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PCAS NEWSLETTER

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NOVEMBER PCAS SPEAKER

Dr. Edward J. Knell

**Quarry-Centered Lithic Technological
Organization around Ancient Lake Mojave,
Eastern Mojave Desert, California**

During the past two summers Dr. Knell, undergraduate, and graduate students from California State University, Fullerton (CSUF), undertook an archaeological survey on the eastern flank of the Soda Mountains in the northwestern corner of the Mojave National Preserve. The project sought to reconstruct how prehistoric peoples procured lithic raw material and manufactured, used, and transported blanks and/or tools away from the survey area. Fourteen small and large lithic scatters, workshops, and secondary quarry areas were located on a single alluvial fan. The alluvial fan contains some 15,000+ chipped stone artifacts, 2,213 of which were analyzed (but left in the field). Pertinent data were collected to address the research questions.

The data indicate that prehistoric hunter-gatherers around Soda Lake procured, and in some cases quarried, black and green tabular felsite. Nearly all the artifacts represent the early stages of multidirectional core and biface core reduction for the purposes of creating usable blanks, as well as early stage biface tool blank manufacture. Very few tools were identified, suggesting that while the early stages of blank production occurred within the project area the purpose of the procurement and manufacturing efforts was to create and transport usable blanks away from the area.

Dr. Knell is an assistant professor in the Department of Anthropology at California State University, Fullerton. He received his Ph.D. in Anthropology *(continued on p. 4)*

DINNER WITH THE SPEAKER

Please join this month's speaker, **Dr. Edward J. Knell**, and PCAS members for dinner before the November 11th General Meeting. **We will meet at 6 pm at Mimi's Café, 4030 Barranca Parkway, Irvine.**

PCAS MEETINGS CALENDAR

ANNUAL AND ELECTION MEETING

Free and Open to the Public

November 11 - 7:30 pm

Speaker: Dr. Edward J. Knell

Topic: *Quarry-Centered Lithic Technological Organization around Ancient Lake Mojave, Eastern Mojave Desert, California*

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

November 18 - 7:00 pm

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

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Please attend the November 11th Annual and Election Meeting - a quorum is necessary!

OCTOBER SPEAKER NOTES

Archaeological Field Schools in California and the American Southwest: Historical Perspectives and Personal Reflections

Submitted by Megan Galway

Dr. Steven James presented the history of field schools in the American Southwest and California, along with stories of early archaeologists and the development of the discipline. The first recorded field school was led by Edgar Lee Hewitt who had been active in the development of the 1906 Antiquities Act. Among his first field school participants were Alfred Kidder and Sylvanus Morley who went on to be noted leaders in the field of Southwestern archaeology. Dr. James noted the participants were given little guidance or equipment and were dropped off in the research area with the assurance that Hewitt would be back to fetch them in a few weeks. That first year they conducted surveys in McElmo Canyon and Mesa Verde and excavated at Puye Ruins. At field schools the following year, Morley excavated at Cannonball Ruins and Kidder at Alkali Ridge.

Field schools were unknown in California until the 1930s, and the first ones were conducted by Sacramento Junior College. Dr. James suggested the difference between early research in the Southwest and California was based on a number of factors. Earlier archaeology was focused on collecting for museum display, and collectors often ignored less impressive artifacts and other evidence of habitation. For the most part, early California researchers were ethnographers, who concentrated on the preservation of languages and lifeways as European settlers migrated westward. The Southwest had ruins and spectacular pottery, not to be found in California.

Alfred Kroeber was a student of Franz Boas and the second American student to receive a Ph.D. in Anthropology. He is best known for being the caretaker of Ishi, the last Yahi Indian. Kroeber believed there was little time depth or culture change in California prehistory, but at UC Berkeley he went on to develop an impressive archaeology program and began conducting field schools in northern California.

Dr. James spoke of his own experiences in archaeology and his interest in field schools. His family farm was in the traditional range of the Northern Sierra Miwok, and one of his early excavations was of an area of bedrock mortars. He showed photographs of the excavation, noting that he had not yet had any education in archaeology and his techniques were less than professional. He also showed slides of some of his projects prior to coming to CSUF seven years ago. These included an underwater project off Padre Island, a historic archaeology excavation outside the main entrance of the Alamo, and the excavation of a mammoth skeleton in the Black Rock Desert of Nevada. He noted the mammoth was dated to 20,000-18,000 BP and so most likely pre-dated human occupation of the area.

