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PCAS NEWSLETTER

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PACIFIC COAST ARCHAEOLOGICAL SOCIETY

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JANUARY PCAS SPEAKER

Dr. Nancy Anastasia Wiley
Connie 'Destiny' Colochó
Andrew Garrison

Grooving in the Past: A demonstration of the manufacturing of OGR beads and a look at past SRS, Inc. replicative studies

Utilizing the archaeological record in conjunction with ethnography and experimental archaeology with its replicative approach can help us understand the possible processes and procedures of ancient technologies. The presenters have spent years researching and developing archaeological experiments into the prehistoric technologies of coastal southern California. In this informal presentation, Connie "Destiny" Colochó and Andrew Garrison will utilize expedient flaked stone tools to create (Continued on p. 3)



Bead replication.

PCAS MEETINGS CALENDAR

GENERAL MEETING

Free and Open To the Public

January 8 - 7:30 pm

Speakers: Dr. Nancy Anastasia Wiley
Connie "Destiny" Colochó
Andrew Garrison

Topic: *Grooving in the Past*

Location: IRWD Community Room
15500 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

January 15 - 7:00 pm

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

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DINNER WITH THE SPEAKER

Please join this month's speakers, Dr. Nancy Wiley, Destiny Colochó, and Andrew Garrison, for dinner before the January 8 meeting at 6 pm at Mimi's Café, 4030 Barranca Parkway, Irvine.

Happy New Year!

Renew your PCAS membership to receive the *PCAS Quarterly* in early January!

DECEMBER SPEAKER NOTES

The Intimate Bond: How Animals Changed History

By Megan Galway

Dr. Brian Fagan introduced material from his soon-to-be published book, *The Intimate Bond*, describing the development of associations between man and animals. As a hunter, early man developed an intimate knowledge of his prey through observation and patience. This led over time to a spiritual and supernatural relationship with these animals. These early relationships, with species such as early bovines (aurochs) and spotted horses, are depicted at sites such as Lascaux cave. Cooperative hunting arrangements between man and animals most likely led to early domestication.

The first of these domestications is believed to be the wolf around 15,000 BP. The wolf displays sociable pack behavior and fits well into a hunting lifestyle. Observation of an animal able to scent a moose at a distance of 4.5 km would be of great value to the hunter. After the last great drought—around 10,000 BP—domestication of sheep, pigs, and goats occurred, along with the cultivation of cereal grains. These animal species not only provided meat, milk, and at some point fiber for textiles, but excess males were valuable currency.

By 8,000 BP the Sahara was a well-watered landscape and the aurochs were used by the Egyptians as draft animals. They were considered a source of wealth and eaten only by the nobility. Over time herding became a distinctive way of life throughout Africa. In the 1950s Evans-Pritchard wrote of the Nuer of the Sudan and the prestigious value of cattle in their society. The Maasai of Kenya and Tanzania are noted for a lifestyle dependent on their cattle herds.

An animal that Dr. Fagan believes is generally overlooked is the donkey. He refers to it as an invisible animal, domesticated from the wild ass around 6,000–7,000 BP. Tolerant of arid conditions, slow to dehydrate, and able to cover great daily mileage, Dr. Fagan calls it the pick-up truck of the ancient world. The ancient Egyptian city of Abydos has been identified as a ritual center where pharaohs were buried, and included there were 10 donkey burials dating to 5,000 BP. The skeletons of these donkeys showed evidence of hard work. German studies of the Dakhla Oasis in Egypt's western desert have identified



PCAS Program Co-Chair Joe Hodulik and December speaker, Dr. Brian Fagan.

trading trails with associated artifacts including donkey skeletons and water containers. It is estimated one-third to one half of the pack train would have been carrying water. In 1895–1715 BC the Assyrians in Turkey used donkey caravans to trade lead, textiles, and tin for gold. In Medieval times the donkey lost much of its prestige value and became a commodity but today they are still believed to number 40 million worldwide.

Horses were used beginning around 8,000 BP enabling man to cover great distances. Apart from being used as draft animals, they became important in war. Mongolian warriors, among others, were noted for their horsemanship.

