

Rugby team beats Rice, wins state championship

MICHAEL PRICE
Battalion Sports Writer

Rolling up to a 10-0 win record for the season, the A&M Rugby team downed Rice University 19-0 to win the Texas State Rugby Championship at Memorial Park in Houston on May 1.

The A&M squad went the whole season without having a touchdown scored against them until they met the Owls, who were able to hamper the Aggie attack. In the end, though, it was the Ags who were able to hammer through the Rice lines to win.

Later, that afternoon, the team went down to play in a "friendly" game of rugby against the Galveston Rugby Club and defeated them easily with a score of 24-5.

"We could have played much better rugby against Rice," commented the A&M club's British coach, Roger Boos. "If we had played as we had against the team from Texas, they might not have scored a touchdown against us, but you never know. That team is a really good one. I think we beat them a lot through our team spirit."

Boos cited his best two players of the day as Butch Preston and Gary Junot.

Scoring for the Aggies in the 5 a.m. game against Rice were Captain Rayton, with five points as well as a penalty kick and consolation kick; Bob Elmore, two points on a conversion kick; Mark Fisher, John Gunn, Steve Struan, and Mark Anthony, each with three-point touchdowns.

Elmore was recently presented with the coaches' award by Boos as the most outstanding player of the season for the Aggies.

He is also nominated for the Texas All-Star Rugby Team. He went with Andy Scott, Gene Anpart.

IERD studies port facilities

Development of a work plan for an offshore port facility to be built off the Texas Gulf Coast near completion in A&M's Industrial Economics Research Division.

Need for the study was generated by the new supertankers, which have dead weights of over 100,000 tons. No existing Texas port can accommodate the huge four-deckers.

James R. Bradley, IERD head, and Dan Bragg, engineering associate, are directing the research. Support is being provided by the A&M Sea Grant Program, the Texas Regional Export Extension Council and the Ports Commission, Galveston and Port Freerport.

"Unless Texas ports can properly accommodate the supertankers, it appears that their ships will go elsewhere and Texas will be penalized accordingly," Bradley noted.

Studies leading to the building of a facility capable of handling supertankers will be part of a report. Additionally, recommendations will be made for possible sources of funds for the project.

person, Rayton, and Fisher. Though there will be no all-star competition this year, Boos hopes that there will be competition with other states in the all-star competition in the next few years.

What does the picture look like for next year's rugby team? Quite well, according to Boos.

With the entire first squad returning, Boos feels he will be able to put together an even finer team next years as he hopes to be

able to enlarge the number of men on the team through recruits.

"The union is growing," said Boos, "with a higher standard of rugby being played. I find that the main problem is inexperience, but the potential talent is very high, particularly here at A&M. With a little more training, I think we can have one of the most powerful teams in the country, mainly because of the amount of spirit this team has."

Firemen's School gives experience

"Experience is what we're selling, not a training program," claims David White, coordinator of a new recruit training school conducted through the Firemen's Training School at A&M.

"When a man has to fight a 6,000-gallon tank full of flammable fuel with about 2,000 gallons overflowing, he can't walk away without learning invaluable information," White said.

"Most firemen work for a department for years and are never faced with an unusual problem. Then one day . . . bang, and he's not real sure what to do.

"We have people coming through our program who know what to do and how to do it," he declared.

White is one of seven instructors employed by A&M's Engineering Extension Service. Headed by Chief Instructor Henry D. Smith, the fire training division is charged with providing the first training for firemen who cannot receive training anywhere else.

It means offering all types of fire service programs to volunteer departments, industry and military services and in some cases supplemental courses for large departments with their own training programs.

The newest program is the recruit training school, started last fall to provide 240 hours of intense instruction at the Brayton Fire Training Field on the campus.

The course is designed for Texas fire departments but is open to firemen from any state.

White expects 100 rookies to complete the course during 1971.

"We emphasize practical experience," he pointed out. "What the rookie learns in the classroom is just about worthless unless he is able to follow up with the real thing.

