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PCAS Newsletter

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DECEMBER PCAS SPEAKER

Dr. E. C. Krupp

Time's Up

According to the rules of the Maya calendar system, which relied on multiple cycles of time, a primary interval, Baktun 13, ends on the winter solstice, 2012. Although pseudoscientific claims have linked this calendrical curiosity to a Maya prophecy of the end of time, there is no documented Maya belief in the world's end in 2012 or even in any unusual significance to the event. Recent claims, however, promote the date's galactic alignment and link it with the detailed structure of the Milky Way Galaxy, information known only through modern astronomy. Griffith Observatory Director Dr. E.C. Krupp will detail how the 2012 beliefs have been fabricated and marketed and what the universe is really doing on the winter solstice in 2012.

Dr. E. C. Krupp is an astronomer and Director of Griffith Observatory in Los Angeles and led its recent \$93-million renovation and expansion. A graduate of Pomona College in Claremont, California, he earned his M.A. and Ph.D. in the Department of Astronomy at UCLA, where he studied the properties of rich clusters of galaxies under the guidance of the late Dr. George O. Abell. Now recognized internationally as an expert on ancient, prehistoric, and traditional astronomy, Dr. Krupp has visited more than 1800 sites throughout the world and regularly leads field study tours to exotic locations that have astronomical and archaeological interest. Most recently he led a group to antiquities on China's Silk Road, as far west as Kashgar, and coordinated viewing of the Steppe-ing Across Eurasia and Passport-controlled Total Solar Eclipse of 1 August 2008. (Continued on page 7)

The Holiday Dinner replaces Dinner with the Speaker in December. Reservations are still available for the Holiday Dinner. Please see page 5.

PCAS MEETINGS CALENDAR

HOLIDAY DINNER

December 11th – 6:00 pm

Reservations Required– See page 5

Speaker: Dr. E. C. Krupp

Topic: *Time's Up*

Location: The Duck Club
5 Riparian View
(south of Michelson)
Irvine, CA

Directions: Exit the 405 at Jamboree and go south. Turn left onto Michelson and then right on Riparian View. The Duck Club is on the right after the water facility.

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.

NO BOARD MEETING THIS MONTH!

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NOVEMBER SPEAKER NOTES

Santa Catalina Island: Perspectives on Pimu

Submitted by Sandy Kennedy

Southern California Edison (SCE) recently commissioned a cultural resource survey of the approximately 51-mile long electrical distribution system on Santa Catalina Island. Ivan Studwick (LSA), October's speaker, assisted the LSA survey team and was lead author of the report documenting the survey results. His presentation included a brief discussion of island biology, geology, physiography, prehistory, history, the development of utility distribution, and focused on the archaeological results of the survey.

Santa Catalina Island, one of eight California Channel Islands, is the largest and closest to the coast of the four southernmost islands. Catalina is part of Los Angeles County and is about 20 miles off the Palos Verde Peninsula. The island measures approximately 21 miles long, is as much as 8 miles wide, contains an area of 76 square miles, and its highest point, Mt. Orizaba, is 2097 feet above sea level. The island hosts a wide variety of flora and fauna and was the primary source of steatite for prehistoric southern California.

The oldest radiocarbon dated prehistoric site on Catalina, Little Harbor (SCAI-17) is 7,700 BP, although other early dates are no older than ca. 3,500 BP. Prehistoric island cultural remains include digging stick weights (donut stones), pitted hammerstones, circular fishhooks, projectile points, and steatite bowls, beads, and amulets. Islanders survived by hunting marine mammals, by fishing, and by collecting shellfish, primarily abalone (*Haliotis* sp.).

The project goal was to conduct a cultural resource survey within 100 ft of every SCE power pole on the island and to make recommendations concerning pole replacement, as deterioration eventually makes replacement necessary for all poles. The focus of the pole survey was on resources, specifically the type, extent, and distribution of material. The project did not assess or evaluate site significance. All accessible power poles were surveyed except those poles previously recorded in the town of Avalon and a small area at the Isthmus.