Since 2003, Dr. James has been a professor of archaeology in the Anthropology Department at CSUF. During



Program Chair Joe Hodulik with October speaker Dr. Steven James.

this time he has conducted 14 field schools, seven in Southern California and seven in Arizona. The local projects, conducted during the school year, have included work on San Nicolas Island, at Wildwood State Park in Yucaipa, and at Abalone Cove in Rancho Palos Verde. In the summer field school seasons Dr. James takes his students to Arizona where they've been working at Honanki Ruins near Sedona.

Dr. James' presentation was supported by many photographs, both historic and personal, and he brought to life many of the well-known names in American archaeology. It was also good to see the number of his students who took the time to attend this presentation.

PCAS SPEAKER CALENDAR

December 9, 2010 (Holiday Potluck Dinner)

Dr. John Johnson

Clues to California Indian Prehistory as Revealed by DNA Analysis

January 13, 2011

Dr. Jerry D. Moore

From Campsite to Village to Town: The Origins of Settled Village Life in the Equatorial Andes—Recent Data, New Insights

February 10, 2011

Dr. David S. Whitley

Mojave Desert Petroglyph Dating and the Peopling of the Americas

March 10, 2011

Dr. Nancy Anastasia Wiley

Industries and Tool Kits at Bolsa Chica

April 14, 2011

Dr. Nancy Anastasia Wiley

Bolsa Chica Bead Chronology

OCTOBER BOARD MEETING SUMMARY

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

The September 2010 minutes were approved. The treasurer's report and expenditures were approved.

Old Business

Sherri Gust is pursuing the donation of an updated computer to maintain the society's digital records. The exhibit crates have been removed from the library, and we again have room to work. The Board plans to thin our collection to make it more relevant, and Board members agreed to spend some time on this project prior to the November Board meeting.

New Business

Our Annual Holiday Dinner at the Duck Club will again be a potluck. A sign-up sheet will be available at the November meeting. Regular access to the Duck Club will be closed due to construction—a detour map will be in the December Newsletter and posted online. PCAS members will attend the annual Museum of Man Rock Art Conference on November 6th, with the book table team led by **Bob Brace**. In an effort to reduce costs, the Board will continue to encourage electronic delivery of our Newsletter. We will also hand-deliver the Quarterly whenever possible. The Board will decline requests from other organizations to forward promotional material to our email list, and we will ask that information be sent to us early enough to include in the Newsletter or posted at our meetings. We will continue to have a greeter at our meeting sign-in table and encourage members and guests to wear nametags. **O'Neil, Galway, and Cochlin** were appointed to the election committee to distribute and count ballots as necessary.

Committee Reports

Joe Hodulik's donation/award table generated \$99 in October! PCAS Quarterly Volume 44(2) was prepared for mailing prior to the meeting. Volume 44 (3&4)—a double issue on California pottery—is expected at the beginning of next year. We received three new memberships in the past month and attribute this in part to our outreach events. **O'Neil** reported on the success of the 25th California Indian Conference at UCI. PCAS received sponsorship acknowledgment on the event poster. The meeting was adjourned at 8:07 pm.

PCAS ANNUAL MEETING AND ELECTION

The 2010 PCAS Annual Meeting and Election will be held on November 11, 2010, 7:30 pm, at the Irvine Ranch Water District, Irvine.

A quorum of members is necessary for the election to take place. You must be physically present to vote. Our by-laws prohibit proxy voting. **Please plan to attend!**

PCAS members will elect three Board Members to 3-year terms. The Nomination Committee has recruited three candidates (see below) to stand for election. Their full biographies were printed in the October *PCAS Newsletter* (available at www.pcas.org). 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. Although ballots will be distributed as members arrive, please be aware that additional names may be placed in nomination, and voting will not take place until after floor nominations are closed.

The nominees are:

Bob Brace has been a PCAS member since 1997 and served on the Board as Treasurer from 2005 through 2007. Currently, Bob handles *Quarterly* order inquiries and sales at conferences.

Linda Christison received her MA in anthropology from CSUF in 2000. She volunteers at PCAS curation and at outreach events.

Hank Koerper received his Ph.D. from UC Riverside in anthropology. He has served as a past Board member, PCAS speaker, and Curation Advisor. Currently, he is co-editor of the *PCAS Quarterly*.

JOIN US AT ROCK ART 2010

PCAS members will attend the day-long Museum of Man's 35th Annual Rock Art Symposium, November 6 at the Otto Auditorium in Balboa Park. During breaks and lunch, PCAS will man a *PCAS Quarterly* sales and information table.

