

Improvement Projects Beautify Idaho Campus

Wide Stretches Seeded To New Lawn; Remaining Areas to Be Plowed and Landscaped This Fall

Idaho's campus, considered one of the most attractive in the United States, will be made beautiful than ever when improvements now under way and contemplated are finished.

Students returning this fall will gaze on wide stretches of velvety green lawn which replaces areas plowed up last spring. Remaining pieces of old lawn, so grown to weeds as to practically kill out the grass, and in many places too rough to mow, will be plowed up this fall and seeded next spring.

Pennsylvania Lad Wants Pennant As Hitch-Hiking Aid

University alumni in the east and middle west need not be greatly surprised if they see a westbound silver and gold pennant on the highways between Pennsylvania and Moscow between now and the opening of college, September 17.

Landscape MacLean Field Alumni who return to the campus for Homecoming will hardly recognize their old MacLean stadium.

REGENTS APPROVE FACULTY CHANGES

Shifts Comparatively Few; Most Appointments Are of a Minor Rank

Faculty changes approved by the board of regents for the coming year are comparatively few in number, records in the president's office reveal.

Idaho Faculty Trio Granted War Honor, Order Purple Heart

Three members of the Idaho faculty hold the Order of the Purple Heart, a military decoration originated by General George Washington during the Revolutionary war, and recently revived by the United States government as a World war medal.

Prepare Yourself!

To All High School Graduates:

As the first of September approaches, you are beginning to make your plans for the coming year.

This issue of the Argonaut is being sent to all high school graduates, but I do not know of anyone at the University who would urge attendance at the University as the only means for preparing for the life which you individually may intend to live.

After four years of difficult economic conditions, the great majority of our thinking people have come to the conclusion that this country must carry on, depression or no depression.

As you view the future of the United States, it must be clear to you that if you are to take an important part in its activities, you must give yourself a type of training far broader and deeper than the training which was sufficient in the earlier days.

Depression or No Depression, America Must Carry On Complex, Fast-changing Times Call For Trained Minds.

so complex that you will not be able to contribute largely to their solution unless you are adequately prepared.

I do not wish to urge unduly any high school graduate to go to college, because college training alone will not guarantee you culture, qualities of leadership, or the ability to achieve great things.

As you read this issue of the Argonaut, you will get a good idea of what some of our graduates are doing. They are not all employed in just the kind of work they most desire.

For those of you who wish to live more cultured, more useful, and more effective lives, the University of Idaho offers advantages that are unquestioned.

If you are among the high school graduates to whom these things appeal, cordially invite you to join the student body of the University of Idaho.

Sincerely yours, M. G. NEALE, President.

Regents Select Deans For Forestry and Law

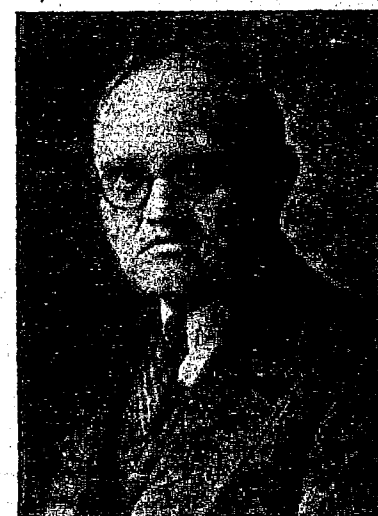
Dr. McArdle Takes Helm of School of Forestry; Pendleton Howard Advanced to Law Deanship

A man characterized by one of his associates as a "perfect natural" as a school of forestry dean comes to the University of Idaho this fall.

Dr. McArdle comes to his new position preceded by glowing recommendations and tributes from leading men in all phases of the lumbering and forestry industry.

Prof. Howard has been away the past year as visiting professor of law at Northwestern University. He was to return this fall as acting dean for the coming year while Dean Masterson was away on leave to do advanced study and writing at Harvard.

New Law Dean



Prof. Howard has been one of the most popular members of the law school faculty and his work has gained him national recognition.

New Forestry Dean



Dr. McArdle received his B.S., M.S., and Ph.D. degrees from the University of Michigan. Except for time devoted to graduate study, he has been employed by the forest service continuously since 1924.

UNIVERSITY READY FOR FALL OPENING

All Indications Point Toward Good Enrollment; First Classes Sept. 21

All arrangements have been completed for the opening of the 1934-35 academic year at the University of Idaho, reports President M. G. Neale.

Four engineering graduates with the class of 1934 are employed with the U. S. forest service in northern Idaho.

'NEW DEAL' MONEY GRANTED TO IDAHO FOR STUDENT JOBS

FERA Project Will Mean \$15 Monthly for 12 Per Cent of Enrollment

MAY TOTAL \$30,000 Applicants Will Be Selected On Basis of Need, Character and Scholastic Ability

Uncle Sam is going to make it possible for approximately 200 young men and women unable to finance their college education to attend the University of Idaho this year.

Sizeable Sum Available The federal emergency relief administration has announced an allotment of \$15 per month per student on 12 per cent of the enrollment of college grade or higher.

Where To Apply Machinery through which students make application for work on the new federal program already is underway.

YORK VISITS CHICAGO

Ralph York, president of the Alumni Association, reported a pleasant visit with Chicago alumni during his trip east in July.

Summer Session Enrollment Sets All-time Record

Making new summer school attendance records, only to see them topped the next year, has become a common occurrence at the University of Idaho.

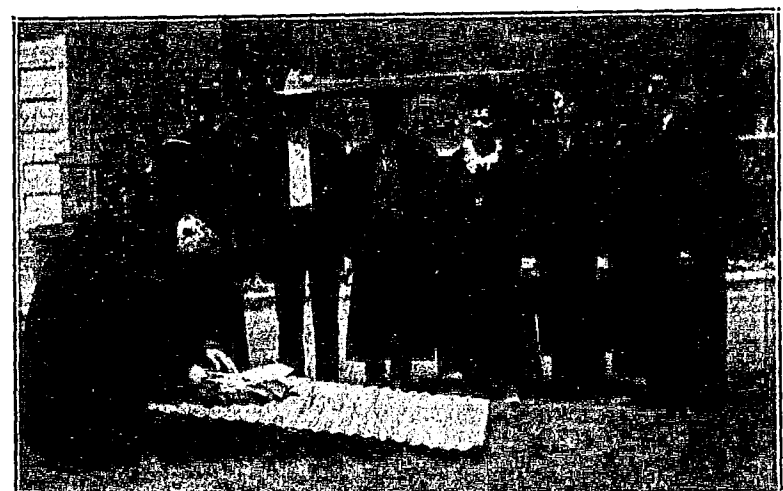
The very first day of the 1934 summer session it became apparent that the 1933 attendance record would be exceeded.

The 1934 summer school student body, counting students in special courses, totaled 764. Last year the summer school attendance was 537.

Entirely new at the Idaho summer session and as an educational feature in the state was the summer camp for high school musicians.

Harry Cline, 1933 entomology graduate, has charge of seed planting at McAllen, Tex., for the Crites-Moscow Seed company.

Touching Off An \$80,000 Fire



Members of the board of regents of the University watch Asher B. Wilson touch a match to the pile of 74 bonds, representing a one-time value of \$80,000.

