



THE MOKI MESSENGER

JANUARY 2020

SAN JUAN BASIN
ARCHAEOLOGICAL SOCIETY

www.sibas.org

Happy New Year!

Next Meeting – January 8th

Our next meeting will be on Wednesday, January 8th, at 7:00 p.m. in the lyceum at the Center of Southwest Studies at Fort Lewis College. After a brief business meeting, Connie Massingale will present: “Creating Color in Prehistoric Art of the Southwest: Pigment procurement, processing, and application in the pictographs and artifacts of Utah and beyond.” There will be a pre-meeting social at 6:30.

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Red ochre, also known as hematite, has been revered for well over 200,000 years as evidenced in the archaeological record. Its usage in funerary contexts, self-ornamentation, staining on jewelry and weaponry, medicinally, and as a paint for creating images on stone has played a significant role in the evolution of man. In this presentation, Connie will touch on ancient uses of ochre throughout time and discuss the use of other mineral and organic pigments used in the incredible pictographs and artifacts of the Southwest.



Connie Massingale has a deep, personal relationship with the landscape of the Four Corners and the peoples who have traveled through, and lived, on this landscape. She has been an avid explorer of the Cedar Mesa area for the last 45 years, and in the last five years has completed certification as an Avocational Archaeologist in the PAAC program in Colorado and has taken numerous archaeology classes at Colorado Mesa State in Grand Junction. She also enjoys hands-on archaeology, recording sites with archaeologists in the

Cedar Mesa area, recording rock art sites for URARA, and currently recording an extensive ceramics collection at Edge of the Cedars in Blanding, Utah. She is a volunteer at the BLM office in Moab and the Museum of Moab in collections and is a site steward at numerous sites in Grand and San Juan counties. In the last two years she has discovered an interest in replicating artifacts found in Southwest canyons and, in the process of

researching mortar and pestle use in pigment preparation, has veered off into a fascination with red ochre and our predecessors' deep interactions with it through the history of man.

Volunteer Opportunity

We need one more volunteer to help with the **January 8th pre-meeting social**. Please email Susan Hicks at sc53hicks@gmail.com or phone 970-759-7152 if you would like to help.

President's Letter

Dear SJBAS Members:

We would like to thank all those who helped make 2019 a special year for SJBAS. Without our volunteers, SJBAS would not be able to function.

Thanks to all of you who attended the very successful SJBAS annual meeting and holiday brunch at Fort Lewis College. We shared delicious food, comradery, super slides of 2019 field trips; a preview of tentative 2020 field trips, fruitful discussions about the future of SJBAS, and a super-duper silent auction. Thanks to Vice-President Susan Hicks for organizing the brunch; Vice-President Foxie Mason, for providing all the table decorations; Rhonda Raffo, Jim Mueller, Education Chair Tish Varney and Eliane Viner for helping with the silent auction set-up and check-out; Secretary Paula Lutz for the design, procurement and sale of SJBAS 40th anniversary commemorative T-shirts; Treasurer Randy Graham and Barbara Arnold for checking in attendees; Pete Varney, Barbara Arnold, Paula, Hunter and Lorraine McCleary, Janice, Donn Hicks, Rege and Nancy Leach, and Randy for decorating the tables; and Jill and Bill Tripp, Hunter and Lorraine, Donn, and others for helping with cleanup.

Thanks to Diane Skinner for mailing the Moki to those without computer access. Thanks to Pete and Rege for helping our speakers with program set up. Thanks to former Treasurer, Mark Gebhardt, for helping SJBAS to become an independent organization. Thanks to Tish for organizing our two 2019 PAAC classes and Randy for bringing cookies to the class. Thanks to Susan Hicks for organizing all the food for the pre-meeting socials; to Susan, Tish, Janice, Joan Kellogg, Paula, Eliane, Hunter and Lorraine, Diane, Chris Merlier, Donn and Rusty Chamberlain for bringing pre-meeting goodies. Thanks to Foxie and Susan for organizing the summer picnic and semiannual meeting, and to the following for helping with the picnic: Carolyn Miller, Tish and Pete Varney, Nancy and Rege (griller) Leach, Rusty (griller), Bob Powell (cleanup leader), Randy, Janice, Paula, Publicity Chair Jill and Bill Tripp, Hunter and Lorraine, Betsy Moore and Phil Bruckbauer, Jay Culver (griller) and Christine Johnson.

