

# OFFICIAL NOTICES

South bedroom for two, furnished with single beds, available Sept. 15, transportation to and from campus, inquire now at 226 Foster, College Hills, or see K. M. Curtis, 2nd floor, Francis Hall.

FOUND—Gold knife. Owner may get same at the Student Publication Office.

FOR SALE—1930 Model "A" Tudor. Practical new tires. Box 664.

## Textile Engineering Department Is Now Cotton Marketing

The Textile Engineering Department is no more. It is now the Cotton Marketing Department. Mr. J. B. Bagley, head of the Department, recently supervised a trade with the Texas Prison System in Huntsville, in which the old overhead-drive motors were exchanged for pulley systems and direct drive motors. The Cotton Marketing Department has used the new machinery in improving its old method of cloth production. The whole upstairs floor has been remodeled and modernized, leaving more space and a neater setup. The prison system at Huntsville has used the equipment obtained from the Department in setting up a model cotton-mill in which they will mill their own cotton at a very cheap rate. They also produce their own cotton.

The Cotton Marketing Department is used for exhibition purposes, and it also provides jobs for students who turn out materials that are sold at a slight profit, and the returns are used in bettering the department. With the new machinery the department can turn out fancy fabrics and nearly any cotton fabric although most of the profits come from the manufacture of taffeting yarn. During the years of 1938 and 1939 the approximate profits were \$17,356 and \$22,719 respectively.

The labor at the plant is strictly student labor and not carried on by the students in the college course. At present, there are eight boys working at various jobs in the plant.

In 43 years Notre Dame has lost one opening football game. That was to Texas in 1934.

## A. & M. Prof's Search Proves Alligator Gars Do not Eat Game Fish

Findings of Dr. Kelsaw Bonham, assistant professor in the Texas A. & M. College fish and game department, indicate that long-nosed and alligator gars do not favor bass or other game fish as a diet, or perhaps it is that they, too, find such fish as hard to get as many minnows do.

Dr. Bonham examined the stomachs of 321 gars taken in the Guadalupe River, Kerr county; Wickson and Twin Lakes, Brazos county; Neches River, Jefferson county; and San Bernard River, Wharton County, and found that none of the gars examined contained any bass or other game fish. However, they did contain other edible species.

Suckers, sunfish, shad, catfish, white crappies and crayfish were found in specimens taken in the Guadalupe, Gizzard shad, sunfish, plankton and some unidentified species were found in gar taken from Wickson Lake, and the Twin Lake catch showed some small-mouthed buffalo. Gar taken from the Neches showed gizzard shad, eel and traces of mullett and the catch in the San Bernard showed red shiner, crayfish and traces of unidentified species.

Dr. Bonham's study indicates that gizzard shad, suckers, mullet, small sunfish and crayfish constitute the main diet of gars as no bass or other game fishes were found in the stomachs of the 321 gars examined.

## Many Houses—

(Continued from page 1) Oakwood for several months, and the E. B. Reynolds' will be moved in up the same street before the end of the summer. The Jno. W. Mitchells have purchased the lot across the street from the H. C. Spencers and expect to build during the year.

A great many campus residents already own homes in College Park, the oldest of the residential sections, and expect to move into them next summer. Among these are F. G. Anderson, W. L. Hughes, and S. S. Morgan. The J. B. Bagleys are ready to build on a lot across from the home of Dr. A. B. Nelson.

The remainder of the residents are uncertain as to what they will do about September 1, 1941. Many of them are planning on buying the houses they now live in and moving them off the Campus.

## Changes Made—

(Continued from page 1) will be at 12:45.

Mr. Cashion announces that the Former Students Association plans to continue their practice of presenting a show each Sunday afternoon at 12:30 to which there will be no admission charged.

Priscilla Lane, cinema star, was selected as the ideal mate, by a class in psychology composed of 27 male members, at Arizona State Teachers College at Flagstaff, Arizona.

## ANSWER TO PROBLEM

When we consider the conditions of the problem, we find that, regardless of the tribe to which an Indian belongs, he would always say that he is a Blackfoot, since if he is, he must tell the truth; and if he is not, he must make a false statement. Therefore, the second Indian made a true statement, since he reported the first Indian correctly and the third Indian made a false statement since he reported the second Indian falsely. We are therefore able to conclude that the second Indian is a Blackfoot, and the third is a Whitefoot, while no conclusion can be reached about the first Indian.

