

A&M Prof Writes Vegetation History

"A History of the Vegetation of the Rio Grande Plain," a book by Jack Inglis, instructor in Wildlife Management, has been released by the publisher, the Texas Parks and Wildlife Department.

The 122-page book with illustrations by Charles Shaw is the result of a project by Inglis to determine the effects of brush on the deer population in South Texas.

Inglis said there has been a great deal of controversy since about 1920 as to whether the mesquite brush had always been in the area, or if it had invaded from Mexico, or had simply increased through the years.

Using diaries of travelers from as far back as 1675, Inglis plotted their routes on large scale maps and recorded their comments about day to day travel. His research shows mesquite trees were present in scattered stands generally, but often so thick along the creek and river bottoms that the Spaniards used cutlasses to clear a trail.

Inglis in his next research used a set of diaries from 1820 to 1860, again plotting routes and determining brush had not increased much, but giving more detail to distribu-

tion.

Working out another set of routes used about the turn of the century, Inglis found immense growth of brush. Diaries of travelers told of "chapparal jungles."

In reference to deer, early travelers wrote of seeing thousands of deer a day in the open country. They also told of an abundance of antelope, seldom seen in South Texas today.

Inglis makes no fine conclusions in his book about why the brush made such big gains between about 1860 and 1900.

The Rio Grande plain, or Balcones escarpment as it is sometimes called, covers approximately 38 million acres. It is bordered on the north by a line between San Antonio and Del Rio, on the northeast by the Guadalupe River, and on the south and west by the Rio Grande River.

Inglis' book includes several color maps of the terrain. He worked two summers, one with the aid of a graduate student, in compiling information, which came largely from the A&M Library, archives at the University of Texas, and several diaries from the Library of Congress.



Ear Bending For A Picket
Fred Moore, 23, of Fillmore, Calif., had his ear twisted by veteran Army Sgt. Everett E. Barnes in Visalia, Calif., shopping center as Moore and Craig Young, 19, left, of Belmont, Calif., picketed Army display in opposition to the draft. (AP Wirephoto)

ONE FROST EXPECTED

Warmth, Wind, Rainfall Forecast Here For March

Warmer temperatures, lots of wind and about three inches of rainfall is the weather promise for March based upon averages from more than 50 years of local records.

"Temperatures are almost as variable in March as they are in January, the most variable of all months, but there is a definite warming trend," assistant professor John F. Griffiths said. He is a climatologist in the Department of Oceanography and Meteorology.

"During March we should expect a warming of temperatures by about 9 degrees," Griffiths said. The average low at the first of the month is 46 degrees and 55 degrees at the end.

"On the average we should get one frost during the month, the probability becoming very rare after the fifteenth, although on March 31, 1937, we did get a low of 29 degrees," the scientist said.

The coldest March day ever recorded locally was in 1922 when the mercury never rose above 28 degrees on March 1. The coldest period ever in March was in 1932 when for five days the tempera-

ture never topped 40 degrees. Temperatures of 90 degrees and higher have been recorded a few times during the month, especially after the twentieth. On March 30, 1946, the temperature rose to 96 degrees, highest reading for the month.

Griffiths said records show that in 1911 the temperature was in the 90s for three consecutive days.

He cited two temperatures from the 1955 records as typifying the variability of March weather. On March 26 the mercury rose to 85

degrees, but the next day the temperature was 40.

Rainfall varies almost as much although the average for the month is 3 inches. Through the years from .5 of an inch to 8 inches have fallen during the month. In 1934, four inches fell in one day.

"On the average we get seven rainy days during the month and one day with more than 1-inch of rainfall. But it's seven years since we last had an inch of rainfall on one day in March," Griffiths said.

Brooks Is Chosen Engineer Of Year

Russell D. Brooks was named 1964 Engineer of the Year at Texas Society of Professional Engineers' Brazos Chapter banquet at Briarcrest Country Club last night.

Brooks is presently vice president and General Superintendent of Industrial Generating Co., a member of the state advisory board for Junior Engineering Technical Society and president of the Brazos Chapter of TSPE.

He was graduated from John Tarleton College and A&M University with a degree in electrical engineering.

He served 5 years in the army during World War II. He spent 2½ years in the South Pacific and attained the rank of Lt. Colonel.

In his capacity of superintendent at Industrial Generating Co., he is responsible for the operation of the only solid fueled power plant in Texas at Rockdale and the operation of the largest lignite mine in the state.

Because this is the only solid fuel power plant in the region, the successful operation requires a

high degree of technical skill and resourcefulness, because there is no pool of "know-how" available from colleagues in the area.

This plant has consistently produced electrical energy economically and efficiently.

8 Aggies To Attend Industrial Conclave

Eight students and one faculty member from the A&M University industrial engineering department will attend the sixth annual Student Industrial Engineering Conference at the University of Arkansas Friday and Saturday.

A&M senior Thomas E. M. Smith of Dallas will present a paper entitled "Computer Simulation: An Effective Industrial Engineering Tool."

Unitarians Host Allen Instructor

Thomas K. Shotwell, biology instructor and counselor at Allen Academy in Bryan, will present a discussion of "Religious Support and Opposition To Early Scientific Schools in America" before the Unitarian Fellowship in College Station, 305 Old Highway 6, South, at 8 p.m. Sunday.

The topic is a part of research done by Shotwell for the degree of Doctor of Philosophy in Vocational Education which is to be awarded by Louisiana State University in August.

A graduate of Tarleton State College in 1953, Shotwell received the Bachelor's and Master's degree from A&M University in 1955 and 1959 respectively. Except for a year of full-time study in 1962, he has taught general biology at both high school and college levels at the Academy since 1958.

