



THE COLORADO DESERT
ARCHAEOLOGY
 SOCIETY BULLETIN



DECEMBER 2021

NOTES FROM THE PARK

**LAND
 ACKNOWLEDGMENT**

The Kumeyaay, Cahuilla, Cupeño, and Payómkawichum/Luiseño are the Original peoples of the Anza-Borrego Desert, Palomar Mountain, and Cuyamaca Rancho State parks. These traditional homelands in the Colorado Desert District are rich with their heritage and cultural tradition. The Colorado Desert Archaeological Society acknowledges these places as the Peoples' homelands and offers gratitude for their stewardship of these lands from time immemorial through the present and into the future.



**THE
 VILLAGE
 GROWS**

Four of the five e'waa structures have been completed at the Kumeyaay Village being constructed at Cuyamaca Rancho State Park under the direction of Dr. Stan Rodriguez. Photo by Robin Connors

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HAYLEY ELSKEN Associate State Archaeologist

The desert season is in full swing with chilly temperatures in the morning and beautiful afternoons.

I have been busy with Park day-to-day work, including reviewing projects and permits for special events and scientific research. I have also been reviewing utility company work to make sure that the activities in the Park will not harm or impact any of the cultural resources in the district. The highlight of the month has been getting out and into the Park for the Kumeyaay Village Build and Arch Tech classes!

Members of the Archaeology Technician training class finished their first two survey sessions in Cuyamaca in November. The students are really getting the hang of staying on course when surveying North/South. They have recorded a handful of new sites in Cuyamaca and updated one older site.



Save the Date! CDAS Annual Meeting — Saturday, Jan. 22, 2022

CALENDAR

COVID UPDATE

Restriction on number of people in the lab and library is lifted and masks are encouraged — but not required — for those who are vaccinated. **Masks are required for those who are not.**

LAB DAY

Every Tuesday, 9 a.m. to 3 p.m.

LIBRARY

Every Tuesday, 9 a.m. to 3 p.m.

Every Thursday, 9 a.m. to 12:30 p.m.

REMINDER: The BARC library is open to CDAS members only. If you wish to check out a book, either stop by during library hours on Tuesday or Thursday, or contact Paula Huls at 206-276-8844 to schedule a pick-up time.

STEERING COMMITTEE MEETING

(Virtual via Zoom)

Friday, Dec. 17, 1:30 p.m.

All members are invited to attend.

Members will be sent the online link prior to the meeting.

ARCHAEOLOGY TECHNICIAN TRAINING CLASSES

The weekend classes continue through Dec. 10 & 11 with virtual presentations on Friday evenings, 5 to 8 p.m. via ZOOM. Saturdays are field days.

SITE STEWARD TRAINING

Saturday, Jan. 15 in the classroom

Sunday, Jan. 16 in the field.

CDAS ANNUAL MEETING

Saturday, Jan. 22

In-person and Zoom

Borrego Springs Library

CONTINUING EDUCATION

- Saturday, Feb. 26 - "Ground Stone" with Dr. Joan Schneider;
- Saturday/Sunday, March 19-20 "Flintknapping" with Dr. Jeanne Binning

ARCHAEOLOGY DAY

Sunday, March 13

Details TBA

PLEASE NOTE:

All Park volunteers must have proof of COVID vaccination on file in order to receive Better Impact notifications and to record your hours. Send proof to

wendie.wallace@parks.ca.gov.

NOTES FROM THE PARK



Archaeology Technician training class members learn how to survey an archeology site. Photo by Rick Huls

Continued from Page 1

The sites have mainly been bedrock milling, but we did record one quartz quarry site and found some beautiful artifacts, including a well-shaped discoidal mano and a gray quartzite tool.

I couldn't do the field portion of this class without the help from **Patty McFarland** and **Robin Connors** as the group archaeologists, and **Rick and Paula Huls, Lance Deibler** and **Christiane Villescaz** as group leaders.

In the Friday evening virtual lectures, the class has learned about photography from **Rick and Paula Huls**, GPS skills from **Don Endicott**, primary records from

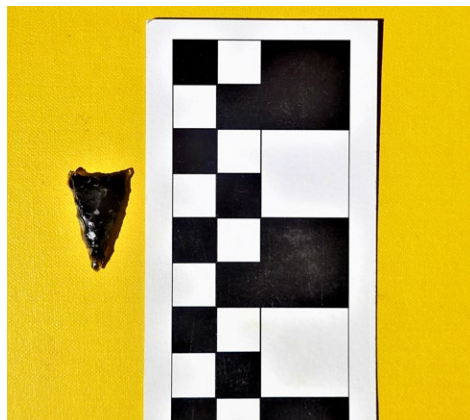
Susan Gilliland, and cultural landscapes from **Robin Connors**.