A huge thank-you goes to Janice Sheftel for her enthusiasm, leadership and accomplishments as President over the last five years and her important ongoing role as Program Chair, successfully finding speakers and organizing the presentations for our monthly meetings and the annual John W. Sanders Lecture.

Another big thank-you goes to our 2019 field trip leaders: Gail and Marlo Schulz, Rusty Chamberlain, Paula Lutz, Randy Graham, Rhonda Raffo and Jim Mueller, Andy Gulliford, Foxie and Dick Mason, and Barb and Lyle Hancock. Our field trip program is an important aspect of SJBAS, and our leaders make it all possible.

KUDOS to retiring SJBAS Vice President, Foxie Mason, for her innovative ideas to improve SJBAS and her hard work to prepare for our annual and semiannual membership meetings.

We want to extend special thanks to Shelby Tisdale, Executive Director of the Center of Southwest Studies, for her cooperation with SJBAS and allowing SJBAS to use the Lyceum for its monthly meetings. We extend additional special thanks to Dawn Mulhern, Chair, FLC Department of Anthropology and Professor Jesse Tune for their cooperation with SJBAS programs.

If we have forgotten anyone in our list of “thank-you’s,” please let us know; any omission is inadvertent and a matter of aging brains.

NEW OFFICERS: Elected: President, Rege Leach; Vice President, Susan Hicks; Treasurer, Randy Graham and Secretary, Paula Lutz. Other 2020 Board members include Education Chair, Tish Varney; Program Chair, Janice Sheftel; Publicity Chair, Jill Tripp; and Webmaster, Field Trip Program Coordinator, and *Moki Messenger* Editor, Lyle Hancock.

SJBAS is looking for volunteers to fill our Membership Chair position, social media coordinator, and to help with the Pecos Conference to be held August 7th – 9th in Mancos.

Sincerely,
Rege Leach, President and Janice Sheftel, Former President

It’s that time of year again, Please Renew Your SJBAS Membership!!

Membership renewals are due by January 31st. Your Membership supports our efforts to bring the archaeology, history and culture of the Four Corners region to each of you and our community through lectures, classes, field trips, and social gatherings. Only SJBAS members may participate in our field trips. Renew today at last year’s prices: Family \$30, Individual \$20, and Student \$10, a sweet deal and an investment in the future of SJBAS! See the SJBAS website at www.sjbas.org for renewal information or just follow this link, [Membership Application 2020](#).

CAS membership? – The SJBAS transition from a chapter of the Colorado Archeological Society (CAS) to an independent Colorado nonprofit corporation is complete. However, you may receive an email from CAS asking you to renew your CAS membership. Please note that you do not have to join CAS to be a member of SJBAS.

2019 Annual Meeting Summary

Fifty members and five guests attended the successful annual meeting and delicious holiday brunch. Rege Leach was unanimously elected SJBAS president, and Paula Lutz, Susan Hicks, and Randy Graham were re-elected for Secretary, Vice-President, and Treasurer, respectively.

Janice thanked the many SJBAS members who volunteered in 2019, including:

Rhonda Raffo and Jim Mueller for many hours on the JWS Lecture and other activities
 Foxie Maxon, for serving as Vice President for four years
 Diane Skinner for mailing the *Moki* for 20 years to members without email
 Volunteers who brought cookies to the monthly meetings
 2019 Field Trip Leaders
 Susan Hicks for organizing the holiday brunch

Susan Hicks made a special presentation to Janice Sheftel for serving as President for five years and her terrific leadership and commitment to SJBAS.

The silent auction netted \$1,274 for the John W. Sanders Internship and Education Fund. About half of this was collected for items donated by longtime member Linda Robinson. Thank you, Linda! SJBAS issued a \$1,000 check from the Fund to Shelby Tisdale, Director of the Center of Southwest Studies, for two 2020 internships.

