

Forest Service Is Completing Diamond Lake Geological Study

The Umpqua National Forest isler reports that a geological bro-completing a geologic study of thechure of the area will be published greater Diamond Lake recreationeasily in 1964 for availability to the area as part of its Visitor Informa-public.

The study is being conducted by Forest Supervisor Vondis E. Mil-Dr. William B. Purdom. He spent

the summer mapping the area and preparing a report designed to interpret happenings of the past which have produced the intriguing present-day geologic forms.

Here is a preview of some of his findings:

Rocks Are Old
The oldest exposed rocks in the Diamond Lake area are between 12 and 60 million years old. These older lava rocks are mostly covered by the high Cascades lavas, represented by such peaks as Mt. Thielsen and Mt. Bailey. On both these peaks, the persevering climber can find outstanding exposures of the stormy volcanic activity which occurred between one and 12 million years ago.

But one of the most startling phenomena occurred 6,900 years ago, Dr. Purdom says. He called it a "glowing avalanche" from Mt. Mazama (Crater Lake now) which rushed down across Diamond Lake at speeds sometimes in excess of 100 miles per hour. He says the avalanche snapped off trees like matchsticks, engulfing them in the flow.

These explosions and upheavals formed some unique geologic forms, such as pumice that floats, columnar jointing (rocks formed like posts stacked on end), volcanic bombs (molten lava solidified in football-like shapes) and charcoalized logs.

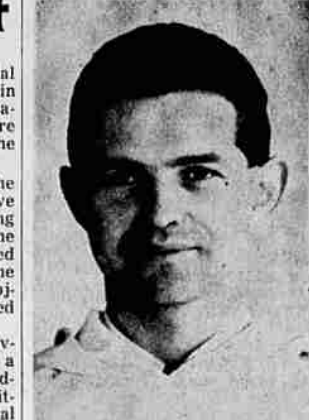
History Fascinating

From the glacier-carved slopes of Mt. Thielsen to the column joints in the North Umpqua Canyon, Dr. Purdom's report reveals a fascinating history is portrayed in rocks. Forest visitors can find them by asking for information about the locations of these phenomena at the visitor information building at Diamond Lake.

Dr. Purdom was well qualified to carry on the scientific study. After being graduated from the University of Kentucky in 1956, he earned his Ph. D. from the University of Arizona in 1960. He has taken a tour as a mining geologist in Cuba and as an oil mapping geologist in Alaska. He became an assistant professor of geology at the University of Oregon in 1960. Later he was employed by the BLM as a geologist in Nevada. He returns to his teaching post at Oregon this fall.

School Of Religion Set At St. George's

A three-day School of Religion will be held at St. George's Episcopal Church beginning Sunday. Coming from California to conduct the school will be the Rev. George E. H. Swayne, Order of the Holy Cross, who is headquartered at the Western Branch House



REV. GEORGE SWAYNE ... to conduct school

of the order, Mount Calvary Retreat House, in Santa Barbara, Calif. Sunday's schedule includes sermons by the Rev. Father Swayne at 9:30 and 11 a.m. services and evening prayer and instructions at 7:30 p.m.

On Monday the school will continue with evening prayer and instructions at 7:45 p.m. The sessions will conclude on Tuesday with afternoon instructions at 1:30 p.m. and evening prayer and instructions at 7:45 p.m.

Father Swayne is the son of the Rev. and Mrs. W. G. Hope Swayne of Kingston, Ont., Canada. Before entering the Order of the Holy Cross at West Park, N.Y., he was assistant curate at St. George's Cathedral at Kingston.

He was graduated from the University of Toronto in 1955 and earned his degree in theology from Trinity College in 1957. The Lord Bishop of Ontario, the Rt. Rev. K. C. Evans, ordained father Swayne to the priesthood in 1959.

Hospital News

Visiting Hours
2 to 3:30 p.m. and 7 to 8 p.m.

Douglas Community Hospital
Admitted

Medical: Mrs. Wallace Reed, Mildred Eastburn, both of Roseburg; Mrs. Bernard Freese, Myrtle Creek.

Surgery: Clarence Mack, Edwin Finnell, Mrs. Everett Gardner, both of Roseburg; Mrs. James Ralston, Camas Valley.

Secrecy Shrouds Rocky's Meet With Pope

VATICAN CITY (UPI)—New York Gov. Nelson A. Rockefeller, whose divorce and remarriage caused a political stir in the United States, had a secrecy-shrouded meeting with Pope Paul VI today.

Since the Catholic Church strongly opposes divorce, Vatican sources described the audience as "unusual", and said there was some consternation among prelates because the pontiff agreed to receive Rockefeller.