We have also gone over cultural resource law, the history of the Colorado Desert District, artifacts and features of the CDD, how to use Avenza Maps, and the basics of archaeological survey. →



Milling feature being recorded by Arch Tech class in Cuyamaca Rancho State Park

Photo by Hayley Elsen



During a field survey with the Arch Tech training class, one of the students found an obsidian point, shown above (right) as it was found in the field — and with a scale. What a way to start! Photos by Rick Huls

NOTES FROM THE PARK



The Arch Tech class conducting the field survey, carefully walking along designated North/South lines

Photo by Hayley Elsen

Continued from Page 2

The class began to fill out the paperwork for the site records during the most recent class. The site records should be finished by the end of the training for some of the sites recorded in Cuyamaca.

The Kumeyaay Village in Cuyamaca Rancho State Park has many completed elements. Four of the five e'waa structures (houses) are finished, including the addition of doors. Also completed are the tule boat and boat stand, the acorn granary, as well as the stand and ladder for the granary.

The last e'waa only needs a couple more willow branches for the frame. The big element that still needs to be completed is the shade ramada. We are hoping to be up in Cuyamaca again on Friday, Dec. 10 with **Dr. Stan Rodriguez** to do more work — and focus on finishing the shade ramada.

I gave a program for Park visitors at the VC this month and will be giving it again in December. During the program, the visitors get to go on a small archaeological survey and look for artifacts and features near the palm grove of the visitor center. (I have planted some teaching props in the area



A Kumeyaay boat made from tule (bulrush) gathered from nearby marshy stream shores

Photo by Robin Connors

for the visitors to find.) From this program, they can learn a little bit about what archaeologists do, what sort of archaeology we find in the desert, and how to properly treat archaeology sites.

Lab Days have been busy, and I am very grateful for all the work that Lab Day volunteers have been



A willow basket sits atop a granary stand that is equipped with a ladder. These baskets were used to store different varieties of acorns.

Photo by Robin Connors

putting in. The BARC and BARC Library are sparkling clean. It was lovely to come in from the field and meetings and to see all the little dust bunnies and spiderwebs had been cleaned away!

Besides cleaning up the BARC, volunteers have been working on completing site records, organizing and scanning original handwritten site records from the 1970s, inventorying collections, preparing collections for input in the digital museum database, and more!

— **Hayley**



THERESA FOWLER HARRISON

Scary times these days. The Omicron virus is here, and typically, the Dow responded by going down. The latter was not unexpected because uncertainty is unnerving. I know how I cope. First, I turn off the television, and then I go outside for a walk or run. Something about hitting the dirt is grounding, pardon the pun.

Have you ever done something that scares you, but you tried it anyway? I am not a fan of heights, but I rock-climbed in Pinnacles National Park in California. I hiked the Steep and Narrows there, too. Both were physically (and mentally) exhausting and my legs were scissoring by the end. Still a thrill. The second time I tried, I enjoyed it even more. And the third...

I didn't stop there. A few trips later, I brought along my senior students with me. At the time, I was director of the Fitness and Sports Training Academy at Salinas High School. It was gratifying (and funny) to see some of the larger football players experiencing the same fear I had my first time. That is me, top right in the photo, working my way to the top.

As Eleanor Roosevelt said in 1960, "You must do the thing you think you cannot do." Or as Ralph Waldo Emerson said in 1841, "Always do what you are afraid to do."

Why am I telling you this? Because we want you to join the CDAS Steering Committee. Meetings are once a month, September through April, the third Friday from 1:30 to 3:30 p.m.

Steering Committee members support Associate State Archaeologist Hayley Elsken and her work in the Colorado Desert District, which includes Anza-Borrego Desert, Palomar Mountain and Cuyamaca Rancho state parks. We need you to join us in helping protect and preserve the rich cultural heritage in these beautiful areas.

If you attended the recent CDAS Public Education program on Channel Islands Migration that John Downing organized, you saw one of the tasks the Steering Committee and subcommittees are engaged in. Susan Gilliland has set up the ground stone and flintknapping classes in the spring. We have Archaeology Day at the Visitors Center scheduled in March. And there are many more worthwhile and fun projects to be involved with.

Please join our team. If you have questions and are interested, please contact me at 831.261.7448 or via email at tfowlerharrison@gmail.com. Thank you!

— **Theresa**

P.S. Happy Holidays to all of you!



Theresa rock-climbing in the Pinnacles National Park. (She is in the upper right corner.)

Photo courtesy of Theresa Harrison

WE WOULD LIKE TO NOMINATE YOU TO THE STEERING COMMITTEE

The CDAS steering committee assists Hayley as the District Archaeologist in her work protecting the Park's cultural resources, sites known and yet to be known. CDAS supports YOU as stewards and archaeology technicians with continuing education, events and public education so we all can assist Hayley more effectively.

In the last two years, we modified our steering committee meetings so that they all occur via Zoom. This makes participation easier for all members. Our meetings are once a month lasting about an hour and a half. Other work preparing trainings and events happens on an ad hoc basis in between.

