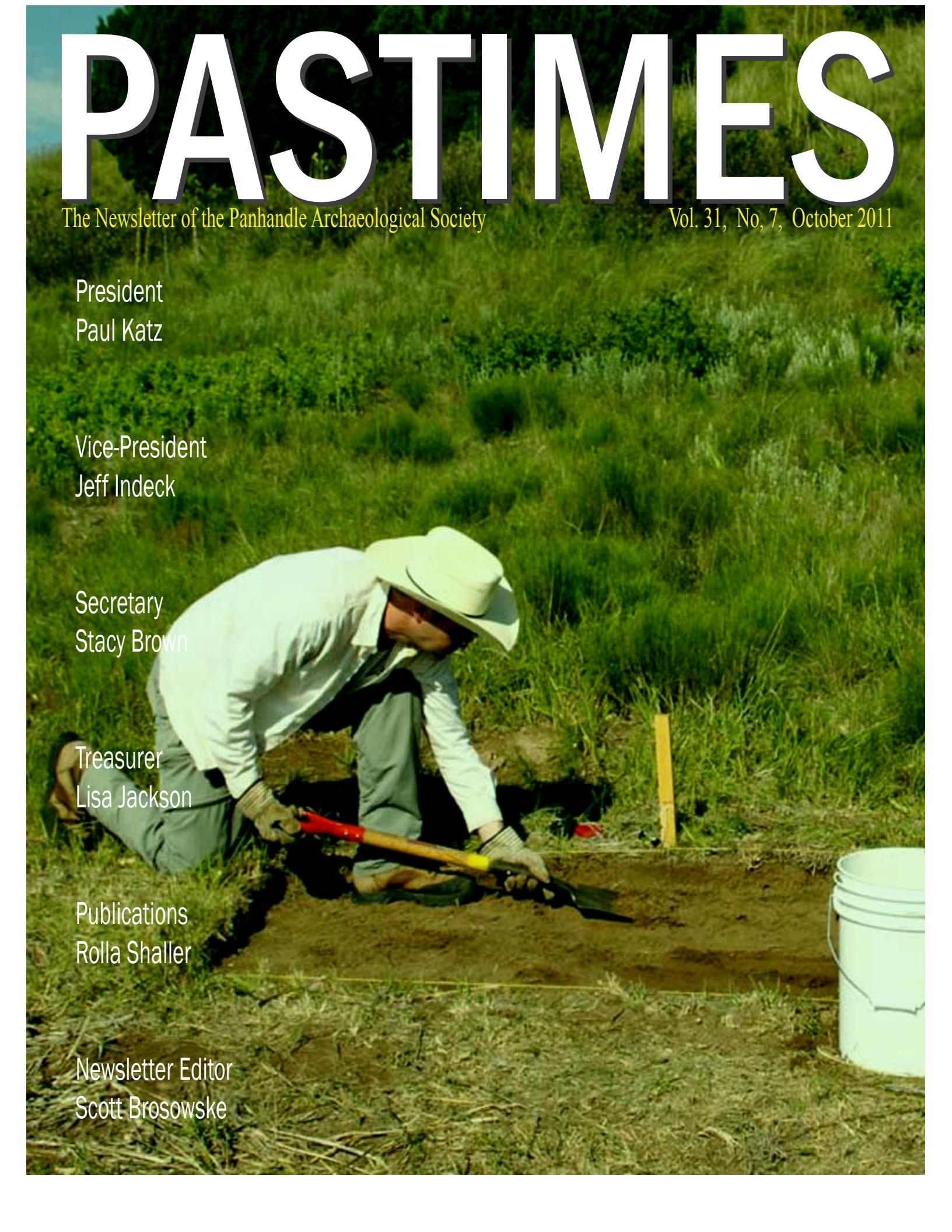


# PASTIMES



The Newsletter of the Panhandle Archaeological Society

Vol. 31, No. 7, October 2011

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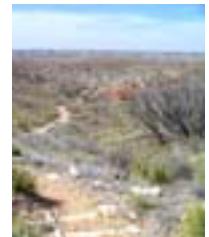
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On The Cover: Matt Taylor opening up a new unit at 2010 CAR F.S.

The Panhandle Archaeological Society will hold its next meeting on Wednesday October 26, 2011, at 7:00 pm, at the Wildcat Bluff Nature Center Science Building, 2301 N. Soncy Road, in Amarillo, Texas. Our program will be presented by David Batten.