Survey forms were presented at each table: one for review of the holiday brunch and the other on the future direction of SJBAS. Results of these surveys will be used to direct future activities. Lyle presented a pictorial review of 2019 Field Trips and a brief preview of tentative 2020 Field Trips.

<p>Dates</p>	<p align="center">Tentative Field Trip and Activity Schedule – 2020</p> <p align="center">Updates are in red.</p> <p align="center">Please contact trip leaders by phone or email for more information or to sign up.</p>
<p>January 8</p>	<p>SJBAS Meeting - Connie Massingale will present: “Creating Color in Prehistoric Art of the Southwest: Pigment procurement, processing, and application in the pictographs and artifacts of Utah and beyond.”</p>
<p>February 12</p>	<p>SJBAS Meeting – Kellam Throgmorton will present: “Social Groups at the Basketmaker-Pueblo Transition: Interpretations from the Procession Panel.”</p>
<p>March 11</p>	<p>SJBAS Meeting - John Hoffecker will present: “The early Upper Paleolithic archaeology of the East European Plain.”</p>
<p>March 27 – 29</p>	<p>Bears Ears Exploration – 3-day camping trip – We will camp in a dispersed campsite with pit toilets and hike to a variety of archaeological sites. On Sunday, we will meet for happy hour at Andrew Gulliford and Stephanie Moran’s house in Bluff. 4WD/HC vehicles are required. Participants must be fit and ready to hike all day. Trip participation limit is 10. For more information or to sign up, contact Andy Gulliford at andy@agulliford.com.</p>
<p>April 6 – 10</p>	<p>Grand Gulch Backpack Trip – 5-day backpacking trip. Specific route and distance depend on what permit we can get. Trip will include some off-trail hiking to Ancestral Puebloan sites and be moderately difficult. The trip participation limit is 8. For more information or to sign up, contact Lyle at lylehancock54@gmail.com.</p>
<p>April 8</p>	<p>SJBAS Meeting - Richard Jenkinson will present: “Art of Dinetah.”</p>

April 18	Rock Art near Bluff, Utah – Day trip – This will be a full day of exploring rock art sites, including hiking Butler Wash to the San Juan River, walking to sites near Sand Island Campground, and hiking to the Sand Dune series of panels on the northwest edge of Bluff. We will meet for happy hour at Andrew Gulliford and Stephanie Moran’s house in Bluff. This is a full-day trip, so participants will likely want to camp or stay in a hotel in Bluff the night before. Trip participation limit is 10. For more information or to sign up, contact Andy Gulliford at andy@agulliford.com .
May 8	Downtown Durango Walking Tour - Meet at train depot at 3:00 p.m. Enjoy a 1.5-hour downtown Durango walking tour with historian Andrew Gulliford; walk north on Main Avenue to El Rancho, walk up to East 3 rd Avenue and then south on 3 rd back to depot. Participants will learn about Durango’s commercial and residential districts and colorful local history. Trip participation limit is 18. For more information or to sign up, contact Andy Gulliford at andy@agulliford.com .
May 13	SJBAS Meeting - Marilee White will present: “Reversing Archaeology: Ethiopia’s Ancient Stone-hewn Churches.”
Early June	Keet Seel Backpacking – This will be a four-day trip that includes car camping at Navajo National Monument and an overnight backpacking trip (8.5 miles each way) to Keet Seel, one of the best-preserved Ancestral Puebloan cliff dwellings in the Southwest. A Park Service guide will provide a tour of the cliff dwellings. The backpack is rated by the Park Service as strenuous, plus backpackers may have to carry 6 liters of water per person. For those who want to stay for a fourth day there will be a guided five-mile round trip hike to Betatakin. Trip participation limit is 10. For more information or to sign up, contact trip leader Hunter McCleary at hunter.mccleary@gmail.com .
June 10	SJBAS Annual Picnic – Edgemont Ranch Picnic Grounds
June 23 – 25	Ohkay Owingeh Feast Day – 2 to 3-day motel trip to Santa Fe – Combine colorful feast day ceremonies at Ohkay Owingeh Pueblo with other sites such as El Rancho de las Golondrinas, Bandelier National Monument, etc. – Trip participation limit is 12. For more information or to sign up, contact trip leader Rusty Chamberlain at chambrke@aol.com .
July 8	SJBAS Meeting - Wayne Lorenz will present: “New finds at Pompei.”
TBD	Fort Lewis College Field School – Details will be forthcoming.
August 7 – 9	Attend Pecos Conference near Mancos – Camp at conference site or do day trips from Durango. For more information or to sign up, contact Foxie Mason at fmason@frontier.net .
August 12	SJBAS Meeting - Liseth Louderback will present: “Potatoes of the Southwest.”
Early September	Navajo Nation Fair – Window Rock, AZ – 2-day motel trip during first week of September. Trip participation limit is 12. For more information or to sign up, contact trip leader Rusty Chamberlain at chambrke@aol.com .
September 9	SJBAS social gathering – Details will be forthcoming.

