

Jan. 10 — Jan. 14, 1977

Date	Stories and Cutlines	Locals	Reg. Dail	Reg. Week	50 M's	Hometowns	Selected	Explanation
1-1-10-77	Mesquite Transpiration	✓	✓	✓				Agri. List
2-1-10-77	Money	✓						adj. COs. Textile List Selected cities
3-1-10-77	Organ Recital	✓	✓	✓	✓			
4-1-10-77	Ad Schools	✓	✓		✓			25 - Billy Ross mass Selected cities comm. List
5-1-10-77	Guadalupe Water Study	✓						Selected cities
6-1-10-77	Ragatz	✓						adj. COs Selected cities
7-1-10-77	Bassoon Recital	✓						Selected cities
8-1-10-77	NMSU Lab Band	✓						
9-1-10-77	UC-MB Opening	✓	✓	✓				
10-1-10-77	Senior Citizens	✓						media adj. COs.
11-1-11-77	19th Century	✓						adj CO.
12-1-11-77	Autograph Party	✓						adj. CO. Selected cities
13-1-12-77	Planetarium	✓						adj. CO Selected
14-1-12-77	Docents	✓						adj. CO. Selected
15-1-12-77	Public Service - Organ	✓	Radio	✓				
16-1-12-77	Smithsonian film	✓						adj. CO. Selected
17-1-12-77	Spanish Class	✓						adj. CO Selected
18-1-12-77	UC entertainment	✓	Radio	✓				

Did not go

Jan. 10 - Jan. 14, 1977 continued

[illegible]

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: Prabhu Ponkshe

LUBBOCK--- In dry years mesquite control near streams and lakes can add profits through increased water yields.

Research indicates that the deep tap root system in mesquite consumes soil moisture during dry years to keep the brush alive. The tap roots, however, do not perform any important functions during wet years.

Studies at Texas Tech University have investigated the water consumption habits of mesquite as a measure of transpiration losses--- moisture lost through leaf surfaces.

"However, mesquite control can result in loss of wildlife habitat. That is important to the ranchers since most of them lease hunting rights on their land. But we do not know how the economics of hunting leases compares with increased forage through water yields," one Texas Tech researcher said.

That will be a separate study, according to Dr. Ronald E. Sosebee, range and wildlife management researcher at Texas Tech.

Sosebee recently completed two separate studies on mesquite transpiration. He studied environmental influences and plant characteristics as they affected transpiration.

-more-

Transpiration rates were studied from trees growing on a sandy loam soil. Half the trees were irrigated and half received only rain or snow. Other trees were selected that were naturally watered from shallow water and still others on naturally dry sites.

"Where a supplemental source of water exists, like a stream or lake, our work indicates that it is profitable to control mesquite for water yields during dry years," Sosebee said.

The studies were conducted during 1974 and '75.

"During the first year when soil water was limited, there was a significant difference between transpiration rates of trees with cut and uncut tap roots on the non-irrigated site. The next year there was more precipitation and there were no significant differences in apparent transpiration," Sosebee explained.

Trees on the irrigated site never showed significant differences between those with cut and uncut tap roots, he added.

Transpiration rates followed a distinct daily pattern on both wet and dry sites. It started very slowly about sunrise, increased to a maximum rate about noon and decreased slowly the remainder of the day until a sharp decrease started two hours prior to sunset. The transpiration of trees growing where soil water was limited peaked earlier than noon and the rate decreased much more rapidly throughout the remainder of the day.

Results of the two studies are discussed in the "1976 Noxious Brush and Weed Control Research Highlights" published by the College of Agricultural Sciences.

The studies were funded by the State legislature.

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

ATTN: Agricultural Editors

FOR RELEASE AFTER 12 NOON, TUESDAY, JAN. 11

Atlanta -- It may be that it's the quality of cotton dust and not the quantity that irritates human lung tissue or is a possible cause of byssinosis, an occupational disease affecting persons who work in cotton textile mills.

With others from the Department of Chemical Engineering and the Texas Tech Textile Research Center, Dr. Philip R. Morey of the biological sciences faculty at Texas Tech University has been studying the quality of cotton industry dust.

His studies are supported by Cotton Incorporated and the Natural Fibers and Food Protein Commission of Texas.

The agent causing the problem, Prof. Morey said, originates in the vegetable trash incorporated into harvested seed cotton and not from the lint fiber itself.

"Hazard at the work place," he said, "would be most accurately measured by the concentration of an active agent in the dust rather than by mass concentration or weight of the dust."

-more-

Morey and his co-researchers are not sure what agent might cause disease, but they are looking at a variety of extremely small particles of cotton trash -- especially fragments of cotton bract, cotton leaf and of certain weeds present in baled cotton that arrives at the textile mill. Bract is a portion of the plant immediately under the boll. It is leaflike in appearance.

"The vegetable dusts emitted during processing at the textile mill can be expected to be composed of the pulverized or micronized remains of these plant parts," Morey said. "We believe that chemicals present in or on these particles in dust are the troublemakers."

The same particles, but in reduced amounts, he said, could be found in the dusts emitted during raw handling, cleaning, delinting and other processes at a cottonseed oil mill and also in the cotton batting industry.

"It is very difficult," he said, "for these almost infinitesimal particles to be completely removed from the lint. Although they are extremely small, we believe their chemical composition is important to know in order to devise protection for textile mill workers in contact with the dust."

Morey's research is related to determining which of the dust particles might be a health threat.

He reported on his research at the 1977 Beltwide Cotton Production Research Conference and Special Meetings being held Jan. 10-12 in Atlanta. Morey's papers were presented at the 31st Cotton Physiology Conference and also at a special session on cotton dust.