"When a man finishes this course," White contended, "he knows what's expected of a fireman and the department. In some cases he returns home better trained and with better judgement than experienced firemen."

The program emphasizes public relations at all times.

"Every fireman is a public relations man," White said. "Our goal here is to impress upon the man that his attitude can effect the overall image of the department."

The recruits are told to become

involved in their community and let the newest citizen to the city officials know the department is dedicated to providing quality fire service.

White said a part of the training includes rescue and fire-fighting operations on aircraft, transport trucks and train tanks, bulk loading stations, liquified petroleum gas (LPG), drill tower exercises, breathing equipment, emergency driving, equipment maintenance and pump operations.

Aircraft fire training centers around a U. S. Air Force DC-6. Instructors spill 2-3,000 gallons of fuel on and around the fuselage, set it ablaze and extinguish it with both water and foam.

"Water is used because the average fire department doesn't have foaming capabilities," White pointed out.

Rescue operations are taught from a minimum of equipment to modern rescue apparatus.

Bulk transport fires could occur anywhere in the country with a major highway close to a community. White observed. He said rookies are also given instruction into flammable liquids and the proper fire-fighting techniques for each.

Included are attacks both upwind and downwind. Men caught in the downwind fire are forced to use fogging nozzles to provide a safety cover during retreat.

LPG problems are broken into two parts. In one, a Christmas tree-type system is used to explain pressure fires. In the other, a fire around a LPG tank causes the relief valve to blow.

In both problems the objective is to cool the system and shut off the fuel supply.

White said the exercise is important for any community where a regulation station or pipeline station is located in or near the community. It also is necessary for communities with rural or city LPG tanks within the department's call area.

Drill tower problems are based on multi-company drills, from one engine company to a truck company (two to 12 men involved).

Drills include advancing hose over ladders and stairways. White reported the drills teach teamwork and coordination, and the importance of taking directions from a chief officer.

Breathing equipment, emergency driving, maintenance and pump operations emphasize safety and responsibility for the proper operation of the equipment.

The pump operations course differs from the training received by most rookies. White makes sure each man is at least qualified in the basic operations of the fire truck pumper.

"Every man has to expect he will be needed to operate a pump at some time in his career," White maintained. "Firemen from small departments never know when they will be forced to operate or work in relief." He adds every fireman must know the basics of pump operations.

Classes are held every six weeks on the A&M campus, except during summer months. Total cost for registration, meals and housing is \$262 for the six weeks.



FOUR MEMBERS OF the A&M Rugby team fight for possession of the ball in a lineout against Rice University. The Ags went on to beat Rice and win the state championship. (Photo by Hayden Whitsett)

Campus briefs

Hightower receives grant

Dr. Dan Hightower of A&M's College of Veterinary Medicine has received a \$70,000 renewal grant from the National Aeronautics and Space Administration to study radiation effects on the eyes and skin.

The associate professor of veterinary physiology and pharmacology will study the biological effects of low energy protons.

NASA funding is through Dec. 31, 1971. Dr. Hightower is in his third year of research.

Co-investigators are Dr. James B. Smathers, assistant professor of nuclear engineering, and Drs. James R. Kyzar and Eugene Wright, research associates, Veterinary Physiology and Pharmacology Department.

\$500 donated to dramatics program

A \$500 gift to the Children's Creative Dramatics Program at A&M from Mr. and Mrs. S. A. Olson of Comfort has been accepted by President Jack K. Williams.

Mrs. Sim Reeves Jr. of College Station, the Olson's daughter, made the presentation in behalf of her parents. Mr. and Mrs. Olson have donated \$1,500 to the children's summer program during the past three years.

Olson is an independent oilman and Mrs. Reeves is a former secretary to C. K. Esten, director of the Theatre Arts Section of the English Department.

The children's program is headed by Esten.

Moffitt ties for fourth in chess tournament

Jim Dunning of Austin won the San Jacinto Open chess tournament held May 1 and 2 by the A&M chess club.

