

No way around it: 2020.

I missed my daughter and my grandkids. I missed my colleagues and my friends. I held onto a lot, I learned a lot, and I floundered a lot. I expect many of you did, too.

Terrible things happened in 2020 and are happening now. But look at how many of us see differently now, know differently now, and are coming together in community to create change even now. Look at how many of us are stronger. More determined. Maybe even nimbler than before—mentally, if not physically, after being cooped up for a year!

We at Archaeology Southwest have been incredibly privileged and grateful to have one another, and to have you. In community. Every week. Every day.

You pivoted. You supported. You were (are) patient. You liked our social media posts and read our blogs and watched Allen's captivating flintknapping videos and logged into our Archaeology Cafés and donated at year's end and celebrated each achievement and milestone we review here. In that sense, this report is a commencement party for us all.

We are truly proud that, as we reflect on the next steps we laid out in last year's annual report, we can put check marks to almost all of them. That's due to your shared commitment to our mission, your unceasing support, the depth and strength of **our partnerships, and our determination.** The pandemic may have affected *how* we did our work at Archaeology Southwest, but not the *substance* and *meaning* of our work.

In this report, we do not make a point of checking those boxes—you don't need us to. You know. Instead, we celebrate what we, with you and our other partners and collaborators, got done. We report some fun numbers that I hope make you smile, too.

Gratitude does not even begin to encompass how we feel about you, Friends. But thank you, nonetheless.

Sincerely,





IN MEMORY OF

J. Richard Ambler Bruce Anderson Gary R. Ashlock Dorothy & Hans Bart Michael H. Bartlett J.O. & Evelyn Brew John Jacob Bover Pat Culbert Douglas Craig Valerie Davison Lou Estes Charles W. Fertig

Bernard L. Fontana Alfred E. Garratt Geetha, Ravi, Anna Walter Gosart David A. Gregory Alden Hayes William T. Lawrence Penny Mason Ann A. Morris Michael Morrow James K. Ord Jack Thompson, M.D.

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For donating professional expertise and resources, our special thanks to:

Mark Altaha Kurt Anschuetz Arizona Site Steward Program Jonathan T. Bailey Tessa Branyan R. E. Burrillo Lorey Cachora Kurt Dongoske Christopher Dore Samuel Favuant John Fryar Sean Hammond Michelle Hegmon Carrie Heitman Gary Huckleberry

Patrick Lyons

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It almost goes without saying that in mid-March of 2020, our Outreach team had to pivot, and quickly. We immediately jumped on Google chat and Zoom to brainstorm new ways to interact with you, our community of learners and supporters.

One of the easiest and trickiest programs to make virtual was **Archaeology Café**, which was made possible, in part, by Arizona Humanities and the Smith Living Trust for the 2020–2021 season. Easy, because it made perfect sense and was easily adaptable to Zoom. Tricky, because there were a lot of details to master in a short amount of time. It turned out so well that we are going to continue the program online for the 2021–2022 season, which will be all about avian archaeology—birds!

Over the course of 2020, our YouTube channel gained more than 96,000 views, and 6,570 of those were due to Allen Denoyer's seven-part video series, "How Did People Make and Use Stone Tools?" Allen shifted from the three Hands-On Archaeology classes he taught before quarantine to filming this version of his flintknapping curriculum. He also produced an incredible array of tools and images for our Instagram. And by the time fall came around, Allen was able to share some programming at Steam Pump Ranch in Oro Valley and Mission Garden in Tucson.

The cancelation of the Preservation Archaeology Field School led us to think about other ways people could come along with what the students usually learn. Our

thanks go to the field school staff and guest "lecturers" who contributed to our **(Un)Field School blog series.** This also led Kathleen Bader to compile **Southwestern Archaeology 101**, a prolific online guide to our educational content organized by topic. The guide reminded us just how much we have to offer.

Which brings us to *Archaeology Southwest Magazine*: Yes, we are running behind because of several COVID-related challenges, and we apologize for that. We are doing our best to catch up, and you will receive all the issues you subscribed for. We hope you enjoyed "The Casa Grande Community," "'Ihor Kwsnavk: Connecting and Collaborating in the Great Bend," and "Respect the Land You Stand Upon: Ending Archaeological Resource Crime in the Southwest."

