

Amundsen Trip Shows Absence Of Polar Land

Dr. Warren D. Smith States Tetrahedral Land Mass Theory

Airline May Pass Length of Willamette Valley

Amundsen, by his recent flight over the north pole, has proved the scientists were correct, declared Dr. Warren D. Smith, head of the geology department and authority on geography.

Scientific men have contended no large body of land would be found in the polar regions and Amundsen confirmed their belief.

Contrary to the popular idea that an east west line is the shortest distance between two points in the same latitude, such a line on a globe is not the shortest distance. A "great circle" is the shortest line that can be drawn between any two points on a globe and through the two points. One can see then how much shorter the passage is between our continent and Asia when once a line of communication is established over this north pole area, Dr. Smith pointed out.

Circle Shortest Line

The shortest distance between Portland and Shanghai is the line drawn north from Portland to Alaska and then south hugging the coast fairly closely. This shortest distance is on a line on the arc of the great circle through these points. Once an air line becomes established between the two continents all traffic over this inter-continental course will probably pass directly over the northern part of the Willamette Valley, Dr. Smith believes.

The scientists had based their argument that there was no big body of land in the north polar regions on the tetrahedral theory. Explaining this theory, Dr. Smith said:

"It has been shown by observation that opposite every continent on the globe is a basin of water; opposite every old high land area or "shield" is a corresponding low area of water. Directly opposite on the globe from Eurasia is the South Pacific Ocean and opposite the Canadian Shield of North American continent is the Indian ocean.

High Land Opposite Low

"According to this theory there should be four high points or 'coigns' to the globe, with four low basins directly opposite. At the south pole there is a body of land ranging up to 10,000 feet in elevation. Hence, the scientists have declared there should be mostly water found at the north pole. This theory is now proved valid."

The second thing Amundsen's flight has shown is that passage over the north pole is possible. Perhaps the only danger encountered in the flight was the ice crystals and this is a difficulty easily overcome, Dr. Smith asserted, by use of a covering to the gas bag that would resist the abrasive action of the ice crystals.

"Amundsen has made many observations," concluded Dr. Smith, "which have not yet been published, but we do know that there is no great body of land of continental proportions in the extreme north and that it is now possible for man to pass over this hitherto little known region, enormously cutting time of travel between northern Europe and Alaska.

CAMPUS Chat

By RUTH COREY
Walter Cushman, ex '28, is working for the Oregonian as a reporter. He was with a Walla Walla paper after he withdrew from school the last part of winter term.

Doris Kindle, of Central Point, spent the week-end at the Gamma Phi Beta house.

Arden X. Pangborn, a member of the Oregonian sports staff, has been visiting on the campus for the past few days.

Dr. L. F. Henderson, curator of the University botanical museum, will leave today for Sitteous lake where he will spend about four days collecting specimens of plant life of the region.

Essie B. Pubphrey, of O. A. C., attended the banquet given at the Osborn hotel on Saturday night to celebrate the seventy-fifth anniversary of the establishment of the Alpha Delta Pi sorority.

Ralph Henderson will leave for Portland on Wednesday to attend the wedding of his sister Katherine Henderson to Victor Risley, former football and track star.

Mary McMahon, a graduate of the University last June, who is teaching school near Forest Grove this year, was a week-end guest at the Kappa Omicron house, of which she is a member.

Mr. and Mrs. L. H. Johnson have returned from a visit in Stockton, California, where they spent a week visiting their son, Donald Johnson. Mr. Johnson is comptroller of the University.

Carlton E. Spencer, University registrar, left yesterday for Portland and from there he will make a trip under the auspices of the Extension Division, lecturing to various high schools of the state.

Nina Kitts, a member of Delta Zeta, spent the past week-end at North Powder to attend the Forstrum and Johnston wedding.

Miss Nellie Jenkins, clerk in the comptroller's office, returned on Monday morning from a month's visit in Stockton and Oakland, California.

Florence Kardell, of Marshfield,

was a visitor at Hendricks hall on Sunday. She attended school the fall and winter terms and was a freshman in the normal arts department.

Faith Jacobs, a member of Sigma Beta Phi, spent the week-end at her home in Grants Pass.

