

# La Vista de la Frontera



Newsletter of the Center for Big Bend Studies  
Sul Ross State University

A Member of the Texas State University System



Volume 9

Fall 1996

Number 1

## FROM THE DIRECTOR Robert J. Mallouf



**G**reetings to the membership from Sul Ross State University and the beautiful Big Bend country. It is a real pleasure to be here and to serve as your director. In addition to the transition in directorship, the Center has undergone a variety of other changes during 1995-1996. These include the addition of two staff members, new facilities in Lawrence Hall, and new equipment to facilitate our educational and publishing capabilities. This year has been both rigorous and gratifying, and the Center staff is looking forward to the challenges that lay ahead.

With this issue of the newsletter we discuss some new frontiers for the Center in the realm of cultural studies of the borderlands. While maintaining and strengthening the interdisciplinary foundation of the organization established by my predecessor, Dr. Earl Elam, we are actively expanding the purview of the Center in order to promote studies in archeology and other subdisciplines of anthropology, as well as in ethno-history, folklore, and cultural geography. By emphasizing the intrinsic linkages of these and other related disciplines with the study of history, we hope to maximize the Center's potential as an integrating force for dynamic, multicultural studies of the borderlands. Our methods for accomplishing this goal are varied and reflect the stated mission of Sul Ross State University—to foster an appreciation of cultural diversity within a framework of teaching, research, and public service.

Among our accomplishments in 1996 is the establishment of a new publication series, called *Occasional Papers*, which allows us to publish book-length studies of an interdisciplinary nature. The first of this series is now in print and details the findings from a long-running archeological and historical study of Big Bend Ranch State Park. The second volume in this series, a collection of papers on Indian rock art of the borderlands, is nearing completion. Publications in this series are offered at a 25% discount to the membership. The newly formatted *Journal of Big Bend Studies*, along with the CBBS

newsletter, *La Vista de la Frontera*, as well as an expanded Annual Conference, continue to be offered as part of our membership benefits package.

In addition to changes in our publications series, we have instituted a Cultural Resources Management program at the Center that is geared toward providing professional contractual services to federal and state agencies and other organizations and entities in the realm of cultural studies. This program is off to a quick start, with archeological-related projects currently running in Big Bend National Park and Big Bend Ranch State Park. The addition of this program serves to enhance integration of the Center with other departments of the university, provides hands-on training for students of various disciplines, and enhances the ability of the university to provide culture-related studies that were previously conducted only by universities from outside the region.

Student involvement in cultural studies is further encouraged through a cooperative arrangement between the Center's professional staff and the Department of Behavioral and Social Sciences, which now offers a minor (18 semester hours) in anthropology with an emphasis on archeological-related curriculum. The anthropological offerings include an annual archeological field school, which was held at Elephant Mountain Wildlife Management Area in 1996.

In the realm of public outreach, the Center's focus this year has been on providing dozens of talks and presentations to a wide range of civic and professional groups—both inside and outside of the Trans-Pecos region. Additionally, plans are underway for the production of a variety of educational outreach materials, including brochures, booklets, and audio-visual projects. A CBBS home page is also currently under construction for the Internet. And as of Fall, 1996, the Museum of the Big Bend has come under the purview of the Center as well, which greatly enhances the potentials for an integrated and more holistic approach to cultural studies and public outreach at the university.

In sum, the Center is alive and well, and facing an exciting future. We greatly appreciate the patience and understanding of the membership during this past year of transformation, and we look forward to a challenging and very productive year ahead.



## 3rd Annual Conference A Success

The Center held its 3rd Annual Conference November 15 and 16, 1996, in Lawrence Hall, the new home of the Center and the Museum. Attendance this year was around 175 people, up from 125 in 1995. The Texas State Marine Archeologist, J. Barto Arnold, III, gave the Friday night presentation on recent archeological work on the *La Belle*, La Salle's ship that sank in Matagorda Bay in 1695. Dr. Ruben Osorio, noted borderlands historian from Chihuahua, Mexico, spoke during the Saturday luncheon on official perceptions of General Francisco "Pancho" Villa in "The Lost Revolution." In addition to these keynote presentations, 31 short papers on local history, archeology, and culture were presented. All sessions were taped, and tapes or compact disks are available for a nominal fee (see order form inside). Selected papers from the conference will be included in Volume 9 of *The Journal of Big Bend Studies*.

A new feature this year was a book sale in which several local merchants, the Center, and the Museum participated.

## Advisory Council Members

Thomas C. Alex Big Bend National Park	Oakah L. Jones Albuquerque, New Mexico	Albert B. Tucker Alpine, Texas
Abelardo Baeza Alpine, Texas	J. Charles Kelley Fort Davis, Texas	William Webb Alpine, Texas
Melleta Bell Alpine, Texas	Bill Leftwich Fort Davis, Texas	Paul Wright Alpine, Texas
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Paul Carlson Lubbock, Texas	Clay and Jody Miller Valentine, Texas	<i>Ex Officio</i>
Franklin Daugherty Alpine, Texas	Phyllis Musgrove Alpine, Texas	Dr. R. Vic Morgan President, Sul Ross State University
Earl Elam Granbury, Texas	Felipe de Ortego y Gasca Alpine, Texas	Dr. David L. Cockrum Vice President for Academic Affairs, Sul Ross State University
Russell Gardinier Fort Davis, Texas	Robert Overfelt Del Rio, Texas	
Alex Gonzalez Fort Stockton, Texas	Judith Parsons Alpine, Texas	
Dudley Harrison Sanderson, Texas	Gerald G. Raun Alpine, Texas	
Charles "Bob" Hext Alpine, Texas		



