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# PCAS NEWSLETTER

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## MAY PCAS SPEAKER

**Dr. Mark Q. Sutton**

### The Takic Expansions and a New Interpretation of Southern California Prehistory

Beginning sometime about 3,500 BP, a new Takic population from the north entered the Los Angeles Basin and replaced the Encinitas Tradition groups there. This new Takic tradition, named the Del Rey Tradition, spread all across the Los Angeles region and onto the southern Channel Islands and eventually developed into the ethnographic Gabrielino. After about 1,250 BP, Takic language and other traits diffused south and east into existing Yuman groups, creating the newly defined Palomar Tradition. These Yuman people, now speaking Takic languages, would become the ethnographic Luiseño, Cupeño, Cahuilla, and Serrano of that region. This model, explained in this presentation, has a profound impact on our understanding of southern California prehistory.

Mark Q. Sutton began his career in anthropology in 1968. While still in high school, he took advantage of the opportunity to participate in archaeological excavations conducted by the local community college. He went on to earn a BA (1972), an MA (1977), and a Ph.D. (1987) in anthropology. He has worked as an archaeologist for the US Air Force, the US Bureau of Land Management, and various private consulting firms and taught at a number of community colleges and universities. He taught at California State University, Bakersfield from 1987 to 2007 where he retired as Emeritus Professor of Anthropology. (*continued on p. 3*)

## DINNER WITH THE SPEAKER

Please join this month's speaker, Dr. Mark Sutton, and PCAS members for dinner before the May 12th 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*

**May 12 - 7:30 pm**

**Speaker:** Dr. Mark Q. Sutton

**Topic:** *The Takic Expansions and a  
New Interpretation of Southern  
California Prehistory*

**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*

**May 19 - 7:00 pm**

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

## INSIDE THIS ISSUE

- 2 April Speaker Notes
- 2 Speaker Schedule
- 3 Call for Volunteers
- 3 April Board Meeting Summary
- 5 A Tribute to Bob Begole
- 6 Dig This—Exhibits, lectures, and more
- 8 Membership form

## APRIL SPEAKER NOTES

### **Bolsa Chica Archaeology:** **Part Four: Mesa Production Industries**

*Submitted by Megan Galway*

Dr. Nancy Anastasia Wiley, Destiny Colocho, and Andrew Garrison of Scientific Resource Surveys, Inc. presented an overview of production technologies on Bolsa Chica Mesa. Dr. Wiley began her presentation by reviewing the bead taxonomic hierarchy graphic included in the last PCAS newsletter. She noted that the hierarchy was based on one published by Bennyhoff and Hughes in 1987, but it has been expanded based on the SRS studies. Previous studies of bead production in the area included Harold Plante's map showing locations of Tivela clam shell and artifact collection and projects in the teens and twenties recognizing production industries. Beads were known to have been produced on the Channel Islands and traded to the mainland.

In 1897 John Hudson described wampum making by the Pomo Indians in the Ukiah area of northern California. Men and women of the tribe were able to forecast the time of extreme low tide at Bodega Bay and would walk the 80 miles from Ukiah to the coast in two days. They collected clams and kelp and carried them back to Ukiah in burden baskets weighing up to 120 lbs. The water at the collection site was rough and dangerous, and no children were taken on the expeditions. Shells at the production site were a combination of whole and water-worn clams and were bi-conically drilled with a pump-drill. They were then strung on a willow twig and rolled on a sandstone slab to round and smooth the edges. The thicker hinge portions of the shells were made into long beads of higher value. Although bead production was said to be man's work, the finished beads seem to have been controlled by the women, being worn as jewelry and used to decorate such items as baskets. These items were known to have been used to pay their husbands' gambling debts.

Destiny Colocho spoke of the importance of hammerstones in the Bolsa Chica study, based on the ability to identify use-wear to various types of manufacture. Different types of hammerstones—or different areas of the stone—were used for pecking, grinding, or flaking, and these actions can be identified in the finished product. The same kind of hammerstones were used for both metates and cogstones. Hammerstones needed to be hard and heavy for groundstone production, and some would be



**Program Chair Joe Hodulik with April speakers Destiny Colocho, Dr. Nancy Anastasia Wiley, and Andrew Garrison.**

beveled to create a sharp edge to remove large flakes. Cogstones were generally made of basalt, tuff, or sandstone, shaped with harder, beveled-edged hammerstones and then polished. It was suggested that women would have manufactured manos and metates; they also may have been responsible for cogstone manufacture.

