OCTOBER PCAS SPEAKER
Dr. Alan Garfinkel

Religious Symbolism in Eastern California Ghost Dance Paintings

The Ghost Dance movements of 1870 and 1890 were revitalistic or millennial expressions (crisis rites). The central theme was that if Natives danced (the round or circle dance) and prayed the world would return to a natural, unharmed state before Euroamerican intrusion. The majority of anthropologists believe that the purpose of the dance was to bring back the dead (Native people and animals). The world would then return to the way it was before Euroamericans introduced their devastating diseases and destructive habits that nearly (Continued on p. 3)

DINNER WITH THE SPEAKER

Please join this month’s speaker, Dr. Alan Garfinkel, for dinner before the October 12 meeting, 6 pm, Mimi’s Café, 4030 Barranca Parkway, Irvine.

October is Archaeology Month.
Bring a friend to the meeting!
SEPTEMBER SPEAKER NOTES

People of the Restless Inland Sea: Human Adaptations to Ancient Lake Cahuilla

By Megan Galway

Dr. Michael Moratto introduced his presentation by noting archaeological studies of the past often focused on the most impressive sites and collections and, in fact, these are just a small percentage of the available evidence. He believes small, inconspicuous sites such as slave quarters are just as valuable as the mansions associated with them.

His presentation described his study of CA-Riv-6896/97 in the Coachella Valley near Indio. In an earlier surface survey of the area, 400 sherds were collected, and the site was declared worthless with no depth. Construction of a housing development was allowed on part of the site.

The site is located on the northern periphery of ancient Lake Cahuilla, which strongly affected local habitation areas. Lake Cahuilla was created by periodic diversions of the Colorado River from its delta on the Gulf of California to the low-lying Coachella Valley. Six high stands of the lake are known to have occurred between AD 850 and 1710, and at its maximum it was about 100 miles long by 30 miles wide with a surface 40 feet above sea level. In each case the lake slowly evaporated over about 100 years. The people of this area were (and still are) the Desert Cahuilla.

A major freeway improvement in the area required an additional study, and Dr. Moratto began this work in 2002 and continued until 2016. The area was surveyed and mapped, and remote sensing was employed. Pot breaks and bone scatters were found during the survey. Probable hearths were noted in backhoe trenches, and additional artifacts included Olivella barrel beads and various pottery vessel forms, which were apparently trade items. In August 2007 an evaluation report recommended National Register recognition, which was approved.

Data recovered from the site showed a dependence on the lake environment, and radiocarbon dates correlated with the known lake high stands. Resources included freshwater mollusks, fish, water birds, turtles, some upland birds, and small and larger mammals. Inhabitants also harvested aquatic and shoreline plants and mesquite beans and processed them with milling slabs, manos, mortars, and pestles. Cooking was done with small, saucer-shaped fire pits. Ceramic vessels were manufactured and used, and stone implements were flaked locally, but the material was sourced from outside the immediate area.

Riv-6896/97 does not appear to be a permanent habitation site because no house floors or middens were noted. Some people died and were cremated in the area but not enough to indicate a permanent village. Evidence indicates a population dependent on lacustrine products and moving as the water rose and fell. They were in contact with other groups and appear to have traded over a wide area.

PCAS 2017 Gloria Bogdan Memorial Scholarship recipient Robert Baker (center) with Scholarship Committee members Megan Galway and Joe Hodulik at the September meeting.
September Speaker (continued from p. 1)
destroyed the Native Great Basin people—in essence, a new heaven on earth. There were strong elements of rain shamanism, a theme of resurrection, eagle feather metaphors, and white horse oral tradition interfingered into Ghost Dance lore. In eastern California, a number of historic, multicolored Native American rock paintings have been documented that are extraordinarily rich in imagery including an extensive array of representational elements. These paintings are different from most conventional Numic paintings that are predominantly monochromatic, rendered in only red, abstract imagery. These rock paintings are a window into the worldview of Native people and provide some amazing insights into the religious meaning and metaphor of the Ghost Dance religion and Numic (Great Basin Paiute Shoshone) cosmology. New technologies (Dstretch, computer aided color enhancements, deconstruction of superimposition, and color sequencing) have provided some new discoveries. Greater insight into deeper meanings has come from intense literature study and improved physical documentation.

Dr. Alan Garfinkel is a California and Great Basin anthropologist/archaeologist. He is principally known for his work with the indigenous people of the Far West and for his studies of Native American rock art in California and the Great Basin. He is recognized for his pioneering studies in the regional prehistory of eastern California, the far southern Sierra Nevada, and the southwestern Great Basin. He holds active research interests in forager ecology, Native American consultation in cultural resource management contexts, rock art studies, and the peopling of the Americas. He is a recognized authority on the Coso Range rock art traditions and Coso region prehistory in general.

