

# Bowl-hungry Cadets Face Rice Owls In Houston Feature Clash Tomorrow

## THE BATTALION

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### Ags Pitted Against Top SWC Offense

BY GARY ROLLINS  
Battalion Sports Editor

The lease to the Cotton Bowl for January 1 will be placed on the sacrificial stone tomorrow at Rice Stadium when the powerful Cadets encounter the Rice Owls.

The Aggies are riding an eight-game winning streak this season, and haven't seen defeat since the final game of 1955.

The largest crowd in Houston football history will gather to see if the Aggies from College Station are really the nation's number one team. Upwards of 70,000 people are expected, and tickets for the game are as scarce as hen's teeth.

Rice has waxed both hot and cold this year, proving every week that they were the "dark horse" of the conference. They won their first two games, and then bowed to Duke's Blue Devils, 7-6. The following week, they eased by the Mustangs by a 27-21 score, only to have Texas' sassy Longhorns trip them up 19-14. Since that defeat, they have seen defeat at the hands of Clemson's Tigers, 20-7 and tasted sweet success by skinning Arkansas, 13-7.

### 1957 Bonfire Officers Named Via Committees

The newly organized 1957 Thanksgiving Bonfire Committee, with all its committee heads, was announced this week.

Heading the whole organization is Lt. Col. Taylor Wilkins, assistant commandant. Student leader for the committee is Ted Lowe, head yell leader. Coordinator of the committee chairmen is Jerry McGown, while assistant coordinators are Don Houston, George Shepard, John Ligon, Donald Kirby and Arvill Newby.

In charge of labors supervision is a four-man committee composed of B. L. Kelley, Sonny Ellen, Dave Cox and Jack Heald. Other committee heads include Ray Sims and Glen Nerren, wood cutting; John Mayfield and David Bonnen, transportation; Tom Miller and Bob Williams, building supervision; Travis Johnson, stackers; Armon Hewitt and Ronny Kimball, supply and safety; Joe Vininaca, communications; John Foster, emergency first aid.

Others are: Jim Groves and Dave Bagley, guard duty; Don McGinty and Curtis Schulze, refreshments; Charles Smith and Carroll Lam, guard fires; Bob Burkhard and Richard Whitmire, oil; Jim Brady, publicity; Jerry Roberts, center pole.

### GOC Members Put On Ready Reserve

WASHINGTON, (AP)—The Air Force informed state civil defense directors yesterday it is putting the entire Ground Observer Corps on a ready reserve basis Jan. 1.

Technological advances in radar warning systems were cited as one reason for the change in status.

This will mean the closing of 29 filter centers and numerous GOC observation posts where thousands of civilians serve around the clock on a voluntary basis watching the skies for unidentified planes.

### Center Pole Set Up For Annual Bonfire

Reaching skyward behind Dunham Hall is the center pole erected today to support the world's largest bonfire.

Aggies Monday will begin over a week of sweat and strain to prepare the huge campfire for the torch the night before the annual Thanksgiving Day fracas with the University of Texas.

With thoughts of the outcome of tomorrow's game with Rice still fresh on their minds, Aggies will grab saws, axes and trucks and race for the woods to cut down the biggest trees possible to throw against the center pole.

Freshmen will be working especially hard trying to beat previous freshman classes by building the tallest bonfire yet. The bonfire record was set in

1954 when the present senior class were freshmen. That year the center pole stretched 75 feet into the air. Its base covered 11,810 square feet; its circumference was 150 feet and its diameter was 48 feet.

An estimated 30,150 cubic feet of wood was burned in that tremendous blaze.

Bonfire officials this year are putting special emphasis on safety. Last year's efforts kept accidents to a minimum. Since 1955, when James Sarraan died from injuries received while guarding the bonfire, special efforts have been made to prevent other accidents.

When the bonfire blazes, it will be representing the burning desire of every Aggie to beat the University of Texas on Turkey Day.

The Philippine Sea, reaching the scene with the destroyer Epperson and Coast Guard cutter Bering Strait, immediately put over motor launches while its helicopters directed the recovery operations.

A radio message, intercepted at Navy and Coast Guard headquarters in Honolulu, was taken to indicate that the bodies and wreckage were scattered over a wide area.

One of two American search planes which had gone out on the hunt early yesterday radioed at about the same time that it was over the area and that two of the bodies were wearing life jackets.

The carrier pilot who made the original sighting said one body remained strapped in a seat of the lost plane.

The discovery was made at 8:40 a. m. Hawaii standard time and the carrier reached the scene about three hours later.

Rear Adm. Thomas A. Ahroon, task force commander aboard the Philippine Sea, indicated he planned to return the bodies and recovered wreckage to the carrier's home port, Long Beach, Calif.

### Civilians Rise To Proposals

BY ROBERT WEEKLY

Civilian Student Council members last night met to discuss problems currently affecting Civilian students at A&M, only to find the problems not ready to be brought before the council.

The big discussion period scheduled to take place on the Civilian students' part in the honor code failed to materialize. The representative scheduled to make the report was unable to attend because of work conflicts.

