

# The Emerald SCORE BOARD By Jack Burke

# Spears Opens All Football Positions To Competition As St. Mary's Game Nears

## Kitzmiller Is Only Certain Starter Now

### Forsta and Fletcher Retain Berths as Regulars Are Demoted

### Forward Wall Undergoes Revamping; Erdley Back at End

Several new faces may be seen in the Webfoot lineup when they meet St. Mary's Thanksgiving day in San Francisco, unless some of the regulars can win their berths back from the reserves who have been promoted during practice. Coach Spears has demoted every man on the squad with the exception of Johnny Kitzmiller and has declared every berth open for competition.

In the light scrimmage held last night several men who have played regularly all season were moved back to the second string or left on the sidelines. Linemen, in particular, were affected by Spears' decision. Only two regulars were included in last night's forward wall, Eric Forsta, center, and Steve Fletcher at left end.

Jack Erdley was back at his old position at right end, where he played regularly last year. Al Stoeher and Bill Morgan filled the tackle positions while Irvin Schulz and Ralph Bates were Spears' choice as guards. George Christensen and Marion Hall were demoted to second string tackle berths. Jerry Lillie and Bruno Cuppaletti took over the reserve guard positions.

With Johnny Kitzmiller back at his old halfback position, the backfield once more exhibited the snap and speed that it had before the Washington game. Along with Kitz were Red Rotenberg as the other halfback, Jack Rushlow as fullback, and big Ed Moeller as blocking quarterback. The defensive backfield included Choppie Parke and Johnny Londahl at the half positions, George Currie at quarter, and John Donohue backing up the line.

Austin Colbert, who has been out since the Oregon State game with a dislocated collarbone, was out last night, and although he did not participate in scrimmage, he will probably be in the starting lineup against the Gaels.

Any doubts that Kitzmiller would be out of the Thanksgiving day game were dispelled last night as he cavorted about Hayward field, crossing up the defense with his bulletlike passes and tricky laterals. Spears evidently is planning to use a powerful aerial attack to score against the Californians for most of the practice session last night was spent drilling on pass formation. Many plays that have not been used as yet this year were included in the repertoire used last night. Most noticeable were the many lateral pass plays, which worked to perfection against the reserves.

### UNGER PRODUCES BIG FIND IN SPECTRUM

(Continued from Page One) theory extant to account for this. Of course, researches into this field are not many and seem to have no importance attached to them; nevertheless we are always interested when something of this nature is announced, for it furnishes a basis for intelligent speculation as to the molecular and atomic differences.

Unger Congratulated "Much credit is due Mr. Unger for his very painstaking work. Had it not been for his extraordinary experimental skill, such accurate results could not have been obtained. We think he has done some very wonderful work."

Mr. Unger plans to continue his experiments with other liquids and see if he can account for the strange shift.

Reed college, where he majored in physics and minored in mathematics, granted Mr. Unger a degree in 1928. He received an M.A. from Oregon last year.

Practically all of his spare time is spent in the laboratory. He estimated that he spent all the way from two to ten hours a day working on his research.

The only way of recording the presence of the invisible infra-red rays was the reaction of a thermo-couple to a focused beam of rays. To get them to an accurate focus after changing their direction several times was a very exacting and painstaking task, according to Mr. Unger. There was no way of determining when it was in focus except by trying out the machine.

### CARDS AND BEARS WILL FIGHT IT OUT

Stanford and California fight it out this week-end for the cellar championship of California, barring UCLA. This game is perhaps the oldest classic on the coast and as such is always interesting. However, the rather questionable odor which has been arising from the two southern camps in the football situation at U. S. C. has taken the edge off the game.

Stanford should win hands down. Of that there should be no question. However, as Pop Warner says, this is the dumbest team he ever coached he may lose out at that.

### Cultural standards for women have been thoroughly revolutionized in the past century, in the opinion of Dr. Blanche Colton Williams, head of the English department at Hunter college, New York.

Students entering college today, in spite of their vast increase in numbers, are better equipped than they were ten years ago, if an investigation recently made by Purdue university applies in general. Tests in mathematics, English and physics identical with those administered to freshmen in the engineering course a decade ago showed a marked superiority in this year's entering class.

### Bulb Furnishes Light

The light from a tungsten bulb enters through a slit and passes through a series of three prisms and is reflected back again through them so as to get a double refraction, then it is caught and thrown against a mirror, reflected back again and focused on the thermo-couple, where the current generated actuates a galvanometer which in turn causes a beam of light to play upon the roll of sensitized paper on a revolving drum. The drum moves in unison with a prism, which plays the beam back and forth across the thermo-couple and brings the various rays of the spectrum into focus.