CONCRETE PAVING REPLACES GRAVEL ON CAMPUS DRIVE

Extends Quarter Mile From Ridenbaugh on Around to U-Hut

USE STUDENT LABOR Entire Job Done By Department Of Buildings and Grounds; Prof. Howard Is Engineer

Paving of the principal campus roadway, an improvement that has been talked about on the Idaho campus for years and years, now is a reality.

The entire project was completed in early August by the department of buildings and grounds, under the general direction of its superintendent, R. W. Lind.

The new roadway is 19 feet 8 inches wide, including 6-inch integral curbing on either side.

(Continued on Page Two)

IDAHO DEAN GUEST AT SPECIAL SCHOOL

Dean T. S. Kerr, professor of political science and business law at the University of Idaho, was a guest of the Carnegie Foundation this summer at a special school of international law and relations held at Ann Arbor, Mich.

The Idaho Argonaut

Official publication of the Associated Students of the University of Idaho, issued every Tuesday and Friday of the college year. Entered as second class matter at the Postoffice at Moscow, Idaho. Member of Pacific Intercollegiate Press Association.

Mrs. Borah Praises Students Who Must Work Their Own Way

"The student who should go to college is the one who finds it hard to do so," declared Mrs. William E. Borah, wife of Idaho's famous senator, in an interview during her visit in Moscow to attend the University of Idaho's thirty-ninth commencement program.

A full appreciation of the benefits of college is often obtained only by the student who has to scrape to find enough funds to go to school and has to study hard to pass his courses while there.

Senator Borah found going to college no easy problem, said Mrs. Borah. While attending the University of Kansas, Mr. Borah had to support himself. The man who was later to be chronicled as "the senator from America" made one suit of clothes suffice during his four-year college career.

Working his way through school, Mr. Borah had to study late and hard when he got the chance. A certain student, who invariably had plenty of money to spend and he seemed to get by in his courses with little or no studying, was always the envy of Mr. Borah, his wife recounted. After graduation, the

senator often wondered what became of the fellow who "glided" through school, and did not find out till a few years ago at a dinner, in Washington, D. C., which was attended by William Allen White, well-known editor of The Emporia Gazette.

Mr. White, who was a classmate of Senator Borah at the University of Kansas, smiled upon being asked if he had ever heard what had become of the "lucky one."

"I saw him the other day," he said. "He was traveling about in a little car, peddling something or other."

Praise Smaller Colleges Mrs. Borah herself attended college, going first to Mills in California and later to Albany in New York. She spoke favorably of comparatively small colleges where instructors are able to take more of an interest in the individual students.

"I believe present day college students are taking their work more seriously than those of the preceding generation," she said. "This has been especially true of the last few years when financial sacrifices have been necessary for so many."

Philip Drissen and C. R. Patrie, '21, H. I. Nettleton, M.S., '28, and Charles Langer, '30, are administering the forest enterprises for the Indian service. Robert McLaughlin, '25, was and still is superintendent of Camp Roosevelt, Connecticut, the first C. C. camp in the United States.

Idaho Men in TVA. President Roosevelt's gigantic experiment in land utilization, the Tennessee valley authority, has called five Idaho men. Ike Burroughs, '27, who has been assistant state forester in Texas, is now assistant lands chief on the TVA project. William Callender and William Lansdon, '27, and Earl Morganroth and Melvin Coonrod, '32, were also directing work on that project last winter. Thirty-eight other graduates including those of 1934 are employed as superintendents, foremen, or technicians, in emergency conservation work and NRA projects, including the white pine blister rust control work.

Is Named Superintendent. Albert S. Daniels, '23, one of the 43 graduates in private employ, has been advanced to the position of superintendent of the Southern Pacific creosoting plant at Houston, Texas. Tom Jackson, '19, has recently accepted a position with the Crown-Willamette Paper company, of Seaside, Ore. He is to be in charge of the Young's river logging operation. Herman Baumann, '24, is woods superintendent, Fruit Growers Supply company, at Susanville, Calif. Graduates who hold responsible positions with the Potlatch Forests, Inc., of Lewiston, include Arlie Decker, '13, cedar pole and piling department; Edwin C. Rettig, '19, land agent and forester; Walter Field, '26, assistant land agent; Harold S. White, '26, dry kiln superintendent; and Royale H. ("Jerry") Johnston, timekeeper.

William E. Schofield, '16, is engaged in the forest taxation work as forest engineer and appraiser for the California state board of equalization. Stanley C. Clarke, '32, is state extension forester of Idaho. John J. McNair, who received his master's degree in 1934 has a position with the pulp division of the Weyerhaeuser Lumber company, of Lowell, Wash.

Not only are all of the graduates employed, but nearly all of the more than 100 students enrolled last year in the school of forestry have been placed in forestry work for the summer.

SEVERAL GRADS MADE FELLOWS

Twenty-five Minor Faculty Positions Filled; Make Graduate Study Possible

Twenty-five fellowships and assistantships, bottom rung positions on the university staff, have been filled for next year, principally with Idaho graduates. Students who hold fellowships receive a small salary for part time teaching duties, devoting most of their time to graduate study. Fellows usually receive a master's degree in a year's time. Appointments up to August 1 include the following:

Raymond H. Rhodes, graduate of San Jose State Teachers college in California, teaching fellow in English; Walter Virgin, '35, research fellow in agronomy; Roger H. McConnell, '32, last year with the U. S. geological survey in Arkansas, teaching fellow in geology; Clair L. Worley, graduate of Hiram college, Ohio, fellow in botany.

Edith Nancolas, '30, and Helen Powers, '32, teaching fellows in the school of business; Wilbur "Doc" Hogue, ex-'34, fellow in philosophy; Maurine Peterson, '34, and Kenneth D. Orr, ex-'34, fellows in zoology; Robert L. Craig, who holds a master's degree from the University of Nebraska, fellow in physics; Louis DeSpain Smith, '32, reappointed a fellow in the zoology department.

Warren W. Russell, '35, assistant in business law; Betty Jean Fisher, '36, Paul Rust, '35, and Harriett Norris, '36, assistant to the head of the music department. Tentative appointments reported are Leslie Larson, '34, as assistant in the wood products laboratory, and Richard Arnold, '34, possible assistant in the bacteriology department.

Your Dollar is Bigger at Idaho; Quality at Lowest Cost, is Slogan

University Graduate Surveys Campus and Notes Many Ways in Which Students Are Making Their Money Show Unusual Purchasing Power

By RAPHAEL GIBBS, '34

"YOUR dollar is bigger at the University of Idaho." Though the idea for this slogan is borrowed from a large chain department store, it is particularly apt for your own state university.

The wisecracker who first called a dollar a "cartwheel" should drop around and see how some of the students at Idaho are actually going through college on \$250 a year—getting a first-class education and having a good time doing it. True, this is probably the minimum figure, but it gives a fair idea as to the extraordinary size of some of the dollars rolling around the Idaho campus.

The following question is suggested to Idaho high school graduates, who may be wondering whether they can afford to go to college this fall: Can you board yourself at home for less than \$10 per month? It's being done at the university.

Cooperative Living Succeeds Scoring a "scoop" on economical living arrangements for college students, Idaho inaugurated last year the cooperative living groups on the campus. Though only an emergency measure, these groups again this year will be the haven of students whose dollars must show their buying power in size and not numbers.

"Just like taking a home economics course and getting paid for it," was the general verdict of 20 girls, living at the Women's College, who did their own cooking and cut down their monthly board bill to \$7 per month. The girls, under the supervision of an experienced housemother, alternated as cooks for each meal, besides doing all the other housework, with their own elected chief in charge. They were assessed \$6 a month for room rent.