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

SUGGESTED RELEASE DATE: SUNDAY, JAN. 16

LUBBOCK -- The first in a series of recitals on the Holtkamp Organ in the new University Center-Music Building Recital Hall at Texas Tech University will take place Jan. 23, when the building is dedicated.

Dr. Judson D. Maynard of the university music faculty will perform on the organ brought to Texas Tech through the gift of \$75,000 from Mrs. Tommye A. Moss of Odessa.

Maynard's recital, which will range from Mozart to the unusual "Volumina" as revised by composer Gyorgy Ligeti in 1966, is open to the public at no charge. It will begin at 8:15 p.m.

The Recital Hall was constructed especially to provide proper acoustics for the 28-foot tall organ, with a range closely matched to the human ability to hear.

The organ was built about a decade ago by Walter Holtkamp, who installed it first at Oberlin College in Ohio. When that institution decided to sell the organ, Mrs. Moss, well known for her interest in music education, purchased it for Texas Tech and arranged for it to be moved and installed by Holtkamp.

It is similar to Holtkamp's organ housed at the Air Force Academy in Colorado Springs. It has 81 ranks, or instrumental voices, and 4,484 pipes. The smallest is pencil size.

-more-

The organ dedication recital will not take place until Feb. 13.

Maynard's recital will include "Finale (Symphony No. 1)" by Louis Vierne, "Te Deum Laudamus" by Dietrich Buxtehude, "Fantasia in F Minor (K.608)" by Wolfgang Amadeus Mozart, "Prelude and Fugue on B-A-C-H" by Franz Liszt, "Song of Peace" by Jean Langlais, and "Volumina," which will require two assistants in addition to the organist.

Maynard is head of the organ department at Texas Tech. He holds degrees from the University of Montana and the doctoral degree from Indiana University.

Dedication of the building will take place at 7 p.m., and preceding the ceremony, at 6:30 p.m., Gail Barber of the Texas Tech music faculty will perform in a harp concert in the courtyard.

She was graduated from the Eastman School of Music with Highest Distinction and the Performer's Certificate in Harp. She has been a member of the Rochester Philharmonic Orchestra, Eastman Philharmonic Orchestra, Eastman Philharmonia, Chicago Little Symphony, the Waco, Midland-Odessa and Lubbock symphony orchestras and has taught at Furman and Baylor universities.

CONTACT: B. Zeeck

cutlines -----

ORGAN RECITAL -- Dr. Judson Maynard of the Texas Tech University music faculty performs at the console for the Holtkamp organ newly installed in the Recital Hall of the University Center-Music Building. Maynard's recital at 8:15 p.m. Sunday, Jan. 23, will be part of the dedication of the newly completed addition to the University Center and Music Building. The concert is open to the public at no charge. (TECH PHOTO)

-30-

3-1-10-77

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

LUBBOCK--Check the want ads. Read the billboards. Pause for the commercials.

Advertising is as American as green apple pie, but the recipe for success in the field calls for study. Eighty-one colleges and universities in 40 states offer programs in advertising.

The 1977 edition of "Where Shall I Go to College To Study Advertising?" provides a description of all 81 programs.

The booklet is edited and published annually by Dr. Billy I. Ross, chairman of the Department of Mass Communications at Texas Tech University, and Dr. Donald G. Hileman, dean of the College Communications at the University of Tennessee-Knoxville.

Thirty-six per cent more students are studying advertising than in 1973, an increase of 2,308 for a total of 8,739 students in 1976-77 academic year. Total enrollment in advertising programs increased by 69 or 1 per cent over 1975-76, and 414 of the 8,739 students in 1976-77 were pursuing graduate studies.

Michigan State University has the largest enrollment in advertising, 463 students. That university also granted the most degrees in 1976 with a total of 143. There were 2,591 who received degrees last year, a drop of 154 students or 5.5 per cent since 1975.

-more-

advertising schools / add 1

Faculty teaching advertising has remained about constant since 1973, with 296 that year and 294 in 1977. The University of Missouri has the largest faculty, 16 members.

At 15 schools an advertising student can earn the doctoral degree. Twenty-eight offer the master's degree, and the remainder offer only the bachelor's degree for students in advertising.

There are 67 programs within journalism-mass communications schools, nine in business-marketing schools and five in both business and journalism schools.

Fifty-five programs are called advertising "sequences," which is a term used most often in the journalism-mass communications programs, while 22 programs are "majors," which compare with other major programs such as English or history, on college campuses. Six titles appear as option, emphasis, specialization or concentration.

Twenty-one advertising programs are accredited by the American Council on Education for Journalism. The American Association of Collegiate Schools of Business accredits another 13.

Copies of the booklet are available through Advertising Education Publications, 3429 55th St., Lubbock, Tex 79413.

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

ATTENTION: Outdoor and Travel Editors

LUBBOCK -- Water is the lifeblood of the desert and near desert lands of America's Southwest. With a rapidly increasing population and consequent drastic changes in types and intensity of land use, hydrologic effects cause great concern.

As one of the nation's newest national parks in the Guadalupe Mountains is developed for recreational use, there is a need to know what will happen to the water resources in within the delicate ecology of its 77,000 acres.

A Texas Tech University research team headed by Dr. Ernest B. Fish of the Department of Park Administration, Landscape Architecture and Horticulture and Marvin J. Dvoracek of the Department of Agricultural Engineering has been named to monitor the effects of increased recreational use.

The study is unique in that other research has concentrated on changes only after land use has been intensified. In the Texas Tech project there will be documentation of watershed characteristics before development and monitoring of changes that occur during the course of development.

