



GEORGE W. BARNES, left, who is a longtime worker with the Texas cattle industry poses beside a portrait of himself with DR. J. C. MILLER, head of the Animal Husbandry Department. The portrait will be hung in the Animal Industries Building.

## American Scientists May Be Working on Thinking Missile

By ELTON C. FAY

WASHINGTON, Jan. 11 (AP)—American military scientists appear to be working on the idea of a "thinking" guided missile that will identify the intended target from a picture, then attack it.

A hint of this uncanny flying monster with a brain was contained in a "glossary of guided missile terms" made public tonight by the research and development board.

The glossary's reference to the project was terse, saying merely this:

"Guidance, homing, active — a system of homing guidance where in both the source, for illuminating the target, and the receiver are carried within the missile." The definition seemed to relate to an idea which some scientists have considered. Roughly, it is as follows:

A guided missile (it could be a rocket or merely a pilotless plane, is fitted with a television set and a picture of an intended

target—perhaps an aerial photograph of a city. The missile is launched in the general direction of the target. When it arrives at a point where the pattern of the picture matches what its television "eye" sees, the missile "homes in" on the target.

This explanation is vastly oversimplified. Involved are thousands of complex electronic elements actuating computing devices which make instantaneous but complicated reckonings; link the "eye" and the "brain" of the missile to the controls; rely back to the base from which the missile was launched information on where it is and what it "sees."

This uncanny and awesome weapon is only one of a number of variations of "homing" guided missiles, projected or in experimental existence.

## Houston Has Jobs For 3 AH Seniors

The Houston Fat Stock Show requests the services of three animal husbandry seniors for each week of the two week show, according to Dr. J. C. Miller, head of the Animal Husbandry Department.

Interested seniors may obtain application blanks from the Animal Husbandry Office on the second floor of the AI Building.

## Tripucka Tops

BIRMINGHAM, Ala. (AP)—The 117 yards Georgia's Johnny Rauch lost from scrimmage in 1948 did not keep him from being the top total offense back of the Southeastern Conference. Rauch passed for 1,307 yards for a net of 1,190. He nosed out Tulane's Eddie Price who picked up 1,178 yards, all by the foot route.

# Market Survey Will Continue This Week

By GEORGE CHARLTON

Ten per cent of all A&M students will be queried during the next few days by interviewers for the Student Publications College Market Survey.

Three corps regiments were surveyed during the past week in a preliminary poll. The remainder of the cadet corps will be surveyed this week together with veterans on the campus and at the annex, married students in college owned apartments and day students.

Original plans called for interviewing 227 cadets on the campus, 247 veterans living on the campus, 139 day students, and 84 married veterans living in college housing. At the Bryan Field annex, 121 students are to be interviewed—111 cadets and 10 married veterans. Plans are to interview 139 day students.

The survey is aimed at finding out how much money is spent by A&M cadets during a 12 month period and for what it is spent. The subject matter of the questions varies from college expenses to recreational expenses. The names of persons interviewed in the survey are not recorded since the purpose of the survey is to reveal the buying trends of students as a group rather than individuals.

Not only does the survey aim to find out how much or how many of a specific item are used at A&M but it aims to find out specifically what brand names are most popular and why. Director Roland Bing of Student Publications said today the survey forms will aid the Battalion and other student publications in putting their advertising on a scientific basis.

Questionnaires for the survey were supplied by the National Advertising Service, Inc., of New York City.

The same questionnaire is being used on other college campuses throughout the nation. When the survey is completed it will be possible to compare the buying trends of students at A&M with those on campuses in other parts of the country.

Not all of the questions on the four-page questionnaire are applicable to all students. For example: Question 8 asks, "About how often do you give yourself a home permanent? How often do you go to a beauty parlor?" Students filling in the questionnaires are asked to leave blank such questions.

Veterans wives are being contacted in the survey. The aim of the survey is to contact and find out the buying habits of married veterans and their wives. Married veterans contacted, will be asked questions concerning the buying habits of their wives.

Sections of the survey are entitled: "Background Facts," "Your Personal Habits," "Your Leisure Activities," "May We Look in Your Wardrobe?" "Ladies, May we come in to Your Boudoir?" "Gentlemen, May We Look at Your Dresser?" "Items of Ownership," "Money Matters," and "Future Plans."

Questionnaires will be tabulated locally and then sent to New York for re-tabulation.

## King Cotton to Be Named Today By Agronomy Society

King Cotton, who will reign at the 1949 Cotton Pageant and Style Show and the Cotton Ball, will be elected at 7:30 p. m., Tuesday, at the regular meeting of the Agronomy Society in the A. & I. Lecture Room, Virgil Caraway, president of the organization, has announced.