About 100 students boarded at Ridenbaugh hall for the average monthly cost of \$9 per month, or 32 cents a day. Again the students did the work themselves, each working an equivalent of one week in six-and-a-half. On their duty weeks, they worked about three hours a day. Room rent for these students also was \$6 per month.

"Enthusiastic with the results of our plan, another Western college is planning to send a representative here this summer to study our arrangements," says C. S. Tanner, general supervisor for the Ridenbaugh hall group.

Paying back more than \$300 per month in wages to the boys who call spacious Lindley hall their home, was the record of this men's residence last year. The most needy were given the employment, so everybody was happy.

Many Students Work Working their way through college is the experience of a large number of Idaho students. "Rackets" actually include everything from "soup to nuts." Hashers, dish out soup for their own board, and one student made good last year by peddling some of his father's walnut crop to group houses. CWA and FERA checks, totalling approximately \$20,000, were a real boon to many students during the year. Many students were able to continue their education as a result of this assistance.

In trend with the dollar inflation program of the halls, Idaho fraternities and sororities have made dollars look bigger on house bills. The fascinating social life of Greek, in the form of the weakly group exchange dances to the memorable spring formal, are still listed on the calendar, but the market price is down.

Fraternity house bills at Idaho, covering all expenses, run about \$35 a month. This figure is unusually low for such nationally prominent groups as foot money is no necessary for good times and popularity. Idaho is too democratic.

Twelve dances a semester for \$2.50 is the bargain offer of one campus resort. This price averages about 21 cents per dance; and, on most week-ends, a couple is assured of an evening's entertainment, including refreshments, for a half-dollar.

Books are always an important item on college expense accounts, but their cost at Idaho has been reduced by the opening of two second-hand book departments in Moscow shops within the last three years. At these places, used books are bought and sold.

Quality for Less Registration fees for the year average about \$45 for both semesters. When the Idaho student leaves his own state boundaries for a higher education, he must pay extra out-of-state tuitions, ranging from \$25 to \$150 a year. Compared to the \$45 registration fee at Idaho, set fees of seven surrounding state institutions (for an out-of-state student) are: \$22, \$152.50, \$163.50, \$224, \$84, \$116.50 and \$181.

Adopting another department store slogan, the University of Idaho declares that it "gives quality for less." With an eminent teaching staff, the university is noted for its high class of instruction. Personal attention to individual students is stressed; and this means helping them get jobs after graduation as well as showing them how to handle one before.

NEW RELIGIOUS COURSE

A new course, "The Life and Teachings of Jesus," will be offered this fall by the Idaho Institute of Christian Education, reports Dr. C. D. Wells, director. Dr. Wells also reports that this year one course

will be offered each semester open to graduate students. The aim of the new course is to understand Jesus in terms of present social and personal problems. Dr. Wells reports that between March and June of this year he traveled over 7,000 miles contacting people and organizations in the interest of the religious institute.

New paint will enhance all outside woodwork on the Alpha Tau Omega fraternity house this fall. Painters are now at work applying a new coat of cream-colored paint.

REGENTS APPROVE

(Continued from Page One)

library work at Columbia, and last year was employed in the Seattle public library. Dr. Michael Peck is the new assistant in agricultural chemistry. He received his doctorate degree from Ohio State university in 1933, and was an assistant at Cornell last year.

Five instructors have been appointed for one year, four to serve during leaves of absence of other faculty members. John L. Barnhardt, who has taught at Pennsylvania State and the University of West Virginia, will join the dairy department staff in next year.

Positions of similar rank will be held by Katy Rae Boyer, instructor in the department of women's physical education; Lillie Gallagher, '31, school of business; Robert A. Fisher, '34, department of entomology; and Dr. W. D. Miller, school of forestry.

Kalbus With Bursar James W. Kalbus, '34, captain of last year's varsity track team, now holds a full time position as an assistant accountant in the bursar's office where he worked part time last semester. Mary LaRene Richards, '34, is chief clerk in the placement bureau and non-resident instruction department. Isa Adamson, '34, is a stenographer in the registrar's office.

Jean Collette, '28, has been advanced in rank from an assistant in the English department to an instructor. Fern Spencer, '33, joined the extension division staff April 1 as a district home demonstration agent for northern Idaho. Lawrence H. Chamberlain, '30, instructor in political science, will be assistant proctor of men in charge of Ridenbaugh hall. His wife (Mildred Perry, '28), will be hostess for the hall.

Used Central Plant Concrete for the paving job, as well as the new tennis courts, was mixed at a central plant on University avenue across from Lewis Court. Two trucks were kept busy hauling concrete.

Several sidewalks that connect with the pavement had to be raised, in some cases more than a foot. A new stretch of walk was built from the U-Hut entrance west to Line street.

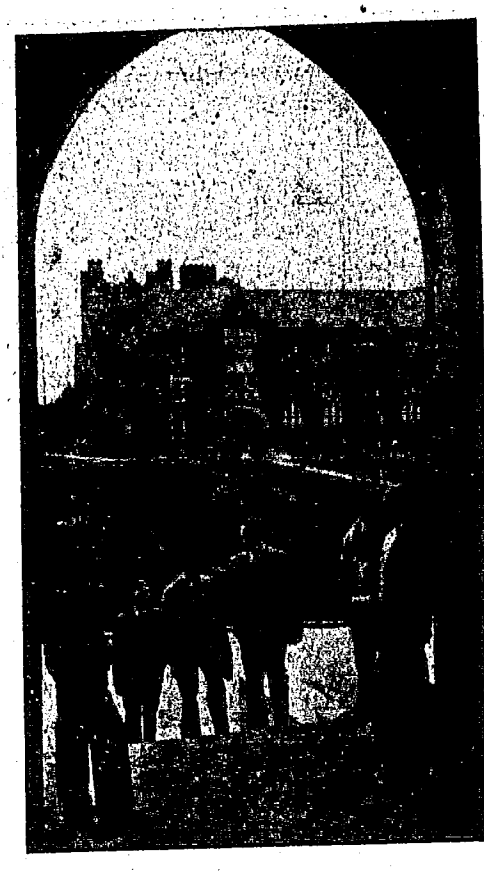
Concrete PAVING (Continued from Page One)

form lumber, and 1300 feet of 6 and 8-inch drainage tile.

Curb catch basins carry surface water to drain tile laid on one edge and three feet below the paving. Properly spaced expansion joints and steel shear and tie bars will make cracking and buckling practically impossible. The foundation or sub-grade was prepared by working the old macadam surface to the proper grade with a tractor-drawn scarifier.

Concrete for the paving job, as well as the new tennis courts, was mixed at a central plant on University avenue across from Lewis Court. Two trucks were kept busy hauling concrete.

Several sidewalks that connect with the pavement had to be raised, in some cases more than a foot. A new stretch of walk was built from the U-Hut entrance west to Line street.



Dauids' MOSCOW, IDAHO INC.

Here We Have IDAHO Saying "Hello!"

---And Here We Have DAVIDS' Saying "HELLO!"

