



NOVEMBER 2012

PCAS NEWSLETTER

THE MONTHLY PUBLICATION OF THE
PACIFIC COAST ARCHAEOLOGICAL SOCIETY

www.pcas.org

Volume 51 Number 11

ISSN 0270-6776

NOVEMBER PCAS SPEAKER

Dr. Carl P. Lipo

The Statues Walked—What Really Happened on Easter Island

Easter Island is one of the most remote inhabited islands in the world. It is situated about 2,000 miles from the coast of South America and 1,500 miles from any other island in Polynesia. It is also a small island, not much larger than Catalina Island off the California coast. The island is poor in resources. It has a subtropical climate, almost no trees, poor soils, and low biotic diversity. Yet, it is on Easter Island (known as Rapa Nui by its residents, the Rapanui) that prehistoric people carved and moved as many as 1,000 multi-ton statues that weighed up to 70 tons and were up to the size of three-story buildings. How is it possible that cultural achievements of this scale took place on this particular remote and depauperate island? Some have argued that Easter Island prehistory is a warning to contemporary society telling us what to avoid as we face environmental degradation and loss of sustainability. In this lecture Dr. Lipo will discuss the latest findings from over 10 years of archaeological field work on the island. The results are surprising: much of what you know about Easter Island is wrong. And the answers reveal more about our own future than you might imagine.

Dr. Carl Lipo is a professor of anthropology at California State University, Long Beach. His research focuses on the use of evolutionary theory in archaeological explanations and new (Continued on p. 4)

DINNER WITH THE SPEAKER

Please join this month's speaker, Dr. Carl Lipo, and PCAS members for dinner before the November 8th 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 8 - 7:30 pm

Speaker: Dr. Carl P. Lipo

Topic: *The Statues Walked—What Really Happened on Easter Island*

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 15 - 7:00 pm

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

INSIDE THIS ISSUE

- 2 October Speaker Notes
- 3 October Board Meeting Summary
- 3 PCAS Annual Meeting and Election
- 3 Rock Art Conference
- 4 PCAS Publications Update
- 5 Prehistoric OC
- 5 PCAS Holiday Dinner
- 6 Dig This - Exhibits, lectures, and more
- 7 Silent Auction
- 7 Speaker Schedule

Please attend the November 8th PCAS Annual and Election Meeting. We need a quorum!

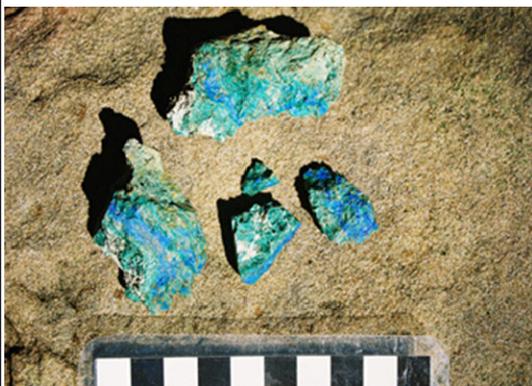
OCTOBER SPEAKER NOTES

The Pleito Project: Stratigraphy in Pigments

Submitted by Megan Galway

Daniel Reeves described recent studies of Chumash rock art in Pleito Cave, located within the Wind Wolves Preserve in the San Emigdio Hills of south-central California. The team spent three years documenting the site and used advances in digital imaging software to identify the successive layers in the paintings. One panel—Panel H—was found to have seven layers. X-ray fluorescence (XRF) studies also indicated refurbishment of some images. There is not yet a good dating method for pictographs, but the various styles and methods of painting indicate a wide range of dates in this one panel. One common image is a swirl or pinwheel, and Reeves noted the swirls were always counter-clockwise.

The panels include a variety of colors, including a turquoise blue, emerald green, and orange. These unique colors were previously thought to have originated with the Spanish missions and to have been used in the cave after the Chumash revolt of 1824. The team has since identified a nearby site where malachite and azurite were quarried and most likely used to make the paint—possibly in the pre-Mission period. Blue paint is known to be very special and blue healing stones have been documented.



Malachite and azurite from quarry site near Pleito Cave. Photo by Daniel Reeves.