-more-

The project is supported by a \$100,000 grant from the U.S. Office of Water Research and Technology. Objectives include studies of relationships between the soil, vegetation, geological characteristics and development and the climate. Researchers will study effects of current land use on these relationships and past changes in vegetation and erosion.

The approach will be statistical. Information will be collected, computerized and used as a basis for extending the results to give the researchers clues as to what can be expected to change in the park as increasing numbers of visitors hike and camp in the park.

"There are unusual and even unique species of plant and animal life in the park," Dvoracek said. "If water is diminished or polluted, these are endangered. We hope our study can help in development planning to allow maximum recreational use without destruction of the unusual and beautiful qualities of Guadalupe National Park."

Initial phase of the study has begun. This involves a complete analysis of the park, with aerial photos and available maps of topography, vegetation and soils, supported by field reconnaissance and checking.

In addition to gathering of scientific data, the team will interview older residents of the area, review newspaper accounts of floods, washouts or other unusual natural phenomena, determine ages of trees growing in and near arroyos and gather other historical data.

Guadalupe Mountains National Park is between El Paso and Carlsbad, N.M., in the southern end of the Guadalupe Mountains in Southwest Texas.

In addition to the principal investigators those associated with the research will include: Dean Anson R. Bertrand of the College of Agricultural Sciences; Dr. B. L. Allen, Department of Plant and Soil Sciences; Dr. Billie E. Dahl, Department of Range and Wildlife Management; Dr. James W. Kitchen, Department of Park Administration, Landscape Architecture and Horticulture;

guadalupe / add 2

Dr. C. C. Reeves, Department of Geosciences, all of Texas Tech University;
and Dr. Gary Ahlstrand, research ecologist of the National Park Service,
and Donald Dayton, superintendent at Guadalupe Mountains National Park,
National Park Service.

-30-

5-1-10-77

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

LUBBOCK -- Dr. Oswald Ragatz, chairman of the Organ Department at Indiana University School of Music and acclaimed both in the United States and Europe for his concerts, will present an organ recital at 8:15 p.m., Monday, Jan. 17, on the newly installed Holtkamp organ at Texas Tech University.

The recital in the University Center-Music Building Recital Hall is open to the public at no charge.

"Buxtehude, Model for the young J.S. Bach" is the theme of the concert, and the recital program includes four numbers each by the Swedish and German composers.

From Dietrich Buxtehude's work he has chosen "Praeludium, Fugue and Ciacona," "Fugue in C Major" (the Gigue Fugue), "Passacaglia in D Minor" and "Toccata in E. Minor."

From Johann Sebastian Bach he has chosen "Fantasie in G. Major," "Fuque in G Major," "Passacaglia in C Minor" and "Toccata in E Major."

Ragatz' concertizing has taken him from coast to coast, and he frequently conducts master classes and workshops for colleges and American Guild of Organists groups. He has also received acclaim in Copenhagen and Koln, Germany. In Europe he did coaching with Marie Claire Alain and Jean Langlais in Paris and with composer Hermann Schroeder in Koln.

His book, "The Fundamentals and Art of Organ Playing," was published last year.

-more-

Ragatz twice was chosen a guest organist for the annual conclave of deans and regents of the American Guild of Organists.

In 1956 he received one of the highest honors extended an American organist by being asked to be a feature artist for the national convention of the guild in New York. He has appeared on four national convention programs of the Music Teachers National Association as well as at numerous regional conventions of the guild as recitalist and lecturer.

Ragatz earned the doctoral degree at the University of Southern California. He holds degrees also from the University of Denver and Eastman School of Music and has done graduate work at Union Theological Seminary School of Sacred Music and the Juilliard Graduate School.

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

LUBBOCK -- An unusual concert of bassoon music will take place in Odessa Jan. 13 and in Lubbock Jan. 16.

Participating in the recital will be Richard Meek, professor of bassoon in the Department of Music at Texas Tech University and also first bassoonist for the Lubbock and Roswell symphonies; Carol Meek, private instructor of bassoon in Lubbock; Gail Buzzard, first bassoonist of the Midland-Odessa Symphony and instructor of woodwinds for Odessa public schools, and Mark Rogers, graduate student at Texas Tech University.

The recital will be presented first at Odessa Junior College Jan. 13. It will be repeated at 3 p.m., Sunday, Jan. 16, in the Recital Hall of the Univesrity Center-Music Building at Texas Tech.

The participants will perform as soloists and also as a quartet.

Recital selections include: "Concerto in B flat" by Mozart; "Romance," Edward Elgar; "Sonate," Hindemith; "Fortuna," Greiter-Miller; "Fugue in G Major," Bach, as arranged by Mark Rogers, "Bassoon Quartet No. 1," Rodney Winthor; and "Last Tango in Bayreuth," Peter Schichele.

-30-

7-1-10-77

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

LUBBOCK--The New Mexico State University Lab Band will present its first Lubbock performance at 8:15 p.m., Sunday, Jan. 16, in the Recital Hall of the University Center-Music Building at Texas Tech University.

Director Sam Trimble, former trumpeter with Stan Kenton, said that the concert will include arrangements from the libraries of Stan Kenton, Glenn Miller, Les Hooper and other famous contemporary musicians.

-30-

8-1-10-77

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

SUGGESTED RELEASE DATE: Sunday, Jan. 16

LUBBOCK -- A weeklong extravaganza of entertainment, ranging from classical music to biliard tournaments and disco dancing, will take place at the dedication and grand opening of Texas Tech University's unique University Center-Music Building, Jan. 23-29.

This addition, which joins the center and Music Building and was built at a cost of approximately \$5.2 million, has a 1,000-seat theater, a 600-seat recital hall with a Holtkamp organ, and a 100-seat mini-theater.