A total of 777 of the island's 850 power poles were surveyed. Within 100 ft of these 777 poles were 35 resources including 10 previously recorded sites, 18 newly recorded sites, and 7 isolated finds. These cultural resources consisted primarily of habitation or village sites, lithic scatters, shell scatters, or middens. Other sites included those with historic material, one artifact scatter, and one prehistoric quarry. The survey showed that most sites were habitations. Lithic scatter and shell scatter sites were also relatively common site types. Whereas previously recorded habitation sites were located near the coast, lithic scatters were all in inland areas and none were previously recorded. Marine shell was common at most coastal sites and included primarily abalone when



November speaker Ivan Studwick with PCAS Program Chair Joe Hodulik.

sites were inland. Similar to the Northern Channel Islands, the survey showed that site density on Catalina appears to be greater than on the adjacent mainland.

The survey concluded by recommending pole replacement in one of three manners: (1) in the same hole, (2) in the same general area, or (3) in a specific direction from the existing pole. Monitoring by a qualified archaeologist was also recommended for poles near sites and for poles located in areas likely to contain buried resources.

Ivan's coverage of Santa Catalina Island prehistory, history, and the SCE power pole survey was very interesting and we thank him for such an informative presentation.

PCAS SPEAKER CALENDAR

January 8, 2009

Paul Campbell

Mineral Pigments of California Indians

February 12, 2009

Dr. James P. Kennett

Environmental and Biotic Consequences of Major Extraterrestrial Impact over North America 12,900 Years Ago

March 12, 2009

Dr. James Snead

Topic to be announced

April 9, 2009

Keith Meldahl

Hard Road West: History and Geology along the Gold Rush Trail

PCAS QUARTERLY UPDATE

The PCAS Publication Committee is pleased to announce the publication of the Pacific Coast Archaeological Society Quarterly Index, Volumes 1-40. This double issue is Volume 40, Numbers 3 and 4 in the Quarterly sequence. The index was laboriously compiled by **Daniel McCarthy** and will be a benefit to scholars and researchers looking for information contained in the numerous articles in 160 issues. PCAS thanks **Daniel McCarthy** for completing the formidable indexing task and making the wealth of information in the PCAS Quarterly more accessible.

The index will soon be posted at www.pcas.org in a PDF searchable file. We plan to update the index file whenever a new Quarterly issue is printed. To facilitate that task, we ask authors to submit keywords for their articles.

The PCAS Publications Committee is working very hard to catch up in our publication sequence for the PCAS Quarterly. **Sherri Gust** and **Roger Mason** will be the Guest Editors of an issue with a planned January 2009 publication date. **Beth and Chris Padon** are working on their final issue with an expected printing date after the first of the year. In the spring we hope to publish a double issue with **Dr. Jill Gardner** as Guest Editor.

The Publications Committee is requesting articles for publication. Please see the Information for Authors page at www.pcas.org (click on Publications on the top menu). We are streamlining the publication process so that there will be less time between submission of an article and publication. Additionally, we are encouraging Guest Editors to submit papers for a full or double issue. Working with the Quarterly Editor and Production Editor, the Guest Editor will gather papers for an issue and assign peer reviewers for the articles.

The Editor and Publications Committee members would like to hear from persons willing to review submissions. Also, the Editor is seeking a broad range of subject matter for publication in the Quarterly. Controversial subjects will receive a fair hearing, so don't hold back! If you have any questions about the submittal process or Guest Editor role, please contact the PCAS Quarterly Editor **Hank Koerper** at 714-633-9287 or publications@pcas.org.

2009 MEMBERSHIP AND SUBSCRIPTION RENEWALS

Please keep in mind PCAS memberships and subscriptions expire at the end of the calendar year. 2009 renewals become due on January 1st.

Membership renewal notices for 2009 will be mailed at the end of December, but you can **help us save on mailing costs** by renewing your membership now. Use the membership form in this newsletter, or print one from our website www.pcas.org, and mail your check before the holiday rush begins. Remember that membership dues paid before December 31st may be deductible for the 2008 tax year.