### Want A Pick-Up?

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FOUNTAIN SPECIAL For The Week Pineapple Lime Frost - - 15¢

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## East Texas Magazine Pays Tribute to A. B. Conner Director of Ag Experiment Station, in "Man of the Month" Series

Some time ago the East Texas Magazine, published by the East Texas Chamber of Commerce, established the custom of carrying a "Man of the Month" article, in which tribute is paid to the work of some outstanding East Texan.

In the current issue A. B. Conner, director of the Texas Agricultural Experiment Station is the subject of the article. Those persons familiar with his services to all Texas, appreciate the recognition given him. The article is as follows:

It is the fate of most scientists that their greatest achievements become known in detail only to a comparatively small group of their fellow-scientists. Too often, the millions who benefit from the painstaking, laborious hours, days, years which these benefactors of mankind spend in their laboratories, delving into the mysteries of Nature, never know even the names of those who serve them so effectively.

East Texas Magazine, therefore, this month honors a modest genius of the laboratory, whose years of devoted service have brought millions of dollars into the pockets of Texas farmers, through his great achievements in the field of agricultural research. He is A. B. Conner, Director, Texas Agricultural Experiment Station, who graduated from A. & M. College in 1904; worked nine years with the United States Department of Agriculture; joined the staff of the Texas Experiment Station in 1911; and since 1928 has served as director. In this job, he directs the work of a group of 150 able scientists which he has assembled to work full time upon the major problems of Texas agriculture.

His contributions to improvement and production of field crops, horticultural crops and livestock, and the problems of plant and animal production and utilization—including diseases and insect pests—are so numerous that a mere listing of them would require several pages of this magazine.

Outstanding, perhaps, is his work for the improvement and adaptation of the grain sorghums to the Texas farm program, upon which was largely based the movement which brought the prairie grazing lands of West Texas under the plow during the first decade of this century. Every principal variety of grain sorghum now grown in West

### Director Conner



Texas has been introduced or improved by the Texas Experiment Station, under Mr. Conner's leadership. Texas produces sixty million bushels of grain sorghum annually, one-half of the crop of the United States. It produces a higher acre yield than any other State. Mr. Conner discovered and developed a "sport" Dwarf Yellow Milo, and today nearly 50,000,000 bushels of this variety alone are grown by Texas farmers.

He grew the first Sudan grass in the United States, propagated the seed, and provided the basis for the profitable seed industry which now centers around Lubbock, giving Texas a new crop worth millions annually. His experiments further brought under control the midge which destroyed the sorghums and extended the growing area into East Texas and the regions of heavier rainfall.

In 1926, Mr. Conner studied the problem of sudden run-off of rain-water in certain Texas areas and evolved the system of conserving moisture by means of contoured rows and terraces, now generally used in Texas. Recent extraordinary yields of crops throughout the greater part of Texas are testimonials of his vision in this field.

The Ranch Substation of the Experiment Station has made invaluable contributions to the sheep and goat industry of Texas. Here was developed a vaccine for control of sore-mouth in lambs and kids;

here methods of combating the bitterweed problem was perfected, saving a vast amount to stockmen.

The benefits of the exacting research work which he has done, and which he has insisted upon from his staff of scientists, has spread into virtually all other States and many foreign lands, to the benefit of farmers everywhere.

He has preserved the results of his vast volume of scientific work permanently with a host of contributions to the scientific literature of the Nation; and a mere listing of the books, bulletins, articles for scientific publications, and circulars of which he has been author or co-author with other scientists, requires two typewritten pages. Outstanding among these are the reports on his development of the sorghums, his treatises on the development of Soil Erosion Control, and on boll weevil control in Texas.

Under his direction, the Texas Experiment Station has found that loin disease can be combatted with proper rations; developed a vaccine for control of sore-mouth in sheep and goats; introduced and distributed such valuable plants as Chinese Elm, tung tree, date palms, and several citrus varieties; bred and introduced Nortex oats and Denton wheat and varieties of sweet corn adapted to Texas such as Yellow corn, Yellow Surecrops, Golden June and Yellow Texpan. He found that cottonseed meal has more important place in rations for farm animals and can be fed in greater amounts than formerly believed possible; that the so-called cottonseed meal poisoning is a vitamin deficiency; that cotton is a drought-resisting crop rivaling the grain sorghums in its adaptation to dryland agriculture; developed cotton varieties suited to different conditions, such as Startex, Mebane 140, Mebane 804-50, Westex and others. Director Conner is chairman of the Research Committee of the State-wide Cotton Committee of Texas and conducted arrangements for the Cotton Research Congress held in Waco recently. He has served on a number of the agricultural committees of the East Texas Chamber of Commerce and has given public endorsement of the constructive program being accomplished by the regional Chamber's agricultural department.