There is also a colorful courtyard lounge area used regularly for daytime, informal concerts and by craftsmen in residence.

The addition adds 60,000 square feet to the University Center and 50,000 to the Music Building.

The dedication will take place in the courtyard at 7 p.m., Sunday, Jan. 23. Ceremonies will be preceded and followed by concerts.

The public is invited to a courtyard harp concert at 6:30 p.m., when Gail Barber will perform and to the organ recital of Dr. Judson Maynard, starting at 8:15 p.m. in the Recital Hall. There is no charge for these concerts.

For those who want motion picture entertainment, the Center Theatre will be showing "That's Entertainment," featuring 75 stars in musical vignettes, on Jan. 23.

-more-

For children the grand opening begins even earlier, at 3 p.m., when Bill Vanaver and Livia Drapkin present a children's music and folk dance workshop in Center Theatre.

Courtyard craftsmen for the week will include several from Lubbock Stained Glass Studio, as well as metal sculptor Steve Kimberlin, glass blower Bill Bagley. A dyeing and waving demonstration will also be presented.

Courtyard concerts will include a Monday performance, from 12 noon-1:30 p.m., of the Now Group, a faculty chamber music quintet and a student string quartet; Tuesday, during the same time, a concert presented by the Tech Music Theater and the Faculty Woodwind Quintet; Wednesday, from 11 a.m.-1 p.m., master story teller and guitarist Bobby Bridger; Thursday, from 12 noon-1 p.m., music and dance by Vanaver and Drapkin; Friday, 12 noon-2 p.m., a classical guitar ensemble directed by Jim Bogle of the Texas Tech music faculty.

Other special events include Bertrum Minkin as a poet-in-residence, performing at 8:15 p.m., Monday, in Center Theatre. Noted for his translations of modern Greek and Byzantine Greek poetry, he is author of "The Horses of Achilles" and "Greek Fire."

Balcones Fault, chosen by "Texas Monthly" as the "best showband in Texas," will perform in the Center Theatre at 8:15 p.m., Tuesday.

Wednesday, at 7 p.m., Jim Hardin will direct a disco dance class in The Well, a large underground room which will be decorated and furnished to serve as a coffeehouse pub. At 8 p.m., Cinamatheque will present the Alfred Hitchcock film "The Lady Vanishes."

Thursday, Jan. 27, is to be James G. Allen Day at the University Center, honoring Prof. Emeritus Allen who, in 1928, recommended that there be a facility on campus for recreational and leisure services. Although the first recreation hall was not opened until Sept. 19, 1949, in three war surplus barracks, Allen continued to work for the construction of the center. The Texas Tech Union he envisioned opened as a permanent, full-service union building March 10, 1953. Allen served as dean of Student Life before his retirement and still serves as executive director of the Texas Tech Dads Association.

On Allen Day, at 8:15 p.m., Bill Vanaver and Livia Drapkin will present a concert in Center Theatre, "The Coming Together of Music and Dance."

At 4 p.m., Thursday, Texas Tech President Cecil Mackey will meet students during a coffee in the courtyard.

On Friday, at 8 p.m., the film "Dr. Zivago" will be showing in Center Theatre. The big event Saturday is a 7:30 p.m. dance featuring the Dallas band, "Fresh."

During the week, from 10 a.m. to 4 p.m. daily, there will be a videotape showing of the "History of the Beatles" in the west wing of the building.

During the week, for students, there will be the Pinball Wizard Tournament and half price on pool and billiards.

In addition, University Center Programs will sponsor the local qualifying tournaments for the Association of College Unions-International, Regional Games Tournament in bowling, pocket billiards, table tennis, chess and duplicate bridge.

There will be a pizza-eating contest Wednesday, Jan. 26, and food give-aways as refreshments during several of the noon hour concerts.

③ 1/12/77

CONTACT: B. Zeeck

cutlines.....25 for regional dailies

NEW SCENE -- The newly completed addition to the University Center-Music Building at Texas Tech University provided a new scene at Christmas. For the first time there was space for an 18-foot Christmas tree with room to spare. The courtyard which connects the two buildings is used for informal concerts, craftsmen's workshops, other displays and programs and, of course, as a reading and meeting area. The new addition will be dedicated at 7 p.m. Jan. 23. (TECH PHOTO)

-30-

9-1-10-77

OK
JFB

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

LUBBOCK--College students, 65 years old or older, get a break at Texas Tech University. They pay no tuition or fees and may audit any course the university offers, providing there is space in the classroom.

The Division of Continuing Education, which arranges for counseling and registration for senior citizens, said Tuesday (Jan. 11) that the best times to register are Jan. 17 and 18.

"By then we know which classes are filled and which are available to older students," said Dr. Michael Mezack, associate dean of the division.

Mezack said growing numbers of older citizens are taking advantage of the free coursework. When auditing, students attend all classes and have the advantages of lectures and guided reading, but they do not participate in class discussions or take examinations.

To obtain counseling or to register for classes prospective students should make inquiries at Building X-15 on the Texas Tech campus, located across the street from the Municipal Auditorium parking lot, Monday or Tuesday (Jan. 17 and 18) from noon to 8 p.m.

-30-

10-1-10-77

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

ATTENTION: FINE ARTS EDITORS

LUBBOCK--Gowns like gossamer---some of heavy brocade, others of velvet, all of them elegant and elegantly made---will be placed on exhibit at The Museum of Texas Tech University Sunday, Jan. 16, in a display entitled "Elegance in the 19th Century."

Mrs. Betty Mills, Museum curator of costumes and textiles, said that there have been few periods to excel the elaboration of ladies' fashions of this "Gilded Age" and the exhibit is a tribute to the seamstresses of the era as well as to the lavish styles.

