The April presentation will be by Garry and Ming Adams and will be about appreciating rock art from around the world. They will share images of local Southwestern sites as well as Mayan, and Cambodian rock art. Garry Adams is a native of Golden Colorado and has been involved with photography most of his career. Fascinated by rock art all his life, he developed a passion for photographing it in Arizona, and has just published a book, "Spirit of the Stone," with beautiful images of southwestern sites. Ming is a native of Taiwan, and has discovered her own love of the Four Corners area since moving from California to McElmo Canyon in 2007. The couple owns the Canyon of the Ancients Ranch in McElmo Canyon, a working ranch and guest house, and are also sponsoring an archaeological dig on the property.
Para Archaeology Comes to Chipeta!

by Teri Hauser

Last month in the newsletter I mentioned that I had been working with Glade Hadden, archaeologist in the local BLM office, to reestablish the BLM Para Archaeologist program with our Chipeta CAS members. As I mentioned, I will be offering an informal workshop on 28 April to introduce our members to the variety of artifacts they may see on a survey. Matt Landt of Alpine Archaeology, in agreement with Glade, will be leading our first survey on 5 May. The survey will record a hearth and any related artifacts found on the rim road where it drops in to Dry Creek just west of Montrose. Announcements will be sent out later for both the workshop and the survey. My hope is that we can provide volunteers to help with the survey who either have taken some of the PAAC classes or who attend the 28 April workshop. It is not necessary to have either training, but the more folks we can provide who are trained, the more effective and efficient we can be on these kinds of projects. More soon!

Kudos for our Volunteers on the Cerise Park Excavation!!

by Teri Hauser

Last month, Chipeta received a request from Jon Horn of Alpine Archaeology to assist on a short notice recovery excavation. With only a few days to respond, our members stepped up and answered the call! I wish to express my thanks to the following members who did their part to help our community and Colorado Archaeology, and I am sure had fun doing it!

Russ Barr, Arleen Friedman, Bill Manske, Linda Manske, Deb Reimann, Becky Reimann, Jere Reimann, Duane Thaxton, and Dave Upchurch, along with the Alpine Archaeology crew of Matt Landt, Charlie Reed, Tosh McKetta, and of course Jon Horn.
President’s Corner
by Teri Hauser

Unfortunately, this is a time of farewells. The Chipeta chapter recently lost a dear friend. Ed Horton was a long time member of our chapter and was much beloved by many of our members. He will be missed. A more celebratory farewell is for our friend and colleague in our local BLM office, Glade Hadden, who is retiring from the local BLM service this month. Glade has been an enthusiastic supporter of Chipeta, encouraging our stewardship program and participation by our members in archaeological projects in partnership with the BLM. Glade plans to be around after retirement and I look forward to working with him on future Chipeta/CAS projects. Congratulations Glade!

Sincerely,

Teri

In Memoriam

Long-standing Chipeta Chapter member and field trip leader William "Ed" Horton passed away in March from complications of Parkinson's disease. He was one of the founders of the "Squint Patrol" field trips in 2002-2003 led by Squint Moore, which recorded and photographed sites in all directions from Montrose. He was an avid pursuer of rock art sites, visiting them across the Four Corners states, and he never forgot what he had seen or how to get to the sites. A musician at heart who had played the French horn in orchestras and sung in classical choirs, he had also been a truck driver, log cutter, and home health aide. Ed was always pleased to see people react to the rock images and share their opinions, and always tried to learn something new with each visit. Although he had to curtail his hikes in the last few years, he still led field trips while waiting at the trailhead until the group returned. We will miss him.

–Leigh Ann Hunt

Photo courtesy of Carol Patterson
From the Editor

Dr. Chris Fisher will be speaking this month at CMU, courtesy of the Grand Junction Chapter of CAS. Many of you probably have read the book, *Lost City of the Monkey God*, by Douglas Preston, and many more of you probably know of it. Dr. Fisher was the lead archaeologist, well-versed in the archaeological uses of LiDAR, who figured prominently in that story. LiDAR (light detection and ranging) is a highly technical laser process that requires fixed wing aircraft with very expensive equipment on board. Like the drone-captured photography that Alpine used to study the Escalante Game Drive, LiDAR is used to make high-resolution relief maps. The spectacular advantage that LiDAR has over photos, however, is that it can see through trees. In Central America and the Yucatan, this is a huge improvement over any other survey technique.

The book has been criticized for claiming as new, a process (LiDAR) that has already been used for many years in the Maya heartland. Some have also questioned the scientific merit of participating in a very high-profile project such as this. Scientists sometimes have a knee-jerk reaction to anything that smacks of sensationalism. I think that does Dr. Fisher and the whole crew a disservice. Whatever the hype, the fact remains that a large number of new structures have been identified by LiDAR from the air in a poorly-known portion of Honduras, and tested on the ground. They accomplished a great deal.

I would never have gone on a project like that, but not because of scientific scruples. I just can’t imagine risking a debilitating life-long illness such as was described in the book. It makes for great reading, though. When I was a pre-teen, my interest in archaeology was first piqued by the book *Lost Cities and Vanished Civilizations*, in which each chapter told of a different fabulous exploration in exotic places like Cambodia and Central America. Those adventurers purportedly battled all kinds of dangers to find such places as Angkor, Copan, and Palenque. That book was the next best thing to a year’s worth of Tarzan comics.

