

PALMER EXPERIMENT STATION ECOLOGIST DR. WILLIAM MITCHELL
 CONDUCTS ECOLOGICAL SURVEY OF TRANS ALASKA PIPELINE ROUTE

by Sue Rodey

A University researcher recently completed a preliminary report on a botanical and ecological survey he conducted on portions of the proposed Trans Alaska Pipeline route.

The researcher, Dr. William W. Mitchell, an associate professor of agronomy at the Alaska Agricultural Experiment Station in Palmer, and a team of researchers operated out of two campsites on the North Slope-- one on a lake at about 2,900 feet elevation in the high foothills off of the Sagavanirktok River and the other at about 730 feet elevation on a lake out of Sagwon. Three additional campsites were set up north of Livengood to the Brooks Range. Other areas were visited either by walking or by means of helicopter.

Mitchell described aspects of the vegetation that he felt

reflected conditions pertinent to the pipeline, particularly concerning frost, moisture and drainage conditions. He also attempted to anticipate the effects of disturbance caused by installation and operation of a pipeline carrying oil heated to approximately 150 degrees and the accompanying problems of revegetation.

In his report Mitchell said, "I think it should be emphasized that 'the tundra' of the North Slope is not one thing. There are a number of different types of plant communities and aspects of terrain. Some of it is fragile, in a sense, while some of it is much less fragile, or more durable, with respect to the amount of surface activity it can withstand."

Mitchell studied both man-made and natural disturbances
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CINEMATORGRAPHER REG. EMMERT ADDED TO AUDIO VISUAL COMMUNICATIONS

The department of audio-visual communications added the position of photo-visual technician to its staff this week. The new staff member is Reginald Emmert, who recently completed a year of intensive study at Brooks Institute of Photography.

Emmert has had special training in scuba diving and underwater photography. He has traveled extensively and

has been a cameraman for the Bureau of Land Management. In addition he has had many cinematography assignments including the filming of sports events.

In his new position Emmert will work with Jane Williams, head of audio-visual, in producing films and videotapes to augment

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to assess possible effects of installation of the pipeline.

"In many situations the vegetative cover is growing in a highly organic, peaty layer of varying depths," Mitchell said, "If, with destruction of the vegetative cover this layer is ruptured or destroyed, the site becomes more susceptible to serious erosion."

Mitchell named five areas where he believed the most serious ecological problems might be encountered: 1) creation of a runoff channel, 2) destruction of natural bonds serving to prevent or retard soil movement. 3) excessive puddling resulting from induced thawing and seepage. 4) excessive drying and 5) possible altering of natural drainage features.

CINEMATOGRAPHY (CONT. FROM PAGE 1)

instructional and public service programs.

Emmert received a Bachelor of Science degree from Michigan State University with emphasis in forestry, wildlife management and journalism.

No stranger to Alaska, Emmert formerly worked in the Forestry Science Laboratory here and traveled to many areas of Alaska before going to the Brooks Institute.

P.E. CLASSES TO PRESENT
DANCE LECTURE-DEMONSTRATION

A lecture-demonstration of modern dance, folk dancing and square dancing will be presented by physical education classes Thursday, Dec. 11 at 8 p.m. in the Patty Gymnasium.

According to Theresa Tomczak, assistant professor of health, physical education and recreation, the program will consist of "student compositions and the inter-relatedness of all dance forms."

Miss Tomczak said that the program is open to the public and no admission will be charged.

"PIN" TAKES TO THE PEN
TO ANSWER NATIONWIDE FAN MAIL

The "Pin Project" is causing somewhat of a stir around the country--all due to a 10-year-old's trip to the city.

It was just a year ago that Abraham "Pin" John, a native boy from Arctic Village, made an adventurous trip to Rochester, N.Y. with Jim Ludwig, now KUAC's Community Affairs director.

For "Pin" it meant a series of firsts such as seeing television, using a camera, talking on the telephone and the like. Recently Ludwig published an article on the trip and "Pin" received letters from more than 50 youngsters throughout the country and Canada.