The nucleus of the exhibit is a recent collection given by Mr. and Mrs. L. M. Allison of Farmington, N.M. Other gowns to be shown include a shell pink brocade reception gown of the 1870s and a silk striped polonaise walking dress, both worn by Grace Pack, daughter of a Michigan lumber baron, and given by Mr. and Mrs. Harold L. Russell, Lubbock.

Two wedding dresses, one from 1849 and another from 1899, will be included. The 1899 dress was worn by the late Mrs. Ewing Halsell, whose husband's ranching family is to be honored at The Museum Jan. 23.

To be included will be two children's costumes, a boy's Little Lord Fauntleroy suit of velvet with a silk shirt and a girl's dress of the 1890s.

-more-

"Many of the costumes," Ms. Mills said, "are of dark, rich colors. But several are ivory, and there is a wrap of Persian blue and a vibrant coral "elocution dress."

One is of "silver tissue," a fabric which combines silk with a metallic coated thread, to give a gossamer effect. It is elaborately embroidered and has additional accents of silver spangles and lace.

Laces, braids and the elaborate trim called "pessementerie" decorate these gowns. Some of the lace is Battenberg or Renaissance, both highly prized, handmade decorations of the period.

"Most of these beautiful creations were worn by a cultured lady who was said to be the first woman to earn the doctoral degree in psychology from the University of Heidelberg in the 1880s," Ms. Mills said. "As the wife of the multi-millionaire grain operator, Baron Steuben Barnes, she was a leader of St. Louis society.

"Their daughter was Edith Barnes Mason, a celebrated opera singer who was coached by Puccini and Toscanini and sang with the Metropolitan and Chicago opera companies as well as with others in Europe."

The exhibit includes garments of both mother and daughter.

Each garment is a work of art in design and execution, Ms. Mills said. More than a score will be on exhibit through Feb. 27.

A few select pieces of 19th century furniture are added to the exhibit to set the mood for the costumes.

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

SUGGESTED RELEASE DATE: SUNDAY, JAN. 16

LUBBOCK--A family whose philanthropies are widely known in Missouri, Oklahoma and Texas will be honored Sunday, Jan. 23, by the Ranching Heritage Association. The Association will serve as host for an autograph party for the book, "A Ranching Saga: The Lives of William Electious Halsell and Ewing Halsell."

The public is invited.

The book was written by Dr. W. Curry Holden, professor emeritus of history at Texas Tech University. The autograph party, 3-5 p.m., will take place in the David M. Devitt and Mallet Ranch Building of the Ranching Heritage Center of The Museum of Texas Tech University.

On exhibit at the same time will be drqwings of Jose Cisneros, which illustrate the two-volume chronicle of the two Halsells, father and son.

Expected to be present are members of the Halsell family from Kansas City and numerous people who worked for them over the years.

-more-

autograph party/add one

Election Hallsell got his ranching start as a hand for his brother-in-law, Dan Waggoner, in the last half of the nineteenth century. He eventually moved to Indian Territory in Oklahoma and made his home in Vinita. He also founded the town of Amherst in Lamb County in West Texas. His son Ewing established his own Big Creek Ranch in Oklahoma, managed the West Texas Spring Lake Ranch for his father and later for himself and his sisters, and finally established a South Texas spread at Farias between Carrizo Springs and Eagle Pass.

The family's philanthropies have included educational and cultural institutions and churches. The Hallsell Foundation was the first contributor to the establishment of the Ranching Heritage Center, a 12-acre outdoor exhibit of authentic ranch structures restored to depict the history of ranching in the American West.

Ewing Hallsell also took particular interest in the Claremore, Okla., memorial for humorist Will Rogers, who learned to rope with Ewing and who was a lifelong friend.

Serving as hosts and hostesses for the autograph party will be the Executive Committee of the Ranching Heritage Association and Mr. and Mrs. Johnny Murrell of Earth. Murrell was a ranch manager for Ewing Hallsell, who died in 1965.

Holden was acquainted with Ewing Hallsell. His book is drawn from personal knowledge, extensive records of the Hallsell Collection, oral reminiscences, newspaper accounts, legal documents, correspondence and by personally traveling the trails the Hallsells followed.

autograph party/add two

It was published last fall by Trinity University Press,
San Antonio.

Cisneros' drawings will be on exhibit in the Mallet Building
during the autograph party, and then the exhibit will be moved
to The Museum of Texas Tech University for showing until mid-March.

-30-

12-1-11-77

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

LUBBOCK -- Earth people have discovered a whole new solar system in the last dozen years through specialized radio and optical telescope observations, space probes in unmanned satellite explorations and trips to the moon.

A new program, beginning Saturday Jan. 15 at Moody Planetarium of The Museum of Texas Tech University, will explore the new pictures that scientists can now give concerning the solar system and the new techniques that make these possible.

Planetarium shows are provided for the public each Saturday and Sunday at 3 p.m. Tickets are \$1 for adults and 50 cents for students. Shows are not of interest to pre-school children.

Ronald Johnston, director of the planetarium, has developed the program, "Portraits of the Planets," to survey the exploration of the solar system accomplished over the last 12 years. Emphasis is on new knowledge man has gained through new techniques.

Space probe explorations of the future will be discussed in terms of what new information can be gained about each planet target.

The program will be shown on weekends through Feb. 27.

-30-

13-1-12-77

TexasTech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

LUBBOCK -- Sherry Kafka Wagner, director of Project Cityscape for the Southwest Educational Development Laboratory in Austin, will serve as consultant for a docents' workshop at The Museum of Texas Tech University Thursday and Friday, Jan. 13-14.