Last year, due to mailing and other price increases, we were forced to increase the cost of membership and subscriptions. One way you can help us offset these increases is by agreeing to receive your newsletter electronically. It will be emailed in PDF format and differs from the copy posted on our website in that it is a printable file. If you've not yet accepted this option, please give it some consideration. Check the box on your renewal form or send an email to pcas@pacbell.net.

PCAS ELECTION

Congratulations to **Megan Galway**, **Stephen O'Neil**, and **Ivan Studwick** who were elected to the PCAS Board of Directors at the November 11th General Meeting. The new Board Members were elected by unanimous voice vote to three-year terms that will begin in January.

Thanks to our Election Committee for checking members in and being prepared to tally the vote. A special thanks to all PCAS members who attended the meeting so that we had a quorum.



New Directors: Megan Galway, Stephen O'Neil, and Ivan Studwick.

SAN DIEGO MUSEUM OF MAN ROCK ART CONFERENCE 2008

PCAS members attended the San Diego Museum of Man's 33rd Annual Rock Art Symposium on November 1st at the Otto Center at the San Diego Zoo. A full day of presentations included reports on sites from southern California to South America. **Steve Freers** began the presentations with *Taking A Closer Look* which explored the benefits of macro-photography now more accessible thanks to advances in digital photography. **Don Christensen** gave an update on his work on the Esplanade Style of the Arizona Strip - the style area has been expanded to an area of 45 x 18 miles. Bernard Jones presented *The Santiago Petroglyph Style, A Preliminary Report* about a new petroglyph style discovered in Orange County in the aftermath of the devastating fires of 2007. With 300 images identified to date, the style consists on non-representational grooves, grooves within grooves, scoops, channels, and gouges with few cupules among them. PCAS member **Stephen O'Neil** talked about the landscape aspects of petroglyph and pictographs sites in the traditional Juaneño territory of the San Juan Creek drainage in the Santa Ana Mountains. Petroglyphs tend to appear on ridgelines, open to the sky. Pictographs are found at the edge of creeks near oak groves.

PCAS members sold issues of the *PCAS Quarterly* and provided information about our organization. **We again extend our thanks to Ken Hedges** for making this possible.

PCAS members attending Rock Art 2008: **Bob and Rene Brace, Don Christensen, Linda Christison, Gail Cochlin, Scott Findlay, Megan Galway, Susan Hector, Steve O'Neil, Daniel McCarthy, Michael Sampson, and Kathleen Shada.**



PCAS members at Rock Art 2008.

NOVEMBER BOARD MEETING SUMMARY

President Scott Findlay called the meeting to order at 7:02 pm at the Old Courthouse, Santa Ana, California. Board members present: **Rene Brace, Gail Cochlin, Scott Findlay, Jane Gothold, Sherri Gust, Sandy Kennedy, Hank Koerper, Mark Roeder,** and **Tony Sawyer.** Members present: **Bob Brace, Megan Galway, Steve O'Neil, Kathleen Shada, and Ivan Strudwick.**

The October 2008 minutes and November treasurer's report were approved.

The Board discussed the November election and thanked the Election Committee for its preparation. Since there were no nominations from the floor, the election was by voice vote. Newly elected Board members **Megan Galway, Steve O'Neil, and Ivan Strudwick** were congratulated and will begin their terms in January.

Scott Findlay discussed the need to have a calendar with reoccurring annual dates in the Procedures Manual. **Sandy Kennedy** will create this section. Holiday Dinner preparations were discussed. Caterer and set-up/decorating volunteers will be at the Duck Club at 4 pm. **Sandy Kennedy** will create name tags. Members were asked to bring items to decorate tables. Everyone was encouraged to attend – we have a minimum commitment of 50 dinners. Dr. Krupp is always an entertaining and knowledgeable speaker.

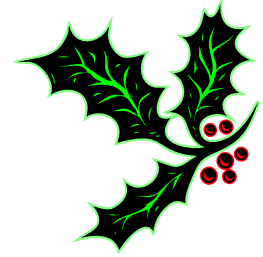
Jane Gothold requested funding for carbon dating of 10 China Ranch samples. Jane stated that artifacts are in the possession of Mr. Brown of China Ranch, and the artifacts would go into a private museum at China Ranch. She stated that Tad Tadlock, Frank Chapel, and she would write the report and an article for the *PCAS Quarterly*. **Sherri Gust** volunteered to review the project.