YOU need YOUR participation in the steering committee. Nominate yourself or a volunteer colleague. Contact Eugenie Newton (evnewton8@gmail.com) or Theresa Harrison (tfowlerharrison@gmail.com) to get more information and to send in your nomination(s), which are due **NO LATER THAN FRIDAY, DEC. 17.**



SITE STEWARD NEWS**NOW IS THE TIME TO EXPLORE AND TO STEWARD NEW SITES**

By Pat Downing
Site Steward Coordinator

Hello Site Stewards. Are you ready to change your site or take on a new site to monitor? I would like existing stewards to have first choice on sites, prior to assigning sites to the new January training class.

Sherry Mitchell monitors a rock art site in the far south of the park and will be changing sites this season. Sherry would be happy to introduce a new steward (or two) to her site. A street vehicle is fine for access, but there is hiking and some boulder climbing to access the various sites. If you would like more information on this opportunity, please contact me.

It's great to see so many out visiting their sites and the reports rolling in. Thank you for all you do!

— **Pat**

pdsnewmail@gmail.com

NOTE: The upcoming Site Steward training class in January is full, but there is a waiting list if you are interested.



Site Steward Mike Hurley taking a break from a site reconnaissance in Coyote Canyon.

Photo by Scott McClintock



CALIFORNIA STATE PARKS AND RECREATION

The Colorado Desert District includes Anza-Borrego Desert State Park, Cuyamaca Rancho State Park and Palomar Mountain State Park.



COLORADO DESERT ARCHAEOLOGY SOCIETY

The mission of CDAS is to assist Park staff with the documentation, preservation and protection of the district's prehistoric and historic cultural resources.

★ **HAYLEY ELSKEN**

ASSOCIATE STATE ARCHAEOLOGIST / TRIBAL LIAISON
 COLORADO DESERT DISTRICT

760-767-4403

hayley.elsken@parks.ca.gov

2020/2021 CDAS STEERING COMMITTEE

The Steering Committee convenes once a month during the season. Meetings, which are virtual, are open to all members. If you have any comments or suggestions and cannot attend a meeting, please contact one of the following members:

Chair: Theresa Harrison — tfowlerharrison@gmail.com

Vice Chair: Lois Carlson — loiseleanor@gmail.com

Secretary: LLouise Jee — llwalking@yahoo.com

Treasurer/Webmaster: Eugenie Newton — evnewton8@gmail.com

Member: John Downing — johndowning2014@outlook.com

CDAS Bulletin Editor: Laurie Brindle
bulletin@anzaborregoarchaeo.org

ABOUT THE BEGOLE ARCHAEOLOGICAL RESEARCH CENTER



The post-and-beam construction and straw-bale infill at the BARC help keep temperatures cool year-round. Two separate heating-and-cooling systems comply with federal requirements for proper storage of cultural materials.

Photos by Laurie Brindle

ROBERT BEGOLE'S VISION AND WORK LIVE ON AT THE BARC

By Carol Black

It's been called a treasure chest. And a hive of activity. And a shining example of environmentally sound desert architecture. These are all true.

But most important, the Begole Archaeological Research Center is an essential facility created to house a priceless collection of artifacts, to foster research — and to be a gathering place for the archaeology community.

Robert Begole, “Mr. Archaeology of Anza-Borrego Desert Region,” (1919-2010) provided the inspiration and generosity that made the BARC a reality. He spent over three decades recording more than 3,000 cultural sites in the Park as a professionally accredited volunteer archaeologist. The BARC was constructed primarily by CDAS volunteers whose mission is to preserve and protect cultural resources.

Dedicated in 2006, the unique straw-bale building on Palm Canyon Drive is a stone's throw from the ABDSP Visitor Center and has several components.

First in view upon entering the main building is the office area with stunning views of Indian Head mountain. Behind glass doors is the climate-controlled “Lab,” and across the patio, a welcoming library with historical displays and a conference table.

The Lab houses a multitude of cultural artifacts — relics that reveal thousands of years of occupation in Anza-Borrego Desert, Cuyamaca Rancho and Palomar Mountain state parks. These artifacts have been collected in the parks by early archaeologists, researchers and trained members of CDAS under the direction of state park archaeologists during field surveys.

Following contemporary archaeological practice and direction from local Native American tribes, the Park no longer routinely collects material in the park, but rather studies and documents it before returning it to its location in situ.

However, it's vital to establish optimal care for the large collections we already have. The BARC provides the right physical environment. However, it's up to volunteers to take the next step, which is the documentation. →



Large ollas are among the BARC's extensive collection of artifacts.



A variety of ground stone tools are carefully stored in the BARC's climate-controlled lab.



The BARC collection includes an abundance of historic artifacts, such as this rusty street sign.