## FELLOWSHIPS & INTERNSHIPS

The Williams P. Clements Center for Southwest Studies in the Department of History at Southern Methodist University in Dallas welcomes applications for two research fellowships: 1) the Clements Research Fellowship in Southwestern Studies, in any field in the humanities or social sciences from individuals doing research on Southwestern America, broadly conceived; 2) the Summerlee Research Fellowship, specifically in the field of Texas history. The fellowship holders would be expected to spend the 1997-98 academic year at SMU, as Research Fellows of the Clements Center. The fellowships are designed to provide time for senior or junior scholars to bring book-length manuscripts to completion. The Research Fellows will each be expected to teach one course during the two-semester duration of the fellowship and participate in Center activities. The Research Fellows will each receive the support of the Center, access to the extraordinary holdings of the DeGolyer Library, and a subvention toward the publication of their books. Each fellowship carries a stipend of \$30,000 and modest allowance for research and travel expenses.

Applicants should send a vita, a description of their research project, a sample chapter or extract, and three letters of reference from persons who can assess the significance of the proposal and the scholarship record of the proposer. Send applications to David J. Weber, Director, Clements Center for Southwest Studies, Department of History, SMU, Dallas, Texas 75275. Applications must be received by January 15, 1997. The award will be announced on March 1, 1997. This announcement contains all the information necessary to complete the application process.

## MUSEUM CLOSES TEMPORARILY

As of December 20, 1997, the Museum of the Big Bend will be closed. It will reopen in Lawrence Hall on Feb. 28-Mar. 1, 1997, with a Gala Opening to coincide with the 11th Annual Trappings of Texas event. The old museum is being closed so that the exhibits can be disassembled and moved to the new facility. A series of new exhibits will be designed, constructed, and installed over the next two years.

## CBBS PERSONNEL

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**A**ny organization is only as strong as its supporters. The Center for Big Bend Studies is very fortunate to have two such stalwart supporters in Frank and Dorothy Daugherty. In the past year, they have provided invaluable assistance in keeping word of the Center spreading while the staff concentrated on the reorganization and move. Without this tireless couple, we would not have been able to accomplish so much, so fast. We would like to acquaint you with the Daughertys so that you may begin to know and appreciate them as we do.

Franklin Daugherty was born June 20, 1927 in Alpine, Texas where he attended schools, graduating in 1944. Dorothy Cotten was born October 12, 1929 in Yoakum County. At the age of three, her family moved to Andrews.

Frank and Dorothy met and courted during the war years at Sul Ross. They were married July 18, 1945. Six months later, Frank joined the Army, serving as a company first sergeant in the 304th Signal Operations Battalion of the U.S. Eighth Army in Japan until his discharge from service in the summer of 1947.

On returning home, Frank enrolled in the newly created geology program at Sul Ross, where Dorothy was editor of the *Skyline*. She graduated in 1947 with a BBA. Frank graduated in 1950 with a BS.

Frank and Dorothy purchased the Grandview Courts, now the Siesta Country Inn, from Frank's parents and operated it until its sale in 1954. After the sale, Frank worked as an independent geologist, and for a brief time was Superintendent of the Lone Star Mercury Mines west of Terlingua.

Frank and Dorothy also had a small herd of Hereford cattle on the family ranch near the mouth of Sunny Glen Canyon northwest of Alpine. In 1955, Frank made the location for a water well on the family land, and it was the discovery well for the Sunny Glen water field which has furnished water to Alpine for 40 years.

From 1955 through 1957, Frank had diamond core drilling contracts with the Dow Chemical Company to evaluate newly discovered fluorspar deposits in a remote area of Coahuila, Mexico, southeast of Big Bend National Park.

Their first daughter was born in 1949, followed by a son in 1953, and another daughter in 1954. Besides rearing the children in Frank's absence, Dorothy acted as a communications link between Dow's Freeport office and the extremely isolated exploration project in Mexico.

Following the sale of the drilling equipment to the Dow Chemical Company in 1958, Frank and Dorothy bought a home in Austin, and Frank entered the graduate program in geology at The University of Texas. He received an M.A. in 1959; the subject of his master's thesis was *Structure of the Sierra Pilares, Chihuahua, Mexico*. In 1962 he received a Ph.D. in Geology for his doctoral dissertation study *Geology of the Pico Etereo Area, Municipio de Acuña, Coahuila, Mexico*. His dissertation was translated into Spanish and published by the National Autonomous University of Mexico.

In Austin, Dorothy became a Cub Scout Den Mother, Girl Scout Neighborhood Cookie Chairman, and took accounting courses at UT. In the summers, while Frank did field studies for his degrees, she and the children stayed in Alpine and she was able to complete a master's degree from Sul Ross in August of 1960.

Upon receiving his Ph.D., Frank was employed by a Mexican subsidiary of the Dow Chemical Company to evaluate tellurium and gold deposits in the Mexican state of Sonora. June 1963 found the family in Canyon, Texas where Frank became a faculty member at West Texas State College, now West Texas A&M University.



Frank rapidly became a full professor at WTSU and received the Faculty Excellence Award which he and Dorothy used to establish the Geology Merit Scholarship. Frank became Director of Earth Science Research for the Kilgore Research Center at WTSU and was successful in obtaining National Science Foundation and other grants.

Dorothy taught high school English, Spanish, American History, and bookkeeping courses before going to West Texas State to teach office machines and accounting courses. She served as president of the Panhandle Chapter of the Modern Language Association and co-chair of the Bicentennial Ball in the Panhandle-Plains Historical Museum.

