

Wainerdi Traces Australia-Africa Link

Australia may be merely a chunk of Africa which broke off eons ago and drifted east some 5,000 miles.

While the theory sounds far-fetched, scientists are reasonably sure a similar situation occurred with Africa and South America. A quick look at a world map suggests such a former connection and mineral analysis may help confirm it.

All but the most ardent diehards, in fact, now accept Alfred Wegner's 1912 continental-drift theory, the once-controversial idea that the earth was originally composed of a single unit of land which he called "Pangea." Scientists have since composed jigsaw puzzle-type maps which they think show the original linkage between North and South America, Europe and Africa.

SO, WHY NOT Australia and Africa, not to mention the relationship of Asia with other land masses?

While much of the continental-drift investigative work has involved matching rock samples, Dr.

Richard E. Wainerdi, associate engineering dean, suggests chemical analysis of trace elements to help determine ancient links between land masses.

Dr. Wainerdi, a chemical engineering professor, heads the Activation Analysis Research Laboratory here, generally regarded the largest and best equipped facility of its type in the Free World.

ACTIVATION Analysis is a highly sensitive nuclear means for determining chemical content. The technique is normally employed in measuring units of one part to a million or more.

The Activation Analysis Laboratory, along with the Oceanography Department, has been exploring the field of chemical composition mapping for approximately two years. Cooperating in the project are scientists from South Africa and the Philippines.

Wainerdi points out activation analysis could be employed for "geochemical prospecting" on both land and the ocean floor. His group developed a miniature AA system for lunar and planetary exploration which might be adapted for use in submarine geological probes.

Wainerdi concedes the use of

activation analysis in such an endeavor would be expensive, with large numbers of samples desired for analysis. Although expensive, it could be revealing—and possibly provide the missing link between Africa and Australia.

Agriculture Starts Co-Op Program

The College of Agriculture will soon offer a work-study cooperative program similar to one currently used by the College of Engineering.

The plan will be open to any student who has completed his freshman year with a 1.5 grade point ratio and at least two years of school remaining, says Dr. R. C. Potts, associate dean of agriculture.

Potts said anyone wanting further information concerning the new agriculture program should contact him in the Systems Administration Building.

Bowmen Set Weekly League Meetings

The Brazos Bowmen Field Archery Club will form leagues, similar to bowling leagues to meet every Monday at 7:30 p.m. in the Memorial Student Center bowling alley, according to John Bendele, club reporter.

Bendele said rules and regulations will be as follows: Only club members will be allowed to shoot; an archer must shoot nine out of ten arrows into the face of a Professional Archers Association indoor target at 20 yards to qualify; the teams will set up an archer's handicap to keep the teams as equal as possible; and each archer will be charged 50 cents.



WEEP FOR THE DEAD

Friends of Dolly Harrison weep at Covington, Ga., after learning Dolly was killed along with 10 others when a drag racer went out of control at Yellow River Racing Strip. Scores of other spectators were injured when the racer hurtled into the crowd. (AP Wirephoto)

JETS Confab Here Draws Nearly 1,000

Nearly 1,000 high school students, teachers, counselors, professional engineers gathered here today for the annual conference of the Junior Engineering Technical Society.

Keynote speaker for the meeting was Dr. A. C. Ingersoll, dean of engineering at the University of Southern California, discussing "Why A Career Engineering?"

A&M Assistant Engineer J. G. McGuire, who also was JETS state coordinator, was major portion of today's program for the students is devoted to competitive test sessions followed by a tour of College of Engineering facilities.

The students will complete chemistry, engineering graphics, mathematics, physics and rule, with the winners announced at the close of the meeting. The final 4 p.m. session also will include presentation of JETS awards and honors to participating papers.

While the students will attend tests and tours, visiting teachers, counselors and engineers are participating in seminars.

House Panel Okays Tech Med School

AUSTIN (AP) — The House State Affairs Committee has approved a medical school for Texas Tech and a University of Texas at San Antonio. It sent to subcommittees bills that would create a University of Texas dental school in San Antonio and a University of Texas at Dallas.

another \$14 million — into a foundation for the support of the school.