- The history of the two are closely linked. The same year the University started Davids' started business in Moscow.
- The University of Idaho has grown to be one of the fine and large institutions of the country—so has Davids'.
- The University through all the years has maintained its high standards and its high ideals of service to the youth of Idaho—so has Davids'.
- This fall you can come to the University of Idaho expecting even better things than ever before.
- This fall you can come to Davids' expecting better service—newer styles—larger selections and lower prices than elsewhere.
- Register first then make a get-acquainted visit to North Idaho's largest store. Make it your down town home.

Hail--Hail--the Gang's all Going!

Where? Back to U. of I. How? Union Pacific Train When? Saturday, Sept. 15

Thru Coaches, Tourist Sleepers, Diner Here's the Schedule Here are the Low Fares

Going Saturday, September 15

Lv. Pocatello	9:55 a.m.
Lv. American Falls	10:32 a.m.
Lv. Minidoka	11:25 a.m.
Lv. Shoshone	12:30 p.m.
Lv. Gooding	12:52 p.m.
Lv. Bliss	1:10 p.m.
Lv. Glenns Ferry	1:55 p.m.
Lv. Mountain Home	2:45 p.m.
Lv. Orchard	3:15 p.m.
Ar. Boise	3:45 p.m.
Lv. Nampa	4:30 p.m.
Lv. Caldwell	4:46 p.m.
Lv. Notus	4:59 p.m.
Lv. Parma	5:11 p.m.
Lv. Nyssa	5:22 p.m.
Lv. Ontario	5:43 p.m.
Lv. Payette	5:54 p.m.
Ar. Boise	6:15 p.m.
Lv. Huntington	7:00 p.m. (MT)
Lv. Huntington	6:10 p.m. (PT)
Ar. MOSCOW, SUNDAY, Sept. 16,	8:45 a.m.

Good in coaches or tourist sleepers, upon payment of usual tourist car charges.

From:	Tourist Sleeper (lower berth)
Blackfoot	\$13.53
Bliss	11.10
Boise	9.38
Burley	13.11
Idaho Falls	14.06
Minidoka	12.66
Nampa	8.98
Payette	8.06
Pocatello	13.03
Shoshone	11.68
Twin Falls	13.85
Weiser	7.79

Reduced fares also from other points. For complete information inquire of local agent.

MAKE YOUR RESERVATIONS EARLY

UNION PACIFIC

"HELLO!"

The Newest of the New!

The pick of the New York and Los Angeles wearing apparel markets—

Smart Coats, Suits and dresses — are ready for your choosing.

The Fashion Shop

University Dean Surveys Expense Items Facing the College Student

Facts Cited to Help Each Individual Answer for Himself the All-important Question: How Much Does It Cost to Attend a Year at Idaho?

By DEAN IVAN C. CRAWFORD
College of Engineering

To the majority of students who plan on attending the University the matter of finance is of paramount importance. How much will a year at the University cost? This is the question most frequently asked of university officials. No exact answer can be given for the reason that expenses will vary with individuals whose tastes and habits are different. One student may be satisfied with plain surroundings and limited social contacts; another requires more elaborate living quarters, and enters into social activities. The annual cost of attendance at the University may easily be twice as great for the second student as for the first.

In an attempt to analyze the cost of attending the University of Idaho the following notes subdivide the costs under board and room, registration fees, books and laboratory fees, social expenses, and miscellaneous expenses.

Board and Room

At the University residence halls, the room charge is \$6 per month, and for board, the rate is \$4.50 per week. A student residing at the halls will therefore pay, during one academic year, the sum of \$216 for board and room.

At cooperative houses—these are maintained for both men and women—board has been obtained for as low as \$83 for the academic year with the room rent amounting to \$54 for the same period of time. The total then, for this item at these houses is \$137 per academic year. Students should realize that under this plan of living each student is required to devote a considerable amount of time in serving tables and cleaning house which leaves him or her less time for study and recreation.

At fraternity and sorority houses charges for board and room are in the neighborhood of \$30 per month, amounting to a total cost for the school year of approximately \$270. During the first years of the depression, many students "batched" and were able to keep the cost of board and room down to as low as \$135. This form of living is not recommended inasmuch as the time required for household duties interferes very materially with a student's academic work.

The cost of board and room may then be said to vary from \$137 to \$270 per academic year.

Registration Fees

During the process of registration in September and at the beginning of the second semester in February one-half of the following fees must be paid:

Health fee \$ 8.00
Associated Students 17.00
Class dues 1.00
Extra-curricular fee 10.00

giving a total of \$36 for the entire year. In addition to these fees a general deposit of \$10 is required at the beginning of the first semester; but this deposit is returnable to the student at the end of the academic year provided he has no unpaid University charges against him. For students who come from outside the state a tuition charge of \$30 per semester is levied.

Books and Laboratory Fees

The money outlay necessary to purchase books and pay laboratory fees varies over a wide range, depending on the course which the student takes. Laboratory fees will fluctuate from a low of \$6 to a maximum of \$36 in some of the advanced technical courses requiring a great deal of laboratory work. On the average, the amount of \$16 per year would probably be about right. Expenses for books will also vary greatly, probably from \$20 to \$40 a year. Expenditures for books and laboratory fees, therefore, will fall between \$26 and \$76 per academic year. Fees charged for courses in the Department of Music are not included in this summary.

Social Expenses

The tastes of the individual and the fullness of his pocketbook will dictate the degree to which he participates in the social affairs of the campus. Assuming a very moderate indulgence, the expenditures will vary for this purpose between \$50 and \$10 per month or \$45 to \$90 a year. It is to be expected that this item will occupy a more prominent place in men's expense accounts than in allowances for women.

Miscellaneous Expenses

Many aspects of the student life require money expenditures by the individuals who participate therein. It is impossible to estimate closely the cost of these activities. Probably \$10 or \$15 a year plus initiation fees into social organizations, ranging from \$15 to \$50, will cover such items. The cost to the student then, for such miscellaneous expenses will vary from nothing to \$65 per year.

Total Expenses

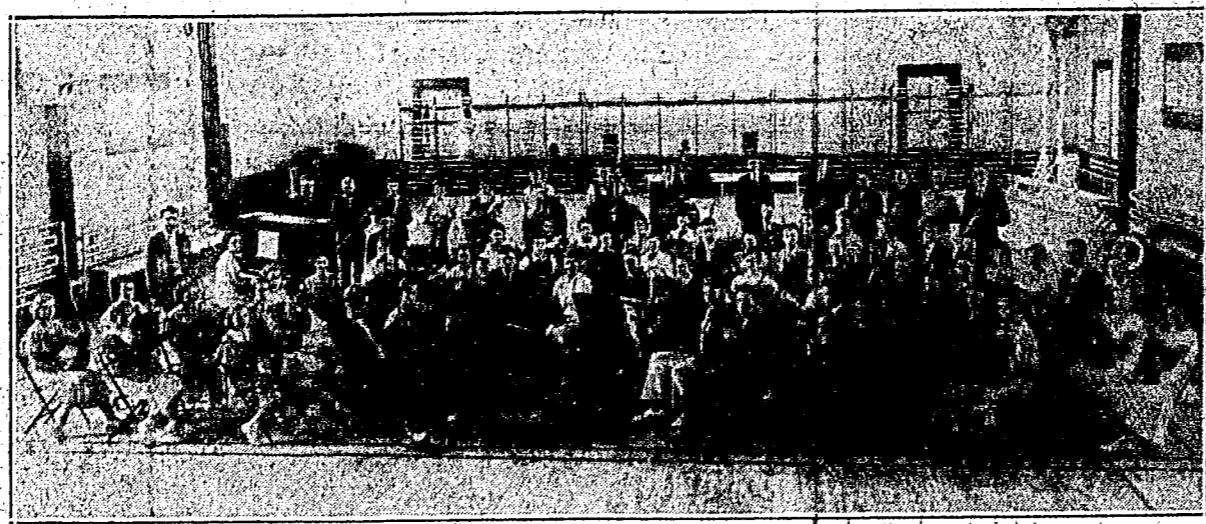
Summing up the mena and maxima figures given above we find that the cost of a year at the University may be as low as \$244 and as high as \$537. Contractors, if faced with a problem of estimating such costs, would add a percentage to cover contingencies—perhaps 10 per cent. The total estimated costs would then become, in round figures, \$267 and \$591. The latter figure would not be excessive; some students through force of circumstances make both ends meet and spend only the lesser amount.

