An unusual feature was discovered during recent test excavations at CA-SNI-240 on San Nicolas Island, California. The feature was layered with the upper layer containing an inverted black abalone shell with an asphaltum cake overlying selected artifacts, including a fishhook fragment, a killed tegula shell and several right femurs of Brandt's cormorant. Directly beneath this was a second smaller black abalone covering selected artifacts, including net weights, a polished steatite cobble, a fossil moon shell, and several left femurs and metacarpals of sea otter. SNI-240 is located across the road from the ceremonial complex at CA-SNI-25. A radiocarbon date places the site within the same period of occupation. This find provides... (Continued on p. 3)
SEPTEMBER SPEAKER NOTES
Talking Stone: Rock Art of the Cosos
By Megan Galway

Dr. Alan Garfinkel presented his documentary film, Talking Stone: Rock Art of the Cosos. He realized a long-held dream when cinematographer Paul Goldsmith agreed to the project. With a $10,000 grant and four years of planning, the team was allowed access to the Naval Air Weapons Station at China Lake, California, for three days of filming.

The 1,100,000 acre China Lake Naval Air Weapons Station is located about 150 miles northeast of Los Angeles. The rock art is concentrated in the Coso Range canyons, an area of about 100 square miles and includes at least 100,000 images. The Navy has controlled the area since World War II so the canyons are well protected. Coso is a native term for steam, and the complex includes the Coso Hot Springs, a geothermal area considered by the Natives to be supernatural. The commanding officer of the China Lake base, Capt. Dennis Lazar, was interviewed and seemed to appreciate the cultural value of the rock art complex.

Rock art in the area was created by long-forgotten cultures over many thousand years. Dr. Garfinkel began by interviewing local Native people and archaeological researchers to provide a sense of Native beliefs and creation stories. Kawaiisu elder Harold Williams of Tehachapi showed Dr. Garfinkel a painted cave and noted his culture created pictographs rather than the petroglyphs found in the Cosos. Images included creatures sacred to the Kawaiisu, such as bears and snakes.

The film presented Justin Farmer telling of his Ipai heritage. As a child, his grandmother was indentured to a white family and taught to reject her Native culture as was her daughter. Farmer developed an interest in his heritage, particularly in Native baskets. He introduced us to the Newberry Cave organic artifact collection at the San Bernardino County Museum. Organics rarely survive in an archaeological context; those from Newberry Cave provide information seldom available. They were dated to 1800 BC and include spear shafts, sandals, and split twig figures. One unique item was piece of bighorn feces wrapped in sinew, possibly worn as an ornament. The cave is believed to have had a spiritual purpose, and the bighorn to have been venerated.

On the base the team was accompanied by base archaeologist, Mike Baskerville, who noted he sees everything from spear points to modern missiles, and a technician whose job was to clear the route of unexploded ordnance. The most common rock art images are patterned body anthropomorphs (PBAs), bighorns, hand prints, and abstracts. Petroglyphs are the oldest art work in California, and various dating techniques are being developed. Obsidian is found locally, and obsidian hydration dating of artifacts found in association with petroglyph sites aids in dating those sites. In the Coso abstracts are the oldest images, with PBAs being introduced about 6,000 years ago. Big Petroglyph Canyon has a heavy concentration of bighorn and hoofprint images. The largest bighorn image is about 7 feet long and has traces of red paint suggesting the images may have been painted as well as pecked. There is a great deal of superimposition, some with heavy repatination, indicative of continued use of the area over a long period. The boat-shaped bighorn image started about 4,000 years ago and reached its peak around 2,000 years ago. Not long after that the bow and arrow replaced the atlatl in the area, and images of hunters shooting arrows into bighorns are seen. In some cases hunters appear to be accompanied by hunting dogs.

The purpose of bighorn images is still debated. Studies show there may never have been a large bighorn population in the area, and they may have been overhunted at one point. Some cultures have “increase rites,” and the petroglyphs may have been associated with such rites. The bighorn was certainly a sacred animal, and ritual headdresses have been found that were created from the horns.