The committee went to school on the four bills Wednesday night, staying in session until nearly midnight.

In addition, it approved a "curfew law" that would permit the governor or a city council to declare a state of emergency for 72 hours in a particular area, prohibiting the sale of firearms, inflammables and liquor and restricting motor and pedestrian traffic.

It heard testimony on a bill to extend death benefits to widows and minor children of volunteer firemen, part-time policemen and guards at youth council institutions and the Rusk State Hospital for the criminally insane. The benefits would accrue only when death occurs in the line of duty. The bill was sent to a subcommittee.

THE BILLS on the Texas Tech Medical School and UT-San Antonio now go to the house floor for action.

The only opposition to any of the school bills was voiced by Dr. Bevington Reed of the College Coordinating Board, who said the board does not recommend establishment of UT-Dallas.

The Southwest Center for Advanced Studies (SCAS), Dallas, has offered the state \$14 million in land, buildings and cash to build UT-Dallas at their school. In addition, SCAS promises to put its other 950 acres — worth

Since control of the service was transferred to Food Services, Maddox said, a charge has been levied for its use. He introduced a resolution stating that Food Services should provide the service free, as had previously been done, which passed.

MADDOX introduced three resolutions for Senate consideration. The first dealt with the use of the first service in the MSC. The service was collected 15 years ago by two senior classes and J. Wayne Stark, MSC director. It is valued at over \$20,000, and was intended for use by students at no charge.

The third resolution dealt with access to professors' grades. The Committee on Educational Procedures and Excellence believed that the committee should check out complaints against professors before filing a hearing with the department head concerned. This resolution also passed.

Howard moved to allow officers to wear sweaters with an A&M insignia on the pocket as recognition for service. The motion was unanimously defeated.

French Agriculture Student Needs Texas Farm Work

A 17-year-old French youth seeking to spend the summer in the U. S. needs work on a Texas farm.

G. Guennal of Rennes, France, an agricultural student, hopes to work and learn American agricultural techniques if he can find a place of employment.

The request was made to A&M officials who are trying to locate a situation for the youth, said Foreign Student Advisor Robert L. Melcher.

The translation of Guennal's letter to A&M said: "I am writing to you on the advice of Mr. Stroud, mayor of Amarillo.

"I am a student in an agricultural school in France. I am 17 years old. I should like to spend my next summer in a farm operation in the U.S., and thereby improve my knowledge of agriculture.

"I should like to know what the parents of one of your students who are operating a farm operation or a farm, would not employ me for a period of about two months.

"I would greatly appreciate if you could bring this request to the attention of the student in your institution who could help me."

Offers of assistance should be made through the Foreign Student Office.

SENATE CALLS

(Continued From Page 1)

Aggie Band was taking two buses to Fort Worth Saturday for the A&M-Trinity game. He noted that 15 vacant seats existed and interested students could ride up and back free by calling Jack Lamb, Combined Band sergeant-major.

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Time: 3-12-69, at 3:00 p. m.
Place: Rm. 357, Chem. Bldg.
J. K. Gladden, Chairman of Committee

THE GRADUATE COLLEGE
Final Examination for the Doctoral Degree
Name: Kerr, Walter Langston
Degree: Ph.D. in Education
Dissertation: THE IMPACT OF TITLE ONE, THE ELEMENTARY AND SECONDARY EDUCATION ACT OF 1965, ON THE LUFKIN INDEPENDENT SCHOOL DISTRICT.
Time: Friday, March 14, 1969 at 1:45 p. m.
Place: Room 442 of Academic Building
George W. Kinze, Dean of Graduate Studies

The English proficiency examination required of all junior students majoring in education will be offered from 2 to 4 p.m. on April 15 (Tuesday), 1969, and again from 4 to 6 p.m. the same day. Students may take the examination at either time by reporting to Room 308 Nagle. Examinees should bring pen, pencil, dictionary, and composition paper. 761fn

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Pre-veterinary medicine students who expect to qualify as applicants to the Professional College of Veterinary Medicine in September 1969 may obtain applications at the information desk in the Registrar's Office. April 1, 1969 is the deadline for filing applications and transcripts with the Registrar.
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