

RESEARCH WORK DONE BY CHEMIST

Dr. Tingle's Process Will Utilize Wood Waste

INVENTOR IS OPTIMISTIC

Nature of Material Used Produces Dark Paper

The object of the research being done in the University chemistry department by Dr. A. Tingle, who is using the University's laboratory, is to develop a method which will turn certain wood waste into pulp for use in paper making. "Expectations are," said Dr. Tingle with a cheer of optimism, "that the process will soon be ready for the market. All of this research carried on to date in laboratories has been rather successful. The results are encouraging."

The three existing chemical methods, the sulphite, sulphate and soda processes of making paper, require a good deal of uniformity in the size and nature of the wood chips to be pulped.

"Waste wood is not uniform in either size or shape. If the waste wood is to be cooked into pulp, a special process must be provided. In the old process this would mean that the small would be overcooked when the large are still in an undercooked stage."

Waste Wood Dark
"I am not trying to produce white paper, in this process," said the chemist. "The reason for this is that the original waste wood is too dark to make white pulp. It will not, therefore, be useful for news print. It is hoped, however, to turn out some form of a dark, and strong wrapping paper."

Dr. Tingle's method may become a competitor of the kraft process which was developed in Germany and is now used so extensively throughout the world. "The new method has two advantages over the kraft process," continued the inventor, "first it utilizes wood waste, and second, it requires a smaller manufacturing plant and takes less capital to command it."

West Makes Newspaper
"There is some doubt in my mind whether or not the new process will be adaptable to the western conditions. The west makes principally news print, and the conditions are radically different between the eastern and the western systems. I have designed my process to meet the eastern conditions."

Dr. Tingle expressed his opinion that the time is coming when the west will manufacture the better grade of paper. Ultimately the center of gravity of the paper, as far as the United States is concerned, will shift from New England to the west, was his opinion.

Trained Men Needed

"The people of Oregon can help to bring this about by encouraging the necessary studies in their educational institutions. Research carried on in an academic spirit by carefully trained men is a great need of the paper industry. The western manufacturers are doing their share, but work is still needed such as cannot be done in factory surroundings. Do not imagine, however, that even the best of schools can turn out a paper chemist. He can be made only by hand."

Dr. A. Tingle has been working on his method for two years now with very promising results. He paid high tribute to the University chemistry department, which is letting him use its laboratory. His doctor of philosophy degree was taken at the University of Pennsylvania.

OREGONIA NOT TO MEET

Faculty Club Postpones January Assembly For One Month

The January meeting of Oregonia, faculty amusement club, has been postponed, due to a conflict of dates in which the conferences of the High School Press association and the Association of high school

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Presidents and Secretaries, has been given precedence.

Plans for a "hard-times" dance, to be given in February, are being prepared by a special committee. The club also intends to act as host to the Assembly club, composed of the business men of Eugene, and at a later date will entertain the whole University faculty and business force.

GLEE CLUB CONCERT PLEASURES AUDIENCE

(Continued from page one)

"Long Ago in Alcala," by Messenger, sung by Aubrey Furry, who possesses a rich basso voice, found particular favor with the audience. Roy Bryson, tenor, pleased the audience with the corresponding variety of expression which he gave to his rich mellow voice. His best numbers were "Night," by Rachmaninoff, and "Khaki Lad." The Fireside Songs sung by the Glee club were well received by the audience, inasmuch as they were beautifully rendered in a setting that made one feel as if one were really by a fireside dreaming away the evening hours with pleasing harmony.

The varsity quartet, as in former years, proved one of the outstanding features of the program. "Ten-Tennessee" and "That Old Gang of Mine" were among their numbers. "The Soft Shoe Shuffle," given by Lyle Palmer, and "The Bolshevik Duo," by Muller and Cooley, constituted the principal features, but Russel Brown, appearing as the great prima donna, Madame Goshladinkladankla, stopping in Eugene enroute to Europe, was the biggest hit of the evening. "Madame's" charming manner and falsetto soprano voice delighted the audience more than once.