John Moffitt, physics graduate student of Midland, represented A&M in the top five places of the U. S. Chess Federation-sanctioned tournament. He tied for fourth with S. Snapp of Houston.

Second place prize money also was shared by Billy Patteson and Jerry Garrett of Houston. Dunning's first prize money was \$100.

Winners in the unrated class were D. Flewelling of Harlingen and B. Glover of Georgia. The tournament, hosted by the Chess Committee of the Memorial Student Center, attracted 50 players. Moffitt was tournament director.

Broyles wins writer award

Clifford D. Broyles, son of Mr.

and Mrs. Robert R. Broyles of 404 Second St., Palestine, is the recipient of the Outstanding Staff Member Award presented by The Battalion, student newspaper at Texas A&M University.

The senior journalism major is Battalion sports editor.

Broyles was honored at the annual Student Publications Banquet. The award is presented by The Battalion staff to the person who worked hardest during the school year.

JETS featured in magazine

The Junior Engineering Technical Society (JETS) coordinated for the state at A&M, is featured in the April "Texas Professional Engineer."

The Texas Society of Professional Engineers publication devotes three pages of the organization which holds annual competitions at A&M.

Dr. J. G. McGuire, assistant dean of engineering, has served as state coordinator since the Texas JETS programs was introduced in 1955.

Viewpoints of the teacher-sponsor and engineer are included in the TSPE magazine article.

Photos by Fran Zupan are displayed

A photo essay on the Brushy Day Care Center west of College Station is featured in A&M's Journalism Department.

Photographed by third year journalism student Mrs. Fran Zupan, the 19 photographs are displayed in a magazine-style layout.

Mrs. Zupan shot the photos during eight different sessions at the center. Her work represents a course assignment from Asst. Prof. Howard Eilers in the advanced photography class, Journalism 411.

The series is entitled "The Black Child Learns to Compete." Brushy Day Care Center is operated to offer free day care for children of working mothers in the predominately Negro community.

"I attempted to show how the children learn to get along in life and work with each other," Mrs. Zupan said.

The exhibit will be displayed until May 14 in the department offices on the third floor of the Services Building.

Rice professor to give lecture

Dr. J. P. Hannon, assistant professor of physics at Rice University, will lecture on "Mossbauer Optics and Tests of Time Reversal Invariance" Wednesday at A&M.

The Physics colloquium begins with a coffee at 3:30 p. m. and lecture at 4, all in Physics Room 146. The program is open to the public.

Alaminos to study continental drift

Continental drift will be studied on the final leg of the three-month cruise of the oceanographic research ship, the Alaminos.

Dr. Davis A. Fahquist of the Geophysics and Oceanography departments is chief scientist on the final segment of the cruise.

"Geophysical studies will be concentrated in two geographic locations during the return voyage — the Nicaraguan Rise southwest of Jamaica and the Cayman Trough northwest of Jamaica," Fahquist said.

The continental drift theory states that the earth's crust is divided into plates which slide about like slabs of ice on water. The earth's major geologic activities, such as earthquakes, fault-

ing and deformation of sediments, take place where one plate meets another.

"The Cayman Trough is the location of present-day geologic activity," Fahquist added. "It is envisaged as the boundary zone between two large lithospheric plates — the Americas plate and the Caribbean plate — which are still moving relative to one another," he added.

Proposed studies for the voyage include seismic reflection profiling, measurement of the earth's magnetic field and attempts to dredge rocks from the flanks of the Cayman Trough.

The Alaminos departs from Aruba, Netherlands Antilles, on Friday (April 30) and will return to Galveston May 16.

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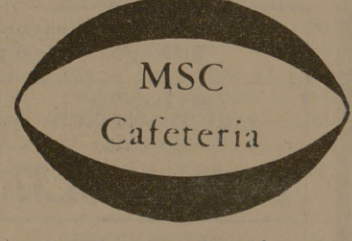
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THE ALTERNATIVE

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