

OSC Dental Research Shows Selenium May Contribute to Decay

Oregon State College—Just as flourine has been found to protect teeth against decay, so may another trace element, selenium, contribute to poor teeth, Oregon State college research scientists have discovered.

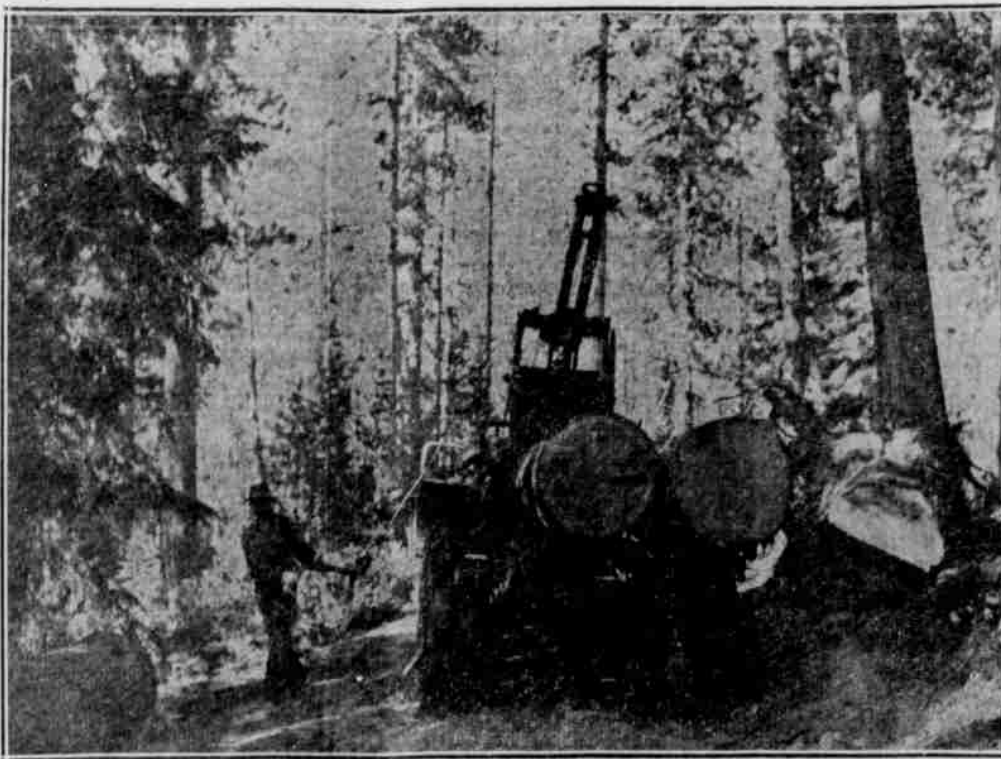
The entry of selenium into the dental health picture is another of the highly significant leads uncovered in the past five years by the OSC dental health research team. Latest findings are reported in the Journal of Pediatrics by Dr. Demetrios M. Hadjimarkos, associate professor of dental re-

search; Dr. Clara A. Storvick, home economics nutritionist, and Dr. LeMar F. Remmert, associate chemist, for the experiment station.

Thought to be a normal part of certain soils from which it is absorbed by growing plants, selenium is known to be the cause of the serious and often times fatal animal disease, selenium poisoning. Its effects on humans are largely unknown, however, Dr. Hadjimarkos reports, and the OSC efforts represent a pioneer venture in the field.

The recently-completed study of selenium effects was conducted in Clatsop county—where teeth have been found to be the worst in Oregon—and Klamath county

Self-Loading Truck Speeds Pine Timber Salvage



AMERICAN FOREST PRODUCTS INDUSTRIES PHOTO

Self-loading trucks made it possible for tree farmers to salvage much valuable timber that would otherwise decay in the woods. Logs were cut from windfall pine at right. This picture, made on a Western Pine Tree Farm, shows a "triplex" unit in operation. The truck yards logs, hoists them aboard and hauls them away to the mill.

—where teeth are best. Twenty-four native born and reared high school boys from Clatsop and 9 from Klamath cooperated by supplying 24-hour urine samples, which when chemically analyzed provide a reliable guide to the amount of the element taken in the diet.

All of the urine specimens were found to contain some selenium concentrations but the samples from boys in Clatsop county had significantly more than those from Klamath county youths. "Further studies are necessary, of course, for a better understanding of the selenium-dental health relationship, but our investigations strongly suggest that selenium may in some unknown manner render the teeth more susceptible to decay," Dr. Hadjimarkos points out.

85th School Year At Oregon State Opens This Month

Oregon State college begins its 85th year this month with new student week and registration scheduled for September 14 through 20 and the opening of classes set for September 22.

The new year at Oregon's oldest state educational institution finds the physical plant and staff in readiness for the back-to-school movement.

Numerous physical plant improvements and completion of classrooms and laboratories in the new Withcombe hall and food technology building will help to remedy the crowded classroom situation and will permit an intensified program of instruction and research.

Child's Health Topic Of Teacher's Session

"The health of the school-age child in Morrow county" was the theme of the Morrow county teachers institute held today at the Heppner school.

Appointments during the summer of new faculty members to fill vacancies created by retirements and resignations have brought the staff up to full strength for the coming year.

A few of the brawnier OSC students are on the campus. Members of the football team arrived September 1 to begin actual ball practice. The first game is scheduled for September 20 with the University of Utah at Salt Lake City.

Information of college services, requirements and activities will be outlined for freshmen and transfer students during the new student week. The various entrance tests will be completed along with a series of programs on school opportunities and social events. Friday and Saturday of that week will be devoted to registration of both the new and the returning Oregon Staters.

Passage of the Korean GI bill of rights during the summer finds a new era of veterans education beginning at OSC and other colleges across the nation. Special arrangements are being made to handle the newly returned servicemen.

Housing prospects for the year are good but college officials advise students who haven't already done so to make housing arrangements as early as possible to insure best accommodations.

Mrs. Josie Jones will have as her houseguest during Rodeo, Mr. and Mrs. Walden Rhea of Yakima and Mr. and Mrs. Guy Boyer and son, Don of John Day.

at noon by the Heppner Parent-Teacher association.

Mr. and Mrs. Fred Stark and daughter, Loretta and Debby Jo, of Hay, Washington were in Heppner the last of the week. The Starks are planning to move to Heppner and were looking over the housing situation. He will work in a local garage.

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