This research will be continued, and proofs of the work will be presented soon in a physical publication.

### Library Receives Two Gift Volumes

"Work of the Stock Exchange," by J. Edward Meeker, economist to New York stock exchange, in the name of two copies received by the library yesterday as a gift from Mr. Richard Whitney, president of the New York Stock Exchange.

### Work of Stock Exchange Is Subject of Books

The original text was written in March, 1922, following the crash of 1920. This copy is a revision in consequence of the depression of 1929.

"The past decade has been characterized as the first peace time age, and in which the United States has begun to function more and more as a creditor nation. The development of such a consequence to our nation has made a particular force in our leading capital market, the New York stock exchange.

### Forensic League Picks Varsity Debate Subjects

The Pacific Forensic league, composed of the debate coaches and managers of twelve western colleges, including the University of Oregon, has chosen three topics to be debated by varsity teams this year. A list of 18 questions was submitted to the league and from it the following three were chosen:

Resolved, that the expansion of chain stores is detrimental to the best interests of the American people; Resolved, that the federal government should guarantee to each state self-determination within its own borders regarding traffic in intoxicating liquors; Resolved, that nations should adopt a policy of free trade.

### Dr. Smertenko Attending California Conference

Dr. Clara M. Smertenko, associate professor of Latin and Greek, will leave Friday at 12 o'clock to attend the Pacific coast branch of the American Philological association which will meet at Stanford during the Thanksgiving holidays.

"The Origin of the Subjunctive and Optative Moods in Greek" will be the title of a paper to be read by Mrs. Smertenko at this meeting.

While in the South, she is scheduled to visit Stanford and the University of California and to confer with professors of Greek in these schools.

## Women's Teams Are Chosen for Donut Swimming

### Strict Training Schedule Must Be Followed by Mermaids

Women's intramural swimming contestants will settle down to real competitive swimming during the next few weeks, for teams have been chosen, and last night Miss Ernestine Troemel, intramural swimming coach, issued the schedule of meets.

Girls classed on teams must report for every single meet to get W. A. A. points. If their team should swim only twice in one week, they are required to get in an extra practice at some time during the week. Also, if they have not had their heart officially checked at the dispensary, they will not be allowed to swim in the meets.

In addition to the above rulings, girls are required to adhere strictly to training rules. These rules are: three regular meals per day; eight hours sleep each night; no eating between meals; one-half hour of exercise, other than swimming, a day, and no smoking.

The captains of each team are responsible for the sign-up of events for each week. Those girls who have been chosen as captains are: frosh, first team, Camille Clemenson; second team, Alice Madsen; sophomore, first team, Agnes Stewart; second team, Kamilla Klekar; junior, first team, Helen Dunshee; second team, Margaret Kerns; senior, first team, Orpha Ager; second team, Edna Prescott.

The swimming schedule which starts next Monday, is as follows: Monday, November 24: frosh first vs. frosh second, and soph first vs. soph second; Tuesday, November 25: frosh first vs. soph first, and junior first vs. senior first. Monday, December 1: junior first vs. junior second, and senior first vs. frosh second; Wednesday, December 3: frosh first vs. senior first, and junior first vs. soph first; Friday, December 5: junior second vs. soph second, and frosh second vs. junior first. Monday, December 8: frosh first vs. junior first, and soph first vs. senior first; Tuesday, December 9: frosh first vs. junior first, and soph first vs. senior first; Thursday, December 11: frosh second vs. soph first, and soph second vs. junior second.

### Professor of Economics Receives Questionnaire

A questionnaire asking an opinion on the Kelly Re-sale bill has been received by Calvin Crumbaker, of the economics department, from Carol W. Doten, professor of economics in the Massachusetts Institute of Technology at Cambridge. Congress is now considering this bill, which gives the manufacturer of a trade-marked article the right to control the re-sale price of that article.

"The large manufacturer spends thousands of dollars in advertising and building up a certain product," said Mr. Crumbaker in speaking of the bill, "and all his money is wasted when a dealer sells the advertised product at a cut-rate price to make it a 'leader.' True, sales on the article may be increased for that day, but the product has been irreparably hurt for future sales. The Kelly Re-sale bill gives protection to the large manufacturer, by preventing this."

This questionnaire has been sent to every instructor of economics in the United States in order to obtain a consensus of opinion on the bill.