The symposium registration form is available online at www.museumofman.org/rock-art-2010. Registration begins at 8 am, but preregistration is recommended (registration form can be faxed). Plan to join PCAS members for dinner in San Diego after the conference.

MORE ON ABALONE PEARLS

Submitted by Henry C. Koerper

A recent Quarterly (Vol. 43, No. 3) article dealing with prehistoric employments of pearls in coastal southern California illustrated two abalone free pearls. The article noted that the shapes of such pearls are usually irregular. The more irregular specimens are designated as “baroques.” This note adds some small information to the subject that PCAS members may find interesting.

Perhaps about one in 50,000 abalones will harbor a free pearl. Baroques are especially sought after by artisans who craft fine jewelry. These pearls are often set into gold and/or platinum bezels. Obviously, the more aesthetically pleasing the shape and the greater the size, the higher the price tag.

The largest abalone pearl known weighs 685 carats (Guinness Book of World Records). The abalone pearl of perhaps the greatest linear measurement (about 9 cm) falls to the baroque category (see photo below). It had grown in a green abalone that lived in the coastal waters of Oregon and is now owned by David Burton (Burton’s Gems and Opals, Hobby City, 1228 S. Beach Blvd., Anaheim) who graciously allowed me to photograph it. Burton’s Gems and Opals is the oldest working lapidary establishment in the United States.



Baroque abalone pearl.

November Speaker *(continued from p. 1)*

From Washington State University, Pullman, in 2007. His archaeological research focuses on Late Pleistocene/Early Holocene human adaptations, land use, and the organization of lithic technology in the western United States, with particular emphasis on Late Paleoindians of the Great Plains. Dr. Knell also has a research project around ancient Lake Mojave in the eastern Mojave Desert of California that will be the focus of the PCAS lecture. Though regionally distinct, the California and Great Plains research provides important clues to Late Pleistocene/Early Holocene human adaptations.

PCAS OUTREACH

Dig It! Archaeology Fair

In celebration of Archaeology Month, PCAS participated in the very successful OC Parks’ Heritage Hill archaeology event on October 3rd. Volunteers: Tom Bogdan, Bob and Rene Brace, Linda Christison, Gail Cochlin, Nina DeLorenzo, Sydney Eilenberg, Scott Findlay, Megan Galway, Ardy Haworth, Joe Holiduk, Jenell Mort, Steve O’Neil, and Kathleen Shada.



Learning about rock art symbols and pigments.



Pottery making with Tom Bogdan.



Archaeology Fair volunteers.

PCAS HOLIDAY DINNER

Join us!

**THURSDAY, DECEMBER 9TH
THE DUCK CLUB*, IRVINE
6PM**

2nd Annual Potluck (no additional cost)

This year's dinner speaker is Dr. John Johnson:

Clues to California Indian Prehistory as Revealed by DNA Analysis

Lecture at 7:30 pm - free and open to the public

1. Bring a dish to share.
2. Your contribution should serve six people.
3. Your contribution can be volunteering to setup and cleanup.
4. The Duck Club does not allow alcoholic beverages.
5. Space at the Duck Club is limited - sign up early.
6. Bring your food in a disposable container if you want leftovers donated.



Categories of food to bring:

- Appetizers
- Entrées
- Side Dishes
- Desserts

CRM Firms

Help out by sponsoring a spiral cut ham, turkey, roast beef, etc.

Sign up at the November meeting or by emailing Sherri Gust, Newsletter@PCAS.org, and let us know what you are bringing.

Directions to the Duck Club are available at www.pcas.org (click on Latest News on left menu) and will be in the December PCAS Newsletter. Access to the Duck Club involves a detour because of IRWD construction.

DIG THIS...



Exhibits

Lewis & Clark Expedition Across America at Mission San Juan Capistrano (West Wing), November 1 through March 2011. Free with mission admission. Information: www.missionsjc.com or 949-234-1300.

Lectures

A Rose-Red City Half As Old As Time, by Wanda Raschkow, a lecture of the Coachella Valley Archaeological Society. Cathedral City Community Center, 37-171 West Buddy Rogers, November 2, 6:30 pm. Free. Information: www.cvarch.org.

Update on KV 63: The Newest Tomb in the Valley of the Kings, by Dr. Otto Schaden, an ARCE lecture. Bowers Museum, November 6, 1:30 pm. Free. Information: www.bowers.org or 714-567-3677.