However, in thinking of expenses the student should keep in mind the fact that comfortable living conditions plus a moderate participation in student life make a university career more enjoyable, and, in the long run, pay dividends.

Funds Necessary at Registration

If the entering student lives at a residence hall he must have funds for the following purposes when he registers: registration fees, books and laboratory fees, and general deposit, \$45; board for two weeks and room for one semester, \$36; incidentals, \$25; a total in round figures of about \$110.

First All-Idaho High School Orchestra



The eighty high school musicians who attended a special band and orchestra course held in connection with the summer camp liked their work so well that they didn't want to go home when it ended.

This unusual course, the first of its kind in Idaho, was directed by Harold Bachman of Chicago, considered the outstanding man in his field in the United States. His instruction served two purposes. Entirely new work in conducting for a band and orchestra leaders and music supervisors, and an equally new summer camp program of intensive study for talented high school musicians from all parts of the state.

Students who attended this year's summer camp are shown above in what one supervisor called Idaho's first all-state high school orchestra. During their stay on the campus they appeared in three public concerts. Swimming and other supervised recreation, concerts by visiting musical artists and a picnic or two helped offset their heavy schedule of classwork. Mr. Bachman said he was delighted with the progress they made in three weeks.

Assay Balance Weighs Millionth of Ounce; Testing Machine Exerts Force of 100 Tons

Weights as small as one-three-millionth of an ounce or pressures as high as 200,000 pounds can be measured accurately with scientific laboratory equipment used at the University of Idaho.

The most sensitive weighing instrument on the campus is an assay balance, accurate to .00001 of an ounce owned by the school of mines. With this balance the weight of a flake of gold not much larger than a speck of dust can be calculated in terms of ounces of gold per ton of ore. Its principal working parts swing on jeweled pivots like those of a fine watch. The entire mechanism is enclosed in a dust and moisture proof glass case. Even as much as touching one of the weight pans with dry fingers leaves enough moisture to cause error in calculations.

The champion heavy duty instrument on the campus is the massive 200,000-pound capacity Olson machine used in the materials testing laboratory of the college of engineering. It weighs several tons, and is used for testing the strength of building materials, either by pulling samples apart or squeezing them to death. A pine board placed between its jaws can be compressed to the thickness of paper, and a bar of steel two inches in diameter pulled apart like a piece of taffy. In its powerful grasp a 10-foot length of telegraph pole will snap as if it were a match.

This machine is nothing more than a multiple screw press, geared down to a tremendously low ratio, and operated by a five-horsepower electric motor. The college of engineering also owns a smaller testing machine—just a little fellow with a capacity of only 50,000 pounds.

WORK AT IDAHO PAID DIVIDENDS

Two Pre-Meds Find Graduate Study in East Easier Because of Basic Training

Pre-medical training at the University of Idaho has saved time and money for two recent graduates. Their letters tell the story of small classes at Idaho, and as a result, more training for each student. Similar examples could be cited for practically every department of the university, partly because they are small and manned by well-trained people.

Clayton G. Loosli, a 1931 graduate from Ashton, holds a fellowship in tissue culture at the University of Chicago—one of the best fellowships of its kind in the country. He obtained it principally because he learned how to take photomicrographs at Idaho.

Photomicrographs are photographs taken through a microscope, showing for instance, an enlarged picture of the cell structure of a chick embryo. Loosli learned how in a course in photographic technique, then took many such pictures while he was studying tissue culture as a graduate student. Other candidates for the Chicago fellowship, fellows from large schools, had watched their instructors take such pictures, but had never taken any themselves.

John C. Nunemaker, a 1932 graduate from Twin Falls, is studying medicine at Harvard. He wrote that his thorough training at Idaho is paying him dividends. Many of his classmates, he said, had no idea how to prepare slides—cut animal and plant tissues thinner than tissue paper, dye and mount them on oblongs of thin glass for study under microscopes. All students at Idaho make their own slides. Most of Nunemaker's classmates had worked with prepared slides, without having any idea how they were made.

Dallas Murdock, '33, is Smith-Hughes instructor in the Midvale high school in the upper Snake river valley, post office address, Lewisville.

HOME EC STUDENTS DOING RIGHT WELL

Jobs They Hold Are of Bigger and Better Order

Whereabouts for next year of 21 University of Idaho home economics graduates, 10 of whom received degrees in June, are reported by Miss Katherine Jensen, professor and head of the department.

Five of this year's graduates will teach home economics in Idaho high schools. Hector Reynolds, who received her master's degree with the class of 1934, will have charge of home economics instruction at the Gooding high school. Frances DuSault will be located at Grace; Ivy McPherson at Mountain Home; Beulah Berryman at Emmett; and Eva Jane Brown at Sugar City.

Judy Hoover, '34, has been elected a student dietitian in the Montefiore hospital, New York City. She will report for duty February 1. Veda Tochtman, '34 a food nutrition major, has been doing intern work since July in the Ancker hospital, St. Paul, Minn. Helen Wiswall, '34, is a social service worker with headquarters in Coeur d'Alene; Leota Hamlet, '34, since July 16 has been an instructor in the emergency nursery school at Moscow, her work to continue throughout the year. Dorothy Chapman, '34, is assisting in the tea room of the Mode at Boise, and also conducting clothing classes at the Boise, N. W. C. A.

Roberta Bell, '33, a student dietitian last year in the Child's hospital, Boston, Mass., has been elected a member of the hospital staff. She was asked by one of the child specialists to conduct for him a special feeding study. The excellent results of her research work landed her the position. Marjorie Stone, '33, who completed her dietetics training in the Fifth Avenue hospital, New York City, has been assisting on the staff during the summer.

Joins Extension Staff

Fern Spencer, '33, resigned her teaching position at the Kendrick high school last spring to become home demonstration agent for the University of Idaho agricultural extension division, northern Idaho district. Her former position at Kendrick will be held next year by Irene Luke, '33, who was teaching at Midway. Elwyn Gibbs, '33, has been advanced to head of the home economics department at Malad, from her rank of assistant teacher. The latter position will be held next year by Eunice Hudelson, '33. Alma Aas, '33, will teach at Deary next year.

Helen Hunter, '28, who for a number of years was in charge of home economics at Rupert, will hold a similar position next year in the Moscow junior high school. Mildred Glibbertson, '27, who has been teaching at Elk River, goes next year to Twin Falls. Mary Williamson, '26, changes from Blackfoot to the high school at Longview, Wash. Norma Barnes, '25, who recently received her master's degree at Columbia university, will teach at the Southern Branch next year.