ABOUT THE BEGOLE ARCHAEOLOGICAL RESEARCH CENTER

Without documenting our collections, we lose an important component of preserving our cultural record. And without proper cataloging of each and every artifact, they lose their identity, their relationship to land and time, and become meaningless. Many collections came to the BARC before computers and data bases were common, so there is still much work to do

This is why we have the CDAS “Lab Rats,” (as they like to call themselves), who are the heroes of the BARC. They assign catalog numbers, fill out spreadsheets, enter data into Park computers and are responsible for properly accessioning the collections.

These are our CDAS volunteers who like nothing better than to sit for hours, sifting and sorting using practiced eyes — and with the help of microscopes, metric scales, and calipers — describe and measure each artifact. No detail is ignored as each piece of data comes together to tell a story, a picture of treasured history in the Park.



One of the notorious BARC Lab Rats, cartographer LLouise Jee, helps Arch Tech and Site Steward John Case with his mapping questions. Currently, LLouise is checking old site records for accurate locations on our maps.

Who are these members?...**Roger Riolo** comes to mind, trying to figure out if this is just rabbit scat or something else; **Julie Nyssen**, who never met a rock she didn't adore; **Gary Holmes**, who drove a hundred miles every week to count lithic debitage; **Rick and Paula Huls**, who dug through boxes of photos, slides and CDs, searching for relevant references; **Susan Gilliland** whose expertise is solving cold case mysteries in the BARC; and **Lisa Pridmore** and **Randy Redfern**, who helped set up the library with the conference table, cozy chairs and additional bookshelves. And of course, the late **Astrid Webb**, who epitomized the heart and soul of the BARC. As a dedicated volunteer, she viewed every artifact, every record, and every map as a treasure. She was the Queen of Accessions.



Patty McFarland, another BARC Lab Rat, displays wrapped artifacts that are documented and stored in labeled boxes on the movable shelves. These days, Patty is finishing site records and mastering the TMS database.

There are many other CDAS members who make significant contributions, you know who you are and how vital your work is to protecting and preserving the cultural resources within ABDSP. We congratulate you all as the keepers of our treasure.

If hiking up steep hills lugging buckets of tools is not for you, the BARC is a welcome respite where you can enjoy the company of folks who share common interests. A cool, quiet and inviting workspace where your talents can shine among the chest of treasures.



The BARC was designed around the Space Saver shelving system, which is on railings and is compactible to maximize available space.

Photos by Laurie Brindle

A QUICK LOOK AT THE BARC

This building was created entirely with donated money. No tax funds were used. Bob Begole donated \$250,000, which was matched with a California Cultural Heritage Endowment grant. CDAS also raised some funds. Volunteers did much of the construction.

- Total cost was approximately \$500,000.
- It was dedicated in April of 2006.
- Post-and-beam construction with straw bale infill. It has shear walls for earthquake stability.
- It's very well insulated: R43/44 - very efficient with large windows facing north to minimize solar gain.
- There are solar panels on the roof which supply much of the energy for the complex.
- Offices are in the front and the curation facility (Lab) is in the back. They are on two separate heating-and-cooling systems to comply with federal requirements for proper storage of cultural material.
- The building was designed around the Space Saver shelving system. It's on railings and is compactible to maximize the available space.
- Because we have a proper curation facility, we are able to hold important collections — such as those from excavations at Indian Hill.

We have prehistoric objects from the Archaic period (around 4500 years ago) up to more recent historic ranching and World War II artifacts.

Our prehistoric artifacts include beautiful ollas, large ground stone tools, and unusual lithics.

The historic artifacts include more familiar bottles, rusted cans and tools used by ranchers. It also includes military remains of nearby training maneuvers.

We also have important historical documents and photographs that are stored safely.

Paper copies of all the documented archaeological site records in Anza-Borrego Desert, Cuyamaca Rancho and Palomar Mountain state parks take up a long row of shelving.

We often receive donations of artifacts with no provenience. These can be used for educational purposes, but have lost much of their value for research or for understanding the cultural history of the area.

The BARC is normally closed to the public except for limited organized tours.

Carol Black and Susan Gilliland



A pair of small cupboard doors set in a BARC wall reveals the straw bale infill.