## Bringing the field into the office: the use of GIS in archaeological research

Since the mid-1980s GIS has been used in archaeology to predict site locations based on such things as slope and distance from critical resources. As GIS matures our archaeological goals can also progress. I will present some of the variety of ways my students and I have approached the relationship between settlements and the topography of their landscapes at the scale of site, community, region, and beyond. We have explored the locations of puebloan sites relative to computer-derived least-cost pathways among Galisteo Basin pueblos and along predicted travel routes from the plains, as at Pintada Arroyo.



We will be investigating the potential of signaling at Gran Quivira by determining viewsheds. Viewshed analysis allows us to identify prominent locations on the landscape that might serve as signaling stations to warn of approaching trade groups or potential raiding parties. Finally, a GIS can model the hydrology of a place. Using these tools, we can evaluate the location of surface artifacts relative to the action of water. These are wonderful tools, but we must also ask how confident we can be in the virtual world that we create. While insights into prehistoric behaviors and socioeconomic relationships are the ultimate goal, an important near term goal is to identify weaknesses and if possible adjust procedures to make GIS more reliable in the future.

I began my educational career with a degree in forestry from Colorado State University. After an extended period of experiencing-life-as-education in places such as Jackson Hole, Wyoming and Bozeman, Montana, I returned to college at Montana State University in the field of archaeology, a long-time interest. I chose the University of New Mexico for graduate school, and worked there under the tutelage of the late Mesoamericanist Robert Santley, exploring the influence of transportation on the development of complex societies. That was the subject of my dissertation.

My research interests since coming to Eastern have focused on the transport and communication linkages between major sites in the late prehistoric period in New Mexico east of the Sandia Mountains. What can these routes tell us about the economy and lives of the Puebloan people and their trading partners to the east? To what extent can trade and communication routes be identified through Geographic Information Systems (GIS) terrain modeling techniques? Can routes so identified be confirmed on the ground through archaeological survey? These are some of the questions that interest me. Corollary interests include interaction between Pueblo and Plains peoples, settlement pattern analysis, and 'non-site' approaches to landscape archaeology.

I have excavated or surveyed in New Mexico, Arizona, Montana, Scotland, Germany, and Portugal, at sites running the gamut from an iron-age fortification to a medieval Islamic village, and from Paleoindian to archaic to late prehistoric puebloan. I have taught at Eastern New Mexico University since 1997.

# Take a Tour at The Alibates Flint Quarries National Monument - Fritch Texas



After a short drive to the starting point then the hike begins

This is a guided tour so there are a few stops along the way before reaching the top

One of a couple of rest stops under a very nice shelter



A very nice view to the northwest



## 2011 Flint Fest at the Alibates Flint Quarries National Monument October 1-2, 2011

The second annual knap-in at Alibates Flint Quarries National Monument will be held on the first weekend of Texas Archeology Month. This is Saturday, October 1 and Sunday, October 2. The 'Flint Fest' has been expanded from one to two days due to the overwhelming public response last year. Knappers will be demonstrating their skill at making different tools out of different materials on both days between 9:00 am-5:00 pm. Any flintknapper is welcome to participate. Bring your own tools, and some Alibates toolstone will be provided for you to work. The Flint Fest will be held at the Alibates Contact Station, located five miles west of the intersection of Cas Johnson Road and Hwy. 136 (Fritch highway). For additional information regarding Flint Fest call NPS HQ in Fritch: (806) 857-3151.



# PAS Field Trip Review: The Seewald Ranch



By Stacy L. Brown

On a clear, beautiful Saturday, PAS members and guests took advantage of a rare opportunity to visit the historic Seewald Ranch, located just north of Amarillo. Normally closed, this is a privately owned working ranch that contains several documented archaeological sites, as well as the opportunity for discovering previously undocumented sites. Ranch owners welcomed tour participants to document any new sites, features or artifacts that may have surfaced, as well as monitoring any site deterioration that may be occurring. PAS member Alvin Lynn worked with the owners to gain access and organize this successful trip.

The first site visited, 41PT493, was a site located above West Amarillo Creek containing Late Archaic and Middle Ceramic period components. While no formal features were observed, well-used manos and hammerstones, Middle Ceramic period sherds, fire-cracked quartzite cooking stones, and a base from a Late Archaic point were seen on the surface. In addition, there were large quantities of Tecovas debitage scattered throughout the site.

