobby displays, and ethnobotanical garden. Every Saturday, 10 am-4 pm. Information: <http://theautry.org> or 323-667-2000.

Weapons & War in the Iron Age examines the 2nd millennium BC in the ancient Near East. Western Science Center, Hemet, continuing. Fee: \$8; students, \$5. Information: <http://www.westerncentermuseum.org>.

Seaweed, Salmon, and Manzanita Cider exhibits historic and contemporary photographs, baskets, artifacts, and native food specimens, memoirs, and recipes. Riverside Metropolitan Museum, through September 9. Suggested donation \$5. Information: www.riversideca.gov/museum.

Katsina in Hopi Life will display Katsina dolls from the Autry's Southwest Museum of the American Indian Collection. June 29, 2012 - June 23, 2013. Fee: \$10; seniors and students, \$6; children, \$4. Information: <http://theautry.org> or 323-667-2000.

Lectures

A History of Aerial Photography in Archaeology and Current Methods for Documenting Cultural Resources in the Southwest, by Koral Ahmet. A lecture of the Coachella Valley Archaeological Society, Cathedral City Community Center, 37-171 West Buddy Rogers, June 5, 6:30 pm. Free. Information: www.cvarch.org.

Now in 3D: An Armchair Visit to one of Ancient Egypt's Most Important Cemeteries, by Dr. Elaine Sullivan (UCLA), June 9; **Controversies in Egyptian Paleopathology: Who Died of What? A Second Opinion**, by Dr. Miguel A. Sanchez and Anne Austin, July 14; **Death Along the Nile: Uncovering the Secrets of Egypt's Lost Tombs**, by Dr. Suzanne Onstine (University of Memphis), August 4. ARCE lectures, Bowers Museum, 1:30 pm. Free. Information: www.bowers.org or 714-567-3677.

The History of Guelaguetza and Community Cooperation amongst the Zapotec of the Oaxacan Central Valley, by Historian Xochitl Flores-Marcial, discusses a Mesoamerican indigenous system of reciprocal gift exchange. LACMA, June 10, 2 pm. Free. Information: <http://lacma.org>.

The San Diego Archaeological Center – Ten Years at San Pasqual, by Cindy Stankowski, a lecture of the San Diego County Archaeological Society. Los Peñasquitos Ranch Adobe, June 23, 8 pm. Free. Information: www.sdacas.org.

Indian Slave Trade, by Cliff Walker. A San Bernardino County Museum lecture, June 27, 7:30 pm. Free. Information: www.co.san-bernardino.ca.us/museum/.

Classes, Meetings, and Events

San Diego Archaeological Center BBQ 2012 will be held June 2, noon-5pm. Fee for food: \$6. Information: Cindy Stankowski, 760-291-0370 or cstankowski@sandiegoarchaeology.org. Reservations: Cheryl Castro, ccastro@sandiegoarchaeology.org.

Acorns!, by Lorene Sisquoc (Curator, Sherman Indian Museum). UC Riverside Botanical Gardens, June 9, 1-3 pm. Free. Information: 951-826-5273 or www.riversideca.gov/museum.

The Native American Arts Festival of the Idyllwild Summer Program will be held July 8-14; some performances and lectures will be open to the public. Fee. Information: 951-659-2171. Online catalog and registration: www.idyllwildarts.org (click on summer programs).

The 2012 Pecos Conference will be held at Pecos National Historical Park, August 9-12. Information and registration: www.swanet.org/2012_pecos_conference.

Editor's Note: Please confirm time and place of listing prior to the event. Submit items for Dig This to newsletter@pcas.org.

PCAS CODE OF ETHICS

The Pacific Coast Archaeological Society (PCAS) is a non-profit group of professional and avocational people dedicated to proper management of our cultural resources, public education, and the protection and preservation of archaeological materials and collections.