The camel's hump made it difficult to ride until the development of the modern camel saddle about 1,500 years ago. This allowed for long distance travel across the Sahara, especially in the salt trade. Carts and chariots had long been used in Egypt but camels were much better in the deep sand of the desert.

We look forward to the publication of Dr. Fagan's book in April 2015.

JANUARY CURATION WORKDAY

When: January 10, 2015, 1 pm

Where: Red Car Building

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

January Speaker *(continued from p. 1)*

Olivella Grooved Rectangular (OGR) beads. Dr. Nancy “Anastasia” Wiley’s recent article “Middle Holocene Ceramic Artifacts from the Encino Village Site” found in Volume 47, Numbers 3&4, of the *Pacific Coast Archaeological Society Quarterly* first described the OGR beads within the CA-LAN-43 collection and their association with ceramic artifacts also recovered from the site. This experiment is based on the recent cataloging of materials first discovered at the Encino Village site (CA-LAN-43) in the 1970s and 1980s, which has brought to light previously unidentified OGR beads. Some of the beads are found in what appear to be different phases of production, suggesting they were produced on site. Building from previously reported manufacturing techniques and sequences, this presentation demonstrates a new experiment into the creation of OGR beads. In addition, replicated artifacts and the results of a multitude of other past experiments on the acquisition of raw materials and production of local stone tools, cogged stones, and shell beads will also be on display and discussed.

Dr. Nancy Anastasia Wiley is the Research Director and Principal Investigator for the oldest cultural resource management firm, SRS, Inc. (est. 1973), and the longest privately funded cultural resource investigations in southern California (30+ years). These investigations comprise a multisite and multidisciplinary project that integrates archaeological, historic, ethnographic, and paleontological studies. Her recent work on Bolsa Chica Mesa and Huntington Beach Mesa sites has proven fruitful as she had the ability to work on CA-ORA-83, the “Cogged Stone site.” She has recently written an extensive summary of her findings as Primary Investigator of ORA-83. In addition, Dr. Wiley conducted a series of lectures for the Pacific Coast Archaeological Society on the topic, as well as presented her findings at the Society for California Archaeology Annual Meeting. In Alaska, Dr. Wiley provides archaeology programs through the University of Alaska Southeast with an emphasis on historical archaeology and indigenous archaeology. Every year she leads lectures with her students on their archaeological study results.

Connie “Destiny” Colocho is the Project Manager at Scientific Resource Surveys, Inc. Destiny began her studies in lithics in 2007 at UC Riverside, where she graduated with a BS in anthropology. Currently, Ms. Colocho is an MA candidate at Arizona State University, with a focus on Indigenous Archaeology. She is a coauthor of the technological study of

the Bolsa Chica lithic assemblage, and she has presented findings to the Society for California Archaeology and the Pacific Coast Archaeological Society. Ms. Colocho’s past experiences include working for the Riverside Metropolitan Museum as a Museum Educator and as the Park Archaeologist at The Louis Rubidoux Nature Center, Riverside County Open Space Parks. In both of these positions, she developed and delivered programs that engaged people of all ages in the archaeology of southern California. Ms. Colocho uses her current research into experimental archaeology to further educate the public in prehistoric technologies.

Andrew Garrison is the Senior Research Specialist and Lab Director for Scientific Resource Surveys, Inc. He first began to study lithic assemblages while attending UC Riverside. In 2005 he earned a BA in history and a BS in anthropology with an emphasis in California archaeology. He continued his studies at UC Riverside, and in 2009 he earned an MA in public history. Mr. Garrison also holds a Professional Certificate in Geographic Information Systems (GIS). He is the coauthor of a technological analysis conducted on the stone tools from CA-ORA-83 and CA-ORA-85 located on Bolsa Chica Mesa and has presented findings from these Orange County sites at the Annual Meeting of the Society for California Archaeology and to the Pacific Coast Archaeological Society. Together with Ms. Colocho, they developed a sequence for the manufacture of cogged stones, replicating the artifact type, and presenting their findings. His approach toward lithic analysis is technological, focusing on the production and use-life of the artifacts. Mr. Garrison is also an experienced flintknapper and incorporates replicative experiments into the analysis of stone artifacts.