Joe Hodulik has only one date to fill to complete the speaker calendar through spring **Mark Roeder** reported that there would not be any curation workdays until January. The Publications Committee met prior to the Board meeting and prepared **Daniel McCarthy's** Quarterly Index (Quarterly Volume 40, Numbers 3&4) for mailing. Another Quarterly issue with Sherri Gust and Roger Mason as Guest Editors should be printed in January. **Scott Findlay** said there would be no field trips until next year. He is planning on participating in more survey weekends at the Cary Ranch and a trip to the Carrizo Plain in April. **Joe Hodulik's** Donation-Award activity raised \$114 for the PCAS Scholarship fund at the November meeting!

The meeting was adjourned at 8:05 pm.



Annual PCAS Holiday Buffet Dinner



Thursday, December 11, 2008

6:00 pm at the Duck Club

...featuring...

Dr. E.C. Krupp

Director, Griffith Observatory

...speaking on...

***Time's Up! Pseudoscience of Correlations
of Winter Solstice 2012 and Maya Calendar***

(You may attend just the lecture, which is free, starting promptly at 7:30 pm)

Directions to the Duck Club

Exit the 405 Freeway at Jamboree and turn south. Turn left on Michelson. At Riparian View, turn right – there will be a sign for the Irvine Ranch Water District. Follow the levee road, past the Water District driveways, to the Duck Club driveway on the right. There will be a sign at the Duck Club driveway entrance. If you have difficulty finding the Duck Club, please call 714-290-1845 for assistance.

For questions, contact Bob or Rene Brace at 714-544-6282 or pcas@pacbell.net .

PCAS HOLIDAY DINNER REGISTRATION

Name(s): _____

Phone Number: _____ Email : _____

Quantity: _____ x \$27.00 per person = \$ _____ Total Enclosed

Entrée Choice (number): _____ Roast Beef _____ Roast Turkey

(Dinner includes choice of entrée, mashed potatoes and gravy, assorted vegetables, rolls, sweet treats, coffee and tea.)

All Reservations must be received by Wednesday, December 3rd

Mail this order form with your check payable to PCAS to:

PCAS, Holiday Dinner, PO Box 10926, Costa Mesa, CA 92627

Contact Bob or Rene Brace at 714-544-6282 or pcas@pacbell.net to let us know your reservation form and check is in the mail.

DIG THIS...



Exhibits

Under African Skies: Journeys of the Past, Present & Future, Muzeo, 241 S. Anaheim Blvd., Anaheim, through January 9, 2009. Fee: \$9-\$12. Information: www.muzeo.org or 714-956-8936.

Lectures

Abandonment of Tsegi Canyon by Christopher Purcell, sponsored by the Coachella Valley Archaeological Society. Cathedral City Community Center, 37-171 West Buddy Rogers, Cathedral City, December 2, 6:30 pm. Free. Information: www.cvarch.org.

The Story of the Ranchería of San Pasqual: From Prehistoric Village to Mexican Pueblo to Forced Eviction, by Richard L. Carrico, includes book signing. San Diego Archaeological Center, December 6, 11 am-1 pm. Fee: Suggested donation \$5; members free. Information: www.sandiegoarchaeology.org, or 760-291-0370.

Spanish Trail, by Clifford James Walker, an Old School House Lecture, 6760 National Park Dr., Twentynine Palms, December 12, 7 pm. Fee: \$5. Information: desertinstitute.homestead.com or 760-367-5535.

Native American Ethnography, by Phil Klasky (San Francisco State University). Palm Springs Public Library, 500 S. Sunrise Way, Palm Springs, December 15, 6:30 pm. Free. Information: 760-322-7323 or desertinstitute.homestead.com.

Field Report on the 2008 Valley of the Kings, by Dr. Ronald Ryan (Pacific Lutheran University), an ARCE lecture. Bowers Museum, December 28, 1:30 pm. Free. Information: www.bowers.org or 714-567-3600.