In 1977, Frank and Dorothy retired to Alpine where they built a new home in Sunny Glen on the family ranch. They operated a fluorspar mine in southern Brewster County as well as a small ranch and pecan orchard.

Frank has led many field trips for professional geological societies and university groups to the Trans-Pecos area of Texas and to the Mexican states of Coahuila, Chihuahua, and Sinaloa. His scientific papers have been published in several professional journals. He is also an advisor to the Big Bend Natural History Association in the realms of geology and history.

In recent years, Frank's interest has been concentrated on the history of the Big Bend and adjoining regions of Mexico, and he has been the Chairman of the Brewster County Historical Commission for 15 years. He is currently writing a book which deals with prospectors, promoters, miners, mineral diviners, rainmakers, and water witches in the Big Bend.

Frank and Dorothy have always been strong supporters of Sul Ross State University. They are Life Members of the Ex-Students Association, and they were co-founders of the McNulty Geology Excellence Scholarship at Sul Ross. Additionally, they were instrumental in the endowment of the Flora L. Daugherty Scholarship at Sul Ross in honor of Frank's aunt. In recent years, Frank was largely responsible for the establishment of the Alpine High School Ex-Student's Scholarship at Sul Ross.

Frank is a member of the Advisory Council and Executive Committee of the Center for Big Bend Studies. In July 1996, he was awarded the Distinguished Alumnus Award by the Sul Ross Ex-Students Association.

Frank and Dorothy seem to never miss an opportunity to speak for the Center and Sul Ross—neither of whom could ask for better ambassadors. The staff would like to take this opportunity to say thank you to these two wonderful and tireless supporters.



## NEWS FROM THE NET

### CBBS Web Page Under Construction

The Center for Big Bend Studies' Web Page is beginning to take shape. According to Marty Estrada, the web page designer, "the Center's web page will be completed in the near future." When completed, the web site will have titles for all past *Journal* articles, abstracts for other new publications, summaries of projects, and profiles of the staff members. You can visit the developing web page at:

<http://www.sulross.edu/~cbbs>

### More Web Pages of Interest

#### Texas Humanities Resource Center Internet Project

The Texas Humanities Resource Center has embarked on a four-year campaign to develop electronic versions of its photo-panel exhibits for transmission over the Internet. The collection of 55 photo-and-text panel exhibits will be digitized, and repurposed for dissemination to schools, colleges, universities, public and academic libraries, and community cultural agencies wherever the Internet reaches.

THRC's first virtual exhibit, *The Bonfire of Liberties: Censorship of the Humanities*, was installed on the World Wide Web on April 25, 1996. It can be seen at:

<http://www.humanities-interactive.org>.

To keep abreast of developments in Humanities-Interactive, you are invited to visit THRC at the TCH Website:

<http://link.tsl.state.tx.us/tx/TCH/ndex.html>

#### From the Great Plains

The Center for Great Plains Studies has gone on-line. The page features information about the Center, as well as links to other Great Plains sites that might be of interest. It can be reached at:

<http://www.emporia.edu/S/www/cgps/grplsst.htm>

#### Border Environment Cooperation Commission

BECC may be reached at: <http://cocef.interjuarez.com>

#### Tomás Rivera Center issues report on Immigrant Contributions

The TRC, a national institute for policy studies, conducts social, political, and economic policy action research on major issues relevant to all groups in the Latino Community. TRC is affiliated with the Claremont Graduate School, Claremont, California, and the Department of Government at the University of Texas at Austin. They may be reached at:

<http://www.cgs.edu/inst/trc.html>

For those with an interest in timely and objective analysis of issues impacting the advancement of the Hispanic community, request *Why They Count: Immigrant Contributions to the Golden State*.

## CONFERENCES AND MEETINGS

**The National Association of African-American Studies** National Conference will be held February 11-15, 1997 in Houston, Texas. Topics relating to African American experiences in the United States and abroad will be discussed. For information call 606-783-2650.

**The Texas State Historical Association Meeting** will be held March 3-9, 1997 at the Renaissance Austin Hotel in Austin, Texas. Thirty-six sessions are planned over a three-day period. Call 512-471-1525 for more information.

**The South Central Women's Studies Association Annual Conference** will be held March 6-8, 1997 at Texas A&M University, College Station, Texas. Topics will include Women's Studies as applied to pedagogy, law, science, medicine, literature, art, music, communications, history, sociology, and other relevant subjects. Contact Dr. Pamela R. Matthews, Director, Women's Studies, Texas A&M University, College Station, Texas 77843-4351; Fax 409-862-4057.

**The Society for American Archeology** will be "Celebrating National Commitments to Archeology" at their meeting in Nashville, Tennessee, April 2-6, 1997. If you have questions or wish to participate in the meetings through papers, workshops, forums, or other venues, contact David Anderson 904-580-3011, Ext. 344, or e-mail [danderso@seac.fsu.edu](mailto:danderso@seac.fsu.edu).

**The Western Social Science Association** will hold its 39th Annual Conference in Albuquerque, New Mexico, April 23-26, 1997. One of the primary goals of the WSSA is to promote interdisciplinary scholarship. For information on presenting a paper, call: Rubén Martínez, Ph.D., Asst. Vice Chancellor, CU-Colorado Springs, 1420 Austin Bluffs Parkway, P.O. Box 7150, Colorado Springs, Colorado 80933-7150. Tel. 719-262-3205, Fax 719-262-3023, e-mail [Rmartine@alf.uccs.edu](mailto:Rmartine@alf.uccs.edu).

