



Loveland Archaeological Society, Inc.

A Colorado Non-Profit Corporation

February 4th, 2014 Meeting:

Once again adverse weather conditions forced the cancellation of what should have been the February 4, 2014, meeting of the Loveland Archaeological Society.

Fort Collins Rock Hound Club Annual Show March 28, 29, and 30, 2014

The Fort Collins Rock Hound Club is preparing for its 53rd Annual Show, March 28, 29, and 30, 2014, and we would love to include the Archeology Society. Feldspar and petrified wood will be featured.

The show will be held at the Thomas McKee 4-H Youth and Community Building, at The Ranch, 5280 Arena Circle, Loveland, CO 80538. The times will be as follows: Friday, March 28, 4-8 P.M.; Saturday, March 29, 9 A.M. - 6 P.M.; and Sunday, March 30, 10 A.M. - 5 P.M. We have cases available to keep displays protected and security throughout the show days.

Set up is any time on Friday, the 28th, after 11:00 A.M. You may set up on Saturday morning, if you need. We ask that exhibitors wait to start packing up their exhibits until after the close of the show at 5 P.M. on Sunday, March 30.

Please respond to me at (970-206-9569) or try2stayafloat@gmail.com. If you are able to attend, we will set aside a case or space necessary for your display. Please let me know what size of case or space you will need. In addition, let me know if you need space with electricity, risers, or anything else for your display.

Note: For more information see the website at www.fortcollinsrockhounds.org.



LAS February 2014 Headlines:

Ancient Baby DNA Suggests Tie to Native Americans

By MALCOLM RITTER, AP Science Writer, February 12, 2014 (AP)

The DNA of a baby boy who was buried in Montana 12,600 years ago has been recovered, and it provides new indications of the ancient roots of today's American Indians and other native peoples of the Americas.

It's the oldest genome ever recovered from the New World. Artifacts found with the body show the boy was part of the Clovis culture, which existed in North America from about 13,000 years ago to about 12,600 years ago and is named for an archaeological site near Clovis, N.M.

The boy's genome showed his people were direct ancestors of many of today's native peoples in the Americas, researchers said. He was more closely related to those in Central and South America than to those in Canada. The reason for that difference isn't clear, scientists said.

The researchers said they had no Native American DNA from the United States available for comparison, but that they assume the results would be same, with some Native Americans being direct descendants and others also closely related.

The DNA also indicates the boy's ancestors came from Asia, supporting the standard idea of ancient migration to the Americas by way of a land bridge that disappeared long ago.

The burial site, northeast of Livingston, Mont., is the only burial known from the Clovis culture. The boy was between 1 year and 18 months old when he died of an unknown cause.

He was buried with 125 artifacts, including spear points and elk antler tools. Some were evidently ritual objects or heirlooms. The artifacts and the skeleton were covered with powdered red ochre, a natural pigment, indicating a burial ceremony.

The skeleton was discovered in 1968 next to a rock cliff, but it's only in recent years that scientists have been able to recover and analyze complete genomes from such ancient samples.

The DNA analysis was reported online Wednesday in the journal *Nature* by scientists including Eske Willerslev of the University of Copenhagen in Denmark, Michael Waters of Texas A&M University and Shane Doyle of Montana State University in Bozeman. The burial site lies on the property of the parents of another author, Sarah Anzick of Livingston. It is known as the Anzick site.

Doyle, a member of the Crow tribe, said the indication of such ancient roots for American Indians fits with what many tribal people already believed. He also said plans are underway to rebury the boy's remains at the site after the winter.

The boy "was not a chief or a great hunter," but his burial showed love and respect, Doyle said at the Montana Historical Society in Helena on Wednesday.

Next will be a memorial at the site, he said, "Something small, so that the state of Montana, people around the world will know the importance of that place."

In a telephone conference with reporters this week, the researchers said that once they discovered the link between the boy and today's Native Americans, they sought out American Indian groups to discuss the results. Willerslev, an expert in deciphering ancient DNA, called for scientists to work closely with native peoples on such research.

On Wednesday, he noted there were Native American groups who said their oral history showed that they were descendants of the first people in the Americas.

"Well, they turned out to be right," Willerslev said at the Montana museum, where artifacts from the site are on display.

The results are "going to raise a whole host of new ideas and hypotheses" about the early colonization of the Americas, said Dennis O'Rourke, an ancient DNA expert at the University of Utah who wasn't involved in the work.



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LAS News and Upcoming Events:

- Speakers Needed!** We need speakers for our monthly meetings in 2014. If you would like to give a presentation or know of someone who would give a great program please contact Andy Coca, Jean Steinhoff or Kevin Zeeck. No experience is necessary. All that is needed is a passion for our hobby and a willingness to share that passion. Thanks!
- March 4, 2014** March meeting. Program: "Running of the Buffalo: Communal Bison Hunting in Northern Colorado" by CSU Master's student Chris Johnston. Chris will provide some discussion on his thesis site, the Roberts Buffalo Jump in northern Larimer County.
- March 28-30, 2014** Fort Collins Rockhounds Club annual show at the Ranch (McKee 4-H Youth and Community Bldg) in Loveland, Colorado. See the website for more information: www.fortcollinsrockhounds.org.
- April 1, 2014** April meeting. Program: to be announced.
- Summer 2014** The Crow Canyon Archaeological Center is holding two field sessions during the 2014 summer season. Dates are June 22-28, 2014 and July 20-26, 2014. For information visit <http://www.crowcanyon.org/programs/campus/NEHsummer2014.asp>.

The Isla Mujeres Ethnographic Field School is currently accepting enrollment to their summer 2014 Field School sessions. You can learn about their program on their site www.AnthroFieldSchool.com and on their Facebook page: <https://www.facebook.com/Islamujeresethnographicfieldschool>

Fort Collins Rockhounds presents the
52nd Annual
Gem & Mineral Show
Featuring
Agates & Calcite
March 22, 23, 24, 2013
Details at www.fortcollinsrockhounds.org
Show Chairman: 970.493.6168 (No dealer space available)
showchairman@fortcollinsrockhounds.org

Thomas M. McKee 4-H, Youth & Community Building,
Larimer County Fairgrounds

- Sponsor of the Annual Loveland Stone Age Fair -
www.stoneagefair.com