Andrew Garrison presented his studies of lithic reduction on the mesa. He noted the primary method appears to be bi-polar reduction, where the cobble is placed on an anvil and hit from above with a hammerstone. This causes radial breaking and does not leave a core. The debitage may be easily transformed into tools, and a large percentage of tools found on the site were drills.

## PCAS SPEAKER CALENDAR

**June 9, 2011**

**Russell L. Kaldenberg**

*A Look at the Life and Times of Jay Crawford von Werlhof (1923-2009)*

**No Meetings in July and August**

**September 8, 2011**

**Daniel J. Reeves**

**October 13, 2011**

**Dr. René L. Vellanoweth**

**November 10, 2011**

**Dr. Donn Grenda**

## CALL FOR VOLUNTEERS

PCAS members will be presenting Archaeology Day to Garfield Academy students on May 4, 10:30 am to 12:45 pm (set-up should begin at 9:30 am). We will pair new volunteers with those experienced in the activity. The students at Garfield are a pleasure to work with and truly appreciate this outreach event. If you can assist with this event, please contact Scott Findlay at [president@pcas.org](mailto:president@pcas.org) or 714-342-2534.



Shells and making a shell necklace. Garfield Archaeology Day, 2010.



Fossils and casts. Garfield Archaeology Day, 2010.

### May Speaker *(continued from p. 1)*

He now works for Statistical Research, Inc. in San Diego. From 1986 to 2000, Dr. Sutton served as the Editor of the Journal of California and Great Basin Anthropology. He has investigated hunter-gatherer adaptations to arid environments, entomophagy, prehistoric diet and technology, optimal foraging theory, and regional culture histories. Dr. Sutton has worked at more than 120 sites in western North America, has presented more than 120 papers at professional meetings, and has authored more than 170 books, monographs, and papers on archaeology and anthropology, including several articles in recent issues of the *Pacific Coast Archaeological Society Quarterly*.

## APRIL BOARD MEETING SUMMARY

*Submitted by Megan Galway*

President Scott Findlay called the meeting to order at 7:15 pm at the Old County Courthouse, Santa Ana, California. Board members present: **Bob Brace, Megan Galway, Joe Hodulik, Hank Koerper, Steve O'Neil** and **Kathleen Shada**. Members present: **Rene Brace** and **Gail Cochlin**.

The March 2011 minutes were approved.

The treasurer's report and expenditures were approved.

### New Business

This year's outreach day at Garfield Elementary Academy will be held on Wednesday, May 4<sup>th</sup>. We still need volunteers to assist with the various activities. Setup will begin at 9:00 am, and the program should be complete by 12:45 pm. PCAS shirts will be available for sale to volunteers who need them.

### Committee Reports

**Joe Hodulik's** donation/award table generated \$106 in April!

The May curation workday has been canceled in favor of a one-day field trip to Riverside for a presentation by Dr. James Snead, sponsored by the Mission Inn Foundation & Museum. On Sunday, June 19<sup>th</sup>, Steve O'Neil will lead a trip to the rock art sites off Ortega Highway, with an optional visit to the historical neighborhoods of San Juan Capistrano.

**Joe Hodulik** has scheduled speakers through June of next year and is now also responsible for our publicity/public relations.

Prior to the meeting, board members prepared Quarterly Volume 44, Number 4 for mailing. Copies for members who regularly attend meetings will be distributed at the May meeting. This is part of our ongoing effort to save on mailing costs and avoid any increase of membership dues. We currently have two single and two double issues in process, which will go a long way towards bringing our publication schedule up to date.

We've not yet received any applications for this year's scholarships but hope to see some before the April 30<sup>th</sup> deadline.

The meeting was adjourned at 7:55pm.