The site was previously documented but only black and white drawings were included. A berm noted at the cave entrance was determined to be from an excavation in the cave by Campbell Grant. This berm then caused rain water to pool in the cave, damaging the walls. A large earthquake in 1857 is believed to have cracked the wall, allowing water to seep



Program Chair Joe Hodulik with October speaker Daniel Reeves.

in from above and causing extensive exfoliation of the panels. Some of the more recent images were painted after this exfoliation. The site is now undergoing annual monitoring for additional damage.



A number of bedrock mortars were located in the area and Middle and Late period beads were found, indicating occupancy of at least 2,000 years. There are other caves in the complex and one—Lizard Cave—is being studied as a possible astronomical site.

Pictograph on slab painted by Daniel Reeves. Photo by Daniel Reeves.



Paint ground from minerals. Photo by Daniel Reeves.

OCTOBER BOARD MEETING SUMMARY

President Scott Findlay called the meeting to order at 7:02 p.m. at the Old County Courthouse in Santa Ana, California. Board members present: **Bob Brace, Linda Christison, Gail Cochlin, Sherri Gust, Joe Hodulik, and Hank Koerper.** Members present: **Rene Brace, Megan Galway, and Brian Steffensen.**

The Board approved the September 2012 minutes and treasurer's report with expenditures.

Discussion concerning the updating of the PCAS Code of Ethics was deferred to a future meeting. In preparation for the November election, **Megan Galway** will prepare ballots, and **Bob Brace** will prepare tallying sheets. It was agreed that **Gail Cochlin** and **Sherri Gust** would sign in members and hand out ballots. If a ballot count is necessary, **Linda Christison, Hank Koerper, and Rene Brace** will be responsible. **Tom Bogdan** has expressed a desire to increase the Gloria Bogdan Memorial Scholarship to \$1,000. The Board discussed the issue of increasing the amount of the PCAS Scholarship to equal that of the Gloria Bogdan Scholarship. The Board agreed to increase the PCAS Myrtle Soderberg Memorial Scholarship to \$1,000.

PCAS will donate two sets of Quarterly issues, each set containing an Index and four issues, to the Society for California Archaeology Annual Meeting Silent Auction. In the same motion, the Board also approved payment for a PCAS Quarterly sales and information table at the SCA meeting. It was agreed to announce the location of the new PCAS meeting room in the January Newsletter. A thank you to IRWD for providing the meeting room will be included in the Newsletter. The field trip to McCoy Spring will be October 26-28. PCAS will have a Quarterly sales and information table at the Annual San Diego Museum of Man Rock Art Symposium on November 3.

Next Curation workday will be October 20. Inventory of a number of small collections continues. **Joe Hodulik's** donation/award table generated \$155 in October! He will continue to promote the silent auction for the donated bike and bike rack. PCAS Quarterly 46(4) and Occasional Paper No. 4 were prepared for mailing before the Board meeting. The Publications Committee is working on a group of papers on California ceramics. **Matthew Buxt** and **Brian Dillon** will serve as guest editors.

The meeting was adjourned at 8 p.m.

PCAS ANNUAL MEETING AND ELECTION

The 2012 PCAS Annual Meeting and Election will be held on November 8, 2012, 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 bylaws 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:

Megan Galway received her MA degree in anthropology from CSUF in 2006. She currently serves as PCAS Membership Chair and PCAS Scholarship Co-Chair.

Stephen O'Neil has been a member of PCAS since 1974 and has long supported its goal of responsible public archaeology in California.

Brian Steffensen is a volunteer docent with the Irvine Ranch Conservancy programs and earned an Interpretive Guide Certificate from the National Association of Interpreters. He has taken foundation anthropology classes and archaeology field classes.

JOIN US AT ROCK ART 2012

PCAS members will attend the Museum of Man's 36th Annual Rock Art Symposium on November 3 at the Mingei International Museum Auditorium in Balboa Park. During breaks and lunch, PCAS will have a *PCAS Quarterly* sales and information table.

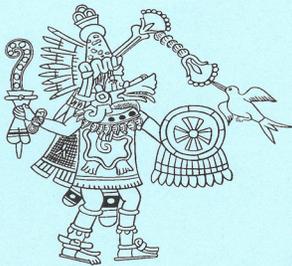
The symposium registration form is available online at www.museumofman.org/rockart. Registration begins at 8 am, but preregistration is recommended. Plan to join PCAS members for dinner in San Diego after the conference.