September 19	John W. Sanders Lecture - Trenton Holliday of Tulane University will present: "Meandering Neanderthals – A New Look at our Closest Fossil Relatives."	 
September 21 – 24	Chaco Culture National Historical Park 5th Annual Astronomy Festival – 3-day camping trip – Park Service programs may include astronomy, star gazing through powerful telescopes and talking with astronomers, site tours, campfire programs, and a sunrise program to observe the autumnal equinox. We will do one or two hikes to backcountry sites (4-5 miles each). Reservations for campsites must be made by each SJBAS participant. For more information or to sign up, contact Paula Lutz at paula@durango.net .	
October 5 – 7	Cedar Mesa Backcountry Sites – 3-day camping trip. We will camp for two nights in a dispersed campsite and hike to a variety of Ancestral Puebloan sites. 4WD/HC vehicles are required, and participants must be fit and ready to hike all day. Trip participation limit is 12. For more information or to sign up, contact Lyle Hancock at lylehancock54@gmail.com .	
October 2, 3, 9 or 10 ??	Dinetah Pueblitos and rock art in Largo Canyon, New Mexico – This will be a day trip to visit three Navajo Pueblitos and several rock art panels. We will drive down through Aztec and return through Ignacio. The longest walk is ¾ mile over relatively flat terrain. 4WD/HC vehicles are required; however, if heavy rains occur during the preceding week, we may postpone the trip because of slippery roads. The trip participation limit is 16; we will arrange carpools. For more information or to sign up, contact trip leader Bob Powell at robertpowell@durango.net or 970-385-8949.	
October 9 – 11	Navajo Culture – Crown Point Rug Auction, Hubbell Trading Post, maybe Canyon de Chelly – 2 to 3-day motel trip. For more information or to sign up, contact Randy Graham at rq44@bresnan.net .	
October 14	SJBAS Meeting - Fred Blackburn will present: "Methodology and Documentation of Historic Names at Aztec Ruins."	
October 1 – 15 ???? TBD	Paquime / Casas Grandes, Chihuahua, Mexico – 4-day motel trip – This tour of Paquime and nearby archaeological sites leaves by van from Deming, NM. The tour leader is retired archaeologist Paul Minnis who has conducted excavations in the Casas Grandes area and published widely. We will also visit Cave of the Olla, Cuarenta Casas, the Paquime Museum, and various nearby cliff dwellings and some rock art. There will be optional side-trips to nearby historic Hacienda San Diego and an 1880's Mormon settlement. The town of Mata Ortiz is also known for its revivalist pottery industry inspired by Paquime. The cost is approximately \$1,000/person double occupancy and includes lodging, most meals, and travel by van. The first and last nights in Deming are not covered. Dr. Minnis is not charging for his time but would appreciate it if each participant made a contribution to the archaeology institution of their choice. Trip participation limit is 12. For more information or to sign up, contact trip leader Hunter McCleary at hunter.mccleary@gmail.com .	
November 11	SJBAS Meeting - Rand Greubel, Alpine Archaeological Consultants, will present: "Archaeological Investigations: CDOT's Highway 550-160 Connection Project on Florida Mesa."	
December 12	SJBAS Annual Meeting and Holiday Brunch – Vallecito Room at Fort Lewis College	