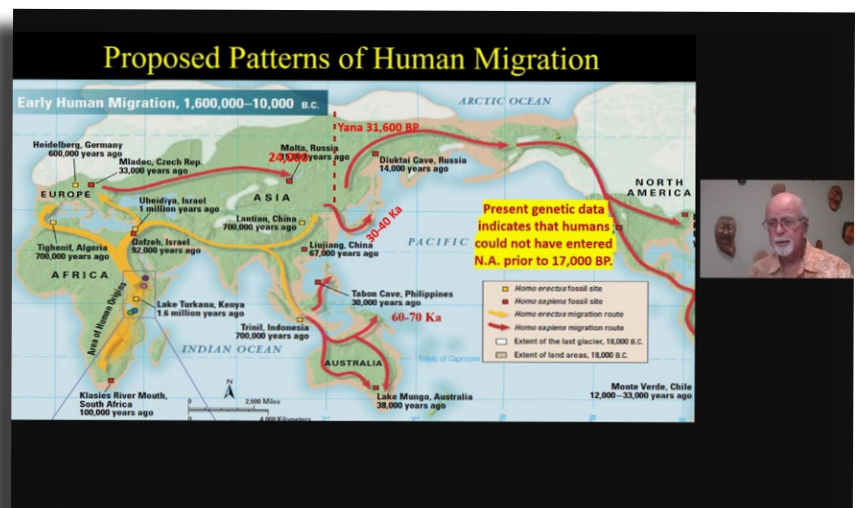
PUBLIC EDUCATION PROGRAM REACHES INTERNATIONAL AUDIENCE

Approximately 220 attendees from around the world attended the CDAS public education evening presentation via Zoom on Monday, Nov. 15.

The virtual event, "Discussion: Channel Islands Maritime Migration Hypothesis," featured Jim Cassidy, M.P.A., Ph.D. and author, who talked about proposed patterns of human migration and arrivals on the coast of California, including the Channel Islands. A Q & A session followed Dr. Cassidy's presentation

The virtual event, which set all-time registration and attendance records for CDAS, was produced, marketed and moderated by John Downing, CDAS Steering Committee member.

The global audience included attendees from the UK, Russia, Croatia, Albania, Australia, and Mexico.



The program was recorded and may be viewed by going to the CDAS website or clicking on the link below.

<https://www.anzaborregoarchaeo.org/current-topics-in-archaeology/>

CDAS MEMBER PROFILE

RANDY REDFERN

By Sally Bickerton

Borrego resident Randy Redfern has long had an interest in the history and indigenous people of California.

He has traveled throughout Baja and Southern California, as well as mainland Mexico, visiting missions, ruins, historic places, rock art sites – and surfing!

Randy attended UC San Diego and majored in cultural anthropology. He enjoyed coastal living in Encinitas while working in construction in San Diego and Santa Barbara areas.

Randy first visited Borrego about 35 years ago and explored the palm canyons of upper Coyote Canyon, as well as many other parts of the Park.

One memorable camping trip ended in a horrendous sand storm. When driving home to Encinitas, he saw a “for sale” sign for a house in Shelter Valley and bought it for weekend get-aways.



Randy studies an intriguing petroglyph during a trip to Arizona. Photo by Lisa Pridmore

He also spent 11 years living in Kauai, building a Frank Lloyd Wright School inspired/Taliesin West designed house – and the surfing was a plus.

In 2011, Randy moved to Shelter Valley. He became interested in rock art after reading *The Forgotten Artist: Indians of Anza-Borrego and Their Rock Art* by Manfred Knaak. Knaak's book inspired him to visit and explore



Petroglyphs and dramatic desert varnish were notable features on this hike. Photo by Lisa Pridmore

rock art sites in Borrego, which he did with the help a few old books such as *Old Time Cattlemen of the Anza Borrego Desert* and *Anza Borrego A to Z* – and some crude directions from an acquaintance. Randy later expanded his exploration to rock art sites throughout the country.

Randy's growing interest in rock art led him to take the ABDSP paleontology class, and then the CDAS training class from Dr. Joan Schneider, in 2013 to 2014.

He soon joined the San Diego Rock Art Research Association, the American Rock Art Research Association, the Sacramento Archaeological Society, and rock art associations in Utah, California, and the Sierras.

Randy received the prestigious Poppy Award from California State Parks, along with Lisa Pridmore and the late Astrid Webb, for

their exemplary volunteer service helping set up the BARC library and expanding the selections of pertinent books and reference materials.

He continues to travel and camp all over the Southwest and upper and lower California to rock art sites and ancient Puebloan ruins, including Chaco Canyon, Mesa Verde, Hovenweep, and lesser known ones such as Cedar Mesa.

Randy now lives in Borrego Springs. His latest hobby is growing fig trees from all over the Mediterranean and U.S. He currently has more than 100 varieties.

He stays active in CDAS and has supported the site steward program by introducing new stewards to their sites.

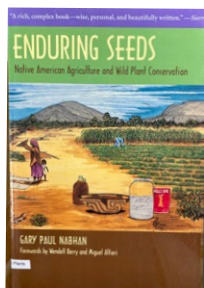
Randy most enjoys exploring and finding new sites. Many have benefited from his knowledge and experience.

