

American Geochemists Think Red Scientists Outdistanced

By VERN HAUGLAND

WASHINGTON — (AP) — Russia got the jump on the world 17 years ago in the important new science of geochemical prospecting, but American geochemists think they may have caught up with or even outdistanced the Soviet scientists in giving the pick-and-shovel prospector a new tool—the chemical kit.

They can't be sure, because Russia clamped a secrecy lid on geochemical research a year ago. Since January 1948 no new reports on Soviet work of this type have been available.

It's all very important from a security standpoint because the nation that maps its hidden ore deposits the most thoroughly is in the best position to use those resources in time of war.

The U. S. Geological Survey has made public the translations of six Russian papers on geochemical research. The most important article, by Soviet geologist E. A. Sergeev, summarizes Russia's work up to 1940 in soil analysis as a method of prospecting for mineral ores.

Says youthful, curly-haired Herbert E. Hawkes, director of the Geological Survey's two-and-a-half-year-old project for geochemical research:

"Our program got under way in 1946. In addition to laboratory

work, we started digging through all the obscure little journals in government libraries, looking for papers on what other countries were doing about soil-analysis prospecting. We found to our complete amazement that the Russians were 14 years ahead of us. They had started the work in 1932."

Some phases of prospecting research were under way in other countries, Hawkes says. Sweden, for example, was making progress on the chemical analysis of vegetation as a clue to the soil's composition.

But most of the reporting on the subject was by the Russians. Hawkes himself had to learn to read Russian in order to translate the articles and to check the accuracy of translations by other persons.

Hawkes says at least three commercial companies in the United States already are experimenting in geochemical prospecting. The Geological Survey project, he adds, is "barely reaching the stage where we are ready to give it a whirl in the field."

HORSLEY ELECTED

Wendell G. Horsley, son of Wendell R. Horsley, director of graduate placements and personnel relations, was elected this week as secretary of the Sigma Alpha Epsilon fraternity chapter at the University of Denver.



Mathews Receives Bachelor Degree

Ward O. Mathews of College Station has been awarded a Bachelor of Laws degree from Stanford University according to the director of information at Stanford.

Mathews was one of 346 who graduated at the end of the autumn quarter. Graduates will receive their diplomas in June at the regular exercises.

THE AGGELAND ORCHESTRA

under the direction of Bill Turner will take part in a variety show on the Guion Hall stage Saturday night at 7:30. No extra charge will be made for the show which will be staged immediately after the movie.

Egg Hatchability Research Planned

(Sp)—How much folic acid (a vitamin) is necessary to insure hatchability of turkey eggs will be investigated by the Agricultural Experiment Station under a grant of \$1,300 from the Lederle Laboratories Division, American Cyanamid Co., Pearl River, N. Y.

"It has been established that folic acid and other unidentified new vitamins have a direct effect on hatchability as they are necessary to formations of new red blood cells," says Dr. P. B. Pearson dean of the graduate school and head of the biochemistry and nutrition department. "Now it is necessary to determine quantitative factors—how much is necessary to achieve desired results."

The research will be conducted by Dr. Pearson and Dr. J. R. Couch of the poultry husbandry department.

Harvard Business School to Offer 55 Scholarships

A nation-wide system of regional scholarships in the Harvard Business School has been announced by Dean Donald K. David of Harvard University.

Purpose of the scholarships is to insure "that well-qualified students without sufficient financial resources will be able to continue their education in the graduate field of business administration."

Five scholarships have been announced for the Southwestern Region which includes Arkansas, Louisiana, New Mexico, Oklahoma and Texas.

The plan provides \$50,000 for scholarships to maximum of 55 men entering the school in September. The scholars will be selected by competition on a regional basis. Each region of the country is allotted its own scholarship.

Under the Regional Scholarship Program, the actual amount of the award to each scholar will depend directly on individual financial need, David said. Selection of men to receive the scholarship will be made on a basis of aptitude for business training, without regard to financial need.