Dr. Garfinkel received his BA at CSU Northridge and his MA and Ph.D. at the University of California, Davis. His employment career includes the Far Western Anthropological Research Group, Applied Earthworks, California Department of Parks and Recreation, Bureau of Land Management, United States Forest Service, California Department of Transportation, Bakersfield Community College, and AECOM. He is currently Principal Archaeologist for UltraSystems Environmental, Inc. in charge of their work in the Western United States and Pacific Rim. Dr. Garfinkel is also founder and director of the California Rock Art Foundation, Inc., a 501(c)(3), nonprofit, scientific and educational conservation organization dedicated to the preservation and enhanced of indigenous rock art resources in Alta and Baja California. He has authored five books including Prehistory of Kern County, Archaeology and Rock Art, and the Handbook of the Kawaiisu and has formally published 50 scientific articles in various academic journals. He is the recipient of both the 2008 and 2011 California State Governor’s Award for Historic Preservation.

2017 SCA MINI-GRANT

PCAS is a recipient of an SCA Archaeology Month Mini-Grant which covered our expenses for our June outreach to 120+ Garfield Elementary School fifth-grade students. Thank you, SCA!

CURATION WORKDAY

When: October 7, 2017, 1 pm
Where: PCAS Curation Facility
Red Car Building

Everyone is welcome. No experience necessary! Please contact Mark Roeder (714-299-4150, curator@pcas.org) or Scott Findlay (714-342-2534, fieldtrips@pcas.org) for directions and to let us know you will be coming.

PREHISTORIC OC 2017

Saturday, October 14, 2017
10:00 am–3:00 pm
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 Scott Findlay at fieldtrips@pcas.org or 714-342-2534.
Two Eskimo Fishing Sinks

Henry C. Koerper

(Continued from the September Newsletter)

Part Two

The 31 g sinker seen in Figure 4 arrived as one component of an Eskimo line fishing outfit that included a 57 cm long, 15–16 mm diameter, wooden rod, notched at both ends, around which wrapped its 10 m line when the equipment was not in use. A 29 cm leader was tied onto the line, and the narrow end of the sinker was attached at the leader’s far end. At the sinker’s larger end there attached an 8 cm string that at one time engaged a metal hook. See Nelson (1899:Plate LXVIII) for illustrations of numerous and varied line fishing kits.

The dark, roundish areas seen at each side, barely rising above surface level, are weight-loading lead insets occupying through and through drilled holes. The lead may have been from musket balls of Russian origin. The patterning of black mastic or colorant suggests that several strips of some kind of material once wrapped onto the sinker.

For the reader seeking additional information on Eskimo sinkers, consult especially Collins (1937:140–143, 226–228, Plate 36). See also Nelson (1899:173–183, Plate LXIX). The Point Vicente Interpretive Center, Rancho Palos Verdes, has now placed on display both the net sinker (see PCAS Newsletter, August-September issue) and the fishing line sinker.

References Cited

Collins, Henry B., Jr.

Nelson, Edward William
PCAS ANNUAL MEETING AND ELECTION

The PCAS Annual Meeting and Election of Directors will be held on November 9, 2017, 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 12, 2017 (date of record). Membership forms and payment must be received by October 12, 2017—either delivered to the PCAS mailing address (postmarks will not be considered) or hand delivered to either Treasurer Bob Brace or Membership Chair Megan Galway at the October 12th 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 9, 2017 PCAS Annual Meeting to cast your ballot! A quorum is necessary for this election.

The PCAS Nominations Committee presents the following nominees:

Scott Findlay has been an active member of PCAS for 20 years. As an avocationalist, he has attended local archaeological field schools, and his interests also include geology, botany, biology, and astronomy. He has served as PCAS President, and he is currently Field Trips Co-Chair and a Curation Facility manager. Scott has been a regular volunteer for outreach events, provides logistical support for the monthly General Meetings, and attends all Board Meetings. He has a special interest in the study and protection of rock art sites.

Jane Gothold has a BA from Whittier College and also holds a Kindergarten-Primary teaching credential. She is a founding member of PCAS (1961) and has held many leadership positions—President (3 times), Vice President/Program Chair, Treasurer, Curator, Site Director of the China Ranch Project since 1971, and member of the Quarterly Committee. Jane is a Life Member of PCAS and the California Society for Archaeology (SCA). She served as SCA Treasurer for 14 years. Jane’s interests and efforts have been directed at public outreach and education. She currently serves as PCAS Historian/Librarian and is a member of Board for the Old Courthouse Museum Society. She is also a member of the Historic Resources Commission for the City of Whittier.

Stephen O’Neil has been a member of PCAS since 1974 and has long supported its goal of responsible public archaeology in California. His early experience in field archaeology includes PCAS excavations in 1975, and his first publication was a projectile point drawing in Smoke Signals, as the PCAS Newsletter was then called. He was a member of the Quarterly Committee, is a past President of the Society, and currently serves as the Society’s Native American Liaison. Stephen received his BA in anthropology in 1979 and his MA in 2002. His interest is ethnography and ethnography, working with contemporary Native American communities. His professional work includes excavation, survey, and report writing to support site interpretation. Steve is employed by UltraSystems Environmental as its Cultural Resources Manager. His background provides a link between the PCAS Board and the professional and Native American communities.