**The American Rock Art Research Association** will hold its Twenty-Fourth Annual Meeting in La Junta, Colorado from May 24-26, 1997. The symposium seeks to bring together people interested in all aspects of rock art research and education. For general sessions, the basic requirement is that papers deal directly with some aspect of rock art research, such as site reports, research projects, interpretation, recording problems, etc. Abstracts of 100 words or less and 7 copies of the application form must reach the office of ARARA no later than February 15, 1997 to be considered. For more information contact: Arizona State Museum, Univ. of Arizona, Tucson, AZ 85721-0026; Tel. 520-621-3999; Fax 520-621-2976 Attn. Sharon Urban.

**The Oral History Association** will hold its 1997 Annual Meeting September 25-28, 1997, in New Orleans, LA. This year's theme is "Looking In, Looking Out: Retelling the Past, Envisioning the Future," and the conference will focus on discussion of "how the stories people tell about their history relate to the strategies different communities and social institutions develop to recreate the future." For further information contact: Alpine W. Jefferson, Dept. of History, College of Wooster, Wooster, OH 44691, Tel. 330-263-2452; e-mail [AlJefferson@ace.Wooster.edu](mailto:AlJefferson@ace.Wooster.edu).



## REQUESTS FOR INFORMATION

From the Southwestern Mission Research Center Newsletter—The *vara* was a standard Spanish and Mexican unit of measurement of length. Smoke Pfeiffer of the U.S. Forest Service wants to know more than he was able to learn by reading E. Boyd's article on the *vara* as it appeared in Vol. 61(2) of *El Palacio* in 1954. Mr. Pfeiffer would like anyone who has information about the *vara* to contact him at:

RO8F10A@mhs-fswa.attmail.com

The Museum of the Big Bend is looking for historic photographs to assist in the installation of new exhibits. Photos are needed of Shafter, Susan Janes, River Riders, women ranchers of the Big Bend, ghost towns of the Big Bend, Pecos River Bridge, Dudley Studio, M-System Grocery, the Green Cafe, the Granada, Twin Peaks Drive-In, Stanbaugh's Auto Co., and the Packaway.

If you have photographs of any of these subjects, call the museum at 915-837-8143 or write to Box C-210, Alpine, Texas 79832. The museum will duplicate all pictures and return the originals to the owners.

## NEW PUBLICATIONS FROM THE CENTER FOR BIG BEND STUDIES

### **Archeological Reconnaissance on Big Bend Ranch State Park, Presidio and Brewster Counties, Texas, 1988-1994**

*By J. David Ing, Sheron Smith-Savage, William A. Cloud, and Robert J. Mallouf*

First in the new *Occasional Papers* series of the Center, this volume contains extensive background sections on the environment, history, and prehistory of the park and details findings from intermittent archeological field studies carried out over a period of six years. Sites and artifacts from late Paleoindian through Historic Ranching periods in the park are described and discussed, as are cultural relationships through time with the contiguous historical area of La Junta de los Rios. xii + 261 pp., 23 tables, 71 illus., \$24.95 paper.

### **Journal of Big Bend Studies, Volume VIII for 1996**

Published annually by the Center for Big Bend Studies, Sul Ross State University, the *Journal of Big Bend Studies* covers topics relating to the history, archeology, and other interdisciplinary cultural themes of the borderland regions of Texas, New Mexico, Chihuahua, and Coahuila, with emphasis on the Big Bend and adjoining areas. Articles in Volume VIII include discussions of prehistoric adaptations, early farming at La Junta de los Rios, various historical figures, early commerce and industry, frontier teaching and demographics, and military history. vi + 199 pp., 36 illus., \$15.00 paper.

### **The Sanderson Flood**

*By Russell Ashton Scogin*

Issued in 1995, this special publication details the 1965 disaster that forever changed the lives of inhabitants of this small town in Trans-Pecos Texas. Twenty-six people perished when a 15-foot-high wall of water struck the town, destroying 60 homes and leaving the survivors in a state of shock and denial. 109 pp., 33 illus., \$10.00 paper.

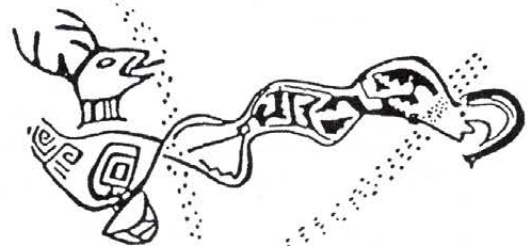
*Coming this Spring (1997)*

### **Borderlands Rock Art, Volume 1**

*Edited by Sheron Smith-Savage*

In February, 1995, the first in a series of symposiums on borderlands rock art was held at Sul Ross State University in Alpine, Texas. This volume contains a number of the presentations from the 1995 conference as well as some additional contributions that address more recent rock art studies of the region. Papers include an overview of rock art research in the Big Bend, studies of rock art styles and motifs, inferred significance of specific styles, and techniques of rock art conservation. Areas covered include Trans-Pecos Texas, Lower Pecos River, southern New Mexico, and northern Chihuahua, Mexico. approx. 130 pp., well-illustrated, \$15.00 paper.