SMITH'S RUN THIRD

Third in the United States last year for the longest scoring run in returning back kicks, according to Park H. Davis, national football authority, was "Little Giant" Willis Smith, now with a professional ball club, the New York Giants. The long run by Smith was his 86-yard dash in the 1933 homecoming game with Washington State college. James Boring (Penn State) was first in the nation with a 100-yard run, and James Peele (Purdue) second with a 90-yard run.

Dairy Instructor Chaperones Herd of Purebred Cattle From Seattle, Wash., to South Africa

Supervising the 10,000-mile shipment of 45 head of purebred Holstein cattle from Seattle, Wash., to Cape Town, South Africa, was the summer vacation that fell to the lot of T. E. Warren, instructor in dairy husbandry at the University of Idaho. Mr. Warren was granted a summer leave of absence by university authorities for his unusual vacation job. He was recommended for the assignment following an offer made through the courtesy of R. E. Everly, manager of the famous Carnation company farm near Seattle, who recently sold 40 yearling females and 5 bulls to South African purchasers. Mr. Everly is a 1921 graduate of the Idaho college of agriculture.

Due to the longshoremen's strike the cattle had to be shipped by rail as far as Los Angeles. There they were transferred to the Silver Palm, a freighter on the Silver Java Pacific line. The boat cleared Los Angeles June 1. Mr. Warren will be in Cape Town about a week or 10 days. He plans to return by way of Australia and New Zealand, with plenty of stop enroute. While in South Africa he plans to visit an uncle who lives about 200 miles from the coast.

"Hello, Idahoans!"










From Frosh To Faculty-

Your needs are here, and your first lesson in thrift will be had. The styles in clothing that college men and women like most, await you here.

May we serve you while at the University?


J.C. PENNEY CO. INC.

DEPARTMENT STORE







Board and Room

Second floor of attractive modern home short distance from campus, steam heat, private bathroom. Rates—\$25 per month for two in room.

MRS. A. V. RYDHOLM,
202 East Seventh St.

As Kate Smith Says

"Hello, Everybody!"

If She Were in Moscow She Would Buy Her MILKSHAKES at

Jerry's

"HELLO"

No other possession so definitely designates a man's position in life as his clothes. With him wherever he goes or whatever he does, they are virtually a part of his personality—a criterion of his taste, his standing, his success.

SPOT SHOP

"HELLO!"

OLD and NEW STUDENTS

May the coming year be both profitable and enjoyable.

We welcome you back to school—to Moscow and to BREIER'S

C. J. Breier Co.

"Hello!"

FOLLOW THE CROWD TO

Wright's Fountain

COMPLETE FOUNTAIN SERVICE
POPCORN, MAGAZINES, TOBACCOS
CANDY

"Hello!"

Welcome Back to Idaho!

USED BOOKS that SAVE YOU MONEY

Greet You at the

Student Book Exchange

at Sherfey's

BUSINESS SCHOOL PLACES GRADUATES

Several Secure Positions With Federal Farm Credit Association

Agencies under the federal farm credit administration are employing a number of recent graduates of the school of business, reports Dean R. H. Farmer.

Edward Harris, 33, Lester Randall, 33, and Edward Jacob, 32, are with the federal intermediate credit bank of Spokane. Ray Hall, 31, is accountant for the Lewiston production credit association, and Stanton Hale, 32, holds a similar position with the southwestern Idaho production control association at Caldwell.

Four men from the 1934 senior class, and one from the 1933 class have taken positions with the Table Supply Stores, Inc., which operates a chain of grocery stores, canneries and a produce exchange in Florida. They are James Brein, Max Hollingsworth, Charles Schumacher, Neil Speits, and Basil Stewart, all 1934 men, and Wallace Nunn, 33, Darius Davis, 29, is vice president of the organization.

Other positions held by 1934 business school graduates follow: James Kalbus, assistant accountant in the bursar's office, University of Idaho; Allen Severn, credit department, C. C. Anderson Co., Boise; Phil Flikkan, with a Minneapolis firm running a chain of sporting goods stores; Robert Burdick, accountant and statistician for the Upper Snake River Valley Dairy association at Idaho Falls; Rosamond Aram, Moscow-Crites Seed Co., Moscow; Doris Emery, bank in Lewiston; Jane Dunn, commercial teacher at Sugar City.

TEACHING POSTS DRAW AG GRADS

Six graduates of the college of agriculture have been employed to teach vocational agriculture the coming year in Idaho high schools and those in nearby states, reports H. E. Lattig, head of the department of agricultural education.

J. Weldon Webster will have charge of the department of vocational agriculture at Malad; Elmer Belnap will take over the department in Ammon rural high; Elbert Mc Proud will teach at Culestac; Milton C. Grover will start a new department of vocational agriculture in Kendrick high; Theodore Earning, 32, will start a full time program in farm mechanics in Madison rural high, Rexburg; Ralph Olmstead will teach vocational agriculture at Redmond, Wash.

IDAHO INSTRUCTOR STUDIES IN EUROPE

Miss Mary Kirkwood, instructor in art, returns this fall after a year's study and travel in Europe. Miss Kirkwood left Moscow in June, 1933, to study at Harvard university under a summer grant from the Carnegie Foundation of New York. From there she went direct to Sweden where she spent the winter in the Royal Academy at Stockholm. She has been traveling throughout Europe this summer, visiting the great galleries and art centers, and will resume her teaching position in the Department of Art and Architecture this fall.

The Swedish Academy is considered one of the finest schools in Europe at the present time and admits few foreigners. It being a royal institution, the students are wards of the King and have many interesting prerogatives because of this status.

Campus Distillery Ran Full Tilt Even In The Days of Prohibition

A still with a capacity of 60 gallons an hour operates from 48 to 96 hours a week on the Idaho campus, and no one ever thinks anything about it.

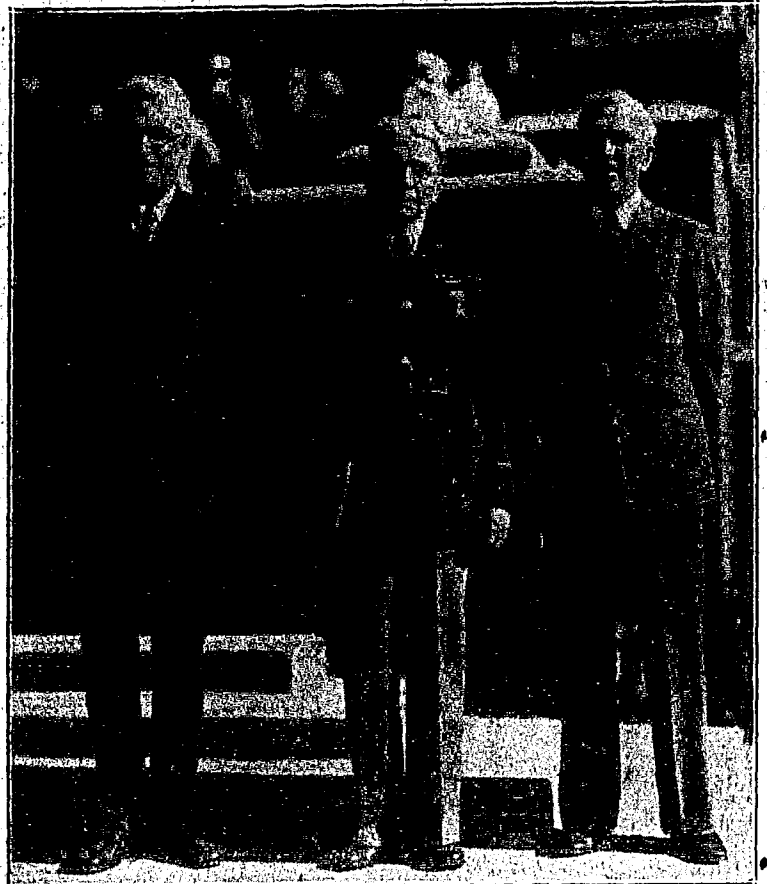
This distillery, located on the fourth floor of the Science hall, supplies an average of 1000 gallons of distilled water a week to university laboratories. It weighs 1500 pounds, and is heated with live steam. Its product, stored in an 800-gallon tin lined tank, is carried to various parts of the building in pure tin tubing. Tin withstands corrosion and thus prevents further chemical impurity.