The complex also includes areas of women’s activities. These include bedrock mortars, broken metates, and cupules. Cupules are on both horizontal and vertical surfaces and may have been made when women ground out the rock to use in fertility rites. These areas may also include house rings.

This film showed unprecedented views of the Coso complex, and even those of us familiar with the area were able to see it in a new light.

PREHISTORIC OC 2014
Sunday, October 12, 2014
10:00AM–3:00PM
Ralph B. Clark Regional Park, Buena Park

PCAS will have activity and display tables at the Cooper Center’s Prehistoric OC, an annual family festival celebrating archaeology and paleontology. If you can volunteer for a few hours, please contact Megan Galway at 714-539-6354 or president@pcas.org.
PCAS Annual Meeting and Election

The PCAS Annual Meeting and Election of Directors will be held on November 13, 2014, at the Irvine Ranch Water District Community Meeting Room. The meeting will begin at 7:30 pm, and the election may occur anytime during the meeting. PCAS members will elect three new Directors. In order to vote in the November election, one must be a member of PCAS by October 9, 2014 (date of record). Membership forms and payment must be received by October 9, 2014—either delivered to the PCAS mailing address (postmarks will not be considered) or hand delivered to either Treasurer Rene Brace or Membership Chair Megan Galway at the October 9th General Meeting. Before the election takes place, additional nominations may be made from the floor by any member present with the prior consent of the nominee. If there are more than three nominees, Directors will be elected by secret ballot. Please plan to attend the November 13, 2014 PCAS Annual Meeting to cast your ballot! A quorum is necessary for this election.

The PCAS Nominations Committee presents the following nominees:

Stephen Dwyer is an engineering manager at a large aerospace corporation. He has an aerospace engineering degree from the State University of New York at Buffalo, an MA in business administration from UCLA, and is a licensed glider pilot. He has been a volunteer driver for community college geology field classes for 29 years, helping students discover the natural sciences. He developed an interest in archaeology, attending conferences and classes to learn more, which led to his joining PCAS. He has visited and explored numerous rock art sites in California and Nevada.

Hank Koerper received his BA (history) and MA (anthropology) from UC Davis and his Ph.D. from UC Riverside in anthropology. After teaching at Chapman College for 5 years, he taught anthropology at Cypress Community College from 1975 until he retired nine years ago. Hank has been the primary site investigator for numerous local excavations. His recent research includes southern California prehistory. He continues an interest in athletic history with special emphasis on Native Americans in modern sports. He has published in American Antiquity, Journal of California and Great Basin Anthropology, Journal of Economic Botany, Journal of Anthropological Research, and he has articles in the PCAS Quarterly. Hank has been active in PCAS—serving as a past Board Member, PCAS speaker, and Curation Advisor. Currently, he is editor of the PCAS Quarterly.

Kathleen Shada has had a lifelong interest in archaeology and diverse people and cultures. She received her BA degree from UC Riverside in sociology and anthropology and her MA degree from CSU Dominguez Hills in sociology with an emphasis in ethnic and minority studies. Kathleen has been an active PCAS member for 10 years. She has enjoyed PCAS field trips and events. Kathleen has volunteered at the PCAS curation facility, Arch in the Park, Garfield Outreach, Prehistoric OC, and Smithsonian Day. She also has assisted with editing articles for the PCAS Quarterly and has regularly attended lectures and board meetings. Her avid participation as a PCAS member has demonstrated her dedication to PCAS’s mission and code of ethics.

October Speaker (continued from p. 1)

the basis for comparisons and additional insights regarding ritual behavior on the California Channel Islands.