Foreign Student Enrollment Jumps

The foreign student enrollment this semester comes from 50 nations. This information is contained in a newly-released analysis issued by Robert L. Melcher, foreign student advisor.

The total of 427 foreign students registered this semester tops the previous spring semester enrollment high of 364 set a year ago and nearly equals the all-time record of 433 foreign students enrolled last fall.

Slightly more than half of the students seek advanced degrees. Thirteen nations list 10 or more students. India and Pakistan are each represented by 60 students.

International Night On Tap March 13

An "International Night" featuring native music, songs, dances and an exhibit of handicraft is scheduled for 8 p.m. March 13 in the Memorial Student Center Ballroom.

Kamal El-Zik of the United Arab Republic, president of the International Student Association at A&M, said the night is being sponsored by the Arab Club, Chinese Association, Indian Association, Pan American Club, Pakistani Association, the Philippines Association.

Students and their wives will play musical instruments, dance and sing songs of their countries.

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CALENDAR OF CHURCH SERVICES

CHRISTIAN SCIENCE SOCIETY 9:30 A.M.—Sunday School 11:00 A.M.—Sunday Service 11:50 A.M.—2 P.M.—Tues. Reading Rm. 7:00-8:00 P.M.—Wed., Reading Room 8:00 P.M.—Wed. Evening Worship	CHURCH OF THE NAZARENE 9:45 A.M.—Sunday School 10:45 A.M.—Morning Worship 6:30 P.M.—Young People's Service 7:00 P.M.—Preaching Service	ST. MARY'S CATHOLIC Sunday Masses—7:30, 9:00 and 11:00
FIRST BAPTIST 9:30 A.M.—Sunday School 10:45 A.M.—Morning Worship 6:10 P.M.—Training Union 7:20 P.M.—Evening Worship 6:30 P.M.—Choir Practices & Teachers' meetings (Wednesday) 7:30 P.M.—Midweek Services (Wed.)	ST. THOMAS EPISCOPAL 906 Jersey Street, So. Side of Campus Rector: William R. Oxley 8:00 & 9:15 A.M.—Sunday Service 9:15 A.M.—Nursery & Sunday School	FAITH CHURCH UNITED CHURCH OF CHRIST 9:15 A.M.—Sunday School 10:30 A.M.—Morning Worship 7:30 P.M.—Evening Service
A&M CHURCH OF CHRIST 8:00 & 10:00 A.M. Worship 9:00 A.M.—Bible Study 9:15 P.M.—Young People's Class 6:00 P.M.—Worship 7:15 P.M.—Aggie Class 9:30 A.M.—Tues. Ladies Bible Class 7:15 P.M.—Wednesday Bible Study	UNIVERSITY LUTHERAN (Missouri Synod) 10:00 A.M.—Bible Class 11:00 A.M.—Morning Worship Services at Presbyterian Student Center	COLLEGE HEIGHTS ASSEMBLY OF GOD 9:45 A.M.—Sunday School 11:00 A.M.—Morning Worship 6:30 P.M.—Young People's Service 7:30 P.M.—Evening Worship
A&M PRESBYTERIAN 7:59 A.M.—Sun. Breakfast—Stu. Ctr. 9:45 A.M.—Church School 11:00 A.M.—Morning Worship 6:00 P.M.—Sun. Single Stu. Fellowship 7:15 P.M.—Wed. Student Fellowship 6:45 A.M.—Fri. Communion Service Wesley Foundation	UNITARIAN FELLOWSHIP 305 Old Hwy. 6 S. 10:00 A.M.—Sunday School 7:45 P.M.—First four Sundays of each month — Fellowship Meeting.	A&M METHODIST 9:45 A.M.—Sunday School 10:55 A.M.—Morning Worship 5:30 P.M.—Campus & Career Class 5:30 & 6:00 P.M.—MYF Meetings 7:00 P.M.—Evening Worship
	SECOND BAPTIST 710 Eisenhower 9:45 A.M.—Sunday School 11:00 A.M.—Church Service 6:30 P.M.—Training Union 7:30 P.M.—Church Service	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS 20th East and Coulter, Bryan 8:30 A.M.—Priesthood meeting 10:00 A.M.—Sunday School 6:30 P.M.—Sacrament Meeting
	OUR SAVIOUR'S LUTHERAN 8:15 & 10:45 A.M.—The Church at Worship 9:30 A.M.—Bible Classes For All Holy Communion—1st Sun. Ea. Mo.	FIRST CHRISTIAN CHURCH Homestead & Ennis 9:45 A.M.—Sunday School 10:50 A.M.—Morning Worship 5:30 P.M.—Young People



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THE WORLD

Strange sight? Not really! We're getting used to seeing pictures of our own earth. We're getting used to the concept of a universe instead of a world. We can believe that the moon's soon to become a landing place.

Does this familiarity with space — does our thrust into the physical unknown — make the basic facts of life and death any simpler to us? Certainly not! Man is in a peculiar position, today. The more he explores, the more vast he finds what lies ahead of him. The more he learns, the more he discovers how infinitely much there is to know.

More than ever before, man realizes how great the hand of God has been in fashioning this world, this universe, we live in. That's why people everywhere — including scientists, astronauts, space pioneers — are men of religious conviction. Go to church this Sunday, and see for yourself.

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Sunday Psalms 8:3-4	Monday Ephesians 2:1-8	Tuesday John 3:16-20	Wednesday Hebrews 6:13-20	Thursday II Samuel 22:16-25	Friday Job 12:22-23	Saturday Psalms 18:15-19
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