## A Tribute to Bob Begole

*Submitted by Paul Chace*

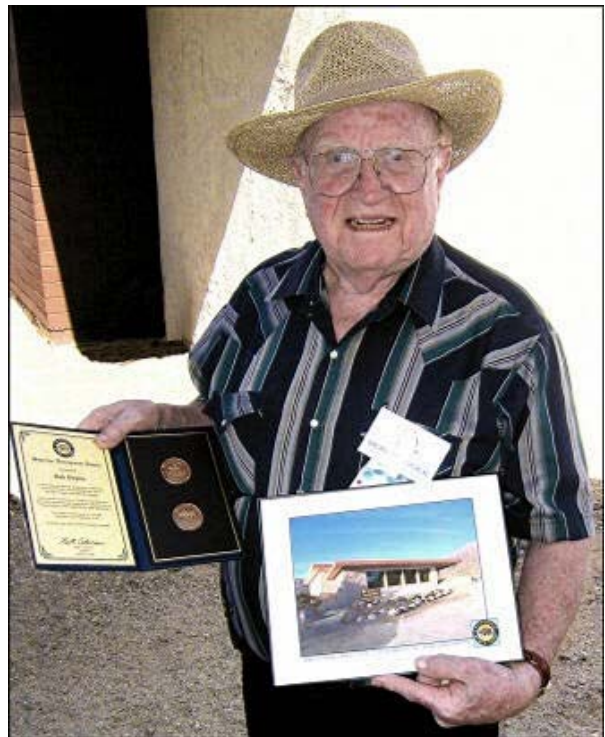
The Colorado Desert Archaeology Society dedicated its Annual Archaeology Weekend (April 9-10) to Bob Begole, a PCAS life member who passed away in 2010. Bob, *Mr. Archaeology of the Anza Borrego Desert*, recorded more than 3,000 sites in the Anza-Borrego State Desert Park as a professionally accredited volunteer archaeologist. The Begole Archaeological Research Center, which houses the Colorado Desert District's archaeology staff and provides archival facilities, was made possible because of his \$500,000 donation. Bob also funded an endowment (see [the-abf.org/research/grants\\_scholarships](http://the-abf.org/research/grants_scholarships)) which provides \$10,000 annually to support archaeological research in the region.

As part of Archaeology Weekend, I took part in a forum honoring Bob that included Joan Schneider, John Foster, Tim Gross, Sue Wade, Diana Lindsay, and retired Park superintendent Mark Jorgensen. Below is part of my tribute to Bob.

Joan Schneider, a long-time friend, asked me if I had known Bob. "Yes." In our brief discussion, Joan said she thought of Bob as "frugal." "No!" was my reply. Knowing Bob, I would rather characterize him as intellectually shrewd and quietly entrepreneurial.

Living in Orange County, the Begoles became active members in the Pacific Coast Archaeological Society about 1968. As an avocational organization, the society was actively pursuing real archaeological field research and actually publishing. As Archaeologist at the group's Bowers Museum home base, I served as the PCAS Technical Advisor. Bob soon became a field director on the groups' field surveys and digs. Both Bob and Betty are acknowledged as on the PCAS excavation crew in September 1971 at the Williams Ranch sites located near Wynola (Fritz, Knight, and Gothold 1977, *PCAS Quarterly* 13(4):2. This is the earliest reference to the Begoles that I have located in the *Quarterly*, but the monthly newsletter, *Smoke Signals*, was not searched, and it would have more details. For several years in the early 1970s, Bob and Betty served on the Circulation Staff for the *PCAS Quarterly* publications.

One day Bob approached me at the Bowers Museum with a paperwork problem. This probably was in early 1971, or maybe in early 1969. Bob had been conducting field surveys in Anza-Borrego for



**Bob Begole holding photo of the Begole Archaeological Research Center. Photo courtesy Sam Webb.**

some time, but now the State of California wanted formal permit papers in order for him to continue his personal field research work there. Bob laid out for me an array of superb photographs of the early sites he had been recording, like a salesman representing a grand business endeavor. We discussed Bob's dilemma with the State. The ultimate solution would be to publish the scientific findings from his archaeological field surveys in the *Pacific Coast Archaeological Society Quarterly*. But Bob's immediate problem with State Parks, however, was resolved when I signed as his "Principal Investigator" on behalf of Bowers Museum for the State's required permit to conduct further surveys at Anza-Borrego. Bob's first publication on his Anza-Borrego surveys, expressing his own personal intellectually shrewd perceptions and theories, was published in the spring 1973 issue of the *PCAS Quarterly* (Begole 1973, 9:2). The sponsorship of the Bowers Museum is acknowledged there, but except for my signature, I don't think anything else was actually involved. Subsequently, Bob published a total of 14 important scholarly reports in the *Quarterly*.