BOOK REVIEW

ATTENTION, LOCAVORES! NEED SOME HEALTHY RECIPES? CHECK OUT THE BARC LIBRARY

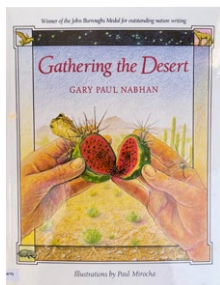
By LLouise Jee

What's to eat? The BARC library has a variety of answers. There are cookbooks, and botany books with recipes. Books focused on plants and histories of botanical evolution of the Southwest deserts provide a fascinating perspective. Most of the recent publications are illustrated with glowing color and sometimes sepia-toned historic photographs.

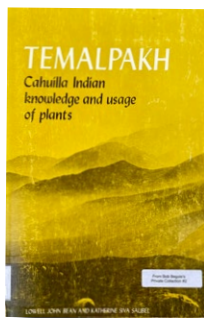


Two books by Gary Paul Nabhan, **Enduring Seeds**, and **Gathering the Desert**, are more historic and evolutionary. **Enduring Seeds** traces out distribution and agricultural practices of past and present peoples throughout the Americas.

Salvaging and conservation of heritage seed and environmental impact are discussed. **Gathering the Desert** looks at specific plants. Chapters focus on a single plant revealing historic and current cultivation practices in addition to culinary and medical usage.

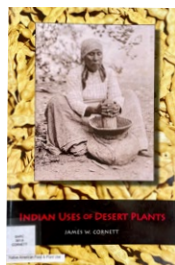
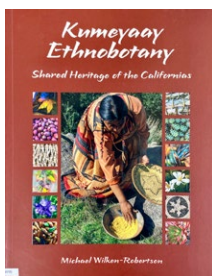


Although some plants are in the Palm Springs area, most discussion is relevant to east of the Colorado River.



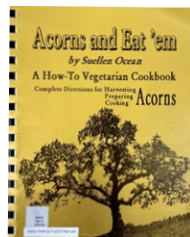
Temalpakh is a catalogue of Cahuilla names for plants and their many uses in the northern areas of the Colorado Desert District.

Kumeyaay Ethnobotany covers plants in the southern region (of the Colorado Desert District) with photos and processing techniques.



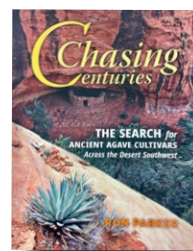
Indian use of Desert Plants ranges from California to Texas, providing uses and a photo, plus scientific names that overlap the previous two books.

Plants of the Cahuilla Indians, a recent version of **Temalpakh**, contains color photos, growing and flowering times, plus a names cross-reference.



Acorns and Eat 'em describes California' oaks and reminds you that all of the acorns must be leached. Learn about oak varieties, and then get ready to make acorn cheesecake, salads, biscuits and bread.

Chasing Centuries is a journey through the agaves in the Southwest deserts, but there are no recipes, just wonderful photos for your eyes.



Another rambunctious California trip is **Seaweed, Salmon, and Manzanita Cider**. Modern and historic photos and stories accompany directions for stews, breads, sweets and roasted wood rats.

Cooking the Native Way is one book that ties the first two by Nabhan to the end of this eating story. It actually shows what tertiary beans are, clarifies what they were called by the Cahuilla and Kumeyaay, and tells how to cook them. Prickly Pear popsicles for a snack?





HELP WANTED

JUST SAY YES!

To better communicate about ways you can help with the many projects at CDAS, this monthly column lists various tasks that need to be done. By breaking up big projects into more manageable, bite-size duties, we hope to get more members involved. Everyone benefits. As the saying goes, "many hands make light work." Following are some of the current opportunities.

PUBLIC PROGRAMS SUB-COMMITTEE

CDAS Public Programs are presentations open to the general public and are conducted by guest speakers who are experts in their field of study. Subject matter is generally related to the cultural heritage, both historic and pre-historic, of people that have resided in the state parks of the Colorado Desert District. Subjects about archaeology outside this area are also welcome.

Past topics have been: San Diego County History 10,000 Years, Patton-Desert Military Training, Rock Art of the Cosos (video), Marshall South, The Clovis People, Ethnobotany-Native Plant Uses, etc.

Public programs have in past years been presented live in the Anza-Borrego Desert State Park Visitor Center's Discovery Room.

This season, they will be presented to the public via Zoom. CDAS has a Zoom coordinator who schedules and hosts all presentations. In the past, this program has been coordinated by one person. While this is satisfactory, it could also be a small group of CDAS members working as a subcommittee.

DUTIES:

- Identify potential speakers by polling the park archaeologists and steering committee members, past and present; or any other individuals or institutions that may suggest potential speakers.
- Contact speakers, determine subject matter, coordinate meeting times, introduce or arrange introductions for speakers at the beginning of Zoom meeting.

APPROXIMATE HOURS:

September, October and November: 10 hours/month
December through April: two to three hours/month

If you are interested in helping, please email John Downing at: johndowning2014@outlook.com

ARCHAEOLOGY DAY COMMITTEE

Scheduled for Sunday, March 13, Archaeology Day, held at the Visitors Center, is a fun event for volunteers. We will want help with set-up, clean-up, staffing information tables, taking visitors to the BARC for tours, publicity and many other activities. Email Eugenie Newton at evnewton8@gmail.com for more information and to offer your assistance.