Patricia Martz is Professor Emerita of Anthropology at California State University, Los Angeles, where she taught from 1989 to 2007. Her research interests and concerns include prehistoric coastal and island adaptations and the preservation of our diminishing archaeological and cultural sites. She was Principal Investigator for the San Nicolas Island Archaeological Research Program for over 15 years. This Legacy Grants-funded program has provided archaeological field training and research and publication opportunities for numerous students. In addition to several lengthy reports for the Navy on file at the South Central Coastal Information Center at CSU Fullerton, publications documenting work at San Nicolas Island include “Prehistoric Settlement and Subsistence on San Nicolas Island” in Proceedings of the Sixth California Islands Symposium (2005); “Complexity and the Late Holocene Archaeology of San Nicolas Island” in Catalysts to Complexity Late Holocene Societies of the California Coast. (2002); and “The Maritime Hunter-Gatherers of San Nicolas Island, California: An Analogy to Rapa Nui?” in Proceedings of the Pacific 2000 Conference, Hawaii. Dr. Martz served as Prehistoric Archaeologist for the State Historical Resources Commission (SHRC) from 1990 to 1997. Under her leadership, the SHRC Curation Committee produced the State Curation Guidelines. Currently, she is founder and president of the California Cultural Resources Preservation Alliance, Inc., a nonprofit organization of archaeologists, avocationalists, historians, and Native Americans working together to promote the protection and preservation of cultural sites.
CABINET PHOTOGRAPHS OF
THREE NATIVE AMERICAN HISTORICAL FIGURES

Henry C. Koerper

Washakie, 1870
Eastern Shoshone, Great Basin

Chief Joseph, ca. late 1870s
Nez Percé, Plateau

Since the white man has made a road across our land and killed off our game, we are hungry, and there is nothing for us to eat. Our women and children cry for food, and we have no food to give them [Chief Washakie].

My father was the first to see through the schemes of the white men. He said, “My son ... when I am gone ... you are the chief of these people. Always remember that your father never sold his country. You must stop your ears whenever you are asked to sign a treaty selling your home ... My son, never forget my dying words. This country holds your father’s body. Never sell the bones of your father and mother.” I pressed my father’s hand and told him I would protect his grave with my life... [Chief Joseph].

1, 2, 3
The life my people want is a life of freedom. I have seen nothing that a white man has, houses or railways or clothing or food that is as good as the right to move in open country, and live in our fashion [Sitting Bull].

Notes
2 The portrait of Washakie seated in front of a tent at an 1870 Shoshone encampment at the crest of South Pass, Wyoming, adjacent to U.S. Post Camp Stambaugh, was probably taken by William Henry Jackson, “Picture Maker of the Old West,” the official photographer for the U.S. Geological and Geographical Survey of the Territories, under the command of Ferdinand Vandeveer Hayden. In 1871 a Survey expedition entered the Yellowstone Valley. Documentation of the area’s natural wonders reaching the nation’s capital soon after convinced Congress to pass a bill in 1872 that established the world’s first national park. Some groups of Eastern Shoshone, Northern Shoshone, and Bannock traditionally traveled within what became Yellowstone National Park. All three of these ethnic entities are characterized as having status intermediate between Great Basin and Plains cultures.
3 Albumen photo from the author’s collection is shown 73 percent actual size. Albumen paper was the most commonly used medium for printing photographs in the nineteenth century. Prints were made by setting a glass negative onto albumenized paper in the presence of sunlight. The paper was prepared using egg whites sensitized with a solution of silver nitrate (see Moneta 1986:27).


SEPTEMBER BOARD MEETING SUMMARY

Submitted by Brian Steffensen

President Megan Galway called the meeting to order at 7:05 pm at the Old Courthouse in Santa Ana. PCAS Board Members present: Rene Brace, Linda Christison, Gail Cochlin, Scott Findlay, Jane Gott hold, Sherri Gust, Steve O’Neil, and Brian Steffensen. Members present: Bob Brace, Hank Koerper, and Kathleen Shada.

The June minutes were approved with corrections. The treasurer’s report was approved with all expenditures.

Old Business

Brian Steffensen, reporting for the Nominating Committee, stated that three PCAS members have agreed to stand for the Board election: Stephen Dwyer, Hank Koerper, and Kathleen Shada.