The editors of the *PCAS Quarterly* always liked to print a biographical background on each contributor. One suspects that the editors had a hard time, like pulling teeth, trying to get Bob to be forthcoming, because Bob was quiet in presenting himself. The editors ended up with (continued on p. 7)

## FIELD TRIPS

### May Field Trip

**When:** May 14, 2011, 1 pm  
**Where:** Spanish Art Gallery, Mission Inn, Riverside

Meet PCAS members for a lecture by Dr. James Snead, who will be speaking on *To Tell the Story of Man: Antiquities, Museums, and Landscape in Southern California*.

### June Field Trip

**When:** June 19, 2011, 9 am  
**Where:** Ortega Highway Rock Art and Los Rios Historic District, San Juan Capistrano

Steve O’Neil has graciously agreed to lead a PCAS field trip to rock art sites off Ortega Highway. On returning to San Juan Capistrano, we will walk through the Los Rios area.

We will meet in the J Serra High School parking lot. From the San Diego Freeway (Interstate 5), exit at Junipero Serra Road in San Juan Capistrano. Go west on Junipero Serra Road, under the pedestrian bridge, and turn right into the parking lot (just over 500 ft from the freeway).

Several of the rock art sites will require short hiking. Good hiking shoes, water, sunscreen, and a hat are recommended.

You may sign up for this field trip at the May or June meeting or by contacting Scott Findlay at 714-342-2534 or [fieldtrips@pcas.org](mailto:fieldtrips@pcas.org).



Pictograph near Ortega Highway. Color has been enhanced.

## CURATION

PCAS members are continuing to work on the CA-ORA-190 (Buck Gully) collection. There will be no curation workday in May because of a conflict with a planned field trip, but regular curation workdays will resume in June. Workdays are normally at 1 pm on the Saturday following the PCAS lecture meeting. Volunteers are always delighted to inventory and curate unusual or interesting artifacts (see below). If you would like to be placed on the curation email reminder list, please contact Scott Findlay at [president@pcas.org](mailto:president@pcas.org) or 714-342-2534. No experience is necessary!



A “spindle whorl” from the ORA-190 collection. The roughly shaped sandstone disc is biconically drilled and very light weight. It has been suggested that “spindle whorls” were used in the making of cordage, were flywheels for drill shafts, or were used with game strings to attach dispatched game animals to the hunter.



A lozenge stone from the ORA-190 collection. The dark schist stone was pecked and ground. The stone was listed as a “charmstone” in a description site report in the *PCAS Quarterly* (Ross 1970, 6(2&3):1-135. Lozenge stones are considered to be characteristic of the Middle Holocene, while Buck Gully is considered to be a Late Prehistoric site. The lozenge stone could have been curated, or an earlier, unrecognized component may have existed at ORA-190.

## DIG THIS...



### Lectures

***Surviving Historic Preservation and Cultural Resources in Accordance with California Law***, by Rich Malacoff (Senior Planner, City of Cathedral City). Coachella Valley Archaeological Society, Cathedral City Community Center, 37-171 West Buddy Rogers, May 3, 6:30 pm. Free. Information: [www.cvarch.org](http://www.cvarch.org).

***Who Built Los Angeles? The Role of the Gabrielino/Tongva People***, by George Harwood Phillips, will discuss his new book, *Vineyards and Vaqueros; Indian Labor and the Economic Expansion of Southern California, 1771 to 1877*, which explores how local American Indian people were the labor community for missions, ranchos, farms, municipal projects, and the building of the Pueblo of Los Angeles. The Autry in Griffith Park, May 7, 1-2:30 pm. Free with museum admission. Information: [theautry.org](http://theautry.org) or 323-667-2000.