MARKETING/PUBLICITY

Keeping CDAS members, Park staff, fellow Park volunteers, and the public informed about archaeology activities and resources is of the utmost importance. That's where "marketing" comes in. We would welcome any assistance you might offer.

Some of the tasks that are performed on a regular basis include producing the monthly CDAS Bulletin, creating flyers, brochures and posters, and publicizing CDAS special events to outside media sources.

As you know, our season runs October through May. Hours required depend on each task. We have several brochures that need to be updated immediately. If any of these sound interesting to you and you would like more information, please email Laurie Brindle at bulletin@anzaborregoarchaeo.org

VIDEO EDITING

Susan Gilliland, CDAS continuing education coordinator, is looking for someone to assist her with editing videos of online archaeology lectures. If you would be able to help, please contact Susan at shgilliland@mac.com

HOUSEKEEPING

Do you have some time to help keep the BARC looking its best? Desert bugs and fine dust have a way of quickly accumulating. If you would like to swing by armed with your favorite cleaning implements, just check with Hayley for the best time.

Colorado Desert Archaeology Society

"To keep you current as we explore the past"

Be sure and visit our website often for past CDAS bulletins, resources, photos and additional helpful information!

www.anzaborregoarchaeo.org

REGIONAL ARCHAEOLOGY MUSEUMS & CENTERS

BARONA CULTURAL CENTER AND MUSEUM

The museum is open. Visitors are encouraged to wear masks, but they are optional only for those who are fully vaccinated.

Hours: Thursday and Friday, Noon to 5 p.m.

Saturdays, 10 a.m. to 4 p.m.

<https://www.baronamuseum.com>

CALIFORNIA ROCK ART FOUNDATION

www.carockart.org

MALKI MUSEUM

Now open and implementing COVID19 restrictions

Hours: Tuesday - Saturday, 10 a.m. to 4 p.m.

951-849-7289

malkimuseum.org

IMPERIAL VALLEY DESERT MUSEUM

Now open! Hours: Wednesday -Sunday, 10 a.m. to 3 p.m.

Admission: \$5

• *We are currently waiving the admission fee during the development of our Phase 3: Geology Exhibit. However, we are accepting donations to allow us to continue providing exceptional events, programs, and exhibits that focus on preserving, interpreting, and celebrating the deserts of Southern California.*

SAN DIEGO ARCHAEOLOGICAL CENTER

• *Living Room Lecture Series*

"LATE PLEISTOCENE FOSSILS — Recontextualize the Ecology of Introduced Turkeys in California"

By Ashwin Sivakumar

Thursday, Dec. 9, 6:30 p.m.

Online Zoom — Cost: Pay what you wish

Registrations required. Registration closes at 4 p.m.

<https://sandiegoarchaeology.org/turkeys/>

LATE PLEISTOCENE FOSSILS
RECONTEXTUALIZE THE ECOLOGY OF
INTRODUCED TURKEYS IN CALIFORNIA

Ashwin Sivakumar

DECEMBER 9, 2021 | 6:30 PM

SAN DIEGO COUNTY ARCHAEOLOGICAL SOCIETY

<https://sdcas.org>

SOCIETY FOR CALIFORNIA ARCHAEOLOGY

<https://scahome.org>

SUNBELT PUBLICATIONS

SUNBELT SPOTLIGHT

"Desert Bighorn Sheep"

By Mark Jorgensen

Thursday, Dec. 16, 12:00 p.m.

Online Registration

Free Admission

<https://sunbeltpublications.com/events/>

STATE OF THE PARK ADDRESS

If you missed the **State of the Park** talk by Ray Lennox, Superintendent for the Colorado Desert District, you may view it in its entirety by clicking the link below.

<https://drive.google.com/file/d/1bi97XfdB93kl5i--bJVS1xKg-rjtmrLX/view?usp=sharing>

BASIC DESERT SAFETY TIP

Make sure you have the Park rangers' contact number with you in the field at all times in case of an emergency!

SURCOM
951-443-2964

Spring 2022 Class Schedule. Please take a look at Spring course offerings! Registration is Nov. 15th - Jan. 30th.

KUMEYAAY COMMUNITY COLLEGE

In Partnership with Cuyamaca Community College

Spring 2022

WE MEET CSU AND UC REQUIREMENTS

Easily transfer your credits to San Diego State University, the University of California San Diego, California State University San Marcos

CONCURRENT ENROLLMENT FOR HIGH SCHOOL STUDENTS!

Take the opportunity to earn college credit while working on your diploma. Studies show that students that participate in concurrent enrollment are more likely to earn degrees and do so earlier than other students!