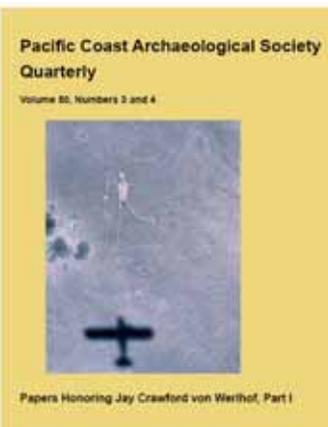


Bead replication.

PCAS QUARTERLY UPDATE

During the first part of January 2015, PCAS members can look forward to receiving Volume 50, Numbers 3 and 4, and Volume 51, Number 1, of the

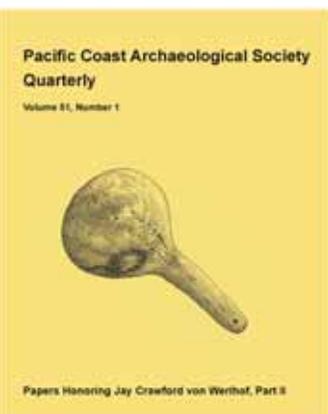
PCAS Quarterly. These issues are Part I and Part II of a Festschrift in honor of the late Jay von Werlhof. Russell Kaldenberg served as Guest Editor for these “Papers Honoring Jay Crawford von Werlhof.” He solicited contributions from people who knew Jay personally and/or felt inspired by the man and his work.



Part I (Vol. 50, Nos. 3 and 4) contains 11 articles, and it closes out the run of issues for publication year 2014. In order of appearance, the authors are: Russell Kaldenberg; Harry Casey; Mark Giambastiani and Mark Basgall; David Whitley; Ron May; Jerry Schaefer; Michael Walsh; Eric Ritter; Don Laylander; Judyth Reed and Bill Wight; and Helen Wells.

Part II (Vol. 51, No. 1) of the von Werlhof remembrance contains six papers. The authors, in order of appearance, are: Gerrit Fenenga, Barbara Erwin, and William Erwin; Billy Clewlow, Clarus Backes, and Helen Wells; Juan Martin Rojas Chávez and Antonio Porcayo Michelini; Ana Katalina Celis-Hernández; Miguel A.

Télez Duarte, Eloísa Aparicio Ceja, and Antonio Porcayo Michelini; and Stephen Horne and Ruth Musser-Lopez. The publication of *PCAS Quarterly* 51(1) signals that the *Quarterly* is back on schedule. PCAS members will receive all issues of Volume 51 in 2015.



The *PCAS Quarterly* Publication Committee thanks Guest Editor Russell Kaldenberg, the articles’ authors and reviewers, and Don Laylander for his liaison with the Mexican authors for all their efforts in bringing these memorial issues to fruition. We think Jay would be pleased.

THANK YOU, JOE HODULIK!

Thank you, Joe, for all the things you do for PCAS! From arranging our monthly speakers as Programs Co-Chair, reserving our meeting rooms, sending publicity flyers about upcoming speakers, and running our Donation-Award table, Joe does an impeccable job with never a misstep. Speakers are known experts and booked well in advance. Our meeting rooms, including the Duck Club for December, were reserved for 2015 in a flurry of faxes within minutes of notification that reservations were open.



Of all Joe’s jobs PCAS members are most familiar with his Donation-Award table (see photo below). The Donation-Award activity is great fun with ticket holders hoping to take home a treasure while supporting the PCAS Scholarship fund. One annual PCAS Scholarship is principally funded

through Joe’s efforts—a second scholarship, the Gloria Bogdan Memorial Scholarship, is totally funded by Tom Bogdan. Joe gives each speaker a ticket, and we all wish we had the speaker’s luck to have the first ticket drawn! Some of the treasures on Joe’s table are donated by PCAS members, but rumor has it that Joe makes his rounds to garage and estate sales on Saturdays shortly after dawn.

Contact Joe (programs@pcas.org or 949-300-1864) to make a tax-deductible donation for the PCAS table. Your donation to the PCAS table may be someone’s treasure.



FROM THE PRESIDENT

By Megan Galway

As another year comes to an end, it's time to take stock of what our society has achieved this year and where we're heading in the future. This can only be done by acknowledging a loyal group of volunteers without whom this Society would not exist.