SEPTEMBER BOARD MEETING SUMMARY

President Sherri Gust called the September 16 meeting to order at 12:15 pm at the Red Car Building, Santa Ana. PCAS Board members present: Bob Brace, Gail Cochlin, Megan Galway, Joe Hodulik (via speaker phone), Kathleen Shada, and Brian Stefansen (via speaker phone). PCAS members present: Rene Brace, Scott Findlay, and Jane Gothold (via speaker phone).

The June minutes were approved, and the Treasurer’s report was approved with expenditures. It was noted that PCAS received a $277 SCA mini-grant for Garfield Elementary outreach expenses.

Joe Hodulik received $198 in donations for the Scholarship fund in September! The Board approved returning sensitive materials from four sites. The Native American Heritage Commission will be contacted. Room reservations for the IRWD Community Room and Duck Club have been secured for 2018. For the months of April, June, and October, lecture meetings will be on the third Thursday of the month. Steve Dwyer reported that the field trip to Vandenberg AFB and Swordfish Cave will be on October 20.

The meeting was adjourned at 1 pm.

OCTOBER FIELD TRIP

Friday, October 20, 2017
Vandenberg AFB and Swordfish Cave

This is a full-day field trip that will visit archaeological sites on the base. Contact Steve Dwyer (fieldtrips@pcas.org or 714-969-1911) no later than September 29 to reserve your space. You will need to submit information for a base security check.
Lectures


The Pharaohs of Anubis-Mountain: Recent Investigations in a Royal Necropolis at Abydos, Dr. Josef Wegner (University of Pennsylvania). An ARCE lecture, Bowers Museum, October 14, 1:30 pm. Fee: $12; Bowers and ARCE members free. Information: www.bowers.org or 714-567-3677.


Classes, Meetings, and Events (continued)

Prehistoric OC, sponsored by the Cooper Center and OC Parks, Ralph B. Clark Regional Park, 8800 Rosecrans Ave, Buena Park, October 14, 10 am–3 pm. Free (parking fee). Information: www.jdcoopercenter.org/community-events.

Malki Museum’s Fall Gathering will have Native food displays and tasting, Cahuilla Bird Singers and Bird Dancers, basket weaving demonstrations, etc. Malki Museum, 11759 Malki Road, Banning, October 14, 10 am–4 pm. Free; lunch with suggested donation. Information: www.malkimuseum.org.


14th Annual Archaeology Weekend will celebrate the Colorado Desert Archaeological Society’s 21 years of volunteer service and include lectures, demonstrations, tours of the Begole Archaeology Lab, and field trips. Anza-Borrego Desert State Park Visitor Center, October 28–29. Information: http://theabf.org/2017-archaeology-weekend.

Rock Art 2017, sponsored by the San Diego Rock Art Association, will be held at the San Diego Community College District Educational Cultural Complex Theatre, 4343 Ocean View Blvd, Room 159, San Diego, November 4, 9 am–4:30 pm. Fee: $25. Information and online registration: 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.

JOIN PCAS MEMBERS AT ROCK ART 2017

Rock Art 2017, sponsored by the San Diego Rock Art Association, will be held on November 4 at the spacious San Diego Community College District Educational Cultural Complex Theatre with free parking. PCAS will have an information and Quarterly sales table. Information and online registration: www.sandiegorockart.org.

PCAS SPEAKER CALENDAR

November 9, 2017
Dr. Janine Gasco
Four Thousand Years of Cacao Cultivation and Consumption in Mesoamerica

December 14, 2017 Holiday Dinner Meeting
Dr. Dennis L. Jenkins
Archaeology and Science at the Paisley Caves

January 11, 2018
Bernie Jones and Dr. Chris Drover
Flower World Iconography and Metaphor of the Southern Colorado

February 8, 2018
Dennis Gallegos
First People—A Revised Chronology for San Diego County
# 2017 PCAS Board Members and Committee Contacts

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# PACIFIC COAST ARCHAEOLOGICAL SOCIETY

## 2017 Calendar Year Membership and Subscription Form

Name(s): _____________________________________________________________

Address: ______________________________________________________________________

City: ___________________________ State: __________ Zip Code __________

Phone: __________________________ Email: __________________________

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 ____________________________

**Membership** (Includes Quarterly/Newsletter)

- [ ] Active Member - $45
- [ ] Family Membership - $50
- [ ] Supporting Member* - $55
- [ ] Donor Member* - $75
- [ ] Lifetime Member* - $1000

* May be individual or family membership

**Subscription Only**

- [ ] Quarterly - $40
- [ ] Newsletter - $20

**Scholarship Fund**

- [ ] Donation $________

- [ ] Student Associate - $10 (email Newsletter only)

Return form with payment to:

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

www.pcas.org