KUMEYAAY STUDIES

We offer an Associate Degree in Kumeyaay Studies as well as a Certification of Specialization in Kumeyaay Studies.



For more information, please contact us at: (619) 445-6917 ext. 100

KUMEYAAY LANGUAGE I

NAKY 120 - 0442 **4 Unit Class***

Introduction to Kumeyaay Language. Develop an understanding of basic Kumeyaay vocabulary, and conjugation. Begin to participate in entry-level language immersion.

- Instructor: Dr. Stan Rodriguez
- Mondays: 5:00pm-6:50pm

KCC- in person & zoom w/social distancing & masks

(Additional 2 hrs. online learning)

KUMEYAAY LANGUAGE II/III

NAKY 121- 4868/220-7102 **4 Unit Class***

Study language structure and begin conversing in Kumeyaay. Continue to develop proficiency by creating and participating in language immersion scenarios.

- Instructor: Dr. Stan Rodriguez
- Wednesdays: 5:00pm-6:50pm

KCC- in person & zoom w/social distancing & masks

(Additional 2 hrs. online learning)

ETHNOBOTANY

BIO 134 - 1522 **3 Unit Class***

Study the relationship between people and plants from the perspective of their traditional, medicinal, cultural, and utilitarian uses. Utilize the principals of scientific inquiry to learn how plants were woven into the Kumeyaay culture.

- Instructor: Michelle Garcia with guest speaker Richard Bugbee
- Tuesdays: 12:30pm-1:50pm & Thursdays: 12:30pm - 2:00pm

Cuyamaca- in person & zoom w/social distancing & masks

ETHNOBOTANY/ETHNOECOLOGY LAB

BIO 135 - 1523 **1 Unit Class***

Students will utilize the tools of scientific inquiry to examine the relationship between plants, people and the environment using hands-on experience. The labs will feature lesson in plant morphology, plant ecology, phytochemistry, and traditional preparations and uses of plants.

- Instructor: Michelle Garcia with guest speaker Richard Bugbee
- Thursdays: 2:00pm-3:30pm

Cuyamaca- in person & zoom w/social distancing & masks

(1 hr. & 15min. online learning)

INTRODUCTION TO CULTURAL RESOURCE MANAGEMENT

ANTH 150 -0089 **3 Unit Class***

An introduction to cultural resource management. Students will be exposed to archaeological methods, field practices, laws and regulations and learn how to be an effective cultural monitor to ensure the protection and preservation of Kumeyaay resources.

- Instructor: Rebekah Loveless
- Tuesdays: 3:00pm-8:20pm

KCC- in person w/social distancing and masks

KUMEYAAY ARTS & CULTURE I

HUM 116 - 0127 **3 Unit Class***

Students will study Kumeyaay uses of summer and fall plant resources, and participate in the harvest and construction of Tule boats, e'waa houses, hunting, and fishing tools, various types of baskets, and clothing and jewelry. Field trips to various cultural sites and events are a required component of this class.

- Instructor: Dr. Stan Rodriguez
- Mondays & Wednesdays: 3:00pm-4:15pm

Cuyamaca- in person or zoom w/social distancing & masks

KUMEYAAY HISTORY II

HIST 133 - 0410 **3 Unit Class***

Historical survey of the Kumeyaay Nation from 1900 to the present. Specific segments include: the Mission Indian Federation, the Indian Relocation Act, the Termination Era, PL 280, Indian Activism, Indian Self-Determination, and the Indian Gaming Regulatory Act and modern Tribal Governments.

- Instructor: Stan Rodriguez
- Thursdays: 5:15pm-8:05pm

KCC- in person & zoom w/ social distancing and masks

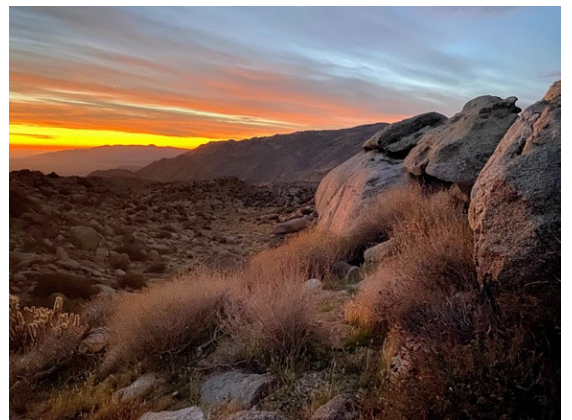
***(These are Credit Only Classes, the fee is \$46.00 per Unit).
Regular Day and Evening Classes Begin January 31st**

CDAS PHOTO GALLERY



Randy Redfern studies a magnificent petroglyph panel in Colorado.

Photo by Lisa Pridmore



Above:
Striated colors light up the sky at Culp Valley

Left:
Wild cloud formations seen at Font's Point during a recent sunset

Photos by Lois Carlson