Classes, Meetings, and Events

Living Traditions Class: Fire by Friction, by Tony Soares. Agua Caliente Cultural Museum, December 6, 10:30 am-4 pm. Fee: \$15. Information: www.accmuseum.org.

(Classes, Meetings, and Events Continued)

Children's Holiday Workshop for children ages 4 and up will be make crafts while replicating essential life skills of people in the past. San Diego Archaeological Center, December 13, 2-4 pm. Fee: \$5; \$10 family; members free. Information: 760-291-0370 or www.sandiegoarchaeology.org.

Singing the Birds (Wikitmallem Tahmuwphae) - Bird Song and Dance Festival. Pavilion Auditorium, 400 S. Pavilion Way (Sunrise Park), Palm Springs, December 20, 11 am-8 pm. Free. Information: www.accmuseum.org.

4WD Tour of Grapevine Canyon, offered by the Anza Borrego Natural History Association, will visit Angelina Springs, an important Indian village site and possibly a second spring. December 30, 9 am-noon. Information: www.abdnha.org. Reservations limited and required: 760-767-3098.

The 110th Archaeological Institute of America Annual Meeting will be held January 8-11, 2009, at the Philadelphia Marriott Downtown Hotel, Philadelphia. Information: www.archaeological.org.

The 2008 Society for California Archaeology Annual Meeting will be held at the Doubletree Hotel in Modesto, March 12-15, 2009. Information: www.scahome.org.

The 2008 Society of American Archaeology Annual Meeting will be held in Atlanta, Georgia, April 22 - 26, 2009. Advanced registration will be available in mid-December at www.saa.org.

Please send your announcement submissions to newsletter@pcas.org. We are interested in receiving information for all categories included in *Dig This*.

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.

(December Speaker continued from page 1)

Dr. Krupp is the author of several books on the cultural dimensions of astronomy and on the celestial component of belief systems, including *In Search of Ancient Astronomies* (1978), *Archaeoastronomy and the Roots of Science* (1984), *Echoes of the Ancient Skies* (1983), and *Beyond the Blue Horizon: Myths and Legends of the Sun, Moon, Stars and Planets* (1991). His most recent book for adults is *Skywatchers, Shamans, & Kings-Astronomy and the Archaeology of Power* (1997). He also writes astronomy books for children, including *The Comet and You* (1985), *The Big Dipper and You* (1989), and *The Moon and You* (1993), and *The Rainbow and You* (2000). Two of his books have won national prizes from the American Institute of Physics. His books have been translated into Spanish, German, Russian, Polish, Portuguese, Korean, and Japanese. He is a contributing editor for *Sky & Telescope* and writes a monthly column on astronomy and culture for this

nationally distributed magazine. He was the on-camera host for *Project: Universe*, a PBS teleseries broadcast internationally and appears frequently on radio and television. In 1989, he received a national prize from the Astronomical Society of the Pacific - the Klumpke-Roberts Award for outstanding contributions to public understanding and appreciation of astronomy, and in 1996 he received the G. Bruce Blair Medal for substantive contributions to amateur and public astronomy from the Western Amateur Astronomers. In winter, 2009, he will lead a field study tour for UCLA Extension to ancient sites in southern India, and in July he will conduct another total solar eclipse tour to ancient sites in South Korea, Mongolia, and China.

2008 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	Rene Brace	info@pcas.org	714-544-6282
*Treasurer	Tony Sawyer	treasurer@pcas.org	714-549-1715
*Curator	Mark Roeder	curator@pcas.org	714-241-8880
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Programs	Joe Hodulik	programs@pcas.org	949-300-1864
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Website	Rene Brace	info@pcas.org	714-544-6282

*Denotes PCAS Board Member

PACIFIC COAST ARCHAEOLOGICAL SOCIETY

2009 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

Subscription Only

- Quarterly* - \$37
- Newsletter* - \$18
- Both Publications - \$55

Scholarship Fund

- Donation \$ _____

Return form with payment to:

**PCAS Membership
 P.O. Box 10926
 Costa Mesa, CA 92627-0926**

* May be individual or family membership

www.pcas.org