(Note: Associate members of the Center receive the *Journal of Big Bend Studies*, the CBBS newsletter, and a 25% discount on all other publications as a part of their membership benefits package)



Jaguar Cave

Drawn by Kay Sutherland and Dave Parker

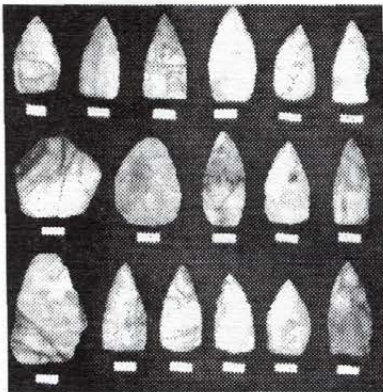


## SUL ROSS STUDENT FINDS STONE TOOL CACHE DURING FIELD SCHOOL

J. B. McHam, a graduate student in geology at Sul Ross State University, in Alpine, Texas, made an exciting find in June at the Archeological Field School which was held at Elephant Mountain Wildlife Management Area.

The field school was a cooperative effort between Texas Parks and Wildlife Department and Sul Ross State University. The course, offered through the Behavioral and Social Sciences Department at Sul Ross, was taught by Robert Mallouf, Director of the Center for Big Bend Studies and former state archeologist.

Mallouf and his students were following in the footsteps of pioneer archeologists J. Charles Kelley, T. N. Campbell, and Donald Lehmer, who first investigated this area in the 1930s. David Ing, Regional Archeologist for the TPWD region that includes the area now known as Elephant Mountain Wildlife Management Area said, "This find demonstrates the value of cooperative efforts between Texas Parks and Wildlife and Sul Ross State University to help establish a long-term archeological program at Sul Ross and to allow TPWD to assess important resources while spending fewer tax dollars."



*McHam stone cache find.*

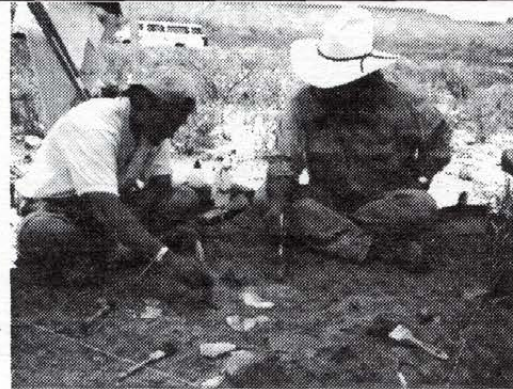
Mallouf and his students were focusing primarily on pre-historic Native American sites in the management area going back several thousands years ago. These inhabitants were nomadic hunter and gatherers who populated the Elephant Mountain area on a regular basis.

J.B. McHam's rare find of a "cache" of stone tools is scientifically significant. The Indians would purposely place the tools together for later recovery.

"This cache was a utilitarian cache as opposed to a ritual cache," said Mallouf. "There are only four utilitarian caches known to have been found in the Trans-Pecos. Caches are not commonly found by archeologists because their makers would typically place them outside of campsites in the hope that they would not be inadvertently discovered by other parties. They are usually found by farmers plowing their fields." Mallouf added, "there are not many plowed fields in the Big Bend."

"Most archeologists go through their entire careers without discovering a cache," added Mallouf. "This has been a fortunate opportunity for these students and an exciting time for J.B."

J.B. McHam was astonished with his discovery. Mallouf had lectured the students just the night before on caches and what features are indicative of a placement. "The really great part of the discovery was being able to be the first person to touch the artifacts," said McHam. "It was magical. I was awestruck by the fact that several thousand years ago someone had set these



*J.B. McHam (right) and Mike Shirey excavate cache during field school.*

tools down and I was the first human since then to pick them up and touch them. I had an immense feeling of continuity with humanity."

According to Mallouf, the cache consists primarily of pre-forms that would have later been made into dart points. He estimates the dates of the tools as being between 1000 B.C. and 500 A.D. based on stylistic attributes.

The artifacts will go to Sul Ross State University for studies of the stone technology, use-wear patterns, sources of the stone, and typological study.

Clay Brewer, Area Manager at Elephant Mountain, thinks it has been great hosting the first archeological field school to be held in a Wildlife Management Area. "The area was donated for the purpose of conservation and management of Desert Bighorn sheep and other wildlife, and wildlife oriented research. Both the University and the Wildlife Management Area benefit from the field school. Students are provided with a place to conduct archeological research in exchange for cultural resource assessments."

And what did J. Charles Kelley, a pioneer of Big Bend archeology, have to say, "I hope Bob holds his school down here again soon." He added, "I envy these young people."



*Elephant Mountain Wildlife Management Area.*



## NEWS FROM THE MUSEUM OF THE BIG BEND

### Gala Opening for Museum Set for *Trappings* show

*Trappings of Texas-1997*, Western Fine Art and Custom Cowboy Gear, has been chosen as the showcase for the Gala Opening of the "new" Museum of the Big Bend in its new quarters.

This year's show, the eleventh *Trappings*, will take place in the newly renovated Lawrence Hall February 28-March 17. The museum opening will take place Friday, February 28 at an invitation only showing for friends of the museum and Western art aficionados. Then it will open to the public at 9:00 Saturday morning.



Gary Dunshee

The new facility will include all new exhibits, four of which are expected to be installed by the opening. These are: the *Discovery Center*, new elements of which will include an entrance that incorporates a gate of native materials, a cave with rock art and prehistoric native musical instruments, animal tracks, and a touch screen computer with interactive programs on the history and natural life of the Big Bend; the *General Store*, originally housed in Marfa and owned by the Fierro family, will showcase the blending of the Hispanic and Anglo cultures in the Mom and Pop grocery industry and will include an herbal interactive; *Mission, Trails, and Springs*, will cover the *entradas* and surveys, importance of trails to trade and the development of commerce and settlement, sheep and goat farming as an outgrowth of the mission past and the importance of water and water sources in the Big Bend; *Conquistador to*

*Cowboy*, to highlight the evolution of the cowboy, introduction of the horse and cow to the Americas, the evolution of cowboy gear, Highland Hereford Association, ranches, and brands of the Big Bend. The rest of the exhibits are expected to be completed within the next 18 months.



