

Forest Service Prepares Geologic Study Of Diamond Lake Area



VOLCANIC WASTE TELLS OF MT. THIELSEN'S PAST — Dr. William B. Purdom, assistant professor of geology at the University of Oregon, examines some volcanic fragments at an elevation of 8,000 feet, near the south face of Mt. Thielsen. Such fragments enable geologists to fit together the history of the area's geological past. —U.S. Forest Service photo

Many Cities Adopt New Programs To Aid Delinquents And Dropouts

(Last of three dispatches). Newspaper Enterprise Assn.

By RAY CROMLEY

WASHINGTON (NEA)—"Adults are always fixing up some place for us to get together. Then it's their project, not ours. What we want is a bare room to meet in. We can decorate it and fix it up ourselves. Then it's ours."

The speaker: 18-year-old Robert Maust Jr., in a nearby Fairfax County, Va., Sunday school class. His six colleagues in the room chorused quick agreement.

In New York, three youth-operated coffee shops are being set up as gathering places for young people from delinquency "target areas."

In Jacksonville, Fla., a youth advisory jury sits in on trials involving teen-agers, giving the judge advice on sentences.

Flint, Mich., has transformed its schools into every-day-a-week, all-day, all-evening community centers where youth of all ages can meet. The teen-agers run many of their own programs.

In New York City, youth leaders and professionals at Harlem Youth Opportunities Unlimited are holding group therapy programs released from institutions.

In Los Angeles, Calif., a citizen-government Youth Opportunities Board headed by Robert L. Goe, executive assistant to the mayor, is working on plans for a center to assist "disadvantaged" and potentially delinquent youngsters to realize their abilities.

The juvenile court in St. Louis, Mo., plans to sponsor a demonstration group probation program which jurists call an alternative to imprisoning delinquents who are unsuccessful on probation.

In this program, the boys remain on probation provided they attend daily afternoon classes in a school in the delinquency target area.

The school system will provide a teacher trained in special education, a vocational teacher, equipment and supplies. The court will provide a group worker. The minimum period of assignment will be 12 weeks, but this can be extended.

These examples typify the new nationwide drive on juvenile delinquency, school dropouts and unemployment in major cities through the United States.

Young people, experts have determined, need a place to hang out. In many places in our cities they have no place to meet. Thus the coffee houses, the neighborhood lounges, the "drop-in" centers, as they are variously called.

Many youths need a place to study. The Los Angeles youth project is developing the idea of keeping libraries in delinquency target area junior and senior high schools open after school four days a week to offer students an adequate place to study and read.

Young people can often understand delinquents and help them more than adults can alone. Therefore, in more and more places young people are being brought into the planning, operating and advising stages and even into the



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Dominating the eastern skyline of Douglas County, rugged Mt. Thielsen annually challenges hundreds of mountain climbers.

At its base is Diamond Lake—possibly Douglas County's most popular mountain playground—amid a vacationland richly endowed with natural, historic and geologic attractions.

The United States Forest Service, realizing the value of interpreting natural phenomena to forest visitors, has developed a Visitor Information Service program. As a part of this project, the Umpqua National Forest is now completing a geologic study

of the greater Diamond Lake Recreation Area.

Forest Supervisor Vondis E. Miller indicated that a geologic brochure of the Diamond Lake Area will be published early in 1964 and will be available to the public. Through this and other means, the multiple-use objectives will be realized in managing our national forest heritage.

Supervisor Miller, through the University of Oregon Geology Department, brought Dr. William B. Purdom to the forest this summer to map and prepare a report designed to interpret happenings of the past which have produced



PAVED ROADS TO SERVE CAMPGROUNDS — Tom Hollaman, district road inspector, observe workmen apply the first coat of oil on a camping spur in the Diamond Lake Campground. All roads into the national forest facility are being paved this fall. —U. S. National Forest Service photo

Rusk Eager To Defend Security Policy

WASHINGTON (UPI)—Secretary of State Dean Rusk appeared today to welcome the possibility of a showdown with Senate investigators on his department's security policies.

Rusk responded promptly — almost eagerly — to a "polite request" from the Senate internal security subcommittee to appear soon to answer questions raised about departmental policies.

A State Department spokesman said that Rusk "has been hopeful for some time that this matter would be raised at the level it demands, namely his personal appearance before the committee as the official responsible for the operation of the Department of State, including its security program."

"The committee has long been aware of the secretary's desire to discuss these procedures with the committee, and he will avail himself of the opportunity in the near future."

At issue is the State Department's recent action in filing charges against its chief security evaluator, Otto F. Otepka. The department is investigating whether Otepka gave classified information to the subcommittee without authority.

Sen. Thomas J. Dodd, D-Conn., vice chairman of the internal security subcommittee, went to New York Wednesday to discuss the Otepka case with Rusk. He said he made a "polite request, not a demand" that Rusk appear at a hearing and that other department witnesses testify.

Rusk agreed to meet with the subcommittee at a "mutually arranged convenient date."