Well situated between the sites we visited was an outcrop of Tecovas jasper. This large outcrop is recorded as 41PT276 and was the main Tecovas source for the peoples inhabiting the surrounding area.



Tecovas jasper occurs at numerous sources in the Canadian River valley west of Lake Meredith and in canyon systems on the eastern edge of the Llano Estacado. Its coloration ranges from reddish brown, brownish-yellow, dark gray and at times milky white. This high quality material does have some varieties that can be misidentified as Alibates, however, the primary difference with Tecovas is that its color tends to be a more orange-brownish red and its texture is slightly grainier than Alibates.

The second site that was visited that afternoon was the Bascom Trail Site (41PT277). This was an ideal camping site due to its close proximity to the Fort Smith-Santa Fe Trail and West Amarillo Creek. Previous documentation stated several tipi rings were located here. While there were several scatterings of rocks in the area, it was difficult to make a firm determination on where exactly these rings were located. Time and animal traffic have apparently taken their toll. Due south from the Bascom Trail Site, was an area that had housed a late 1930's to early 1940's CCC Camp (41PT440). Over the years all of the buildings and housing remains are almost completely deteriorated. Currently, the only visible remains are concrete footings and foundations of 17 structures.

The third and final site was located near the top of a ridge overlooking West Amarillo Creek. This site also contained large amounts Tecovas debitage scattered throughout, as well as two possible cairns. GPS readings were taken to verify their location and it was discovered that the previous positions were taken prior to 1994 before satellite corrections were made available to the general public. New positions were documented to update the site information.



PAS member Richard Mackie made the discovery of the day at the third site. Laying on the surface was a percussion cap tin lid embossed "Eley Bro. London". The tin lid was in remarkably good condition and Richard didn't need a metal detector to locate it! Eley Brothers manufactured musket and pistol percussion caps beginning in 1841 through the late 1800's and were a major supplier to the Confederacy during the American Civil War.

All in all, it was a very successful and enjoyable day spent doing what we all are truly passionate about; investigating the history and prehistory of the Southern Plains. Don't miss out; be sure to join us for the next field adventure coming soon!

### 2011 Texas Archeology Month Tours at the Alibates Flint Quarries National Monument

Every Weekend in October 2011 the National Park Service will offer tours of the Alibates Flint Quarries National Monument and the nearby Alibates Ruin village site. The first weekend (October 1-2) will have four tours and the other four weekends will have just three.

The Village Tour will visit the ruins of two Antelope Creek villages occupied between A.D. 1250 and A.D. 1450 and excavated during the years of 1938 to 1941. Viewing the nearby petroglyphs is a highlight of this tour. The Alibates Ruin Site Tours will be at 11:00 am each Saturday and Sunday. Additional tours of the village will also be offered on October 1 and 2 only at 3:00 pm.

The Quarry Pit tours will visit the famed Alibates Flint Quarries. This tour focuses on archaeology and the prehistoric use of the Alibates toolstone. A visit to the only excavated quarry pit will be a highlight of this tour. Quarry Pit tours will be on Saturdays and Sundays at 10:00 am and 2:00 pm.

All tours are guided by rangers and knowledgeable volunteers and will take about two hours to complete. All tours are free, but reservations are required, as there is a limit to the number of people that can be accommodated at each site. Both tours will leave from the Alibates Contact Station, located five miles west of the intersection of Cas Johnson Road and Hwy. 136 (Fritch highway). Call NPS HQ in Fritch to make a reservation for a specific tour at a specific time on a specific day: (806) 857-3151.

# PAS Member Highlight



**Beryl Hughes**

1. How long have you been a member of PAS? Since 1986 or so
2. What first sparked your interest in archaeology? My major is in history and anthropology. I'm a cultural historian. I guess my first interest was in family history, my family was at Jamestown. My grandmother was born before the civil war and crossed the plains in a covered wagon four times.
3. What is your best find or most interesting moment with PAS or archaeology in general? Jack and I spent five years doing the history of Drementina, a village in northeastern NM, that formed in the 1880's and was abandoned in 1959. There was a reunion there every year and Jack and I were treated like family.
4. If you could have any choice, what would be your dream find, site, or location? I would like to find the earliest peoples in America.
5. What would be your vision for PAS in the next ten years? I would like PAS to be given more recognition and I wish the Panhandle could be considered part of Texas.
6. Is there anything else you would like PAS members to know about you? Retired and moved to the southwest Desert. Just returned from a trip to Ireland, and love and miss all of you.