## Air Conditioning—

(Continued from page 1) neering laboratory proved to be exactly correct. This experiment was fostered by the A. S. & H. E. who furnished the six-inch pipe that was used in the experiment.

Another nationally known figure to appear at this conference will be W. H. Carrier, who is known as the "father of air conditioning". He is the chairman of the board of the Carrier Corporation in Newark, New Jersey. At one time he installed an air conditioning unit in a diamond mine in Africa in which the temperature ranged up to 140 degrees Fahrenheit. The unit weighed 400 tons and was transported to the location by airplane. Mr. Carrier will be the banquet speaker Friday night.

G. L. Larson is the other outstanding figure who will contribute to the prestige as well as the educational worth of the program. Larson is also here in connection with the educational program sponsored by Dean Gilchrist of the School of Engineering. He spoke twice Monday to students taking Engineering courses and to interested persons. He has also been made a consulting expert for the college for a year. During the short course Mr. Larson will lecture on the economics of good construction as related to heating and cooling of residences, and also on practical duct design.

As a sidelight, the Department has requested P. E. Nicholls, manager Texas Cities Gas Company of Galveston, to point out the possibilities of using air conditioning as a public utility as lights and water. Mr. Nicholls is at present experimenting with just such a set-up in Galveston where he is installing equipment in an area two blocks wide and five blocks long. Air conditioning is usually thought of in terms of one complete unit for each building, but Nicholls is trying to find a way to make one large unit supply the needs of several buildings.

Other lecturers scheduled to appear for the course include a special agent of the Federal Bureau of Investigation, E. L. Richmond; A. B. Banowsky, manager commercial sales, United Gas Company of Houston; C. F. Boester, Director Purdue University Housing Research; Bert Fisher, Manager Southern Branch Office, Payne Furnace and Supply Company of Houston; Fred Habe, Engineer, Blackstone Hotel of Ft. Worth.

## Attic Fans Prove Worthy In Homes

Everyone knows the cooling effect of an automobile ride on a hot, sticky evening. How good it feels while the car is in motion as the fresh night air flows over you! Can you imagine your home sailing along in the same manner—refreshing breezes flowing through every window—across your bed? Naturally, you could sleep soundly and restfully even though it has been stifling all day.

Now you can have such a home. You can enjoy a cool, breezy bedroom every night. Attic ventilation does the job. It literally takes your home for an automobile ride in the cool of the evening.

The Texas A. & M. Engineering

## Barr Here Last Friday For Plant Conference

Dr. H. W. Barr of Washington, D. C., director of cotton and other fibre crops and diseases, of the Bureau of Plant Industry of the United States Department of Agriculture, was at Texas A. & M. College Friday in conference with root rot research workers of the Texas Agricultural Experiment Station.


The Bureau and the Experiment Station work in close cooperation and the Bureau maintains two men, Dr. L. M. Blank and Dr. Frank Eaton, for contact with the Experiment Station.

The work that is being done at the Greenville and Temple stations and at the plant quarantine at Austin is being checked, and plans are being made for the work of the coming year. The meeting is in the nature of an annual conference for this purpose.

Experiment Station has published Bulletin No. 52, "The Installation and Use of Attic Fans," by W. H. Badgett, research associate, for the use of architects, builders, attic fan dealers and home owners interested in an attic fan installation for summer comfort. Its scope is limited primarily to residential applications from an explanation of the function of an attic fan through a discussion of costs, fan selection, installation methods, window fans and operation methods. The bulletin is profusely illustrated with photographs, sketches and detailed drawings, and is written in non-technical language.

Anyone interested in securing a copy of this bulletin may do so by writing the Texas A. & M. College Engineering Experiment Station, College Station, Texas.

A total of 1,700 automobiles entered Mexico at Nuevo Laredo in May, more than double the number in the corresponding month of 1938.