	Other Related Trips and Activities
June 11 – 16	San Juan River by Holiday Expeditions – Sand Island to Clay Hills - Andy Gulliford goes along as historian.
August 11 – 14	Green River rafting by Holiday Expeditions - Gates of Lodore - Andy Gulliford goes along as historian.
Not scheduled	Ute Mountain Ute Tribal Park by Holiday Expeditions - Weber Canyon horseback to Sandal House - day trip - Andy Gulliford goes along as historian.
October 17	International Archaeology Day

Regional Archaeology News

Congressional Spending Bill Includes Protection for Greater Chaco

The U.S. Senate has approved a \$1.4 trillion spending package for the 2020 fiscal year. The White House has said that the president will sign the legislation. Importantly, the legislation includes interim protections for the landscape adjacent to Chaco Culture National Historical Park. Paul F. Reed, Chaco Scholar and Preservation Archaeologist at Archaeology Southwest, issued the following statement: “We at Archaeology Southwest are elated that Congress took action today to protect Chaco Culture National Historical Park from oil and gas drilling. The appropriations bill ensures that there will be no more leasing on federal lands within ten miles of the park, pending needed studies and consultation with tribal communities. The ten-mile zone around the park is particularly important, as it includes more than a dozen Chacoan great house communities, ancient roads, and thousands of other significant cultural resources. Thank you, Senator Udall, Congressman Lujàn, and the entire New Mexico congressional delegation for securing these important protections.” – Archaeology Southwest ([Read article](#))

Crow Canyon Archaeological Center announces 2020-21 Lister Fellow

Katie Richards, a doctoral candidate from Washington State University, has been selected as the next Lister Fellow by the Crow Canyon Archaeological Center. Richards’ research centers on the social and political organization of the Fremont people and the relationship between the Fremont and Pueblo cultures. Fellows are selected in alternate years and awarded \$10,000 to help support the final stages of their research and the writing of their dissertations. – Durango Herald ([Read article](#))

“Tortuous and Fantastic: Cultural and Natural Wonders of Cedar Mesa” Now available as PDF download

Archaeology Southwest Magazine Vol. 28, Nos. 3 and 4, “Tortuous and Fantastic: Cultural and Natural Wonders of Greater Cedar Mesa,” edited by William D. Lipe, is now available as a free PDF download. <https://www.archaeologysouthwest.org/free-resources/aswm-archive/> – Archaeology Southwest

Commentary: Why Protect a 10-Mile Zone around Chaco Culture National Historical Park?

Recently, there has been some debate about the value of protecting a 10-mile zone around Chaco Culture National Historical Park (henceforth Chaco or Chaco Park) and two of its outlying communities. Some have suggested that a smaller zone of protection, perhaps 5 miles in radius, would provide sufficient protection for the ancient Chacoan-Puebloan communities that lie outside the Park's boundary. This idea is mistaken. – Paul F. Reed at Preservation Archaeology blog (Archaeology Southwest) ([Read article](#))

Commentary: Two Former BLM Directors Decry “Stealth Erosion” of Public Lands System

We are former directors of the BLM, from Republican and Democratic administrations, and we are united in our concern about the future of our public lands — specifically, a below-the-radar effort by political appointees in the Department of the Interior to functionally dismantle the organization. These officials have launched a reorganization plan to relocate BLM's headquarters from Washington to several Western states, where most of the lands administered by the bureau are. – Politico ([Read article](#))

Commentary: Organ Pipe National Monument Left Vulnerable

The United States House of Representatives today passed a set of two spending packages, H.R. 1865 and H.R. 1158, to avert a federal government shutdown at midnight on Friday. The bipartisan agreement includes many positive measures and funding increases for the agencies that protect our national parks and public lands. Unfortunately, the agreement leaves Organ Pipe Cactus National Monument — one of our most unique national parks — and all it protects vulnerable to the administration's reckless and unnecessary border wall. — National Parks Conservation Association ([Read article](#))