## Panhandle Archaeological Society Minutes of the September 22, 2011 Meeting

Vice President Jeff Indeck called the meeting to order at 7:15 p.m. at the Wildcat Bluff Nature Center. 21 members and 3 guests were in attendance.

The next meeting of the PAS will be held on Wednesday, October 26, 2011. David Battin (ENMU) will be our speaker.

Jeff introduced the evening speaker, Pam Allison. She spoke of the lack of documentation of Texas Panhandle flora and focused on 10 specific species. The lecture concluded with a brief discussion of her recent work on the Texas Horned Lizard.

The business meeting began at the conclusion of Pam's presentation. The minutes of the May 18, 2011 meeting were approved unanimously.

Lisa gave the Treasurer's report. The current operating balance is \$1,725.29.

Rolla submitted the Publication Committee report in writing. The current checking account balance is \$2,691.80. The balance of the 180 day CD at Amarillo National Bank is \$5,292.10. Cash on hand is \$30.38.

The preliminary draft report of the Canyon City Club Cave site has been completed. The approximate costs for publication will be \$15.00 per copy. We are planning to publish 100 hard copies and 50 CD copies and hope to have them available for the TAS meeting in Oct.

A request was made for volunteers to serve on the 2012 Officer Nomination Committee. Alvin Lynn volunteered.

### New Business

Last spring it was suggested that PAS register with TECHSOUP to allow us to receive computer software at a discount. Some issues developed during the process and it was decided that PAS would not register.

There will be a tour of the Seewald Ranch on September 24. To sign up contact Alvin or Scott. A tour of Antelope Creek Phase sites near Borger and Stinnett is in the works for November. Details pending.

PAS will again be participating in Fannin Jr. High School's History Festival. Volunteers are needed for spear throwing, corn grinding, wood working, and pharmaceutical technologies.

The speaker for this year's Studer banquet will be Miles Gilbert, author of Mammal Osteology and Encyclopedia of Buffalo Hunters and Skinners, Vol. I and II. Auction items are also being requested.

Alibates National Monument will be hosting their second annual Flint Fest on October 1st and 2nd. Reservations are requested for tours of the ruins and quarries.

Dusty Reins, caretaker for Wildcat Bluff Nature Center offered use of their facility to advertise and promote PAS functions and events.

Use of PAS funds to sponsor a local university scholarship was introduced to make use of surplus funds. It has been suggested that three or more ideas be developed to investigate the feasibility of this idea. It was also suggested that these funds could be used to bring in monthly meeting speakers from outside the panhandle area. The issue was tabled for future discussion.

The meeting was adjourned at 9:30.

## Anouncements, Updates, and Upcoming Events

**2011 Texas Archeology Month Tours at Alibates Flint Quarries National Monument**  
Every Weekend in October

**2011 Flint Fest Knap-In at Alibates Flint Quarries National Monument**  
October 1-2, 2011  
For Additional Information on these events Call NPS HQ at 806-857-3151

### **Annual Family Archaeology Field Day**

Museum of the Plains, Perryton Texas  
October 22, 2011 from 12:00-4:00 pm  
For more information or to sign-up  
(806) 434-0157 or [sbrosowske@pphm.wtamu.edu](mailto:sbrosowske@pphm.wtamu.edu)

### **Panhandle Archaeological Society Monthly Meeting**

Wildcat Bluff Nature Center  
2301 N. Soncy, Amarillo, Texas  
October 26, 2011 at 7:00 pm  
For more information visit the PAS website at:  
<http://txpanhandlearchaeology.org/>

### **69th Annual Plains Anthropological Conference**

October 26 - 29, 2011 Tucson, Arizona  
For more information visit the conference  
website at: <http://www.pac69.com>

### **82nd Annual Meeting of the Texas Archaeological Society**

October 28 - 29, 2011 Fort Worth, Texas  
For more information visit the conference website  
at: <http://www.txarch.org/Activities/AnnualMeeting/am2011/index.php>