An evening program at 7:30 p.m., Thursday, is open to the public at no charge and will deal with "The Museum, a Place for Learning." Lubbock public school teachers have received special invitations to this meeting.

Mrs. Betty Rhea Moxley, coordinator for museum public programs at the Texas Tech institution, said the 40,000 school children were given tours of The Museum last year. These come from as far away as Amarillo, Big Spring and eastern New Mexico, she said, but most are from the Lubbock school system.

Tours begin with kindergarten children and all are thematic and related directly to classroom texts. While second graders, for instance, go to the planetarium to see a program on "Snoopy Goes to the Moon," fifth graders go to Moody Planetarium for an introductory program on astronomy. While a third grade tour emphasizes Indian cultures on the Plains, fourth graders tour the Ranching Heritage Center to learn about cowboys and cattle.

The workshop with Ms. Wagner is expected to attract about 45 docents who are volunteer tour guides. Persons who want to become docents may attend the workshop. Registration fee is \$3.50 and includes a Thursday luncheon. Some late registrations can be taken, Ms. Moxley said.

-more-

The first session will be a lecture demonstration on new techniques in learning. Thursday afternoon, participants will take sample tours to explore ideas. The Friday morning session will focus "On Being a Docent." The workshop ends at noon Friday.

Although primarily a consultant for public schools, Ms. Wagner is a frequent lecturer at colleges and universities both in Texas and at out-of-state institutions. She is a film scriptwriter and has approximately 10 films to her credit. She is the author of a novel, "Hannah Jackson," an award-winning play, "Man Who Loved God," two juvenile books, "Big Enough" and "I Need a Friend," and she is a contributing editor for "Texas Monthly" magazine.

She is a member of the Humanities Advisory Panel for the Texas Commission on the Arts and Humanities and of the Transit and Urban Development Committee for the Research Board, National Academy of Science.

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

LUBBOCK -- The Smithsonian Institution belongs to the American people, but, because so many cannot go to Washington, D.C. to see it, the institution provides traveling exhibits and films which go to the people.

One such film will come to The Museum of Texas Tech University at 2 p.m., Sunday, Jan. 23, to initiate a new adult program relating to special interests of the museum -- western history, natural history, scientific research, foreign cultures.

The Smithsonian film is called "On the Side of Life." It depicts activity in the U.S. National Museum, which is devoted to natural history.

There is no charge for the adult programs, which will be presented on 10 Sundays during the spring semester at Texas Tech University. All are open to the public.

The series has been planned by students studying for the master's degree in museum science to fill a need the students saw for adult educational entertainment at the museum.

The Museum of Texas Tech University is on 4th St. at Indiana Ave. in Lubbock.

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

LUBBOCK -- Buenos dias, Senor!

That and a lot more Spanish will be in the vocabulary of persons enrolled in a conversational course beginning at 7 p.m., Thursday, Jan. 13, at Texas Tech University.

The informal Spanish course offers 30 hours of instruction without credit.

It is designed to enable persons with no previous knowledge to develop some basic skills in speaking and understanding the language. It will further develop the speaking skills of persons with some previous knowledge of Spanish.

Cost is \$45 per student. The class will meet from 7 to 9 p.m. each Thursday for 16 weeks, ending May 5. Meeting place is room 201 of the Law School.

It is offered through the Texas Tech Division of Continuing Education.

Students may register at the first or second class session, Jan. 13 or 20, or by visiting or calling the Division of Continuing Education. The division is located in Building X-15, across the street from the Municipal Auditorium parking lot. The telephone number is area code 806: 742-3797, and the address Box 4280, Texas Tech University, Lubbock, Tex. 79409.

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: B. Zeeck

LUBBOCK -- One credit course in puppetry and three special non-credit art courses will be offered the public during the spring semester at Texas Tech University.

The art courses are "Designing with Batik and Tie-dye in Fabrics," "History and Appreciation of the American Arts" and "Interior Design and Decorating." Grades and tests are not given in non-credit courses.

All the courses are offered through the Division of Continuing Education at Texas Tech.

The puppetry course begins Jan. 18 and offers three hours of credit. It is numbered Art 3344 and requires regular tuition and fees. It will be taught by Prof. Peggy H. Bright from 7 to 9 p.m., Tuesdays and Thursdays, in room 202 of the Architecture Building. Additional information is available by calling Prof. Bright at 742-3829 regarding the course or in regard to a national festival on puppetry to be held at Texas Tech in July 1978.

The fabric design course will meet from 7 to 10 p.m., Mondays, beginning Jan. 31 and ending March 7. All sessions will take place in Architecture 203. Tuition is \$35 and students must, in addition, purchase fabrics, dyes and other materials at minimal costs.

Dr. Olive M. Jensen is the instructor, and she will teach basic procedures and techniques for batik and tie-dyeing fabrics. Emphasis will be on the production of several finished pieces.

-more-

The course on interior design and decorating will meet from 7 to 9 p.m., Tuesdays, beginning Feb. 1 and ending March 8, in room 104 of the Art Building. The cost is \$25 and enrollment is limited to 25 students.

Prof. Michael L. McDonnell, who will be the instructor, said the course should acquaint participants with the principles and techniques of design and decorating so that the aesthetic quality of their own homes may be enhanced.

Art history students will meet from 7 to 9 p.m., Thursdays, beginning Feb. 3 and ending April 14, in room 108 of the Mass Communications Building. The fee is \$40 and purchase of a textbook is optional.

Prof. Edna S. Glenn is the instructor, and her lectures will deal with the principal contributions in the development of the arts in the United States; ideas and attitudes of and about America that formed the nation's arts; and contributions to American art from European immigrants, pre-historic and present day Indians and other.

