#### Living Memorial Growing Fast For 1886 Graduate

A&M College in 1886 and as a Experiment Station building. Three tree was, judging from pictures botanist spent the rest of his life other trees are just east of the taken years ago." here until he died more than 30 Kyle Field stands. years ago, has his own living Hybridization of crossing plants strain has grown twice as rapidly memorials. The "Ness Oaks" are or trees provides vigor, faster as other oaks. exceptionally fast growing.

Ness was a pioneer in forest Ness oaks have done. tree breeding and so far as is Blackhurst said "in diameter by Ness to produce his hybrid known he was the first in America and among the first in the world to produce controlled hyca and among the first in the brids between species of forest

ter as recalled by friends and indicated by correspondence files.

Texas A&M" is Ernest Langford's description of Ness. Langford, now the university archivist but for many years head of architectural instruction, resided next quired of applicants for admission attention now is being paid the door to the Nesses before the botanist died Dec. 30, 1928.

#### **Student Slates** Colorado Meet

Billy Richardson, A&M University graduate student, will present

The Channelview resident has been studying the effects of ioniz-

Richardson examined the influence of light on the germination of testing date. nine ornamental plants used for decorative purposes and two lettuce varieties.

"Most seeds are light sensitive to some extent," Richardson com-

He found that some plants grew faster once irradiated while other varieties had opposite responses.

"Generally speaking, red-filtered light greatly promoted germination compared to dark-germination seeds, and near infra-red light greatly reduced germination," Richardson explained.

The gamma-irradiation was accomplished by exposing the seeds to a Cobalt 60 source, housed at the A&M Nuclear Science Center.

A Robert E. Lee High School (Baytown) graduate, Richardson received his bachelor's degree in floriculture and worked as a technician in the Department of Floriculture until he entered military service in 1959.

He received his master's degree in January. His research with seed germination was used to fulfill partial requirements toward his advanced degree. Richardson currently is working toward a doctorate in plant sciences.



#### **GREAT CHEFS** TEMPERAMENTAL?

We can't really say if they're all temperamental... but we know about the chef at Ramada Inn! His disposition is so miserable . . . his voice so loud and abusive — if his food wasn't so spectacular he'd be out of work tomorrow! Temperamental isn't the word for him. But the way he prepares a steak! Easily angered? Salads like you've dreamed of! Mean and sassy? Well, we didn't hire him because he was a nice guy.

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growth and that is just what the An overcup oak and a live oak

## He also was a colorful charac- For Required "One of the grand old men of National GRE

A&M University again will be to many American graduate subject, Blackhurst said. schools, S. A. Kerley announced as Ness also labored in other ways

nounced," he said.

The national test dates for 1964-65 are Nov. 21, Jan. 16, March 6, April 24 and July 10.

More than 80,000 persons took Graduate Record Examinations last year, the Educational Testing Service announced from its headquarters at Princeton, N. J.

For the first time this fall an results of his research at the Amer- Advanced Business Test, designed and mounting enthusiasm the en- years ago. This makes it some other materials found on the bot- vealed the fossilized remains of fered, Kerley said.

Helge Ness who graduated from in front of the Texas Agricultural they are greater than the parent

Dr. Blackhurst said the Ness

were crossed in 1909 and 1910

Professor Fred R. Brison who retired recently recalled at the plaque ceremony in 1961 that Ness had said "The speed of growth of the oak is slow and before the hybridizer can really judge of the success of his work, life is gone. ... He is working for another generation."

This very slowness of growth a testing center for the national has discouraged work in hybridi-Graduate Record Examinations re- zing forest trees, although more

director of the campus Counseling for future generations of Texans. "The hybrid vigor of the Ness and Testing Center.
Oak is extremely outstanding," Professor Homer T. Blackhurst "Texas A&M also participates in the institutional testing program the institutional testing program the property of the campus and testing program the worked extensively at improving the property of the campus and testing program the worked extensively at improving the worked extensively at improving the professor and developed the Ness than the professor and the pro of the Educational Testing Service isiana dewberry and the raspberblackberry which is finding wide acceptance.

ry patch Ness had developed in is almost 12,000 feet deep. that work. The class was caught The evidence is in the form of Other cores taken within half fraction. redhanded by Ness.

ican Institute of Biological Scienc- for candidates who have majored tire class (the instructor included) of the oldest sediment recovered tom throughout the Sigsbee Deep," creatures which became extinct es meeting in Boulder, Colo., Aug. in business administration at the in all the seven languages at his from the bottom of the Sigsbee Bill Bryant said. The A&M as about a million years ago. Thus undergraduate level, will be of- fluent command," Brison recalled. Deep, deepest part of the Gulf. Candidates are permitted to take was on the verge of becoming a material recovered in one of the when the Research Vessel Alaminos ing radiation on seed germination. both the Aptitude Test and one land of berries, but our unfortu- 40-foot cores or samples brought sailed from Galveston to the south- hope to sail early next year on The appointment of Thomas Advanced Test on any nationwide nate excursion had reduced that up from the Sigsbee Deep leads western Gulf and took the deep another cruise and take more cores announced by A. E. Cronk, head possibility to naught."