The Garra Uprising, by George Harwood Phillips, Ph.D. (author of *Chiefs and Challengers: Indian Resistance and Cooperation in Southern California*), a lecture of the Anza-Borrego Foundation. Borrego Springs Performing Arts Center, Borrego Springs, November 13, 7:30 pm. Fee: \$5. Information: <http://theabf.org> or 760-767-0446.

Etruscan Votive Objects and Their Archaeological Context: A Look at Ritual Practice, by Helen Nagy, a lecture of the AIA, Orange County Society. DeNault Auditorium, Grimm Hall, Concordia University, Irvine. November 14, 2 pm. Fee: \$5; Fee: \$5; students and members free. Information: www.aia-oc.org.

Check It Out: An Update on the Library Collections of the San Diego Archaeological Center, by Suzanne Moramarco. San Diego Archaeological Center, November 19, 12 noon. Fee: free with center admission. Information: www.sandiegoarchaeology.org or 760-291-0370.

The Native American Landscape of Orange County, by Stephen O'Neil, will discuss the Acjachemen and Tongva who integrated the natural landscape with their social world and mythology. A lecture of the Native American Institute, Orange Education Center, 1465 N. Batavia Street, Orange, Conference Room

105, November 19, 7 pm. Free. Information: 714-879-1337 or www.ocnai.org.

Barona Cultural Center & Museum's 10th Anniversary, by Cheryl Hinton (Director and Chief Curator). Free. A lecture of the San Diego County Archaeological Society, Los Peñasquitos Ranch Adobe, November 23, 7:30 pm. Free. Information: www.sandiegoarchaeologicalsociety.com.

Echoes of the Ancient Skies, by E.C. Krupp and Roy Hamilton, an OutSpoken Lecture. Fowler Museum at UCLA, December 5, 2 pm. Free; charge for parking. Information: www.fowler.ucla.edu or 310-825-4361.

Classes, Meetings, and Events

14th Annual Coachella Valley Archaeological Society Symposium will be held at the Pollock Theatre, College of the Desert, November 13. Free. Information: Ellen Hardy, ehardy@collegeofthedesert.edu.

Advanced Basket Weaving, by Diania Caudell (Luiseño). San Diego Archaeological Center, November 13, 10 am-2 pm. Fee: \$50; members \$35. Information: 760-291-0370 or www.sandiegoarchaeology.org.

California Heritage Day - Twelve Flags over California will celebrate the signing of California's first constitution. Heritage Museum of Orange County, November 14, 10 am-4 pm. Free. Information: www.heritagemuseumoc.org or 714-540-0404.

Milling Around Mine Wash, with Hank Barber, will visit Yaqui Well and the Kumeyaay village at Mine Wash. The Anza-Borrego Foundation, November 21, 10 am-2 pm. Fee: \$15. Information and registration: www.theabf.org or 760-767-0446.

Websites

Visit www.pcas.org for all the latest news.

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.

CURATION WORKDAYS

November Workday

When: November 13, 1 pm

Where: Red Car Building

We will finish the inventory of the PCAS Coyote Canyon Cave collection and begin work on the CA-ORA-291 (French Cave) collection excavated by PCAS in the 1970s. Everyone is welcome. No experience necessary! Please contact **Mark Roeder** (714-241-8880, curator@pcas.org) or **Rene Brace** (714-544-6282, info@pcas.org) for directions and to let us know you will be coming.

October Workday

With the many volunteers working the past few months, we have nearly completed the ORA-236 (Coyote Canyon Cave) collection with only a partial old box left to inventory and rebag.

Volunteers at the October workday: **Bob and Rene Brace, Linda Christison, Scott Findlay, Megan Galway, Dana Guzman, Ardy Haworth, Mark Roeder, Tony Sawyer and his son Michael, and Susan Underbrink.**



October Curation Workday.

2010 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
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*Secretary	Megan Galway	secretary@pcas.org	714-539-6354
*Treasurer	Rene Brace	treasurer@pcas.org	714-544-6282
*Historian/Librarian/Archivist	Jane Gothold	librarian-archivist@pcas.org	562-947-6506
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Website	Rene Brace	info@pcas.org	714-544-6282

*Denotes PCAS Board Member

PACIFIC COAST ARCHAEOLOGICAL SOCIETY

2011 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)

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

* May be individual or family membership

Subscription Only

- Quarterly* - \$37
- Newsletter* - \$18
- Student Associate - \$10 (email Newsletter only)

Scholarship Fund

Donation \$ _____

Return form with payment to:

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

www.pcas.org