The second big question of the night also met with dismal failure as yell leaders Ted Lowe and Don Houston failed to appear in their scheduled discussion of bonfire preparations.

### Meteor Study Urged by Panel At AMS Meet

Encouragement of meteorological research was stressed yesterday to 160 meteorologists here for the American Meteorological Society national convention.

In a panel discussion, continuous research and high school training fundamentals were accentuated by panelists.

John R. Gerhardt, Electrical Engineering Research Laboratory, University of Texas, said that all too often meteorological research is started only because of a disaster.

Dr. D. P. McIntyre, meteorological branch, Canadian Department of Transport, expressed concern over high school training in fundamentals.

"I think the high schools of this country—and my own—need to get back to the fundamentals. It now is possible to go all through high school without exposure to science or mathematics."

Dr. Morris Neiburger, Department of Meteorology, University of California, struck out at contract research.

"Contract research has its place but it is limiting on the bright youngsters who do it. It causes a tendency to follow a predetermined path, whose goal is simply the satisfaction of the contract."

He added that it "causes a tendency toward 'hack' research."

### Big Turkey Shoot In Offing Sunday

The A&M Range and Forestry Club will sponsor its annual turkey shoot on Kyle Field Tuesday from 2 to 8 p. m.

The shoot is open to all nimrods, including students, faculty members or anyone else interested. Participants will be divided into groups of 10, with each of these 10 getting two shots at a target. The person with the two best shots in each group will win a turkey.

Proceeds from the shoot go to the Range Plant Identification Team, for help in paying their trip to the National Plant Identification Contest. The team has won this contest for the past two years and can permanently retain the plaque if it wins this year.

Tickets may be purchased for a dollar at the Student Activities Office, the Range and Forestry Department, or from any member of the Range and Forestry Club on the campus.

The bonfire in general was discussed by the traditions committee as they made recommendations for the guarding and building of the bonfire.

A resolution was passed declaring that civilian students will be assigned three-hour periods to help guard the bonfire.

As to construction of signs for bonfire week, Representative Pendleton said:

"I believe only those dormitories that help build and guard the bonfire should have the privilege to erect signs on the drill field."

The council encourages all students to stimulate their interest and help build and guard the bonfire.

Bennie Zinn, head of student affairs, warned against the wearing of high school letter jackets at A&M, since it is against college regulations.

Lester Berry, vice president of the council, said the 12th Man Bowl won't be held at the regular time this year since the varsity won't be able to provide coaches and trainers because of the expected post season game. Tentative plans call for a replacement of the bowl by a "post season basketball game."

The council held a spirited debate on the merits of a letter directed to those civilian students that dress as "scrunges".

The most sincere retort given last night in answer to a rebuttal on the question was a representative's directive:

"Publishing this letter will only hurt those scrunges. Let it hit the Battalion as such."

### Ag Student to Get Scholarship From Borden Foundation

The annual presentation of the Borden Foundation agricultural scholarship will be made at the next meeting of the Kream and Kow Club Tuesday night at 7:30.

W. W. Echols, '36, of the Borden Southern Division, will present the award.

This award, first started in 1946 and awarded by the Borden Foundation ever since, is a \$300 scholarship given to a senior student in agriculture.

Purpose of the award is to create more interest in the dairy industry and to promote and reward superior scholarship in this area. Similar awards are given in each of the land-grant colleges offering a major field of study in dairying, and in each of the accredited veterinary schools in the country.