Rockefeller's second wife, who also has been divorced, did not attend the audience.

When Rockefeller left the Vatican he told newsmen, "I was pleased to have the opportunity to pay my respects to the Pope." He declined to further comment.

Not since Soviet Premier Nikita S. Khrushchev's son-in-law, Alexei I. Adzubei, saw the late Pope John XXIII has such secrecy surrounded an audience.

The Vatican newspaper "Osservatore Romano" was asked not to mention the fact that Rockefeller had seen the Pope. Normally, the newspaper publishes a

SIGNS MEDICAL BILL
WASHINGTON (UPI)—President Kennedy signed into law Tuesday a \$236 million medical education bill, the first phase of a long-range program to produce more doctors and dentists.

The bill provides \$175 million over a three-year period for construction and renovation of schools of medicine, dentistry and other "health professions," and \$61 million to finance student

REMOVES HORSE TROUGHS
EASTBOURNE, England (UPI)—The town council, apparently certain that the automobile is here to stay, Tuesday night voted to remove the last four horse troughs in Eastbourne because they are "obsolete."

daily list of persons received by the pontiff.

All photographs, even by the official Vatican photographer, were prohibited and regular Vatican reporters who are normally allowed in the ante-chambers during such audiences were kept out.

Vatican sources said only that Rockefeller and two unidentified men went into the papal apartments at 12:15 p.m. Mrs. Rockefeller was shopping in Rome at the time.

Although neither of the Rockefeller's is a Catholic, the Vatican still takes a strong viewpoint on the subject of divorce and remarriage and an unusual—but not unprecedented—exception was made for the governor.

The governor, considered an announced candidate for the 1964 Republican presidential nomination, planned to call on the Roman Catholic pontiff before leaving for London on the second leg of his tour.

Vatican sources have said some high prelates felt it was "unusual" for a man who had been divorced and remarried to be received in papal audience.

Rockefeller, a Baptist, was divorced by his first wife last year. He married divorcee Margaretta Fittler (Happy) Murphy May 4. She did not plan to accompany him to the audience.

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DR. WILLIAM B. PURDOM, assistant professor of Geology, University of Oregon, plots geologic contents on map, while resting at the 8,800 foot level on the south face of Mt. Thielsen.



HIGH ON THE SLOPES of Mt. Thielsen, a rugged outcropping of conglomerate rock withstands the erosive action of the years. The Umpqua National Forest employed a geologist this past summer to study the geology of the Diamond Lake Recreation Area, where this rock is located. (National Forest photos)

Youth Program Aired At YMCA Board Meet

The Rev. James Smith, pastor of the First Christian Church, presented plans for the youth organization program for the YMCA at the regular monthly board meeting held Tuesday night at the "Y."

Dr. Daniel Halferty, president,

Forestry Tour Set Thursday

A tour Thursday for Central Douglas sixth graders will close out the 1963 school forestry tour program for Douglas County.

The tour is scheduled from 9:15 to 11:15 a.m. at the Bert Melius tree farm at Tenmile with students from the Winston-Dillard, Camas Valley and Umpqua school districts participating.

Two other tours were held during the week, one for students in the North Douglas area and the other for Reedsport-Gardiner youngsters.

Instructors for the Thursday session and their topics were announced as follows:

Fire control, Charlie Melton and Paul Gamble of the Douglas Forest Protective Association; 4-H forestry thinning and pruning, Frank von Borstel of the Extension Service, Howie Lyon of the Forest Service and Pete Van Zanden of the Bureau of Land Management; forestry soils, Jack Pinkard and Dick Hosler, Soil Conservation Service.

Wildlife, Kenneth Cochran, Bill McCaleb, Bill Haight and Don Wilt of the state Game Commission; tree identification and reforestation, Wayne Miller of the Douglas Forest Protective Association and Frank TerBush of the Forest Service; forest products, Burt Holt of Sun Studs, Inc. and Dick Hanlin of Evans Products Co.

Deputy Sheriff Gail Carnine will serve as safety officer and time-keeper.

Local News

Dr. B. R. Shoemaker of Roseburg has received word of the death recently in Napoleon, Ohio, of his aunt, Mrs. Frank Shoemaker.

Mrs. Shoemaker had visited in Roseburg several times in recent years.

DISCUSS GERMANY

WASHINGTON (UPI)—West German Foreign Minister Gerhard Schroeder met with President Kennedy for an hour Tuesday. He later called for a "permanent readiness" to deal with issues of Berlin and a divided Germany.

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