Caraway said that officers of the society for the spring semester also would be elected.

After the election, Dr. Ide P. Trotter, Director of the Extension Service, will show films of his recent world tour, Caraway concluded.

## WOMAN FLIER SETS ALTITUDE RECORD

MIAMI, Jan. 11 (AP)—Betty Skelton, 22-year-old Tampa, Fla., pilot, Saturday set an unofficial national altitude record for light aircraft by climbing to 25,760 feet in a Piper PA-11 aircraft.

The previous record of 24,400 feet was set before the war.

Miss Skelton's flight highlighted the second day of the 17th annual Miami All American Air Maneuvers.

Earlier, a pair of Wisconsin speed pilots—Steve Wittman and Bill Brennan—moved into the finals of the \$10,000 continental trophy race for midget planes.



Ken Edwards, center, former Texas district county agent who heads a U. S. agricultural mission in Saudi Arabia, explains American farm methods to King Ibn Saud, seated, and a member of the King's staff.

## Collegiate Rodeos Form Association

Intercollegiate Rodeos are now being organized to form a National Intercollegiate Rodeo Association, according to Charlie Rankin, local publicity director.

Purpose of the Intercollegiate Rodeo Association, Rankin said, is to standardize all college rodeos, to establish uniform eligibility requirements and scholastic standards for team membership, and to standardize the awarding of prizes.

Jack Kingsberry, president of the Saddle and Siroin Club, has been selected by the members of the rodeo team to represent A&M at the Constitutional Intercollegiate Rodeo meeting. Date and place of the meeting has not been announced.

## ENLISTMENTS UP, DRAFTS CANCELLED

WASHINGTON, Jan. 11 (AP)—With voluntary enlistments up, the Army said Saturday it will draft no men in either February or March. A call for 5,000 men next month was cancelled.

Secretary of the Army Royal said voluntary enlistments and re-enlistments have been averaging 35,000 a month, filling all requirements.

## Tau Beta Pi Photo Slated Wednesday

The Tau Beta Pi yearbook picture will be taken at 5 p. m. Wednesday on the steps of the Chemistry Building.

Immediately after the picture, the society will hold a brief meeting in the Petroleum Lecture Room.

## World Events Talk To Be Given Here By Colonel Poland

Colonel E. L. Poland, assistant chief of staff of the Fourth Army, will give an illustrated lecture, "What's Happening in the World Today," in the Assembly Hall, at 7:30 p. m., today.

he talk will be the first in a series of lectures on international affairs and scientific developments. These talks are sponsored by the Military Department and are aimed to assist students in piecing together world-wide military and political conditions.

Colonel Poland has been in the Army 30 years and has attended the Infantry School, Chemical Warfare School, and the Command and General Staff School.

His tours of duty include Panama, Hawaii, and Korea. During the war he was Chief of Staff of the 90th Division.

The lecture will also serve as the regular meeting of the Brazos County ROA, 479th Composite Group, 305th Air Reserve Group and the Naval RONS Chapter. The Thursday meetings of these groups will not be held and those attending the lecture will receive credit for inactive duty service points.

The meeting is open to members of the faculty and staff, reserve officers, and members of the community.

## Artificial Breeding Course to Be Held

A training school for technicians in artificial insemination of dairy cattle will be held at A&M January 10-14.

Trainees registered January 10 in the library of the dairy department in the Agricultural Building.

Richard E. Burleson, assistant dairy husbandman, is chairman of the course.

Sapphires and rubies are basically the same stone, the difference being only in the color.



MONROE SOLOIST—Featured with the VAUGHN MONROE orchestra here February 12 will be RICHARD HAYMAN, above, magic-tone harmonica player. The Monroe troupe will present a program in Guion Hall preceding the Military Ball in Sbsia Hall.

## Scholarship Honor Society to Elect Officers Tonight

The Scholarship Honor Society will elect officers at 7 p. m., Tuesday in the Physics Lecture Room. W. A. Varvel, faculty sponsor for the society, said yesterday.

He also announced 16 recent appointments to the Society.

New members are: James E. Cummins, Chester A. Harvard, Robert W. Edwell, John M. Wallace, and Robert S. Weynand, School of Agriculture; Norman E. Halbrooks, Hayden Hodges, Nicodemus Kutac and David Schwartz, Jr., School of Arts and Sciences; Guy H. Ahern, Charles R. Bond, Jr., Anthony C. Camata, Joseph J. Cavall, John W. Cooke, Robert C. Hornburg, and James A. McCulley, School of Engineering.