### **Panhandle Archaeological Society Monthly Meeting**

Wildcat Bluff Nature Center  
2301 N. Soncy, Amarillo, Texas  
November 16th, 2011 at 7:00 pm  
For more information visit the PAS website at:  
<http://txpanhandlearchaeology.org/>

### **Panhandle Archaeological Society Annual Studer Banquet**

December 17, 2011 from 6:00 - 10:00 pm  
Hazelwood Hall; Panhandle-Plains Historical Museum  
For more information visit the PAS website at:  
<http://txpanhandlearchaeology.org/>



## Ruth Mary Conrad Maples

Ruth Mary Conrad Maples was born in Taloga, Dewey County, OK on 10 July 1917 and died on 26 September 2011 at the age of 94 in Amarillo, TX.

Family will receive friends at the funeral home from 2:00 p.m. - 4:00 p.m. on Thursday, 29 September 2011. Arrangements are by Boxwell Brothers Funeral Directors, 2800 Paramount Blvd.

She graduated from Amarillo High in 1933 after moving to Amarillo, TX in 1929. She attended Amarillo College and West Texas Teachers College in Canyon, TX for her Bachelor of Education degree. She began teaching school upon graduation in 1937 at Hart, TX where she met her beloved husband, Glen Maples. They farmed in Hart, TX until they moved to Amarillo in 1959.

She completed her Masters of Education in 1959 at West Texas State College where she then continued her teaching career at Pleasant Valley, Hamlet, Hilltop, and Will Rogers elementary schools in Amarillo until she retired in 1978. Her interests were always travel, archeology and genealogy, where she studied her family's history.

She was a member of Panhandle Archeological Society, Esther McCrory Chapter Daughters of the American Revolution, Amarillo Genealogical Society, Santa Fe Trail, the Scottish Celtic Heritage Society, the Panhandle DAR Regents Council, and the Ruth Eccles Nugent Tent of Union Veterans. She served as president and on the executive board of all these groups.

She has helped find where her family lines originated from and how they moved westward by proving over thirty-five lines back to the American Revolution. Also, she has proven various family lines in Colonial America and other lines back to Medieval Europe.

With her research in her family history, she helped write "Bollinger Connections" and "A Maples Leaf" as well as various other stories about the family. She also worked to record various genealogical records for the National Society of the Daughter of the American Revolution.

She was also a member of Daughter of the American Revolution, Daughters of American Colonists, Daughters of the Colonial Dames of the 17th Century, Daughter of the War of 1812, Daughters of Colonial Wars, Society of the Descendants of the Founders of Hartford, CT, Daughters of Loyalists and Patriots, Huguenot Society of Missouri, Descendants of Valley Forge, Antebellum Bench & Bar, Colonial Society of Daughters of Indian Wars, National Society of Magna Carta Dames, The Society of Descendants of Knights of the Life Most Nobel Order of the Garter, The Sovereign Colonial Society of Americans of Royal Descent, First Families of Twin Territories, as well as the Colonial Order of the Crown.

She also supported various historical and genealogical organizations such as the Panhandle-Plains Historical Society, First Families of Ohio, Oklahoma Historical Society, Catawba Historical Society of North Carolina, Virginia Historical Society, Athens County Genealogical Society of Missouri, Cabarrus Genealogy Society of North Carolina, the National Genealogical Society, the Missouri Historical Society and the Andrew County Museum of Missouri. She was also a member of the archeological organizations such as the El Paso Archeological Society and Texas Archeological Society.

Ruth Maples was preceded in death by her husband, Glen Maples, son-in-law, Joe Schoen III and three grandchildren, Jason, Scott and Stephanie Schoen.

Survivors include daughters, Mary Herring and husband Glenn, Ann Schoen, Ruth Elaine Maples; three grandchildren, Shanell Herring, Joe Schoen IV and wife Karla, JoAnna Schoen of Japan; and six great-grandchildren, Marine Lance Corporal Collin Trussell, Airman Nicholas Trussell, Joseph W. Schoen V, Laura Schoen, Xander and Dalton Daniels; and her favorite pet, Kat.

The family suggest memorials be given to the Esther McCrory DAR Chapter of Amarillo, Amarillo Public Library Genealogical Department or other genealogical groups.

Leave online condolences at [www.boxwellbrothers.com](http://www.boxwellbrothers.com)