PCAS PUBLICATIONS UPDATE

The next issue of the *Quarterly* (Vol. 46, No. 4) is back from the printing press, and PCAS members and subscribers will soon be receiving it. The lead article focuses on evidence indicating a probable case of treponematosi in a burial from Baja California; it is authored by J. E. Molto, E. W. Ritter, and C. Taggart. The cover article contains especially intriguing subject matter involving the application of acoustic archaeology to rock art; its authors are A. P. Garfinkel and S. J. Waller. There are two different kinds of articles, yet each focused on molluscs. The one by A. C. Miller and M. A. Boxt is a nutritional study, and the other describes a unique mode of repair for a broken abalone dish (authors, H. C. Koerper, I. Snyder, and G. Hunter). The last article is a short study regarding an Orange County manuport, almost certainly collected for its cetacean-like appearance (authors, H. C. Koerper and J. Cramer).

For our 2012 PCAS members and subscribers, the 46(4) issue will arrive with a gift, PCAS Occasional Paper No. 4, *Codex Nicholson*, a tribute to and remembrance of Dr. H. B. "Nick" Nicholson, celebrated Mesoamerican scholar. Occasional Paper No. 4 was edited by Brian Dillon and Matthew Boxt who solicited contributions from numerous persons who

Codex Nicholson



Pacific Coast Archaeological Society Occasional Paper
Number 4

knew Nick well to create a retrospective of the scholar who was long acknowledged as the world's leading authority on Aztec culture and history. Drs. Dillon and Boxt secured a grant from an anonymous source to cover the costs of both printing and posting of *Codex Nicholson*. The Society is grateful for the opportunity to be party to the recognition of Professor Nicholson's life and particularly his scholarship.

PREHISTORIC OC

On October 13 PCAS took part in Prehistoric OC presented by the Cooper Center in partnership with OC Parks. The event was held at Clark Regional Park in Buena Park and celebrated California Archaeology month, National Fossil Day, and National Archaeology Day. Thanks to **Bob and Rene Brace, Megan Galway, Scott Findlay, and Kathleen Shada** for manning the PCAS table.



November Speaker *(continued from p. 1)*

technology for generating information about the archaeological record. At CSULB he runs the IIRMES Luminescence Dating Laboratory and conducts research on materials from Easter Island, California, and the Mississippi River Valley. In 2010 he was awarded the Distinguished Faculty Scholar and Creative Achievement Award for CSULB. He lives in Long Beach, California. You can visit his website at www.lipolab.org and read his blog at www.evobeach.com. You also can learn more about his research at <http://csulb.academia.edu/CarlLipo>.

NOVEMBER CURATION WORKDAY

When: November 10, 2012

Time: 1 pm

Where: Red Car Building

Everyone welcome!

PCAS HOLIDAY DINNER

Join us!

**THURSDAY, DECEMBER 13TH
6:30 PM
THE DUCK CLUB*, IRVINE**

3rd Annual Potluck (no additional cost)

This year's dinner speaker is Dr. James E. Snead:

*Idol Pursuits: Local and National Archaeologies
in the United States after the Civil War*

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

1. Bring a dish to serve six people.
2. The Duck Club does not allow alcoholic beverages.
3. Space at the Duck Club is limited - sign up early.
4. 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.

DIG THIS...



Exhibits

Chocolate explores the history of chocolate. San Diego Natural History Museum, through March 10, 2013. Fee: \$11-\$17; members free. Information: www.sdnhm.org or 619-232-3821.

Indiana Jones™ and the Adventure of Archaeology, presented by the National Geographic Society. Discovery Science Center, Santa Ana, through April 21, 2013. Fee: \$10; members \$8 (fees are **in addition** to Center admission). Information and online ticket purchase: www.discoverycube.org.

Where Are the Tipis? ...the changing perceptions about Indians. Agua Caliente Cultural Museum, November 7- October 20, 2013. Free. Information: 760-778-1079 or www.accmuseum.org.

Lectures

Steve Freers, noted rock art researcher and preservation advocate, will be the guest lecturer at the Coachella Valley Archaeological Society, Cathedral City Community Center, 37-171 West Buddy Rogers, November 6, 6:30 pm. Free. Information: www.cvarch.org.

Life and Afterlife: Wall Paintings in Ancient Macedonian Tombs, by Olga Palagia (University of Athens). The Getty Villa, November 8, 7:30 pm. Free, ticket required; parking \$10. Information: www.getty.edu.