## S. A. E. Bowlers Beat Sigma Chis

### Winning Quartet Rolls Up Score of 1803

In the opening game of the inter-fraternity bowling league held on the alleys of the Eugene Recreation club yesterday, Sigma Alpha Epsilon won two out of three games from Sigma Chi. The S. A. E. quartet rolled up a total of 1803 points to their opponents 1645.

Meyer Muus led the winners with 493 tallies to take high point honors. Chappie King, also of the winners was second with 478. Near and Shaneman, with 465 and 452 respectively, topped the Sigma Chi bowlers.

Members of the winning team were Walgren, Woodruff, King, and Muus. The Sigma Chi quartet consisted of Near, Dashney, Slauson, and Shaneman.

The other four teams entered in the tourney failed to play their matches yesterday and are requested by Manager Blaney to arrange for games before Saturday. The other entrants are: Sigma Nu, Kappa Sigma, Phi Delta Theta, and Phi Gamma Delta.

### Betas Overcome In Exciting Game Gamma Players

Beta snapped back into its early season form yesterday when it came from behind in the closing minutes to win 16-14 from the scrappy little Gamma hall outfit. On the bitter end of a 12-11 score, Ed Siegmund found himself unguarded under the Gamma basket and proceeded to sink two tries in rapid succession. He also added a foul conversion which left Gamma four counters to the rear. The hall five shelled the hoop in the final minute but were only able to collect two points when Dukek broke away from the scrambling mob to heave one through.

Beta got off to a good start, Scales scoring from midfloor and Rinehart adding another basket from a shorter distance. Gamma came back with a rush in the second quarter on sensational shooting by Minney, Dukek, and Lord to send Beta off the floor at the half trailing 10-7.

Inability to convert free throws cost Beta the Fiji game, but it served as a means of overtaking Gamma in the third quarter. Bob Near was especially accurate from the foul line and Gamma saw their margin dwindle to one point at the end of the period. As Gamma successfully stalled through the greater part of the last quarter the one

### Girls' Swimming Team To Have Heart Check

University ruling compels that all girls competing in intramural swimming teams have their hearts checked. This checking must be completed before next Monday, when the first meet has been scheduled, or they will not be allowed to compete.

Those who have not yet reported to any of the dispensary doctors for a heart okay are: freshmen, Alice Hull, Isabelle Jenkins, and Vivian Vinson; sophomores, Marie Daly, Frances Keene, Helen Raitenan, and Rhoeon York; juniors, Caryl Hollingsworth, Edith Jessop, Margaret Kerns, and Marie Nelson; seniors, Orpha Ager and Edna Prescott.

It is absolutely necessary that these checkings be made and the okay's turned in to Miss Troemel, swimming coach, in order to permit the girls to participate in the swimming events.

## Phi Delt Defeat Omega To Win League Title; Siegmund Stars

### TODAY'S GAME Men's Gym 4:00—Beta-Fiji

Phi Delt was four points better than Omega hall Wednesday night and four points better last night. Omega, as usual, outscored the winners in the last half but the slow start was too much of a handicap. The only feat accomplished by Omega was the close checking on Red Rogers.

The whole Phi Delt team did some excellent shooting early in the game to lead 11-4 at the half. Their attack, however, fell off in the late stages of the game and Halonen and Boles of Omega were making it an interesting contest at the end.

### Hugh Rosson Goes to Bay City for Pre-Game Work

Hugh L. Rosson, graduate manager of the University, left for San Francisco yesterday noon where he will work on the advance publicity for the Oregon-St. Mary's game to be played in Kezar stadium on Thanksgiving day. The game is attracting a great deal of attention in and around San Francisco, and the record crowd of the year is expected.

According to "Doc" Robnett, assistant graduate manager, tickets for the game will be on sale at the graduate manager's office until Saturday morning when they will be forwarded to San Francisco. The tickets command seats in the center of the field and are selling for \$2.00.

### Tornadoes Will Never Hit Oregon, Says Dr. Hodge

"Oregon will never have a tornado," said Dr. Edwin T. Hodge, professor of geology, when questioned concerning the tornadoic winds that swept across Oklahoma, Arkansas, and Kansas yesterday, killing 21 and injuring over 100.

"Tornadoes are due to the overheating of some local area in comparison to the surrounding areas," continued Dr. Hodge. "The overheating does not have to reach a high temperature, but merely be high in comparison. The cold air rushes in to replace the light air, which is forced upwards. The air moving develops into a spiral-like column which rushes with great velocity and is very destructive."

## Biologists Dine

### Samara, biology honorary, held a meeting yesterday noon in Deady hall. An attractive luncheon was served during the meeting. Bess Templeton and Eleanor Flanagan were the hostesses for the luncheon.

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