## PH Staff Member To Enter Service

Lieutenant Colonel Lee E. James of the Poultry Husbandry Department will enter active duty with the Army beginning January 14, according to Captain Albert W. Stockell, local Organized Reserve Instructor. James will be assigned to duty in Greece and will have the rank of major of Infantry.

A 1936 graduate of A&M, James who is an active member of 479th Composite Group, began his World War II duty in March 1941, serving as S-3, Infantry School, Fort Benning, Ga. He later served in China and was separated in March 1946 as an Infantry Lieutenant Colonel.

# Publication of Many Books By Texans Planned for '49

By MARTHA COLE

The first of a dozen or so books expected this year from the prolific pens of Texas authors came out in January. Another is definite for March.

Writers have just begun to tap the well of Texas material.

The birth pangs of Texas—ranch lore—oil booms—Mexican prob-

lems—cotton plantations—modern problems of city life—the dust bowl—all these and more.

The first book by a Texas author this year was set in the ranching hill country around Llano. Fred Gipson, the author, said he left two Texas newspapers and got fired from one, then went back to his homeland on a ranch near Mason. His "Hound-dog Man" came out Jan. 5. It's good reading. The simple back-woods story tells about a 12-year-old boy who wanted his own hound dog.

Coming out this spring is a book about bull fights in Mexico by another Texan—Tom Lea of El Paso.

The Texan who won the top award of the Texas Institute of Letters last year is a professor of history at Southern Methodist University—Dr. Herbert Gambrell. His prize winner, "Anson Jones, Last President of Texas," is both a history of Texas back in its republic days and the story of a man whose biography reads like fiction.

Runner-up among prose books at the institute was "Heaven's Tableland," by Vance Johnson. Johnson had lived in the Texas Panhandle long enough to know of what he wrote—the Dust Bowl.

Another award winner announced at the institute was David Westheimer, who wrote "Summer of The Water." Westheimer won the McMurry bookshop award for best first novel. His was a story of a young Negro woman's unsuccessful struggle to maintain her integrity in her relations with the white family which she served.

A whole town paused and took note of another book which came out Nov. 18. That also was the 84th birthday of the book's author—Judge A. W. Neville of Paris, Tex. His book—"Red River Valley, Then and Now" is a collection and expansion of columns he has written for the Paris News.

Other books by Texans or former Texans during 1948 include: "The Ring and the Cross," by Robert Tylee, the story of a war profiteer in a Texas shipbuilding city called Congrave.

"Devil Take a Whittler," by Weldon Stone, a tale of backwoods Arkansas Stone was a member of the English Department at A&M for a number of years. He left A&M in 1946.

"The Alamo," by John Myer Myers, an informal history.

"The Bell Ringers," by Vern Swartsfager, curate of St. Matthews Cathedral in Dallas. It is about boys and girls headed for crime.

"Fair Havens," by B. C. Jefferson, editorial writer on The Dallas Times Herald. It is a story of life in the early days of East Texas.

"High John The Conqueror," by John Wilson, a student at Southern Methodist University.

"Jeff Milton," "A Good Man With A Gun," by J. Evetts Haley, the story of a pioneer peace officer in West Texas and New Mexico.

"I Shook The Hand," by Harold V. Ratliff, sports editor of The Associated Press in Texas.

"Garner of Texas," by Bascom N. Timmons, another Texas newspaperman who works in Washington. Timmons' biography of the former vice president, John Nance Garner of Uvalde, Tex., is the first to be written on Garner.

"Words To That Effect," by John Gould of Wichita Falls, another newspaperman.

A former Texan, Martha Cheavens, laid the scene of her novel, "Crosswinds," in Eagle Pass, down on the Texas-Mexican border.

Boyce House, Texas raconteur, gathered in tall tales of all the states in his new volume, "Laugh Parade of The States."

The annual daedalian quarterly poetry award offered by Texas State College for Women for the best book of poetry by a Texan went to Vada Stewart Montgomery for her volume "Hail for Rain."

Other volumes of poetry by Texans in 1948 included "The Crystal Fountain" by Grace Noll Crowell, "Answer In The Night" by Lexie Dean Robertson and "The Under-side of Leaves" by Mary Beth Little.

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## Business Society To Hear Engineer

Carrington Mason, industrial engineer for Converted Rice Incorporated, will speak on "Job Evaluation in Office and Industry" at the Business Society meeting at 7:30 p. m., tonight, Room 23, Building K, Jim Mattuy, reporter for the organization, announced.

He said that an election of officers will also be held to fill the vacancies of those graduating.

Sapphires range in color from crystal-clear through yellow, green and blue to black.

## Join the MARCH OF DIMES

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