The department has said the charges, which could result in Otepka's dismissal, involved unauthorized declassification of security matters relating to other department employees. In one case, Otepka was accused of having provided the subcommittee's chief counsel, J. G. Sourwine, with questions to ask his own chief, John F. Reilly, deputy assistant secretary of state for security.

intriguing present-day geologic forms.

Dr. Purdom is well qualified to make such a scientific study. In 1956, he received the bachelor of science degree from the University of Kentucky, and in 1960, earned his Ph.D. from the University of Arizona. His experience includes geology work in Cuba, northern Alaska, and Venezuela.

From 1960 to 1962, he was assistant professor of geology at the University of Oregon then was employed as geologist for the Bureau of Land Management in Nevada, before coming to the Umpqua National Forest this summer. He returns to his teaching post at the University of Oregon this fall.

Dr. Purdom's report indicates the oldest exposed rocks in the Diamond Lake Area to be between 12 million and 60 million years old. These lavas are mostly covered by the High Cascades lavas, represented by such peaks as Mt. Thielsen and Mt. Bailey. On both of these peaks, the persevering climber is rewarded with outstanding exposures of the stormy volcanic activity which occurred between one and 12 million years ago.

About 6,000 years ago, Dr. Purdom's report continues, a "glowing avalanche" of pumice from Mt. Mazama rushed down across Diamond Lake, moving at speeds sometimes in excess of 100 m.p.h. The avalanche snapped off trees like matchsticks, engulfing them in the flow.

From the glacier-carved slopes of Mt. Thielsen to the columnar jointing in the North Umpqua Canyon, Purdom's report reveals a fascinating history told in the rocks.

Unique geologic forms, such as pumice that floats, columnar jointing resembling posts stacked on end, volcanic bombs (molten lava solidified in football-like shapes), and charred logs are common throughout the area. Forest visitors are invited to ask for information on the location of these phenomena.

Campers who intend to make Diamond Lake their main headquarters while making side trips to these natural phenomena next summer will find that all roads have been paved into the campground.

Last summer's campers will remember the severe dust problem created by the almost constant traffic. At times, this condition caused considerable discomfort to the recreationist. The present project will eliminate this problem.

With the campground nearly empty at this time of year, work is progressing rapidly and the entire job should be completed by Oct. 7. Hughes and Dodd Company, contractors, have completed the first portion of the project and are starting the final phase of the operation. When finished, all main roads, campsite spurs

and boat-launch parking areas will have a hard surface.

During the past few years public usage of the Diamond Lake Recreation Area has increased notably. From 1956 through 1961 the number of campers increased from 30,000 to 97,000. In 1962 the usage dropped to 53,500 and then soared to an estimated 100,000 in 1963. It has been estimated that usage will reach 264,500 by 1975.

Larry Thorpe, recreation staff assistant of the Umpqua National Forest has disclosed that a \$33,000 campground improvement project was undertaken last fall. Part of a long-range rehabilitation program, the project included construction of roads and campsites in overflow areas, graveling all roads in preparation for paving, and installation of approximately two miles of traffic guards. During the early part of this summer, tables, stoves, restrooms and an additional 13,000 feet of traffic guards completed this project.

Thorpe indicated that a campground is designed to function at about 50 per cent capacity. This gives the sites opportunity to "rest," and the tender mountain grasses a chance to grow. However, Diamond Lake Campground was used to approximately 85 per cent capacity throughout the season, placing a heavy load on all facilities, including roads. To alleviate this situation, more campgrounds are in the planning stage. Clearing for one such campground—Broken Arrow—was completed this summer.

Thorpe requests the cooperation of the public in observing speed regulations in the Diamond Lake Campground. New signs will be installed permitting 20 m.p.h. on main roads and 10 m.p.h. on spur roads. It is essential that these limits be observed to protect the many children in the area. On weekends, there may be 1,500 to 2,000 people in the campground, Thorpe said. With such a large number of people, reduced speed is essential, he stated.

ANNOUNCES DISCOVERY

DAR-ES-SALAAM, Tanganyika, (UPI)—British anthropologist Dr. L. S. B. Leakey reports he has discovered that two apparently different races of early man lived together.

Leakey, who earned international recognition for his discovery of the Zinjanthropus, one of the earliest known species of man, said he uncovered remains of another race living in the same location.

He named the new discovery the Pre Zin Man. The fossilized remains were found in Olduvai Gorge where Leakey has been excavating for 20 years.

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Demo Raps Wheat Sale

WASHINGTON (UPI)—Florida Sen. George A. Smathers broke the ranks of the Senate Democratic leadership Saturday and urged President Kennedy, an old personal friend, not to approve a huge U.S. wheat sale to the Soviet Union.

"We have no assurance that this wheat will not be reshipped by the Soviets to Red China or Cuba," said Smathers in a statement. He said present U.S. policy on dealing with Communist nations is "firm and correct," and that as long as members of the Soviet bloc are America's enemies, "we must treat them as such."

Smathers, secretary of the Conference of Democratic Senators, is the first of his party's Senate leaders to criticize the proposed wheat deal with Moscow. His was the latest sign of hardening congressional opposition in the absence of an announced White House decision on the matter.

A high administration source said President Kennedy still was expected to reach a policy decision fairly soon.



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