The concert was closed by the singing of Oregon songs by the quartet, Glee club, and former members of the club. John Stark Evans, the director, said last night, following the concert, that he felt the glee club had appeared before one of the most appreciative audiences before which any club under his direction had yet appeared, and he was very proud of the fine spirit of co-operation expressed by the students.

"COLLEGE" NO RETURN ADDRESS FOR LETTERS

University Postal Officials Get Stamp to Inform Students of Mistake in Writing

The University depot's recent acquisition of a rubber stamp is going to mean sad consequences to some of the students. This threat was uttered by postal authorities on account of the many letters received daily with no other address than the word "College." And this rubber stamp is going to be vigorously applied, saying the "College" is not the correct address. So students are warned of the necessity of correctly addressing their mail.

Up to the present time such mail has been addressed at the University depot, but many times even the name of the person to whom the mail is sent cannot be found. If there is no return address, the mail is sent to the dead letter office. Postal matter would be handled much more expeditiously if there were not the delay and bother of hunting up addresses. All new students are especially requested to leave their addresses at the depot.

ALFRED POWERS PUBLISHES ARTICLE IN "SUNSET"

Alfred Powers, of the University extension division, had an article in the January number of "Sunset." Mr. Powers described a woman of about 50 years of age who lives in the mountains of southern Oregon, gathering the bulbs of mountain plants.

SANFORD'S FOUNTAIN PEN INK

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"The Ink That Made The Fountain Pen Possible"

WEALTH OF LOCAL HISTORY REVEALED

(Continued from page 1)

each one and the source of the information carefully recorded.

And is his work nearing completion? Hardly—for he has yet a list of 30,000 or so names which he is working at, and which will take a great deal more of time and patience to compile and catalogue.

How many of us have climbed to the top of Spencer's Butte, and explored its rocky summit, but have never thought how it happened to bear its name. An interesting little tale is woven about it which goes back to the time the Hudson Bay company sent a party to California for horses and cattle.

In the party was a young Englishman named Spencer. Camp was made just west of the butte on what is now known as Spencer's creek. The young Englishman, being somewhat of an adventurer, decided to climb to the top of the butte and left the camp with his gun. He failed to return and search was instituted. About halfway to the top, his body was found, full of arrows, scalped, naked, and his gun and ammunition taken. What harrowing details of circumstantial evidence one might imagine. The surprised attack, the useless struggle and the final succumbing to the inevitable. He was buried near where he was found and the mountain named Spencer's Butte. The Indian name is Champ-a-tee, meaning Rattlesnake Butte.

And how many struggling frosh, climbing up Skinner's Butte, with a can of yellow paint under one arm, have ever thought of the significance of the name. Eugene Franklin Skinner, who came to Oregon in 1846, owned a large tract of land, around 40 acres, upon which Skinner's Butte was located. He built a small log cabin on the west slope of the Butte and afterwards donated the whole tract to the City of Eugene, which, by-the-way, was also named after him, by his wife. The cabin was the first house to be built in the city.

Who would have thought that the queer combination of letters, "Will-arbet," would ever come down to the present generation in the form of the musical name "Willamette," which has the beautiful Indian interpretation of "green water," first applied to the river in 1807.

And our own Oregon, which first became famous when William Cullen Bryant, in his immortal "Thanatopsis" that part of it in which he speaks of losing one's self in the woods, "Where rolls the Oregon, and knows no sound save it's own dashing."

Pages upon pages, Mr. Steel has in his library of the history of Oregon's names, and if one has an hour or so to spare he could spend it in no better place than hunting through this little library for some half forgotten childhood haunt, whose name you have often wondered about and



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which is very likely recorded in Mr. Steele's office.

The whole of this work, Mr. Steele says, is to be turned over to the government for its own purposes as soon as it is finished, and incidentally, this will be the only complete work of its kind ever compiled.

VARSITY SWIMMING WORKOUTS STARTED

Early Practice Points Toward Strong Team; State Meet to be Held in Corvallis

Active swimming workouts have been started under the watchful eye of Coach Fahl. Although no definite schedule has been arranged as yet, Fahl stated that the state meet this year will be held in Corvallis early in February.