The following principles have been adopted by the PCAS:

1. Professional methods and forms will be used on all archaeological field surveys, excavations, and laboratory sessions.
2. A complete record of field and laboratory work will be filed with the PCAS Curator and stored at a facility approved by the Society's Board of Directors.
3. No archaeological materials will be removed without proper permits, landowner permission, and a field research design.
4. Unless otherwise legally stipulated before activity commences, all materials collected will be deposited for further research with the Curator at a facility approved by the Society's Board of Directors.
5. All generated reports will be the property of the Society and distributed as deemed appropriate.
6. All Society field activities will be performed only under the direction of a qualified field archaeologist (Principal Investigator) and the supervision of field or site directors.
7. The above principles will be observed on both Society approved projects and projects performed under the direction of an authorized institution or organization.
8. The Society and its members will strive to educate the public of the importance and proper management of our non-renewable cultural resources and to discourage the collection and commercial exploitation of archaeological materials.
9. PCAS members shall not benefit from the acquisition, purchase, sale, or trade of archaeological artifacts, materials, or specimens.
10. All members shall adhere to City, County, State, and Federal antiquities laws.

June Speaker *(continued from p. 1)*

to light the secret removal of burials from the Campo Santo, a historic Catholic cemetery in downtown Los Angeles which holds the remains of early Los Angelenos, including the ancestors of the Gabrieliño, Luiseño, Cahuilla, Juaneño, and Paiute people. Ms. Martinez' life has been dedicated to obtaining the skills and knowledge necessary to combat the wanton destruction of Native American sacred and cultural sites. Her dream is to open up a Gabrieliño (Tongva) museum and cultural center to remind the southern California community of the Gabrieliño's vibrant heritage and continuing contribution to the southern California region.

PCAS SPEAKER CALENDAR

No Meetings in July and August

September 12, 2012

Dr. Alan Gold

October 11, 2012

Dan Reeves

November 8, 2012

Dr. Carl Lipo

December 13, 2012

Dr. James Snead

2012 PCAS BOARD MEMBERS AND COMMITTEE CONTACTS

<u>Office</u>	<u>Name</u>	<u>Email</u>	<u>Phone</u>
*President	Scott Findlay	president@pcas.org	714-342-2534
*Vice-President	Joe Hodulik	vicepresident@pcas.org	949-300-1864
*Secretary	Kathleen Shada	secretary@pcas.org	714-381-8182
*Treasurer	Bob Brace	treasurer@pcas.org	714-544-6282
*Historian/Librarian/Archivist	Jane Gothold	librarian-archivist@pcas.org	562-947-6506
*Quarterly Coeditor	Henry Koerper	publications@pcas.org	714-633-9287
*Quarterly Coeditor	Sherri Gust	publications@pcas.org	714-245-0264
*Refreshments	Gail Cochlin	refreshments@pcas.org	714-997-0852
*Voting member	Linda Christison	lindachristison@pcas.org	209-777-2613
Curator	Mark Roeder	curator@pcas.org	714-299-4150
Donation-Awards Coordinator	Joe Hodulik	donation-awards@pcas.org	949-300-1864
Field Trips	Scott Findlay	fieldtrips@pcas.org	714-342-2534
Membership	Megan Galway	membership@pcas.org	714-539-6354
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Newsletter Editor	Sherri Gust	newsletter@pcas.org	714-245-0264
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Scholarship	Megan Galway	scholarship@pcas.org	714-539-6354
Website	Rene Brace	info@pcas.org	714-544-6282

*Denotes PCAS Board Member

PACIFIC COAST ARCHAEOLOGICAL SOCIETY

2012 Calendar Year Membership and Subscription Form

Name(s): _____

Address: _____

City: _____ State: _____ Zip Code _____

Phone: _____ Email: _____

Yes, I would like to receive my Newsletter by email. Please be sure email above is legible.

I have read and agree to abide by the PCAS Code of Ethics _____

Signature

Membership (Includes Quarterly/Newsletter)

Subscription Only

Scholarship Fund

Active Member - \$45

Quarterly - \$37

Donation \$ _____

Family Membership - \$50

Newsletter - \$18

Supporting Member* - \$55

Student Associate - \$10 (email Newsletter only)

Donor Member* - \$75

Lifetime Member* - \$1000

* May be individual or family membership

www.pcas.org

Return form with payment to:

PCAS Membership
PO Box 10926
Costa Mesa, CA 92627-0926