Duward Campbell

With the staff of the museum busy designing new exhibits, a guest curator of art has been chosen to take over that portion of the show. Duward Campbell, American Indian and Cowboy Artist from Lubbock, has graciously accepted the challenge of providing Sul Ross with a new look for the show to coincide with the new look of the Museum of the Big Bend. Artists showing this year include: Wayne Baize, Steve Devenyns, Leroy Featherston, Harold Holden, Rick Jackson, Wayne Justus, Earl Kuhn, Bob Moorhouse, Gary Morton, "Shoofly" Shufelt, Joelle Smith, and Garland Weeks among others.

Of course, it just wouldn't be *Trappings* if Gary Dunshee, Big Bend Saddlery, weren't here to curate the gear portion of the show. We've got him and this year he's bringing more of the best gearmakers in the country with him. This year's show will include such celebrated craftsmen as Leland Hensley, Tom Paul Schneider, Tom Hirt, Frank "Buddy" Knight, Tom Balding, Scott Brown, Sara Hagel, Jay Hudson, Jon Allen Purselly, and Earlon Shirley among many others.

Assisting the guest curators will be MBB curator Karen Green. Karen is the publicist for the Texas Cowboy Poetry Gathering committee. If you have any questions about the show please call at 915-837-8732 or 915-837-8734.

### Heritage Walk Paved with History

Brick pavers inscribed in memory of a person or bearing a Sul Ross graduate's name and graduation date, a company's logo or a ranch brand are lining the Heritage Sidewalk in front of Lawrence Hall, the new home of the Museum of the Big Bend.

In conjunction with the 75th Diamond Jubilee Anniversary celebration of Sul Ross State University, the museum and university began the historic sidewalk project two years ago with proceeds dedicated to the museum's endowment.

Friends of Sul Ross and the museum may still purchase paving bricks. Bricks are available for donations of \$50, \$100, and \$500. Contact the museum at 915-837-8143.

### Docents Needed

The museum needs docents to lead walking tours through the Sul Ross Campus the weekend of the museum's grand opening, February 28-March 1, 1997. The walking tour will be an historical and architectural tour of the Sul Ross Campus. The tours will continue on a by-request-only basis after the grand opening weekend. Persons interested are asked to call the museum at 915-837-8143.

### EXHIBITS CALENDAR

February 28 - March 1  
*Gala Opening*

March 1 - March 16  
*Trappings of Texas*

April 12-June 2  
*Marfa Army Air Field*

April 13-May 5  
*Davis Mtn. Art League*

July 11-Sept. 1  
*AC Cook*



# CBBS CULTURAL RESOURCE MANAGEMENT PROJECTS IN THE BIG BEND

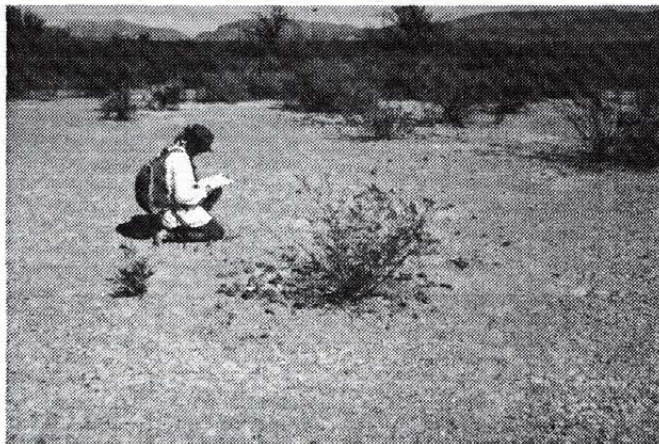
## Big Bend National Park Project

Sul Ross State University and the National Park Service, through a cooperative agreement, are sponsoring a large-scale archeological project in Big Bend National Park. Professional staff of the Center for Big Bend Studies and the park are currently involved in fieldwork and other aspects of research as part of this on-going study. Entitled "A Comprehensive Sampling of Archeological Resources in Big Bend National Park, Texas," the project involves an interdisciplinary approach to archeological and historical site inventory, assessment, interpretation, and management. An additional goal of the study involves development of a predictive capability for cultural resources throughout the park environs. Robert J. Mallouf, archeologist and director of the Center, and Thomas C. Alex, archeologist and resource specialist for Big Bend National Park, serve as Co-Principal Investigators for the study. Through an intensive, environmentally stratified archeological survey, project personnel plan to record and assess cultural resources across 12-15% of the over 800,000 acres in the park.

Initial fieldwork involves intensive (100% areal coverage) survey of 8 control quadrats (each ca. 5,000 acres; 4.5 x 4.5 km areas) or about 40,000 acres. These quadrats are judgmentally placed in order to properly sample the diverse terrain of the park. Subsequent survey work will be accomplished through the use of smaller quadrats (each ca. 500 acres; 1.5 x 1.5 km areas) that are both judgmentally and randomly placed. Fieldwork for the project was initiated in October 1995 (21 days) and continued through the spring of 1996 (40 days) with William A. Cloud, archeologist with the CBBS serving as Field Director. To date, all of Control Quadrat A (Northeast Rosillos Mountains Basin) and about 3,000 acres of Control Quadrat B (Northwest Grapevine Hills Basin) have been completed. Seventy-four archeological sites (68 prehistoric sites and 6 sites with both prehistoric and historic components) were recorded in Control Quadrat A, while 81 sites (74 prehistoric sites and 7 sites containing both prehistoric and historic components) were recorded in Quadrat B. Temporally diagnostic artifacts indicate a human presence in both of these areas from Early Archaic times (ca. 6,000 years ago) to the recent historic past. Analyses of the data recovered is ongoing and plans are to continue fieldwork in November and December 1996 (20 days). It is anticipated that the project will take from 7-10 years to complete.