King Tut: A Boy and His Dog, by Eric Well (UCLA) and Robert Newman (Pharaoh Hound Club of America), will have two live Pharaoh Hounds and discuss the breed's place in Egyptian history, art, and rituals. An ARCE lecture, Bowers Museum, November 10, 1:30 pm. Free. Information: www.bowers.org or 714-567-3677.

Chaco: Solving the Mystery of the Southwest's First Capital, by Dr. Stephen Lekson (University of Colorado, Boulder), an AIA, Orange County Chapter, lecture. DeNault Auditorium, Grimm Hall,

(Lectures Continued)

Concordia University, Irvine, November 11, 2-4 pm. Fee: \$5; members free. Information: <http://aia-oc.org/>.

Perceptions of Native Americans in Art, Gerald Clarke, Jr. (Cahuilla Band of Cahuilla Indians, Artist, and Chair of Visual Arts at Idyllwild Arts Academy). A Spirit Keepers Lecture, Spa Resort Casino Hotel, Palm Springs, November 14, 6:30 pm. Free. Information: 760-778-1079 or www.accmuseum.org.

Archaeology in the Holy Land: A Student's Perspective, by Sarah Crawford. A Lunch Time Lecture of the San Diego Archaeological Society, November 16, noon. Free with admission. Information: 760-291-0370 or www.sandiegoarchaeology.org.

Religious Cults, Rituals, and Beliefs in the Lives of Everyday Ancient Egyptians, by Dr. Emily Teeter (University of Chicago), an ARCE lecture. Bowers Museum, December 1, 1:30 pm. Free. Information: <http://arceoc.org>; www.bowers.org or 714-567-3677.

Classes, Meetings, and Events

Rock Art Symposium 2012, sponsored by the San Diego Museum of Man, will be held at the November 3, 8 am - 5 pm. Fee: \$50; \$40 for students, members. Information and registration: www.museumofman.org/rockart.

Carving an Understanding: Katsinas Outside of Hopi Life, a panel discussion will present perspectives on the use of katsinas in and outside Hopi life. The Autry, November 3, 1:30-3:30 pm. Information: theautry.org or 323-667-2000.

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.

PCAS SILENT AUCTION



To support the PCAS Scholarship fund, **Joe Holiduk** has organized a silent auction for a like-new Trek 4300 Mountain Bike with a heavy duty Thule bicycle rack. You may bid on the bike and rack at the November and December meetings. For additional details about the bike, please visit www.pcas.org and click on Latest News. For more information, contact **Joe Holiduk** at vicepresident@pcas.org or 949-300-1864.

PCAS SPEAKER CALENDAR

December 13, 2012 (Holiday Potluck)

Dr. James Snead

Idol Pursuits: Local and National Archaeologies in the United States after the Civil War

January 10, 2013

David LeCocq

February 14, 2013

Dr. Hector Neff

March 14, 2013

Dr. Jill Gardner

April 11, 2013

Dr. George Crawford

2012 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
*Vice-President	Joe Hodulik	vicepresident@pcas.org	949-300-1864
*Secretary	Kathleen Shada	secretary@pcas.org	714-381-8182
*Treasurer	Bob Brace	treasurer@pcas.org	714-544-6282
*Historian/Librarian/Archivist	Jane Gothold	librarian-archivist@pcas.org	562-947-6506
*Quarterly Coeditor	Henry Koerper	publications@pcas.org	714-633-9287
*Quarterly Coeditor	Sherri Gust	publications@pcas.org	714-245-0264
*Refreshments	Gail Cochlin	refreshments@pcas.org	714-997-0852
*Voting member	Linda Christison	lindachristison@pcas.org	209-777-2613
Curator	Mark Roeder	curator@pcas.org	714-299-4150
Donation-Awards Coordinator	Joe Hodulik	donation-awards@pcas.org	949-300-1864
Field Trips	Scott Findlay	fieldtrips@pcas.org	714-342-2534
Membership	Megan Galway	membership@pcas.org	714-539-6354
Native American Liaison	Steve O'Neil	nativeamericanliaison@pcas.org	949-548-7934
Newsletter Editor	Sherri Gust	newsletter@pcas.org	714-245-0264
Publicist	Joe Hodulik	publicity@pcas.org	949-300-1864
Scholarship	Megan Galway	scholarship@pcas.org	714-539-6354
Website	Rene Brace	info@pcas.org	714-544-6282

*Denotes PCAS Board Member

PACIFIC COAST ARCHAEOLOGICAL SOCIETY

2013 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