Publication Announcement: “Pecos Pueblo, a Place of Persistence”

Archaeology Southwest is pleased to announce the publication of Archaeology Southwest Magazine Vol. 33, No. 3, “Pecos Pueblo, a Place of Persistence,” edited by Jeremy M. Moss.
<https://www.archaeologysouthwest.org/product/asw33-3/> – Archaeology Southwest

International Archaeology News

How archaeology is unraveling the secrets of WWI trench warfare

Lasers and aerial photography are helping uncover the hidden stories of the Great War. World War I was the planet's first global industrialized conflict, and the use of new technologies like planes, armored tanks, machine guns, grenades, and poison gas resulted in unprecedented devastation. Between 1914 and 1918, more than eight million military personnel died, and more than six million civilians were killed. But the statistics that really astonish archaeologist [Birger Stichelbaut](#) are the ones that show how deeply the landscape was transformed in parts of Europe: A 37-mile stretch along one 420-mile front line in Belgium, for instance, was shot through with more than *3,000 miles* of trenches. Stichelbaut, of Ghent University in Belgium, is among a small group of archaeologists investigating those physical marks that remain from the Great War more than a century later. While the conflict was documented in thousands of first-hand written accounts, photographs, and film reels—and subject to countless post-war assessments—archaeology still adds

another dimension to our understanding of one the most violent conflicts in modern history. - National Geographic ([Read article](#))

The History of Funeral Rites and Rituals of the Ancient World

Death has always filled humans with a sense of awe. Much of what we know about history comes from examining the remains of the dead and how they were disposed of. Over the course of history, death was interpreted in many ways by different cultures: as a horror to be avoided, a fulfillment of a lifelong goal, and even a last great adventure in this world before departing for ethereal realms. Death has always held great symbolic meaning for humanity, and the ability to think in symbols is the precursor of many other important human traits, such as the ability to think in the abstract, make plans, and solve problems. – Funeral History - by Anthony Martin ([Read article](#))

Scientists Examine Iceman's Neolithic Hunting Kit

ROME, ITALY—The [South Tyrol Museum of Archaeology](#) announced that researchers from the Swiss National Science Foundation have examined the bow and quiver found with Ötzi the Iceman, the 5,300-year-old frozen remains of a man discovered by hikers on a glacier near the border of Austria and Italy in 1991. Their analysis of a fiber sample from a 6.5-foot cord found in the quiver has determined that it was made of twisted strands of animal leg sinews that would have fit the bow's notches perfectly for use as a bowstring. The quiver, which held 14 arrows, also contained a bundle of animal leg sinews, which might have been intended as replacement material to fashion another bowstring. Additionally, the scientists concluded that hatchet marks on Ötzi's yew bow indicate it had been freshly cut, perhaps to shorten or thin it out for use. For more on the Iceman's clothing and tool kit, go to "[Ötzi's Sartorial Splendor](#)."

SJBAS Elected Officers and Other Board Members - 2020

President	Rege Leach	rleach@frontier.net
Vice President	Susan Hicks	sc53hicks@gmail.com
Secretary	Paula Lutz	paula@durango.net
Treasurer	Randy Graham	rg44@bresnan.net

Membership chair	(Open)	
Field Trip Program coordinator	Lyle Hancock	lylehancock54@gmail.com
Education/PAAC representative	Tish Varney	tishvarney@att.net
<i>Moki Messenger</i> editor	Lyle Hancock	lylehancock54@gmail.com
Programming chair	Janice Sheftel	janicesheftel@gmail.com
Publicity chair	Jill Tripp	jtripp51@yahoo.com
Webmaster and email coordinator	Lyle Hancock	lylehancock54@gmail.com

San Juan Basin Archaeological Society – Membership Renewal

Membership renewals are due by January 31st each year. Please complete the [SJBAS Annual Membership Form](#), make your check payable to 'SJBAS' and mail with the Annual Membership Form to: **SJBAS, Attn: Randy Graham, P.O. Box 3153, Durango, CO 81302.**