## Big Bend Ranch State Park

The Center for Big Bend Studies (CBBS) recently completed an archeological reconnaissance within Big Bend Ranch State Park for the Texas Parks and Wildlife Department. This reconnaissance, with Robert J. Mallouf of the CBBS serving as Principal Investigator and Joseph M. Sanchez (on contract with the CBBS) as Project Archeologist, focused on the western rim of Fresno Creek and on both the Encino and Los Alamos cattle pastures near the northeast edge of the park. The CBBS recorded



*Joe Sanchez, Assistant Field Director, recording a fire-cracked rock scatter in Big Bend National Park.*

sites in these areas while documenting cattle and visitor related damages to the archeological manifestations. With the fieldwork complete, 37 sites have been recorded. These sites consist of prehistoric open campsites, rock cairn sites, a rockshelter, lithic scatters, a historic ranch house, and a historic dam site. Temporally diagnostic artifacts recovered indicate a human presence in the area from Early Archaic times (ca. 6,000 years ago) to the late twentieth century. A report of findings will be completed by late Spring 1997.

A CBBS project conducted earlier in the Spring of 1996 involved an archeological assessment of new designated public campgrounds in Big Bend Ranch State Park. Termed "interior primitive campsites" by the Texas Parks and Wildlife Department, areas in and around each campground were subjected to intensive survey to determine the presence/absence and condition of archeological resources. Field Director for this project was Joseph Sanchez, and Robert J. Mallouf served as Principal Investigator. A report of findings, authored by Sanchez and entitled "An Interior Primitive Campsite Survey in Big Bend Ranch State Park, Presidio County, Texas" was issued by the Center in February, 1996.

## Elephant Mountain Wildlife Management Area

An archeological assessment involving mapping and site testing of a proposed public campground along the bank of Calamity Creek was carried out in May, 1996 by Robert J. Mallouf, William A. Cloud, and participants of the SRSU summer archeological field school. Findings from this work are described in a report authored by Cloud entitled "Elephant Mountain Wildlife Management Area Campground Project, Brewster County, Texas" that was issued by the CBBS in June, 1996. Robert Mallouf served as Principal Investigator for the project.



## CULTURAL RESOURCE PROJECTS (CONT.)

### City of Alpine Sewer Line Project

The Center for Big Bend Studies (CBBS) has negotiated a contract with the City of Alpine to provide archeological work for a sewer line upgrading project. William A. Cloud of the CBBS will serve as Principal Investigator for the project, which is expected to be initiated by next spring. The CBBS will conduct surface and subsurface investigations along the length of the proposed sewer line in order to provide archeological clearance for the project.

## CBBS MAILING LIST

We have recently converted our mailing list to a new computer program and seek your assistance in verifying its accuracy. Please inspect the name and address on your mailing label for any errors or omissions, and let us know of corrections needed by calling us at 915-837-8179; by mailing the corrections to Center for Big Bend Studies, SRSU Box C-71, Alpine, TX 79832; or e-mailing us at [rhughes@sul-ross-1.sulross.edu](mailto:rhughes@sul-ross-1.sulross.edu). Please notify us if your address or status should change at any time in the future, as well. Thank you for your cooperation.

## CBBS AND RANGE ANIMAL SCIENCE SPONSOR RESEARCHERS

In March, 1996, the Center for Big Bend Studies and the Turner Range Animal Science Center at Sul Ross State University co-hosted a lecture on "How Horses Were Utilized at Botai (3,600-2,900 B.C.), Northern Khazakistan and the Archeological Evidence of Early Horse Domestication," followed by a flintknapping demonstration.

Dr. Sandra Olsen, Associate Curator of Anthropology at the Carnegie Museum of Natural History, and Dr. Bruce Bradley, world renowned specialist on prehistoric butchery, stone tool and weapon making, and use-wear, assisted by Robert J. Mallouf and Martin Estrada of Sul Ross State University, conducted an experimental butchering of a horse (that died of natural causes) using only stone tools that Dr. Bradley had manufactured. They hoped this experiment would demonstrate use-wear patterns on the stone tools and butchering marks on the bones that could be compared with artifacts found by archeologists at Botai, Khazakistan.

"This was an unparalleled opportunity for Sul Ross students and the general public to learn about archeological research activities in other parts of the world and to experience practical applications of prehistoric stone technology," said Center for

Big Bend Studies Director Robert Mallouf. Mallouf added, "This interesting and significant experiment came about as a result of interdisciplinary cooperation both inside and outside of the university. It is a good example of what can be accomplished in short order and for limited cost by a group of cooperating scientists and staff."

The stone tools used in the experiment were taken back to the Carnegie Institute to compare with Old World assemblages. Both Dr. Olsen and Dr. Bradley expressed their appreciation to Sul Ross and Alpine for making their trip so enjoyable and productive.