Thank you for all the goodwill you have expressed about our Outreach programs over this past year. It has meant the world to us.



Linda J. Pierce Deputy Director

Kate Fitzpatrick
Outreach and Volunteer

Allen Denoyer
Preservation Archaeologist

Kathleen Bader Marketing and Design

Kate Sarther

- » YouTube: youtube.com/user/ArchaeologySouthwest
- » Instagram: instagram.com/archaeologysouthwest/

[»] Southwestern Archaeology 101: archaeologysouthwest.org/sw-arch-intro



200

sites assessed on the ground during reconnaissance of a portion of the 10-mile protection zone around Chaco Culture National Historical Park

adjacent to Chaco Culture National Historical Park.

The protection zone clearly requires greater protection than federal policy and regulations currently provide. Ultimately, Archaeology Southwest will formally propose that the Bureau of Land Management should create additional zones of

Land Management should create additional zones of protection around cultural-historic communities and site clusters across Greater Chaco.

Paul F. Reed Preservation Archaeologist Chaco Scholar

The zone comprises approximately **700,000 acres**

so the actual site count is undoubtedly much higher

the present

It contains about 4,200 known archaeological and historic sites that speak to

episodic use of the area by diverse cultural groups from about 10,000 BCE to

Less than 20 percent of the area enclosed by the zone has been surveyed,



15

Archaeology Southwest staff publications written or released in 2020



35
eservation Archaeolog

Like most people, my 2020 didn't look much like what I had expected! Our **Preservation Archaeology Field School** went on hiatus for the year due to COVID-19, so I got to experience my first summer in Tucson. We tried to fill some of the void with our summer "(Un)Field School" blog series (page 5). In addition to learning to recognize more backyard birds as I gazed out the window at home, I took this unexpected extra "desk time" to catch up on publishing research.

Stephen MacDonald—a friend and colleague in our field school's traditional home—and I published *Faunal Remains from Archaeology Sites in Southwestern New Mexico*, a monograph summarizing animal remains from all 105 known substantial archaeological collections from the Mimbres and upper Gila watersheds in New Mexico. This is an important reference for **biologists making decisions about how to manage animal species today**, and for archaeologists who need to know whether an animal whose remains they have identified is an unusual occurrence or not.

Deb Huntley, Jeff Clark, and many others released our final report on Archaeology Southwest's field school excavations at the **3-Up site**. This report shows

how our field school research helps us understand migration and how people from several different backgrounds found ways to negotiate their differences and live together centuries ago.

Five other articles and book chapters I worked on in 2020 will be coming out over the next two years, on topics such as **archaeology and climate change**, **sustainable hunting practices** in ancient times, and how animal remains help us identify previously unseen **religious and community practices** in the past.

Jeff Clark and I developed an approved plan for safely conducting the Preservation Archaeology Field School this summer, and I cannot wait to get back out there. Still, 2020 turned out to be a very productive hiatus.

Karen Gust Schollmeyer
Preservation Archaeologist

Preservation Archaeologist Director, Preservation Archaeology Field School



Bill remedied his annoyance at being cooped up by joining **Samuel Fayuant** (Tohono O'odham Nation) on a sporadic reconnaissance of archaeological sites on the Nation reported to have **Sells Red pottery**. Bill and Samuel have been able to ground-truth a hypothesized pattern about what communities were using—and continued to use—this special pottery. They shared some of their ideas in an Archaeology Café on May 4, 2021.

And last but never least, in collaboration with the Conservation Lands Foundation, Friends Grassroots Network, Friends of Cedar Mesa, and other partners, Bill continued to advance our efforts to help protect and expand the National Conservation Lands. (He estimates that this amounted to 400 Zoom-hours.) We are hopeful that Bears Ears and Grand Staircase-Escalante national monuments will soon be fully restored.