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## CAA Men Discuss Plans For First Class Airport Here

At a recent meeting called by Ralph De Vore of the Civil Aeronautics Authority, the merits of Coulter Field, Bryan Municipal Airport location, and the landing field at A. & M. were discussed for the possibilities of each for the development of a first-class airport for this area. Representing the college at the meeting was Gibb Gilchrist, Dean of Engineering. Also at the meeting were four representatives of the CAA and Col. W. B. Tuttle of San Antonio.

Dean Gilchrist, presenting the claims of the College, stated that the field, which has had the Aeronautical Training course offered at A. & M. in progress on it, has been given a priority rating by the War Department. If the field were approved by the CAA it would be operated according to CAA regulations and would be open to all types of commercial and private aviation, and everything possible would be done to develop as much interest as possible in aviation.

C. G. O'Fiel and J. J. Mithener of the CAA office in Ft. Worth said that the organization preferred to work with municipally owned and operated airports and that if the field was operated by the city with the help of the CAA it would furnish the lights and the city would be required to stand all other maintenance costs. This situation would allow the city to throw open the field to all types of aviation.

However, if the field were operated solely by the CAA, the field would be restricted to except for very special occasions.

There were a few objections to operating a field on state-owned college property, but the advantage of having the field close to where the CAA course is being held and the large supply of civilian training material was not overlooked.

## Chemurgic—

(Continued from page 1) tee that if the intended plan materializes and become successful, a new era of economic cooperation between producer, industry, and consumer will have been attained.

## On WTAW

1120 kc. — 2677 meters

Thursday, August 15, 1940

11:25 a. m.—Sign-On; Weather, News.  
11:30 a. m.—Texas Farm & Home Program (TQN) The Farm & Home "Grab Bag".  
11:45 a. m.—"Pleasantdale Folks" (Social Security Administration) Local.  
12:00 noon—Signoff.

Friday, August 16, 1940

11:25 a. m.—Sign-On; Weather, News.  
11:30 a. m.—Texas Farm & Home Program (TQN)—L. A. Machevohl, Supervisor, Farm Security Administration; Tolbert Patterson, Deputy State Superintendent; A. D. Jackson, Experiment Station.  
11:45 a. m.—Federal Music Program (Works Project Administration) Local.  
12:00 noon—Signoff.

Saturday, August 17, 1940

4:30-5:30 p. m.—The Aggie Clambake.  
11:25 a. m.—Sign-On; Weather, News.  
11:30 a. m.—Texas Farm & Home Program (TQN)—Mrs. F. L. Thomas, Farm & Home Book Reviewer; Representative from Agricultural Education Department; Roy Snyder, Extension Service.  
11:45 a. m.—"Drama of Food" (Farm Credit Administration).  
12:00 noon—Signoff.

Sunday, August 18, 1940

8:30 a. m.—Sign-On; Weather, News.  
8:45 a. m.—Roans Chapel Singers.  
9:00 a. m.—"Meet Your Neighbors"  
9:30 a. m.—Signoff.

Class attendance is not required at Cambridge, England but night hours are rigid. Gates of the college are closed at 10 p. m. and lodging house doors and windows are locked at the same hour. Students are then fined for infraction of the rule.

## Dosca Hale Tells Of The Courteous Way

Young people who are confused by the numerous rules listed by so-called experts on etiquette can solve a lot of their problems by choosing the courteous way over the less courteous way to behave. This is a suggestion offered by Dosca Hale, specialist in parent education and child development for the A. & M. College Extension Service.

The courteous person usually keeps in mind the feelings and the comfort of others," Miss Hale says, pointing out these examples: When a courteous person attends a party he remembers to say good-night to parents, club sponsors, and other hosts and hostesses.

A courteous girl rises when she is introduced to an older woman.

The courteous boy, when walking with a girl, walks on the outside of the walk.

A courteous guest, when invited to a meal, arrives at his hostess' home a few minutes before time for the meal; the less courteous guest arrives late and leaves immediately after the meal is over.

The courteous boy when calling for his date, parks the car at the front and comes to the door for the girl.

If there is an usher leading the way into a public assembly of some kind, a lady precedes a man in walking down the aisle.

The less courteous person who attends a party and does not like the games which are being played, sits back, looks bored, and makes remarks about the entertainment.

To help adolescents solve some of their behavior problems, Miss Hale has prepared a true and false test on "The Courteous Way," which is available to groups of young people interested in doing things the courteous way.

The average college student takes from 1,200 to 2,400 calories a day for mere subsistence. Anything he does—even eating—must be added to this basic metabolism figure.

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