### Faculty Fellowship To Meet Tuesday

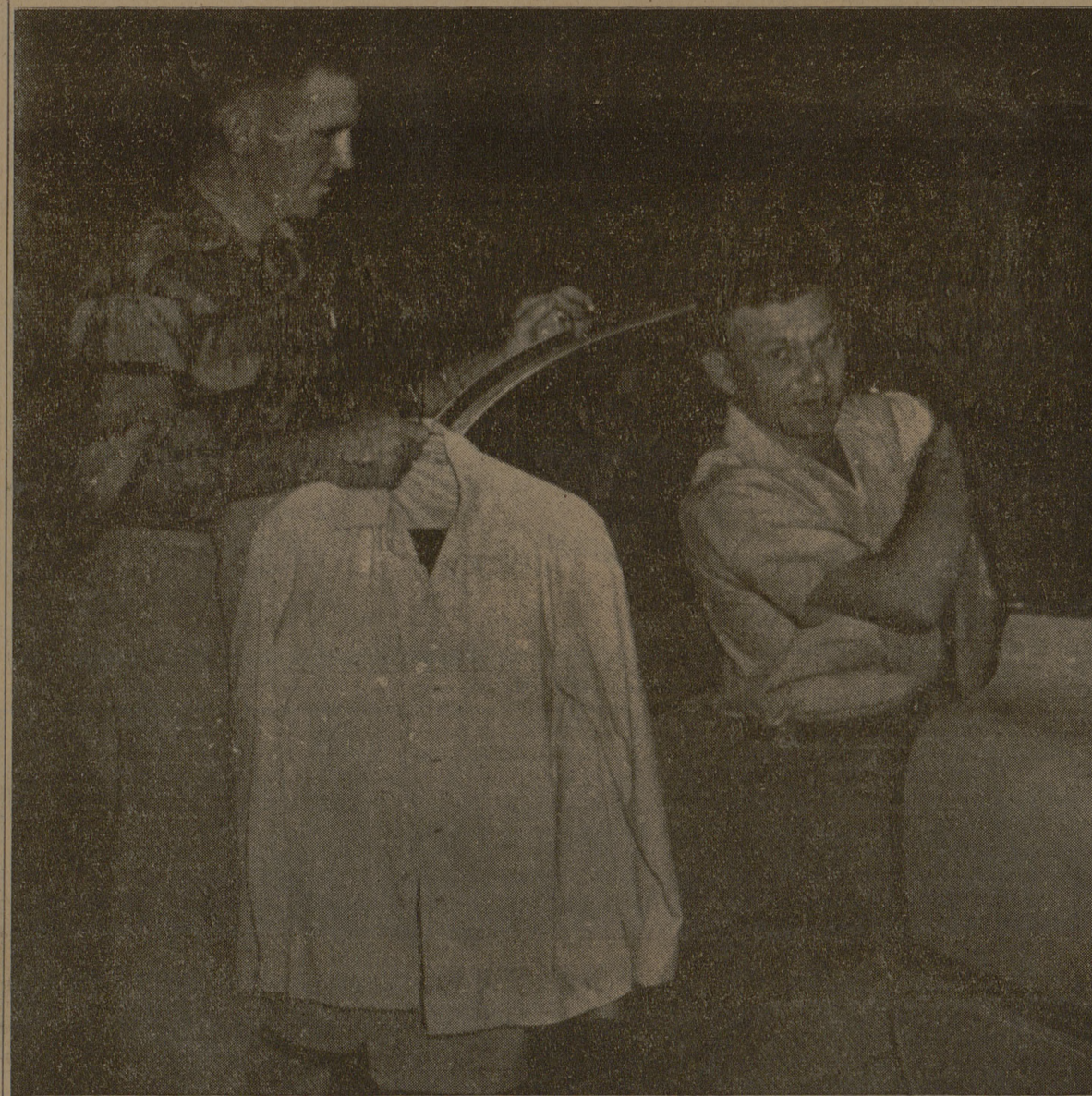
The Faculty Christian Fellowship will hold its November meeting in the A&M Chapel Tuesday morning beginning at 6:30 a. m.

Opening with individual meditation and organ music by Dr. Murray Brown, the program includes a devotional by Dr. R. E. Leighton and ends with coffee and doughnuts in the YMCA South Solarium.

### Weather Today

Cloudy skies are expected this afternoon, with thundershowers in the early evening.

Relative humidity at 8 this morning was 100 per cent, and the temperature, 66 degrees.



Aggies Leave Early for Houston

Wayne Yeager (left) and Jim Hanna, sixth for the Rice-A&M game in Houston tomorrow students from Puryear and Leggett row. Halls, pack their clothes preparing to leave

### In ME Shops

## \$97,000 Atomic Reactor Aiding Science on Campus

By LEWIS REDDELL

An unimpressive looking machine located in the mechanical engineering shops could produce an amount of energy almost beyond human comprehension if its power was fully unleashed.

The machine is an atomic reactor called an AGN-201, which has been in operation at A&M since September 1, of this year.

Although the word reactor is a familiar part of everyday vocabulary, few really know what it is and what the purpose of the machine is.

Reactors are machines that produce neutrons, which are small uncharged parts of atoms, and gamma rays, which are similar to x-rays and heat. These are produced through the fissioning or splitting of atoms of uranium.

The reaction that takes place in the machine is carefully controlled, and it is in this respect different from an atomic bomb.

Reactions are occurring in the reactor at all times, for the atoms continue to split constantly. The process can be speeded up by inserting control rods in the machine. These control rods are simply small amounts of uranium which cause the splitting of the atoms to speed up.

The purpose of the machine is to make radioactive materials for scientific research and gamma rays for use in medical treatments.

Although the machine is owned by A&M, the Atomic Energy Commission determines the amount of uranium the reactor may use and what amount of watts may be generated.

A&M's reactor operates at a maximum heat of one-tenth of a watt, although it is capable of producing several million watts. The reactor, however, will be used for training and research for hundreds of years before generated.

A mobile instruction team from Fort Sill, Okla., will give an orientation on Army missiles used by the field artillery Tuesday night in the auditorium of A&M Consolidated High School.

The orientation will include historical development, tactical employment and capabilities of the surface-to-surface missiles used by the field artillery.

Heading the instruction team at College Station is Maj. Woodrow W. Wiltse and Capt. Robert J. Ellison, instructors from the U. S. Army Artillery and Missile School.

Lt. Col. Veon M. McConnell, unit advisor for the College Station reservists, announced that all reservists and interested individuals are invited to attend the two-hour presentation.

Auditions for the Aggie Talent Show are scheduled for Monday and Tuesday nights at 7:30.

Persons who have previously signed up for auditions are asked to go by the Directorate Office in the Memorial Student Center and schedule an exact time for their audition.

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