Jeffery Clark
Preservation Archaeologist

miles of Komatke Trail surveyed

Christopher R. Corolline

Chris Caseldine

Preservation Archaeology Postdoc

Bill Doelle President & CEO

» Read Aaron's blog post about the Komatke Trail project: archaeologysouthwest.org/in-their-footsteps/

enduring Komatke Trail and worked with Jeff Clark on an assessment of back-

segments of the Komatke Trail that pass through the Maricopa Mountains,

mountains, where the footpaths peter out. The Archaeology Southwest crew picked

up where he left off, and found and followed the trail by virtue of the artifacts on the

Jeff and Chris collaborated on a research design for evaluating more than 90 sites

assessed the effectiveness of TNM's monitoring program and provided

suggestions for the future. Chris also provided an updated site-monitoring

(excluding the main cliff dwellings) within or near TNM's boundaries. We

in the Sonoran Desert National Monument, and into the Rainbow Valley.

Archaeologist Andy Darling had mapped this important trail to the edge of the

ground surface in places where the footpaths are not evident.

country archaeological sites on the Tonto National Monument (TNM).

Chris, Bill Doelle, Aaron Wright, and volunteer crews located and mapped

» Watch Chris's Archaeology Café: youtu.be/alAbbzpvn7g

form and a post-fire monitoring form.

» Watch Bill and Samuel's Archaeology Café: youtu.be/-IZReWIL1RA

Above: Surveying the Komatke Trail.



existing research products using cyberSW, including articles, chapters, presentations, and

and in review)

We officially launched cyberSW on June 9, 2020. Funded by the National Science Foundation (NSF SBE-1738062), the knowledge platform is a collaboration by Archaeology Southwest, the University of Arizona, Arizona State University, and the University of Colorado Boulder.

cyberSW is not only the largest research database for archaeology of the American Southwest and Mexican Northwest, but also one of the largest—in terms of volume and variety of data—in the world. Together, the website and underlying graph database provide a powerful toolkit for ground-breaking research that does not require breaking actual ground.

- » After a simple registration process, cyberSW is open to anyone with an Internet connection
- More than 230 registered users—including professionals, students, and interested avocationalists—are active on the platform

- cyberSW averages 3,000 visits per month
- » New tools enable complete social network analyses and demographic reconstructions
- » Volunteer citizen scientists Katherine Cerino, Jaye Smith, and others have been working from home to infuse the repository with data on pottery and public architecture
- » Jaye Smith and Jeff Clark also led a virtual volunteer project that cleaned up cyberSW pottery typologies and made the web platform more user-friendly

What are you waiting for? Come to cybersw.org and check it out!



Joshua Watts cvberSW Manager

Andre Takagi Senior Systems Analyst,



archaeological sites recorded



35,000

petroglyphs inventoried & analyzed



10,000

ceramics inventoried & analvzed



Charles Arrow

Preservation Archaeology



Preservation Archaeology Data Assistant

Trail project (page 10).

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page 9.





As Director of our Landscape and Site Preservation Program (LSPP), I kept sane in 2020 by getting outside and inspecting all of Archaeology Southwest's preserves across Arizona and New Mexico. I am happy to report that the properties and easements are in good order, with just a few exceptions. We also acquired 20 acres to complement a significant and sensitive preserve in Yuma County.

When stuck indoors, I compiled a draft of the first-ever LSPP Plan. **The plan outlines how we will transition from opportunistic acquisition to strategic integration of our preserves with our broader mission.** I shared our thinking at the January 4, 2021, Archaeology Café.

Zoom and email enabled me to continue to participate in cultural resource protection planning for the **San Pedro Riparian National Conservation Area**. Archaeology Southwest has a longstanding commitment to community-based conservation and preservation in this region of southeastern Arizona. And I had the fierce pleasure of clicking "send" to file **our formal comments opposing harmful changes to the implementation of the National Environmental Policy Act**.

In other advocacy close to my heart, I supported the **San Carlos Apache Tribe, Apache Stronghold**, and the **Arizona Mining Reform Coalition** by holding the U.S. Forest Service to high standards for the identification, assessment, and preservation of cultural resources affected by the proposed Resolution Copper Mine. Some of you may know this situation by the English-language place name "Oak Flat." Its Apache name is **Chí'chil Biłdagoteel**.