Canned Picnic Morrell Pride, Na Waste, \$2.98

Dungeness Crab Tonder & Juicy. 59¢

Jumbo Bologna Sliced. Perfect for sandwiches, 18-Oz. Pkg. 494

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Pork & Beans

**Green Beans** 

Gardenside Cut. Tender. No. 303 Can

**Green Peas** 

Lemonade



NEW CONSTRUCTION . . Miss Joan Hager, right and Mrs. Linda Kelley test a structure of cardboard.

Cardboard Usage Te Expanded To Roof James H. Marsh, III, is an as- | wrinkled to give it strength.

sociated professor of architecture | Working with Marsh is Ross who mixes research with a regular (Rocky) P. Thorpe, a U.S. diet of teaching.

His best-known work involves vanced studies. thin-shell construction, using a Their finished product is a 'spider webb" of steel rods, sprung ble curved roof, which would into position and sprayed with con- ideal for outdoor covering in

Once the concrete hardens, the many strips of cardboard, with structure is permanent. One of the waterproof coating applied to New York World's fair buildings entire surface. was constructed on the Marsh

so involves a thin-shell facility, less than \$5. but instead of using steel, Marsh The structural applications is experimenting with plain card- roofs constructed with corrug

Marsh commented, bending a piece plained. of paper. "But if we fold the paper | "But most likely would be like bellows, the paper develops a longitudinal strength." fined to residences, schools or ters," he added. "Strength, we

is thin, but the inner portion is tors that make the material is

Force captain back at A&M for a

patio, for instance. It consists

Marsh and Thorpe estimate total cost of materials for The professor's latest project al- eight foot square roof section

cardboard could be applied to "A sheet of paper is flexible," most any building type, Marsh

The corrugated cardboard used cost and ease of handling are portant."

How strong is the roof? "We test loaded it with we greater than that of man," Man commented. "It's strong."

The interior makeup of the includes many strips of cardboa and a honey-comb type core structed of strips of corruga cardboard about 11/2-inches dee

Thorpe is continuing the

## Thomas To Join

Dr. Richard E. Thomas, a sp cialist in mechanics of superso spaceflight, will join the Ak University Department of Am space Engineering Sept. 1 as a

aerospace engineering at A&M.

### Geological Oceanographers A memorial plaque honoring the memory of Ness was mounted in 1961 on one of the two Ness oaks of the Educational Testing Service and graduating seniors will take the tests on dates to be an 1961 on one of the two Ness oaks of the Educational Testing Service isiana dewberry and the raspberry stock the tests on dates to be an 1961 on one of the two Ness oaks of the Educational Testing Service isiana dewberry and the raspberry stock was used in developing the Brazos of the Educational Testing Service and graduating seniors will take the tests on dates to be an 1961 on one of the two Ness oaks of the Educational Testing Service and graduating seniors will take the tests on dates to be an 1961 on one of the two Ness oaks of the Educational Testing Service and graduating seniors will take the tests on dates to be an 1961 on one of the two Ness oaks of the Educational Testing Service and graduating seniors will take the tests on dates to be an 1961 on one of the two Ness oaks of the Educational Testing Service and graduating seniors will take the tests on dates to be an 1961 on one of the two Ness oaks of the Educational Testing Service and graduating seniors will take the tests on dates to be an 1961 on one of the two Ness oaks of the Educational Testing Service and graduating seniors will take the tests on dates to be an 1961 on one of the two Ness oaks of the Educational Testing Service and graduating seniors will take the tests on dates to be an 1961 on one of the two Ness oaks of the Educational Testing Service and graduating seniors will take the tests on the Educational Testing Service and graduating seniors will take the tests of the Educational Testing Service and graduating seniors will take the tests of the Educational Testing Service and graduating seniors will take the tests of the Educational Testing Service and graduating seniors will take the tests of the Educational Testing Service and graduating seniors will take the test of the Educational Testing Service and graduating seniors will take the test of

A&M University geological about the shaping of the Gulf of oceanographers have a puzzling bit Mexico. One interpretation is that proven interesting. Geologists here search to develop cardboard structured as a continuing the concretions has oceanographers have a puzzling bit oceanographers have a

to geologically exciting questions cores.

group of A&M students on an of evidence brought up from the it has been a large basin for much and in a major oil company labora- tures of different shapes. agronomy field trip invaded a ber- bottom where the Gulf of Mexico longer than some specialists now tory at Houston attempted to believe.

whitish "light rock" or concretion a mile of where we found this "He excoriated with great relish found in clay deposited a million concretion contains clays and the of the concretion and clay resistant professor headed the sci-"His general theme was that Texas | The bits of "light rock" and clay entific party on a recent cruise

identify a sample by X-ray dif-High-powered microscopic study Faculty In Sept.

A&M geological oceanographers associate professor.

from the Sigsbee Deep

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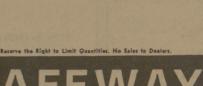
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