New Business

Joe Hodulik has reserved PCAS meeting locations for 2015. Because of increased postal rates, the Board unanimously agreed to increase the 2015 cost of domestic PCAS Quarterly and PCAS Newsletter subscriptions to $40 and $20 respectively. Membership fees will remain the same. PCAS will take part in Prehistoric OC at Ralph B. Clark Park on October 12 and the Rock Art Symposium on November 1.

Joe Hodulik’s Donation-Award table earned $189 at the September meeting for the PCAS Scholarship fund! Scott Findlay reported that there will be a field trip to the Inyokern area October 17-19. Hank Koerper reported that the Publications Committee is working on issues in memory of Jay von Werlhof.

The meeting was adjourned at 8:15 pm.
Exhibits

**Orange County Circa 1889** exhibits photos from the time Orange County broke away from Los Angeles County. The Old Orange County Courthouse, through October 10. Free. Information: [www.ocparks.com/historic/oldcourt](http://www.ocparks.com/historic/oldcourt).


**The Discovery of King Tut** displays reproductions of items from the pharaoh’s tomb. San Diego Natural History Museum, October 11, 2014 through April 26, 2015. Fee: timed ticket cost varies and includes museum admission. Information and ticket purchase: [www.sdnhm.org](http://www.sdnhm.org).


Lectures


Classes, Meetings, and Events

**Prehistoric OC**, presented by the Dr. John D. Cooper Archaeological and Paleontological Center, will celebrate archaeology, paleontology, history, culture, and science with exhibits, demonstrations, and hands-on activities for all ages. Ralph B. Clark Regional Park, October 12, 10 am–3 pm. Fee: Free, parking fee. Information: [www.jdcoopercenter.org](http://www.jdcoopercenter.org).

**Rock Art 2014**, San Diego 39th Annual Rock Art Symposium is sponsored by the San Diego Rock Art Association. Mingei International Museum, Balboa Park, San Diego, November 1, 8 am–5 pm. Fee: $25. Papers will be accepted until October 26, 2014, or until the program is full. Information and online registration: [www.sandiegorockart.org](http://www.sandiegorockart.org).

**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 nonprofit 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.

FIELD TRIPS

October 17-19, 2014
Inyokern Area
We plan to dry camp and visit nearby sites. This can be two- or three-day trip. Contact Scott Findlay (fieldtrips@pcas.org or 714-342-2534) for additional information.

November 1, 2014
Rock Art 2014
Join PCAS members at the Annual San Diego Rock Art Symposium now sponsored by the San Diego Rock Art Association. The lower registration fee is $25 and still includes a coffee cup. Information and online registration: www.sandiegorockart.org. PCAS members traditionally have dinner at a Chinese restaurant in San Diego after the conference. If you would like to join us, please contact Scott Findlay (fieldtrips@pcas.org or 714-342-2534) so he can make the appropriate reservations.

PCAS SPEAKER CALENDAR

November 13, 2014
Dr. Michael Moratto
The Peopling of the Americas: Current Perspectives

December 11, 2014 (Holiday Potluck)
Dr. Brian Fagan
The Intimate Bond: How Animals Changed History
2014 PCAS BOARD MEMBERS AND COMMITTEE CONTACTS