Finally, I'd like to introduce you to Skylar Begay, Archaeology Southwest's first Tribal Outreach Fellow. We hired Skylar in late fall of 2020, with support from the Wyss Foundation through a fellowship program dedicated to creating future conservation leaders. From what I have seen of his work thus far, that outcome is assured

John R. Welch Director, Landscape and S

Skylar Begay
Tribal Outreach Fellow

[»] Watch John's Archaeology Café: youtu.be/0Vsm13QrMM0

[»] Learn more about the Great Bend of the Gila campaign Skylar is helping to lead: archaeologysouthwest.org/projects/gila-bend/



ARPA Training and Outreach events to date

Partnership with the Bureau of Indian Affairs

Our role at Archaeology Southwest is a little different, but just as rewarding. Through a Cooperative Ecosystem Studies Unit (CESU) agreement between Archaeology Southwest and the Bureau of Indian Affairs (BIA), we work with federal and Tribal agencies to prevent and respond to violations of the Archaeological Resources Protection Act (ARPA).

In 2020, as part of a larger team, we continued to analyze specimens from background and crime-scene contexts in pursuit of "proof of concept" for the application of forensic sedimentology to ARPA violations. We were pleased to finalize the first edition of A Guide to Field Investigation and Documentation of Archaeological Resources Protection Act (ARPA) Violations.

Along those same lines, we had to pivot from planned in-person training workshops to webinars and virtual conferences. Our working group presented "2020 Perspectives and Tools for Addressing Archaeological Resource Crime: Prevention, Detection, Investigation, Remediation," a webinar for the Arizona Site Stewards. The goal was to introduce the Site Stewards to the BIA—Archaeology Southwest ARPA Initiative and our approach to ARPA investigations. It is critical that we train more people to be able to undertake ARPA field damage assessments.

But responding to potential crime scenes isn't all we do. We are also building a movement to end archaeological resource crime (ARC) by prioritizing Indigenous perspectives on ancestral sites and sharing those perspectives in a variety of ways.

Throughout 2020, we worked with a Native Americanowned digital marketing firm to create and produce our Save History campaign. **SaveHistory.org went live in January of 2021**. This is a living website that features Tribal voices and provides a tool for reporting ARC. Please visit, and be sure to follow our Facebook page.

Over the fall and winter, Stacy brought together an incredible group of Native and non-Native contributors who wrote or spoke about ARC with solemnity and sincerity. The result is "Respect

the Land You Stand Upon,"

Archaeology Southwest Magazine Vol. 34, Nos. 2 & 3, published in May of 2021.





Stacy Ryan
Preservation Archaeologic

Shannon Cowell
Preservation Archaeologist

IMAGE © JONATHAN T. BAILEY

» Fort Apache Dirtscapes: Sampling White Mountain Apache Tribe Lands to Enable Forensic Sedimentology and Prosecute Archaeological Resource Crimes, by John R. Welch, Fred Nials, and Duston J. Whiting. In the SAA Archaeological Record 21:3, May 2021: bit.ly/3vvlyCH » Watch the presentation to the Arizona Site Stewards: youtu.be/HsDHKhVHV9g

» Follow the Save History movement: facebook.com/save.history.2021

1 Gratitude From all of us at Archaeology Southwest, thank you.



First Zoom staff meeting, April 6, 2020. Not pictured: Jason Andrews, Leslie Aragon, Charles Arrow, Christopher Caseldine, Stephanie Egurrola, Kamillia Hoban, Keenan Montoya, Keahna Owl, Laura Packard, Nicholas Poister, Andre Takagi, and Zion White.

2020 Operating Expenses

Fundraising (6%)

Management (11%)

Contracts and cooperative agreements (34%) Individuals (17%) Investment income (13%) Government grants (20%) Investment income (13%) Research (15%)

2020 Operating Revenue

Net Assets

Total	\$10,376,932
Permanently restricted	\$5,290,633
Temporarily restricted	\$2,000,134
Unrestricted	\$3,086,165

Unaudited. Complete audited financials are available on request.

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