The university's water supply normally contains approximately 150 parts per 1,000,000 of solid mineral matter, principally calcium and magnesium. Although excellent for drinking purposes, like all tap water it cannot be used in chemical experiments. A water softening machine and the large still reduce its mineral content to 3 parts per 1,000,000, or a purity of 99.997 per cent.

Even this purity is far too low for conductivity experiments. Water 10 times more pure is supplied by a Kraus still, planned by Otto Turinsky, instructor in chemistry, from a published design. Charged with a mixture of ordinary distilled water, live and potassium permanganate, this still will run two gallons of water an hour containing less than .00003 per cent impurity, which is very pure water indeed.

Expressed more scientifically, this water has an electrical conductivity of .000003 reciprocal ohms. The minute amount of impurities it contains is due not to foreign mineral matter, but to dissolved carbon dioxide gas, and glass dissolved from the walls of the containers in which it is stored.

Alumni Honor General Chrisman



Jerome J. Day General Chrisman Dr. C. L. Kirtle.

This trio figured in the conclusion to one of the most spontaneously successful projects in Idaho's 42-year history—that of paying tribute to Brigadier General Edward R. Chrisman with a life-size oil portrait unveiled at commencement time in the entrance lobby of the Memorial gymnasium.

Jerome J. Day, ex-'04, presided at the unveiling ceremony held on the steps of the building. Mr. Day, who took military training under Captain Chrisman in 1904, is a member of the board of regents, the first Idaho student ever to serve in that capacity. General Chrisman, commandant of cadets and Idaho's oldest faculty member, first came to the campus in 1894, when the University was only two years old. Dr. Charles L. Kirtle, '96, a member of Idaho's first graduating class, was a cadet under "Lieutenant" Chrisman in 1894. Dr. Kirtle presented the portrait to the University on behalf of the Alumni Association.

From A Grad of '96

Idaho Has Achieved in Life of One Graduate What Many Institutions Require Generations to Attain, Says A. P. Adair

The Old Idaho spirit never dies! The third living member of the class of '96, A. P. Adair, Sea Cliff, N. Y., couldn't come west for the 1934 commencement and dedication of the Old Steps. Mr. Adair regretted very much that he couldn't meet with Dr. Kirtle and Mrs. Johnston, the other members of the class. He wrote, however, a letter which carries one of the finest tributes to the University that the institution ever has received. It follows: Dear Classmates of '96 and Alumni: It would be a lasting delight if, this year, I could attend the reunion and commencement, but such a pleasure will not be mine as matters here, during these hectic days, make a western trip, this year, impossible. While I may appear to be the wanderer and to have deserted Idaho,

Write Newspaper History

Thumbing Musty Files of Early Idaho Journals Student Writers Learn of the Troubles and Triumphs of Pioneer Editors

Triumphs and tribulations of pioneer Idaho newspapermen are vividly described and recorded in a original history of Idaho newspapers which is being written by students in journalism, under Professor F. Beth.

The students thumbed through dusty files in newspaper offices, and mined other facts from interviews with editors, historians, and d-timers, from jubilee and anniversary editions, from incidental accounts in books of Northwest history, and from official records.

The Golden Age Only one copy of The Argonaut Age, published in Lewiston from Aug. 2, 1862, to January, 1865, is known to exist; the issue of Sept. 5, 1863, is named, and hangs in Lewiston Normal School. The issue contains a letter addressed by voters to Lloyd Magruder, urging him to run for Congress. Magruder left Lewiston before the paper was issued.

An Old "New Deal" After the depression of 1893, Mc-Kinley's election was called "A New Deal" by the editor of The Genesee News, one of the oldest papers in the state, records Keith Armstrong. During the depression, the editor published such "modern" thoughts as: "Cover Cleveland, shell out the shiners, dollars to you New Dealers, put the unemployed to work, and give us the good old times again."

Folks traveled through the hills and across the desert for three days to attend McMahon's Great World Circus at Mountain Home in 1898. The files of "The Mountain Home Republican" revealed to Perry S. Culp, who dug up the history of that paper. A news item in an 1892 edition described the popular "bugging bees" at parties. Blindfolded men caught the women and hugged them—quaint pastimes, eh? Commented the editor: "Imagine the facial expression of several men when they found that they were hugging their own wives!"

Disagreement among "old timers" over which team won the first football game between the University of Idaho and Washington State college is dispelled by Hugh Eldridge in his history of The Pullman (Wash.) Herald. The issue of June 16, 1893, said: "The football team of the University of Idaho came to Pullman last Saturday and won a game from the Agricultural College team by a score of 12 to 0. The college team can't seem to play football."

Imagine a college newspaper setting up a first prize of a \$3.50 sofa pillow to attract students to write articles for a special Christmas edition; that is what The Argonaut, student newspaper at the University, did in 1908, according to the history writer, Miss Frances Hanley. The publication started as a 16-page booklet in 1898; Guy Wolfe, Moscow lawyer now, was the first editor. Burton L. French was the second editor, and had G. P. Mix as the business manager.

Among former editors of The Argonaut who are mentioned in Miss Hanley's history are Ernest K. Lindley, staff writer for the New York Herald-Tribune and author of the recent book, "The Roosevelt Revolution"; R. E. Jenness of The Nampa Leader-Herald; Robert L. Holbrook of The Lewiston Tribune and instructor in journalism in the Lewiston high school; Louis Bons, editor of The Moscow Star-Mirror; E. J. Whittington, managing editor of The Boise Statesman; and Paul Jones, editor of The Carlton (Or.) Herald.

How water transformed a sagebrush desert into a garden tract within which blossomed one of Idaho's leading cities is described in the history of The Twin Falls Daily News in 1915 pool-pooled a government worker who warned of the dangers of trust in the western pine forests. "Another fit by bureaucrats over a tree parasite," the editor wrote in a satirical editorial.

The transitory tribulations of The Idaho State Journal, which had several owners during the nine years preceding its consolidation with The Focaltello Tribune in 1892, have been recorded by John Cusano, editor of The Moscow Star-Mirror.

How water transformed a sagebrush desert into a garden tract within which blossomed one of Idaho's leading cities is described in the history of The Twin Falls Daily News in 1915 pool-pooled a government worker who warned of the dangers of trust in the western pine forests. "Another fit by bureaucrats over a tree parasite," the editor wrote in a satirical editorial.