In November we elected three new board members—Stephen Dwyer, Hank Koerper, and Kathleen Shada. Appreciative thanks are due to Linda Christison, Gail Cochlin, and Sherri Gust who have completed their three-year terms. All these are active in at least one area of Society management.

During the year we took our informational table to both the Society for California Archaeology Annual Meeting in Visalia and the Rock Art Symposium in San Diego. These events enable us to network with archaeologists from around the state and beyond and solicit speakers for our meetings and authors for the *PCAS Quarterly*. Thanks are due to Bob Brace for maintaining our *Quarterly* inventory and transporting boxes of *Quarterly* issues to these events. We also conducted our annual outreach day for fifth-grade students at Garfield Elementary School in Santa Ana. This year we were invited to use the new community center building adjacent to our curation facility, and it was a treat not to be out in the sun and wind as we've been in the past. As a side benefit of the community center construction, we now have electricity in the curation building!! Work continues on our collections, and we will eventually have a searchable database of our collections.

PCAS Quarterly issues published in 2014 included topics on general California archaeology, a volume in honor of Philip J. Wilke, and another on Alta and Baja California. All editing and formatting is handled by Society members, only the printing is contracted out. This applies also to our monthly Newsletter. Program Co-chairs Joe Hodulik and Brian Steffensen have found us wonderful programs for our monthly meetings. We've heard about projects ranging from the Channel Islands to Texas and Mexico. Joe also manages our monthly donation/award activity to benefit the Scholarship Fund. The generosity of our members made it possible to award two \$1,000 scholarships to California undergraduates.

Special thanks are due to our current Vice President, Scott Findlay, who acts as our facilities manager and field trip leader and generally keeps us all in line. These are just some of the folks who labor in the background to keep our Society running as it should, and I extend my sincere thanks to each and every one of them.

HOLIDAY GATHERING

PCAS members and guests enjoyed the annual Holiday Potluck Gathering on December 11^h at the Duck Club. Our speaker, Dr. Brian Fagan, engaged the audience with a discussion about our relationship with animals.

This enjoyable evening would not have been possible without the efforts of many people. Joe Hodulik coordinated the reservations for the facility. Bob and Rene Brace, Gail Cochlin, Dorothy DeGennaro, Scott Findlay, Megan Galway, and Lynn Miller set up and decorated the Duck Club. Dishes brought by our members and guests were delicious. Everyone pitched in and made clean up fast and easy. Thank you all for making the evening so enjoyable!

Thanks to our sponsors!

Tom Bogdan

Sherri Gust (Cogstone)



DIG THIS...



Lectures

The Old Spanish Trail, by Cliff Walker, a Palm Springs Public Library lecture, 500 S. Sunrise Way, Palm Springs, January 7, 6:30 pm. Free. Information: www.joshuatree.org/desert-institute.

Hatshepsut: The Woman Who Would Be King, lecture and book signing by Dr. Kara Cooney (UCLA), an ARCE lecture. Bowers Museum, January 10, 1:30 pm. Free. Information: www.bowers.org or 714-567-3677.

Homer and Archaeology, by Alexander Ainian, Ph.D. (University of Thessaly, Greece), a lecture of the AIA, Orange County Chapter. DeNault Auditorium in Grimm Hall, Concordia University, January 11, 2–4 pm. Fee: \$5; students and members free. Information: www.aia-oc.org.

VEN 632/Chumash Museum Project, by Deb Roman, will discuss reexamining the evidence using archaeometric methods on artifacts collected in the 1980s. Ventura County Archaeological Society, Chumash Indian Museum, 3290 Lang Ranch Parkway Thousand Oaks, January 13, 7 pm. Free. Information: www.venturaarchaeology.org.

Casting and Working Metal in Ancient China, by Dr. Anthony Barbieri-Low (UCSB), January 17, 1:30 pm; and ***Secrets of the Lost Wax Method of Ancient Metallurgy: A Cross-Cultural Perspective***, by Dr. Thomas Evan Levy (UCSD), January 25, 1:30 pm. Bowers Museum. Fee: \$10; members \$5. Information or to purchase tickets: www.bowers.org or 714-567-3677.