This latest crew of adventurers also braved considerable hardship in the form of heat, rain, poisonous snakes, and biting flies that carry some potentially incurable disease. They found some remarkable concentrations of structures in the rain forest and they’re rather proud of their accomplishment, as I would be. Was it a lost civilization of incredible wealth that no one could possibly have imagined finding there? Of course not. But it promises to add considerably to our knowledge of Central American prehistory, and the diversity of related but not identical approaches to building complex societies in the Central American lowlands. Dr. Fisher’s presentation, entitled “The Application of LiDAR Scanning for the Documentation of Ancient Cities and Regions” is the evening of Saturday, April 7, from 6:30 to 8:30 pm in the public meeting space at the Tomlinson Library on the CMU campus at 1100 North Avenue in Grand Junction. The talk’s organizers urge you to give yourself plenty of time to find the library on campus.

--Dave Batten

The Squint and Juanita Moore Scholarship

Created in honor of Chipeta Chapter founding member Carlyle “Squint” Moore and his wife, the scholarship is awarded each year to a deserving high school senior or college student intending to enroll or already enrolled in an Anthropology or Archaeology program. Students can apply online at collegeXpress—and note that the deadline is April 1.

Although the April 1 application deadline is now past, there is no deadline for donations. If you wish to donate, please send your tax deductible donations to the Montrose Community Foundation, PO Box 3020, Montrose, CO 81402.
March Speaker Report

by Leigh Ann Hunt

Vicki Felmlee, from Grand Junction, provided an entertaining and informative talk on the use of photography drones at our March meeting. As owner of TCS Marketing Group, and TCS Aerial Visuals, and a member of the Academy of Model Aeronautics, she has found applications for aerial photography, and as the Colorado Director of the Old Spanish Trail Association, she has a long-standing passion for sharing history and places with the interested public. Several years ago she taught herself to use drones or " multirotors" for photography. She discussed the licensing requirements for drone use. For personal use there are no requirements, but for commercial use, she took an extensive test similar to what is required of airplane pilots. Sophisticated drones have a control panel that gives the operator a view of what the drone is seeing, along with weather observations, locational information, battery status and so forth. She showed several videos taken by drones that can be found on the internet.

Drones such as hers could fly for up to half an hour on one charge of battery. Drones can fly about 400 feet high, and a little more than a quarter-mile away from the pilot. They may not be used where there are people, or indoors. They can be used to go into hazardous situations, however, such as a burned-down house or a mine shaft, to look around before people enter. They can also be used for looking at neighborhoods, landscapes, or many other applications, including topographic mapping. They are used extensively in European archaeology for mapping large complexes. A local example of drone use for archaeology was reported in the January program of the Chipeta Chapter, which shared the results of mapping the Escalante Game Drive wall complex using drone photography.

Vicki commented that people interested in getting a drone might consider starting with a hobby version, for maybe $500, because it can take some practice to fly them without crashing and breaking something. More elaborate drones can run into thousands of dollars.
Membership Application

Date: ________________
Name: ____________________________
Street or RR Address: ________________________________
City: ____________________________ State: ________ Zip: ____________
Telephone: ____________________________
Email: ____________________________

(email required to receive Chipeta & CAS newsletters & field trip info)

Check One:

_____ New
_____ Renewal

Check One: Annual Dues (includes state CAS dues)

_____ Family with Southwest Lore* ................. $40
(Family = 2 or more members, same household)
_____ Individual with Southwest Lore* ................. $35
_____ Student with Southwest Lore* ................. $25
_____ Senior/Disabled** no Southwest Lore .... $25

*Southwest Lore is the journal of the Colorado Archaeological Society and is mailed quarterly.

** Senior is any person who is at least 65 years of age; Disabled is any person who is permanently disabled.

Code of Ethics

As a member of the Colorado Archaeological Society, I pledge to:
• Uphold local, state, and federal antiquities laws.
• Respect the property rights of landowners.
• Report vandalism to appropriate authorities.
• Support only scientifically and legally conducted archaeological activities.
• Conduct field and/or laboratory activities using professionally accepted standards.
• Not condone the sale, exchange, or purchase of artifacts obtained from illegal activities.
• Be sensitive to the cultural histories and spiritual practices of groups that are the subject of archaeological investigation.
• Accept the responsibility, if serving as principal investigator, to publish the results and make the collection available for further study.

Signature: ____________________________ Other Family Signature: ____________________________

Make checks payable to "Chipeta Chapter CAS" and mail the signed application to:

Dennis DeVore
353 Dakota Circle
Grand Junction, CO 81507
CHIPETA CHAPTER BOARD MEMBERS
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CHIPETA CHAPTER WEBSITE
- www.chipetachaptercas.org

Program for Avocational Archaeological Certification (PAAC)
Go [here](#) to find out the PAAC schedule for the next couple of months.

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Chipeta May Speaker
Don Irwin, US Forest Service Archaeologist in
Monticello, Utah, will talk about archaeological research and management issues in the
Monticello ranger district, which includes much of the current "Shash Jaa" national monument.

Field Trip Committee
George Decker - gdeckercc@gmail.com
Bill Harris - trlgpa48@gmail.com

For more information on upcoming field trips and to sign up, please contact the Field Trip Leader.