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<thead>
<tr>
<th>Office</th>
<th>Name</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Megan Galway</td>
<td><a href="mailto:president@pcas.org">president@pcas.org</a></td>
<td>714-539-6354</td>
</tr>
<tr>
<td>Vice-President</td>
<td>Scott Findlay</td>
<td><a href="mailto:vicepresident@pcas.org">vicepresident@pcas.org</a></td>
<td>714-342-2534</td>
</tr>
<tr>
<td>Secretary</td>
<td>Brian Steffensen</td>
<td><a href="mailto:secretary@pcas.org">secretary@pcas.org</a></td>
<td>714-348-9179</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Rene Brace</td>
<td><a href="mailto:treasurer@pcas.org">treasurer@pcas.org</a></td>
<td>714-544-6282</td>
</tr>
<tr>
<td>Historian/Librarian/Archivist</td>
<td>Jane Gothold</td>
<td><a href="mailto:librarian-archivist@pcas.org">librarian-archivist@pcas.org</a></td>
<td>562-947-6506</td>
</tr>
<tr>
<td>Native American Liaison</td>
<td>Steve O’Neil</td>
<td><a href="mailto:nativeamericanliaison@pcas.org">nativeamericanliaison@pcas.org</a></td>
<td>949-677-2391</td>
</tr>
<tr>
<td>Newsletter Editor</td>
<td>Sherri Gust</td>
<td><a href="mailto:newsletter@pcas.org">newsletter@pcas.org</a></td>
<td>714-245-0264</td>
</tr>
<tr>
<td>Refreshments</td>
<td>Gail Cochlin</td>
<td><a href="mailto:refreshments@pcas.org">refreshments@pcas.org</a></td>
<td>714-745-0815</td>
</tr>
<tr>
<td>Voting member</td>
<td>Linda Christison</td>
<td><a href="mailto:lindachristison@pcas.org">lindachristison@pcas.org</a></td>
<td>209-777-2613</td>
</tr>
<tr>
<td>Curator</td>
<td>Mark Roeder</td>
<td><a href="mailto:curator@pcas.org">curator@pcas.org</a></td>
<td>714-299-4150</td>
</tr>
<tr>
<td>Donation-Awards Coordinator</td>
<td>Joe Hodulik</td>
<td><a href="mailto:donation-awards@pcas.org">donation-awards@pcas.org</a></td>
<td>949-300-1864</td>
</tr>
<tr>
<td>Field Trips</td>
<td>Scott Findlay</td>
<td><a href="mailto:fieldtrips@pcas.org">fieldtrips@pcas.org</a></td>
<td>714-342-2534</td>
</tr>
<tr>
<td>Historian/Librarian/Archivist</td>
<td>Jane Gothold</td>
<td><a href="mailto:librarian-archivist@pcas.org">librarian-archivist@pcas.org</a></td>
<td>562-947-6506</td>
</tr>
<tr>
<td>Membership</td>
<td>Megan Galway</td>
<td><a href="mailto:membership@pcas.org">membership@pcas.org</a></td>
<td>714-539-6354</td>
</tr>
<tr>
<td>Programs Co-Chair</td>
<td>Joe Hodulik</td>
<td><a href="mailto:programs@pcas.org">programs@pcas.org</a></td>
<td>949-300-1864</td>
</tr>
<tr>
<td>Programs Co-Chair</td>
<td>Brian Steffensen</td>
<td><a href="mailto:programs@pcas.org">programs@pcas.org</a></td>
<td>714-348-9179</td>
</tr>
<tr>
<td>Publicist</td>
<td>Joe Hodulik</td>
<td><a href="mailto:publicity@pcas.org">publicity@pcas.org</a></td>
<td>949-300-1864</td>
</tr>
<tr>
<td>Quarterly Editor</td>
<td>Hank Koerper</td>
<td><a href="mailto:publications@pcas.org">publications@pcas.org</a></td>
<td>714-633-9287</td>
</tr>
<tr>
<td>Scholarship</td>
<td>Megan Galway</td>
<td><a href="mailto:scholarship@pcas.org">scholarship@pcas.org</a></td>
<td>714-539-6354</td>
</tr>
<tr>
<td>Website</td>
<td>Rene Brace</td>
<td><a href="mailto:info@pcas.org">info@pcas.org</a></td>
<td>714-544-6282</td>
</tr>
</tbody>
</table>

*PCAS Board Member

PACIFIC COAST ARCHAEOLOGICAL SOCIETY

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Name(s): ________________________________________________________________

Address: ___________________________________________________________________________________________________

City: ___________________________________ State: _________ Zip Code ___________

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Newsletters will be sent by email unless a mailed copy is requested.

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

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