*RAS instructor Martin Estrada, R. Mallouf, S. Olsen, B. Bradley.*



*Dr. Bruce Bradley and Dr. Sandra Olsen comparing butchering marks on horse bones.*



*Robert Mallouf and Dr. Olsen using stone tools to butcher a horse.*



## BOOK REVIEW

by Franklin W. Daugherty\*

***Utmost Good Faith: Patterns of Apache-Mexican Hostilities in Northern Chihuahua Border Warfare, 1821-1848***

by William B. Griffin, University of New Mexico Press,  
337 pp. \$40.00

This book deals with relationships between the Apache Indians (mostly Mescaleros with some Chiricahuas) and Mexicans in Chihuahua and southern New Mexico in the period between the independence of Mexico from Spain in 1821 and the Treaty of Guadalupe Hidalgo, which ended the war between Mexico and the United States in 1848. This treaty resulted in the loss to Mexico of Texas, New Mexico, Arizona, and California, an area over which the Mexicans had only nominal control. After the virtual extinction of indigenous tribes in northern Mexico during the Spanish colonial era, the void was filled by Apaches who were pushed southward by Comanches, the latter having expanded their territory from an ancestral home in the Rocky Mountains and plains. In the latter part of the colonial period, relations between the Spanish and the Apaches were relatively tranquil because of the creation of the *establecimientos de paz* at presidios or forts. As a means of minimizing hostilities, the Spanish issued

rations to peaceful Indians and established schools in an attempt to inculcate in them the Spanish way of life as peaceful agriculturalists.

This policy ended in 1831 when rations were discontinued by the young Mexican nation because of the expense involved, and because of the failure of the system to convert the Indians to a new way of life. This led to a predictable increase of hostilities, and during the ensuing 17 years, relations between the two peoples were punctuated by campaigns against the Indians alternated by short-lived periods when issuance of rations was once again reinstituted.

This book is an excellent summation and analysis of the changing flux of relations between the two peoples during the period 1821-1848. These relations persisted until the early 1880s when the Apaches were either exterminated, expelled to the United States where they were placed on reservations or absorbed in the blood stream of the Mexicans. The book is enhanced by a lengthy table which enumerates Indian encounters during the period 1832-1849.

*\*Franklin Daugherty, Ph.D., a retired professor of geology from West Texas A&M University, lives in Alpine and is a member of the Advisory Council and Executive Committee of the Center for Big Bend Studies.*

## 1996 ANNUAL CONFERENCE SESSIONS

### Session I

**William A. "Andy" Cloud**

A Comprehensive Sampling of Archeological Resources in Big Bend National Park, Texas: A Status Report

**Robert J. Mallouf**

Prehistory at Elephant Mountain, Brewster County, Texas

### Session II

**J. David Ing**

Rock Art of Big Bend Ranch State Park

**Terry Sayther**

*Acebuches y Cueva de la Aguila*

**Kay Hindes**

Discovery and Archeology of Mission San Sabá, Menard County, Texas

### Session III

**Franklin Daugherty (presenter), Elizabeth de Sellers, David Riskind**

Mexican Colonel Emilio Langberg's 1851 Expedition across the Desplado from San Carlos, Chihuahua, to Monclova el Viejo, Coahuila

**John Stockley**

Update on Monclova Viejo Based on Langberg's Diaries

**Al Kinsall**

Before the Thundering Hordes: An Ancient Parras History

### Session V

**Solveig Turpin, Presented by Frank Garcia**

The Prehistoric Serta-Sleeper: A Look at Middle Archaic to Late Prehistoric Bedding from Northern Coahuila and Southwest Texas

**Gerald Raun & Glenn Willeford**

Painted Camp Pictographs: Preliminary Report on an Undisclosed Site in Northeastern Chihuahua

### Session VI

**Felipe De Ortego y Gasca**

Pancho Villa and the Mexican Revolution in the Borderlands: Brownsville to Tijuana

**Michael Ritchie**

Poetry from the Middle Corridor

### Session VII

**Russell Drake**

The Killing of Will Babb

**George Herrmann**

Brian Montague: A Frontier Lawyer

**Betty Dillard & Karen Green**

Voices of *La Frontera*: Pioneer Women of the Big Bend Tell Their Stories

### Session VIII

**Tim Bockes**

Authoritarianism, Individualism, and Ethnicity: A Regional Analysis

**Jay Downing**

Authoritarianism, Value Importance, and Attitudes Toward Social Issues

**Guy Manaster & Jane Manaster**

Adolescence in Trans-Pecos Texas: Distance and Closeness

### Session IX

**Ruben Osorio "The Lost Revolution"**

### Session X

**Neil Mangum**

A Civil War Enigma in Big Bend: The Reuben Mays Massacre

**Ben E. Pingnot**

*Colonel "Winker" Valdés: El azote de los Indios*

**Ira Y. Blanton, Jr.**

La Junta de los Ríos: The Origin and Development of a Spanish Frontier Presidio

### Session XI

**Gilda Baeza Ortego**

Information Transfer across International Borders: The Aftosa Case

**Nina Nixon-Méndez**

The Development of a City Preservation Plan Based on the Historical Analysis of Urban Settlement Patterns in Laredo, Texas

**Paul Wright**

Social Characteristics of Mining in the Early Big Bend

### Session XII

**JoAnn Pospisil**

Big Bend Christmas Composite: Recollections of Christmas

**Freida Rogers**

Kate Anderson, Frontierwoman

**Al Tucker**

Marfa and Mariposa Mines

### Session XIII

**Tom Alex & Betty Alex**

Use of the Geographic Information System in Spatial Analysis of an Environmental Zonation for the Comprehensive Archeological Survey of Big Bend National Park

**Ed Baker**

Quaternary Geomorphology and Archeological Survey Data in the Southernmost Big Bend



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