***Cotsen Institute Annual Open House*** will be held May 14, 1-4 pm, in the Fowler Building A level, UCLA. Laboratories, archives, and other "behind the scenes" areas will be open to the public. Free; parking \$8. Information: 310-825-0612 or [www.ioa.ucla.edu](http://www.ioa.ucla.edu).

***To Tell the Story of Man: Antiquities, Museums, and Landscape in Southern California***, by Dr. James Snead (George Mason University), will discuss southern California archaeology in the early 1900s, particularly Charles Lummis. Spanish Art Galley, Mission Inn, Riverside, May 14, 1 pm. Free. Information: 951-788-9556 or [emilymcwen@missioninnmuseum.com](mailto:emilymcwen@missioninnmuseum.com).

***The Talatat Program***, by Dr. Jackie Williamso (John Hopkins University), an ARCE lecture. Bowers Museum, May 14, 1:30 pm. Free. Information: [www.bowers.org](http://www.bowers.org) or 714-567-3677.

### Classes, Meetings, and Events

***Mojave River and Lake Manix***, led by Eric Scott (Curator of Paleontology), a San Bernardino County Museum field trip, May 14, 8 am-5 pm. Fee: \$50; members \$40. Reservation deadline May 6. Information: [www.sbcountymuseum.org](http://www.sbcountymuseum.org) or Melissa Sanchez, 909-307-2669 ext. 250.

***Annual American Indian Art Market and Film Festival*** will be held at the San Diego Museum of Man, May 14-15. Fee: Admission to art market is free; film festival is free with museum admission. Information: [www.museumofman.org](http://www.museumofman.org) or 619-239-2001.

***Malki Fiesta***, a day long celebration of food, entertainment (Cahuilla Bird Singers), and demonstrations will be held at the Malki Museum, May 29, beginning at 10 am. Free. Information: 951-849-7289 or [www.malkimuseum.org](http://www.malkimuseum.org).

***2011 SCA Data Sharing Meetings***: The Southern Meeting will be held at the San Diego Archaeological Center, October 22; the Northern Meeting will be held in Yosemite National Park, September 30.

### Websites

The ***San Diego County Archaeological Society's*** website has speaker and field trip information: [www.sandiegoarchaeologicalsociety.com](http://www.sandiegoarchaeologicalsociety.com)

The ***Maturango Museum's*** newsletter and petroglyph tour information are available at [www.maturango.org](http://www.maturango.org).

Visit [www.pcas.org](http://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](mailto: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.

### **A Tribute to Bob Begole** (*continued from p. 4*)

123 words. (And with his subsequent publications the bio-notes were much briefer.) Below is that initial 1973 biography:

*Robert S. Begole is a professional engineer who received his Bachelor of Science degree in Mechanical Engineering from Michigan Technological University. Interested in history and the sciences, he spent his summers as a boy working in various departments of the Los Angeles County Museum. During World War II service with the Army Air Corps in Africa and Italy his travel experiences increased his interest in archaeology. After this sojourn he settled in California and entered the contracting business. He has been an active member of the Pacific Coast Archaeological Society for five years and served as field director for three years. Now retired from his business responsibilities, he*

*devotes his time to archaeologically oriented travel and to the study of his greatest interest, Early Man.*

So, this brief biography presents Bob as university trained, an intellectual, and an enterprising engineer. Then, one should add "quietly shrewd," because before 1973, Bob retired from all his "business responsibilities." When Bob "retired," he was only in his early 50s, maybe even in his late 40s.

Yet, in terms of Bob's personal investments, one must appreciate that he remained shrewd and quietly entrepreneurial, because he quietly grew his investments—and some years later he generously funded the Begole Archaeological Research Center.

Hopefully, you can appreciate why I knew Bob Begole, not as frugal, but as intellectually shrewd and quietly entrepreneurial. It was an honor and my pleasure to know Bob and Betty.

## 2011 PCAS BOARD MEMBERS AND COMMITTEE CONTACTS

<u>Office</u>	<u>Name</u>	<u>Email</u>	<u>Phone</u>
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\*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**