Prospective students may obtain additional information by calling the instructors or Dr. Michael Mezack, associate dean, Division of Continuing Education. His telephone number is area code 806: 742-3797, and the address is Division of Continuing Education, Texas Tech University, Lubbock, Tex. 79409.

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

ATTN.: Energy and Petroleum News Editors

CONTACT: Worth Wren

LUBBOCK -- Deep gas well drilling has become more efficient and productive over the past 16 years, but the technology needs continued improvements in equipment, crew training, production and safety.

Those are the conclusions of a study by a former Texas Tech University football player who was a winter 1976 petroleum engineering graduate from Texas Tech's College of Engineering.

Louis D. Jones, defensive end for the Southwest Conference co-champion Red Raiders this past season, examined development of deep (20,000 to 22,000 feet) gas well drilling in the Delaware Basin of West Texas and Eastern New Mexico.

Jones, who completed the study for a petroleum engineering seminar, is now employed by Tenneco, Inc., of Houston.

"The energy future of this country hinges on advancement of the technology needed to extract hydrocarbons from increased depths," Jones reported in his study, supervised by instructor J. T. Rollins.

"Deep drilling in the Delaware Basin (the Pecos, Monahans and Fort Stockton areas) had been sporadic since 1937, but because of larger rigs, improved mud (or drilling fluids) programs, better (drilling) bits, stronger tubular goods, cementing programs designed to use these advanced materials, and other techniques, more economical drilling has been possible in recent years," Jones stated.

-more-

The new Tenneco engineer, however, found five areas where improvements are needed in deep gas well drilling.

Encountering high pressure gas pockets, drillers need even stronger tubular goods, such as pipe that can withstand 20,000 pounds pressure per square inch to protect against hydrogen sulfide gas cracking and buckling, Jones said.

This need is underscored by the fact that even deeper gas wells are being drilled in other fields such as the Anadarko Basin in the north Texas Panhandle and the Oklahoma Panhandle. Wells in this region extend to 30,000 feet or more, Rollins added.

Jones also urged utilizing more deep drilling rigs to handle an expanding volume of work and increased bit penetration through extended under-balanced drilling. The latter refers to drilling at slightly less than equalized pressures (less pressure inside the well bore), Rollins explained.

To handle this type of drilling Jones recommended better trained drillers and roughnecks, better cementing methods to decrease well liner leaks and expanded development of acid retardation processes for use under higher drilling temperatures.

Rollins commented that Jones' study served as a learning experience outside the in-university curriculum, with Jones conferring with industry personnel in charge of fighting deep gas well problems. The study also is a good summary of technology available in this type of drilling, Rollins said.

Jones credited J. A. Blodgett of Exxon Corporation, H. Crabb of Mobil Oil Corporation, H. E. Lindsey of MWL Tool and Supply, and R. D. Cooper of Loffland Brothers Company with providing him extensive help in his survey.

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: Prabhu Ponkshe

EDITOR'S ADVISORY: PARTICIPANTS
FROM YOUR AREA ARE: _____

_____.

ATTN: PARK AND RECREATION EDITORS

LUBBOCK -- Conferences come and go and most of them are more business and less leisure. But there is one conference coming up where the business is leisure. It has been that way for the last 22 years.

From Jan. 30 to Feb. 2, Lake Texoma, Okla., will draw more than 450 park and recreation experts who will be busy discussing improved leisure activities for the general public.

The 22nd Annual Meeting of the Southwest Park and Recreation Training Institute will see delegates from eight states, including Texas, Louisiana, Arkansas, Oklahoma, Colorado, New Mexico, Kansas and Missouri.

Accountability is the theme of the meeting. As Dr. James W. Kitchen explained, "We will examine accountability in every aspect of our profession: legal accountability, financial, planning and public."

-more-

recreation institute/add 1

Kitchen, professor of park administration at Texas Tech University, is director of the training institute. Texas Tech conducts the annual meeting.

Sessions will be held in the Lake Texoma Lodge, where registration will begin at 10 a.m., Sunday, Jan. 30.

Besides faculty from Texas Tech, colleges and universities from the eight participating states will send representatives. Industry leaders will also be present.

This year's meeting will include student-participants.

"It will provide students an opportunity to make contacts with professionals in the industry as well as professors from other universities," Kitchen said.

"The Employment Search: The Realities of How to Get a Job," is the title of the student session at 8 p.m., Sunday, Jan. 30. It will be chaired by John Blair, project manager for research, National Recreation and Park Association, Va. Blair is a Texas Tech graduate.

Following business meetings and protocol, Prof. E. J. Urbanovsky will discuss "Parks and Recreation and the Future," 9 a.m., Monday, Jan. 31. Urbanovsky is Texas Tech Horn Professor emeritus of park administration and landscape architecture. He is also University Consultant.

James D. Bell, also a Texas Tech graduate, will talk on "Accountability through Financing." Bell is a private consultant in McLean, Va. He will speak at 11:15 a.m., Monday, Jan. 31.

Several workshop sessions spread over Monday and Tuesday will cover a variety of subjects including playgrounds, programs for small communities, selection of private consultants, social services and maintenance costs.

Texas Tech faculty members attending the institute will be Ernest B. Fish, Arthur N. Glick, James B. Harris, James W. Kitchen, James D. Mertes, E. J. Urbanovsky and Thomas D. Warner. Graduate students from the park administration and landscape architecture department include Wendell Bell and Randy Henson.

From Fort Worth, Jack O. Ashworth, superintendent of recreation; Sam Garrett, Environmental Resources Section, Fort Worth District Corps of Engineers; and Jack D. Jackson, public relations, American Airlines Learning Center, will attend the institute.