Mrs. Virginia Judy Esterly has planned to spend her entire vacation at La Jolla, California. She will take the boat from Portland and go direct to La Jolla. She will return to the campus the first of September.

Fred Gifford, of Portland, spent the week-end at the Alpha Beta Chi house.

The O. A. C. and the University chapters of Alpha Chi Omega held their annual joint picnic last night halfway between Corvallis and Eugene.

Physical ability tests have been placed and E. V. Slauson wins first place with 118 points, Joe Brown second place with 88 points, and C. Orr and Arthur Ord tied for third place with 87 points.

Emma Lou Douglas, of Marshfield, Vivian Hargrove, of Portland, and Mable Brecken, of Portland, will sail on June 19, for a trip to Alaska. They are all members of Pi Beta Phi sorority and were graduated in the class of 1924.

Henry Koepke, ex-student of the University, was a visitor on the campus Sunday and Monday. He is now running his father's wheat ranch near Athena, Oregon.

Sophomores to Frolic At Seavey's Ferry Friday in Big Picnic

Got any old clothes? Any overalls or old sport dresses? If so put them on and come out to the annual sophomore picnic Friday, May 21, at Seavey's Ferry. Transportation is being furnished by the class from Villard hall at 3 and 4 o'clock. Trucks will call at the various sorority houses for sophomores and will also bring back all members of the class who are not travelling in campus "heaps."

Frank Riggs, who is in charge of amusements, has a surprise in store and promises one of the biggest and best picnics. Frank says the chief attraction will be the dance, which will be full of genuine surprise features throughout. A big special athletic contest between single and "married" men of the class will be announced later. It is reported this

event which may take place in the water, will be one of the most exciting of the day.

A competent committee, with Helen Mannary in charge, is caring for the refreshments.

Don McCook, general chairman of the picnic, says the big thing to remember is the time, Friday, May 21, the place, Seavey's Ferry, and the hour, 3 o'clock. He also emphasized the fact that this will be a strictly no-date affair.

Mu Phi Epsilon to Hold Silver Tea from 4 to 6

Mu Phi Epsilon, women's honorary music fraternity, will hold a scholarship silver tea this afternoon from 4 to 6 o'clock, in Alumni hall of the Woman's building, announces Adelaide Johnson, who is chairman of the tea.

Jean Harper, president of the organization, and the patronesses will receive and Wanda Eastwood, violinist and Barbara Edmunds, piano, to whom the scholarships were awarded this year, will present a musical program. All University women have been invited to attend.

Catalogs Being Bound; Missing Copies Wanted

The registrar's office is collecting and having bound all University catalogs for the last three school years.

They are short six copies of the Portland Extension catalog for 1923-24, and five copies of the catalog of the Portland School of Social Work for 1924-25. It would be appreciated if persons having copies of these issues would return them to Miss Gertrude Stephenson at the registrar's office.

Send the Emerald Home

E. P. Cox Makes Application for Doctor's Degree

Geologist Oregon's First Candidate for Highest University Degree

An application for the degree of doctor of philosophy, a degree which has never been granted at the University of Oregon, is being made by E. P. Cox of the geology department.

Mr. Cox has completed the last draft of his thesis which is entitled "A contribution to the technique of studying and making inorganic correlations of sedimentary subsurface formations."

The thesis is 12,000 words in length and is divided into units. The first part of the thesis deals with some independent work on the methods of making thin sections from fragile rocks, measuring the roundness of sand grains, and staining certain minerals, which it was necessary to find before obtaining results on the final problem.

Mr. Cox will take a series of written examinations and an oral examination in geology sometime in June. The oral examination is open to the public. He has a B.S. degree from the University of Oregon, and a M.A. degree from the California Institution of Technology.

Old Books to Be Sold At Co-Op This Friday

Mr. Campbell, proprietor of the Campbell book store of Los Angeles, will be at the Co-op Friday, May 21, at which time he will buy second hand books for cash. He was here two years ago.

Mr. Campbell's visit is not under the auspices of the Co-op, according to Mrs. Marie Hadley, secretary of that store.

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