Applicants should write to the Committee on Scholarships, Harvard University Graduate School of Business Administration, Morgan Hall, Soldier Field, Boston 63, Massachusetts for application forms and detailed information. Deadline applications will be April 1, 1949.

Britisher Searches For Lost Atlantis

By ED L. CAMPBELL

LONDON — (AP) — If you have \$25,000—or any reasonable part thereof—to spend on a legend, here's your chance.

It's a good legend. It has been circulating around the civilized world ever since Plato gave it playing time on his ancient Greek conversational circuit.

More than 5,000 books in 17 languages are in print on the subject. Artists have a picnic with the fantastic forms it conjures up.

It is, in brief, the legend of lost Atlantis.

People who believe in it—they call themselves Atlantologists—say it was a continent about the size and shape of Australia. It was supposed to have been inhabited by a partly civilized race. Something cosmic happened—was the Biblical flood is the best guess. About 9,600 B.C. Atlantis disappeared. From there on you pay your money and you take your choice.

Which brings us to Egerton Sykes of London. Mr. Sykes would like you to choose him. He says he is going to the United States next spring in an attempt to raise \$25,000 for a new search for Atlantis.

Sykes is a tall, loose-framed, middle-aged Englishman with a ready smile and a 25-year-old yearning. He used to be in the British diplomatic service. But his heart is under the sea.

That's where he thinks Atlantis is. He has collected 1,400 books on the subject, organized a society of fellow believers and publishes a bi-monthly magazine devoted to the legend. His own qualifications give him membership in the Royal Geographical Society. And although the Society will not sponsor an Atlantis hunt, Sykes says he is confident that if he can make the search he will have "their silent blessing."

He belongs to the school that believes Atlantis was located in the Atlantic Ocean about midway between the Straits of Gibraltar and the American continent.

The members of the Sykes School also believe that Atlantis did not disappear altogether in the great deluge. The Azores, he thinks, are what's left of the lost continent.

First, get Syke's picture of that part of the ocean:

The Azores are a mountain top. The mountain slopes downward beneath the sea to the ocean floor. This floor was once the plains of Atlantis. Now it is covered with a thick layer of mud, the accumulation of thousands of years. Anything that might have survived there is now buried so deeply it cannot be recovered.

But the sides of the mountain, Sykes explains, should have kept comparatively free of mud. So he hopes to find on this slope the remains of some pre-historic town or temple. He figures that if he goes about 15 miles off the east coast of the Azores and down about a mile below sea

A&M Graduate To Inspect Texas A&I

Henry G. Owen, Jr., a 1942 Chemical Engineering graduate of A&M, will inspect natural gas engineering facilities at Texas College of Arts and Industries this week and will later visit industrial sites in South Texas.

Owen, with other graduate fellows from the Institute of Gas Technology in Chicago, will be based at Texas A&I for more than a week. The group also will visit field installations and plants in and near Corpus Christi, Bishop, Promont, Falfurrias, Raymondville, Weslaco, Brownsville and McAllen.

Marsh Resigns Job With D.H. Department

D. C. Marsh, dairy husbandry instructor, resigned his position with the Dairy Husbandry Department February 1 to begin operation of his dairy farm in the Dallas-Fort Worth area.

Marsh entered A&M in 1938 majoring in dairy husbandry production and was a member of the A&M Dairy Cattle Judging Team that placed third in the intercollegiate dairy cattle judging contest in the National Dairy Show at San Francisco in 1939.

He received his bachelor of science degree here in dairy husbandry production in 1940 and a master of science degree in 1947.

Marsh served five years in the Air Force as a B-17 pilot in the European Theater of Operations. He returned to A&M as an instructor in 1946, and has been in charge of the breeding laboratory on the dairy farm since September, 1947. He has served as sponsor of the Cream and Kow Klub and has carried on activities to promote the work and interest of the club.

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