Dallas will be represented by Joe Deweese, landscape director, Texas Instruments; William Hathaway, chief, Water Program Branch, U. S. Environmental Protection Agency; L. B. Houston, consultant, Parks and Recreation Department; Grover C. Keeton, director, Parks and Recreation; Nan Simpson, private playground planner; and Bob Taylor, Personnel Department, City of Dallas.

The Texas Parks and Wildlife Department in Austin will send Johnny L. Buck, Jim David, Jim Riggs and David Riskin. The Parks and Recreation Department in Austin will be represented by Thomas Christensen, Dick Martin, Jack Robinson, Marie Scalzo and Mike Segrest.

Terry Colgan, recreation planner, Lower Colorado River Authority, Austin, will also participate.

City directors of ten park and recreation departments in Texas will join in the institute's sessions. They are Laurence M. Cobb,

Odessa; Terry Dopson, Corpus Christi; Henry W. Englebrecht Jr., Beaumont; Max Griffin, Lufkin; Warren G. Leddick, San Marcos; Dave Loughridge, Richardson; Billy Rogers, Plainview; Charles Thompson, Orange; Robert Thompson, Midland; and Bob Woodruff, Plano.

Tulsa, Okla., will have eight participants, including J. C. Braun, a private planner and landscape architect; Jackie K. Bubenick and Marilyn Bush, both of the River Parks Authority; Ann Long, botanist; Hugh McKnight, director, and Russell Studebaker, horticulturist, both of the Park and Recreation Department; and Max Wiens, director of the Tulsa County Park Department.

-30-

24-1-13-77

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

ATTN.: Recreation and Sports Editors

CONTACT: Worth Wren

LUBBOCK -- A bicycling expert, who also is an executive of the Schwinn Bicycle Co., will conduct a two-day series of seminars on that sport Monday and Tuesday (Jan. 17 and 18) on the Texas Tech University campus.

Keith Kingbay, who will hold the seminars in Room 215 of the Social Sciences Building, will speak at 10:30 a.m., Monday, on bicycle touring in the United States.

At 1:30 p.m., Monday, Kingbay will discuss "Safe and Sound Bicycling." At 2:40 p.m. his topic will be "Bicycle Trail Development and the Future of Bicycling."

On Tuesday, 9:30 a.m., Kingbay will talk on "Forming Bicycle Clubs."

Kingbay brings credentials not only as a bicycle company executive but also as a member of the United States Olympic Committee for Bicycling, the National Safety Council, the League of American Wheelmen, the American Youth Hostels and the President's Council on Physical Fitness.

Hosted by the Texas Tech Department of Health, Physical Education and Recreation, Kingbay also will visit with the Lubbock Bicycle Club and at the John Knox Village.

For more information call Dr. Thomas Warner, professor of recreation at Texas Tech, 742-3335.

Texas Tech News

UNIVERSITY NEWS AND PUBLICATIONS / P.O. BOX 4650 / TEXAS TECH UNIVERSITY / LUBBOCK, TEXAS 79409 / (806) 742-2136

CONTACT: Worth Wren

ATTN.: Sports Editors

LUBBOCK--Former head basketball coach John Wooden never endured a losing season at the University of California at Los Angeles (UCLA).

On Thursday (Jan. 20) the retired coach will provide insight into those winning years with "At the Sidelines: Wooden's Eye View" at 8:15 p.m. in the University Center Theatre at Texas Tech.

Sports writers have never had to search for things to say about Wooden. He is the only man enshrined as both player and coach in the Basketball Hall of Fame in Springfield, Mass.

Retiring last year after 26 years on the UCLA job, Wooden coached the UCLA Bruins to National Collegiate Athletic Association championships during 10 of the past 12 years. His teams' records also included the string of most consecutive victories, 88.

Wooden's overall record at UCLA was 620 victories and 147 defeats, a winning average of .808. His 40-year career total was 885 wins and 203 losses, or .813.

He coached two of the best court dominators in basketball history, 7-foot-plus Kareem-Abdul-Jabbar (formerly Lew Alcindor) and 6-foot-10-inch Bill Walton. The former coach says his personal favorite among his UCLA teams was the 1963-64 Walt Hazzard-Gail Goodrich-Keith Erickson squad. Without a towering superstar that group won all 30 of its games.

-more-

As a player at Purdue University almost a half century ago, Wooden was All-American in each of his three varsity years.

But Wooden's reputation is built on more than just winning. Recognized as an outstanding humanitarian, he also has been a strong advocate of the Fellowship for Christian Athletes.

Tickets are \$1 for Texas Tech students with identification and \$2 for the general public at the University Center ticketbooth, Cardinal Sport Center in Lubbock and at the door the evening of the speech. For more information call 742-3611.

-30-

EDITOR'S NOTE: There will be a press conference for Coach John Wooden at 3:30 p.m., Thursday, Jan. 20, in the press room of the Lubbock Regional Airport. Coach Wooden will be arriving in Lubbock at 3:10 p.m. on Braniff #276. For more information call 742-3611 for Mary Beth Boring, Cultural Events Advisor.

CONTACT: B. Zeeck

cutline-----

GUEST ORGANIST -- Oswald Ragatz, widely known organist and head of the Organ Department of Indiana University, will be the first guest artist to perform on the newly installed Holtkamp organ in the Recital Hall of the University Center-Music Building at Texas Tech University. Ragatz will perform music by Dietrich Buxtehude and Johann Sebastian Bach in a concert beginning at 8:15 p.m., Monday, Jan. 17. The public is invited and there is no charge. (TECH PHOTO)

-30-

22-1-12-77