Classes, Meetings, and Events

Bird Singing: Perspectives on Indian Social Song & Dance, a panel discussion moderated by Michael Mirelez (Desert Cahuilla). A program of the Agua Caliente Cultural Museum, Hilton Hotel, 400 E. Tahquitz Canyon Way, Palm Springs, January 28, 6:30 pm. Free. Information: www.accmuseum.org.

(Classes, Meetings, and Events Continued)

Singing the Birds (Wikitmallem Tahmuwhae): Bird Song & Dance Festival celebrates traditional Cahuilla bird singing and dancing. Palm Springs High School Gymnasium, 2401 East Baristo Road, Palm Springs, January 31, 12:00 pm–7:00 pm. Admission and parking free. Information: www.accmuseum.org.

Rock Art of Southern California, by Daniel McCarthy, February 22, 8 am–6 pm (participants will drive about 150 miles during the class); ***Intaglios Along the Colorado River***, by Daniel McCarthy, March 8, 7:30–6 pm (participants will drive about 250 miles during the class); ***Native American Plant Uses***, by Daniel McCarthy, March 21, 9 am–4 pm. All classes of the Desert Institute at Joshua Tree National Park. Fee: \$70; \$60 members. Information: www.joshuatree.org/desert-institute.

The Annual Meeting of the Society for California Archaeology will be held March 12–15 at the Holiday Inn/Red Lion, Redding. Information and registration: www.scahome.org.

The 80th Annual Meeting of the Society for American Archaeology will be held April 15–19 at the Hilton San Francisco Union Square, San Francisco. Information and registration: www.saa.org.

The American Rock Art Research Association (ARARA) will hold its 42nd annual conference May 22–25, 2015, at the Colorado Belle Resort and Casino in Laughlin, Nevada. Paper abstracts due March 1. Information: www.arara.org.

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 nonprofit group of professional and avocational people dedicated to proper management of our cultural resources, public education, and the protection and preservation of archaeological materials and collections.

The following principles have been adopted by the PCAS:

1. Professional methods and forms will be used on all archaeological field surveys, excavations, and laboratory sessions.
2. A complete record of field and laboratory work will be filed with the PCAS Curator and stored at a facility approved by the Society's Board of Directors.
3. No archaeological materials will be removed without proper permits, landowner permission, and a field research design.
4. Unless otherwise legally stipulated before activity commences, all materials collected will be deposited for further research with the Curator at a facility approved by the Society's Board of Directors.
5. All generated reports will be the property of the Society and distributed as deemed appropriate.
6. All Society field activities will be performed only under the direction of a qualified field archaeologist (Principal Investigator) and the supervision of field or site directors.
7. The above principles will be observed on both Society approved projects and projects performed under the direction of an authorized institution or organization.
8. The Society and its members will strive to educate the public of the importance and proper management of our non-renewable cultural resources and to discourage the collection and commercial exploitation of archaeological materials.
9. PCAS members shall not benefit from the acquisition, purchase, sale, or trade of archaeological artifacts, materials, or specimens.
10. All members shall adhere to City, County, State, and Federal antiquities laws.



Connie "Destiny" Colocho, Dr. Nancy Anastasia Wiley, and Andrew Garrison at the April 2011 PCAS meeting.

Come to the January 8 presentation—
Grooving in the Past

PCAS SPEAKER CALENDAR

February 12, 2015

Dr. James Kennett

Evidence for the Younger Dryas Boundary (YDB) Cosmic Impact 12,800 BP and Its Environmental, Biotic, and Human Consequences

March 12, 2015

Steve Freers

April 9, 2015

TBA

May 14, 2015

Dr. Aharon Sasson

June 11, 2015

George Kline

Archaeology of the Chuckwalla Valley

2014 PCAS BOARD MEMBERS AND COMMITTEE CONTACTS

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

*PCAS Board Member

PACIFIC COAST ARCHAEOLOGICAL SOCIETY

2015 Calendar Year Membership and Subscription Form

Name(s): _____

Address: _____

City: _____ State: _____ Zip Code _____

Phone: _____ Email: _____

Newsletters will be sent by email unless a mailed copy is requested.

I have read and agree to abide by the PCAS Code of Ethics _____

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* - \$40
- Newsletter* - \$20
- 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