With the help of Ludwig and his co-worker, Barbara Ester, "Pin" answered the letters with ones postmarked from Arctic Village.

MELANGE NOOK

Assembled by Dean Wariner

KEITH MATHER, director of the Geophysical Institute, was among the passengers for the Pan American innuagural flight to Tokyo this week from Fairbanks. The flight returns on Saturday.

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JIM SIMPSON, resident director of Ketchikan Community College, says the partial loss of power in Ketchikan did not effect the college, however, it could effect the college since the unit which was damaged by a mud slide is used for peak power periods during cold weather. Simpson said he is trying to arrange for stand-by power if it is needed.

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LOUIS LICARI, resident director of Sitka Community College, was recently selected chairman of the governor's newly created Adult and Vocational Educational Advisory Council. The council will authorize use of federal vocational funds in Alaska and review state vocational programs.

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DR. ARTHUR S. BUSWELL, vice-president for Public Service, and FRED KOSCHMANN, resident director of Juneau-Douglas Community College, will attend the Galaxy Conference on Adult Education, "Learning to Change-- A Social Imperative," Saturday in Washington, D.C.

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DR. DONALD W. HOOD, director of the Institute of Marine Science, has been selected chairman of the governor's Commission for Oceanographic Advancement through Science and Technology (COAST). The 10-man commission includes five Alaskans including four state cabinet members and specialists in oceanographic research from around the nation.

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NIILO KOPONEN, principal at University Park School, has asked parents who live on campus to remind their youngsters to use the crosswalk at University Avenue and College Road on their way to and from school. He said several youngsters have had near misses with motorists because they were crossing College Road at the bottom of the stairway leading from the campus.

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THE GEOPHYSICAL Institute flyers on the weekly seminars are getting funnier by the week. This week's edition on A.D. Johnstone and W.J. Stringer's aurora seminar illustrates the topic by showing the earth and an aurora being observed from the ground and the air. Off to the side and down the Aleutian Chain there is a tiny mushroom cloud arising over what we suspect to be Amchitka Island. The seminar was set for 3:45 p.m. today in the institute conference room.

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DR. DONALD THEOPHILUS, academic vice-president, will address the campus chapter of the AAUP at 4 p.m. Monday in 318 Duck-

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OUTLINES PLANS FOR ACTION PROGRAMS

GOVERNOR'S COMMISSION ON CROSS-CULTURAL EDUCATION MEETS HERE

The Governor's Commission on Cross-Cultural Education has begun a program to accomplish its instructions received from the governor earlier this year.

The commission, including representatives of various state and federal agencies and native organizations, met recently to implement the governor's plan.

When it was formed, the commission was charged to:

1. Plan for the transition of Bureau of Indian Affairs schools to the state school system.

2. Prepare a statement of findings, identifying the need for planning for cross-cultural education.

3. Recommend actions that should be taken by the state and others to make cross-cultural education a reality.

The commission outlined its program at a Nov. 13 meeting at the University of Alaska campus and appointed a committee to meet with the governor to work out details of the commission's structure and the support required to initiate action programs proposed by the commission.

Those attending the meeting agreed that the overall goals of the commission are to "encourage improvements in the quality of education for Alaskan learners of all ages as this education operates in a cross-cultural setting.

The means which the commission chose to accomplish this goal are:

1. Identify problem areas.

order them into priorities, and seek solutions.

2. Serve as a clearing house for program proposals addressed to problems of cross-cultural education and encourage such proposals when they are consistent with the goal of the commission.

3. Assume the duties of the governor's former Rural Education Commission by joining with the State of Alaska and the Bureau of Indian Affairs to review and revise as appropriate "An Overall Education Plan for Alaska."

4. Provide a forum through which cultural minorities may express their ideas, hopes and concerns regarding educational programs.

5. Stimulate the initiation of or sponsor studies necessary to a better understanding of issues in cross-cultural education through the recommendation of action programs.

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