From the way the men have been showing up in early practice, all indications point toward a strong aquatic team. Sousa, a new man, is out for the plunge. R. Sinclair, a breaststroke candidate, has been showing wonderful form from the start, and it will be hard to keep him from capturing a place on the varsity.

Coach Fahl has a large crop of candidates out. Among these are Palmer, Horsfall, Gardner, Yoran, Herron, McCabe, Lee, Angell, Wiswall, Eye, Heider, Mauthe, Smith and Burt. The tank in the Woman's building will be used by the swimmers every Tuesday and Friday evenings, commencing at 7:30 o'clock.

Don Park, student swimming manager, has charge of the freshman material. He has been putting his proteges in shape for a trial meet with the varsity, which will be staged soon. The frosh have been turning out regularly and are rounding into form.

YOEUL JOINS OREGONIAN

Former Campus Editor Reporter on Staff of Portland Paper

Kenneth Yoel, editor of the Emerald for the year 1922-23, has joined the reportorial staff of the Portland Oregonian. Yoel, since his graduation in 1923, has been connected with the Albany Demo-

crat and is now continuing his newspaper work in Portland.

Yoel was for four years active on the staff of the Emerald. Last year he was editor and the previous year was managing editor. In his freshman and sophomore years, he was a member of the reportorial staff of the campus daily. He is a member of Sigma Delta Chi, national honorary journalism fraternity, of Friars and of Phi Kappa Psi.

RUTH BYRNE TO PLAY

Campus Pianist Will Accompany at Recital, Thursday

Friederike Schilke, in her vocal recital, to be given Thursday evening, January 10, at 8:30, in the Alumni hall of the Woman's building, will be assisted in her work by Ruth Scott Byrne, a well-known campus pianist.

Mrs. Byrne will accompany Miss Schilke with her songs and will also give a piano group. She is a graduate of the University school of music, and gave a recital on the campus last year.

DELEGATES TO REPORT

Students Attending Convention to Talk at Vespers

The largest meeting at which the delegates, who went to the student volunteer convention, will report to the University on the convention, will be a vespers services to be held January 20, in the Methodist church. There will be a special musical program to be announced later. All University stu-



dents, faculty members and townspeople are invited to attend the services, which will be held at 4:30 p. m.

Mr. Henry Davis, secretary of the campus Y. M. C. A., and Rev. B. J. Giffen, University pastor, are in charge of a committee arranging for the meeting.

TWO NEW BOOK CASES INSTALLED IN LIBRARY

Reading Room Gets Extensions; Public Telephone Booth to be Put in Basement

Two new book cases have been installed in the reading room of the library during vacation, as a temporary expedient to take care of books that were on top of the cases in the stack room. It was necessary to remove the books before the two new tiers of stacks which have been ordered could be put in. These will probably be installed in about six weeks.

Some new extensions for books were also made on the second floor of the library to relieve congested conditions. The book cases accommodate about 2,000 books in all.

Another addition to the library, made during vacation, is a public telephone booth in the basement. So many students have used the library phone that it was decided a good plan to have a public booth available.

PSYCHOLOGY CLASS TO SEE SLOW MOTION PICTURES

Edgar Means, graduate assistant in the school of education, is securing for his class work in Dr. H. R. Crosland's course in psychology,

a slow motion picture from the University extension division, so that motion can be analyzed by the class. The class has already used ordinary pictures showing motion of wheels and these are to be followed now by special pictures.

PLEDGING ANNOUNCEMENT

Pi Beta Phi announces the pledging of Ann Springer, Jean Robinson of Portland, and Vera Dunham, of Pineville.

Alpha Phi announces the pledging of Dorothy Henderson of Tudor, Canada.

Read the Classified Ad column.

REX THEATRE

LAST TIMES TODAY

Zane Grev's **The CALL OF THE CANYON** WITH RICHARD DIX, LOIS WILSON and MARJORIE DAW

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News Events Topics of Day

Prices for this attraction only—Evening, floor 30c; balcony, 400 best seats, usual price, 20c; matinee, 20c; children, 10c.