Gazing Through Solid Rock No Trick for Student Geologists

How to look through rocks, actually, is right through them is part of the technical training given the geology students in the Idaho school of mines. Laboratory technique, not clairvoyance, makes this feat possible. A chip of rock to be gazed through is broken off with a hammer. One side of the chip is ground perfectly flat, using various grades of carborundum on a motor driven grinding wheel. This surface is fastened to a glass slide with transparent Canada balsam. The opposite side is next ground down, until the rock section is about as large as a dime and 1/32 of an inch in thickness, approximately 1/1000 of an inch.

A paper-thin cover glass is cemented over the section with another dab of balsam, and the finished slide placed under a polarizing microscope. Magnified 200 to 400 times the thin section looks like glass, light passing through it readily. Tiny particles and veins of minerals in the section are thrown into relief in all colors of the rainbow.

Some metallic ores, too opaque to be examined in thin sections, can be studied with reflecting microscope. A flat surface the size of a dollar is ground on ore specimens of this kind and polished to mirror-like brilliancy. The more it is polished the better the reflecting microscope will reveal the secrets of its structure.

Technical work of this nature comes under the heading of mineralogy and petrography. Color combinations, crystal forms and other tests thus made possible furnish excellent means of identifying minerals. With either the polarizing or the reflecting microscope, microphotographs can be taken, the resulting pictures showing what the microscopes revealed.

Elmer Frost, Jerome, had the honor of representing Idaho at the Future Farmers of America national convention at Kansas City last year. Twenty-eight hundred boys from 41 states and Hawaii attended.

WINS HONORABLE MENTION IN NATIONAL COMPETITION

Fredericka Smith, junior in home economics, won honorable mention in a national dress design contest sponsored by Marshall Field & Company of Chicago.

Approximately 6500 sketches were entered in the contest by home economics students representing 254 colleges and universities. Several prominent fashion authorities who judged the sketches were intrigued with the original way in which Miss Smith trimmed a white sports dress. Twenty or more winning designs will be made up by the company and sold to the trade this spring.

Miss Smith, whose home is in Seattle, worked out the details of her entry in a design class under the direction of Miss Marion Pennerstone, instructor in home economics.

NEAR ARCTIC CIRCLE

Kenneth Noille, June civil engineering graduate from Trail, B. C., is transit man on a survey party in the region of Great Bear Lake in northern Canada. He had to travel 2200 miles by airplane in order to reach his place of duty.

ENGINEERING DEAN ENDS FEDERAL WORK

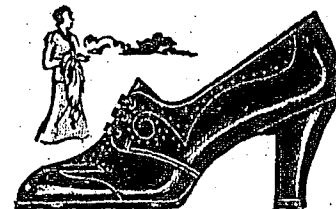
Dean Ivan C. Crawford has returned to the college of engineering after having spent a year with the federal government as state engineer and acting state engineer inspector for Idaho, federal emergency administration of public works. During that year applications totaling over \$10,000,000 have been approved and are in all stages of construction. George H. Miller, '27, and Vernon J. Otter, '29, have been engineer examiners connected with this work, and Carl O. Larson, '32, has filled the position of resident engineer inspector.

JUDGE AT PORTLAND

Three members of the college of agriculture faculty, F. W. Atkeson, and H. C. Hansen, dairy husbandry, and C. W. Hickman, animal husbandry, were official judges at the Pacific International Livestock exposition last year. Prof. Atkeson has the unique distinction of having judged all dairy breeds at the Portland show, a record not equaled by any other dairy judge at the show.

Striking Diversity of Leathers and Materials

Shoes To Match Costumes Pumps, with that tailored appearance, in Suede, Kid, Crushed and Novelty Grained leathers. 5 and 6-50



Spectator shoes, for street wear, are on the increase and the New Grained leathers fall in line with this development. 3.45 to 6.50

Beautiful "Strutwear" Hosiery in color tones to match your shoes

BUSTER BROWN SHOE STORE

"The store that really fits your foot"

UNIVERSITY PHARMACY

"Hello!"

Drug Sundries Fountain Service Phone 2336

'Hello!' Students, Old and New

We Welcome You Back To Our University Polly Cleaners 526 S. Main St. Moscow, Idaho

Crack Pistol Shot



Branch Walker, Boise, had the highest pistol score of the 110 R. O. T. C. men in training at Ft. George Wright this summer. He will be a senior this fall, majoring in chemical engineering. Walker's trophy winning score was 92. Two other Idaho students, Vernon Nelson, of Troy, and Edwin Vincent, Boise, placed second and third with scores of 91.77 and 91.44, respectively.

APPOINT STUDENTS AS STENOGRAPHERS

At least 12 secretarial and stenographic positions on the campus are out of the running insofar as applications for jobs are concerned. The following appointments had been approved by the board of regents up to August 1: Eleanor Berglund, '33, secretary in the department of dairy husbandry; Audella Johnson, ex-'34, secretary to the dean of the college of agriculture; Frances C. Wheeler, '34, secretary to the dean of the college of engineering; Hazel Gentry, '36, secretary to the dean of the junior college. Katherine Roos, part time secretary, department of home economics; Helen Lathrop, '35, and Phyllis Tenby, '35, stenographers in the department of English; Robert L. Middleton, '36, stenographer, zoology department; Dorothy Whitman, '37, stenographer, philosophy department; Louis S. Keyser, '34, stenographer, chemistry department; Chester Ball, '36, stenographer, botany department; Mabel Nye, stenographer, modern languages department. Grace E. Eldridge, '33, has accepted a position as kindergarten in Albany, N. Y. This is a special demonstration school of the University of the State of New York. Miss Eldridge received her master's degree from Columbia in 1934.

WORKING STUDENT AVERAGE SCHOLAR

Two Hundred on FERA Jobs Last Year Held Own In Classroom

The common belief that the student who must work to stay in college cannot get as good grades as his classmate without financial worries is disproved by scholastic records of nearly 200 FERA workers on the Idaho campus this second semester of last year. These students, on the verge of going home because of lack of funds, held jobs made possible by the federal emergency relief administration as part of the national campaign to assist deserving college students.

The scholastic average of the students employed on the FERA projects the second semester was 4.433, practically equal to the all-university average of 4.435, which is halfway between "C" and "B," or a grade of 74 with 100 as a perfect. All "A" or perfect grades constitute an average of 6.000 at the university. The average of the men students working on the federal projects was 4.393, which was higher than the average of 4.332 for all men students. FERA workers averaged 4.577, as compared to 4.667 for all women students.

Some of the FERA workers have achieved scholastic marks of which any student might be proud, even if he had all of his time to ponder books. One man, who worked 200 hours during the semester, had an average of 5.300. Several, working more than 150 hours, had averages of 5.000, or better. Averages of slightly below 5.000 were quite common in the list of those working 150 hours or more.

Text In Business Law Written By Dean T. S. Kerr

Prof. T. S. Kerr, junior college dean at the University of Idaho, waited six years for an ideal textbook on business law, and ended up this spring by writing it himself.

Business law being a comprehensive subject, Dean Kerr devoted 800 pages to its legal whys and wherefores, mixing them up with numerous quantities of understandable common sense. "Business Law Principles and Cases" is the title of the husky volume.

The outstanding feature of the book is the author's use of bold-down summaries at the beginning of each chapter. The text book is intended for the case method of study in a full year course. Subjects covered are contracts, agencies, sales, negotiable instruments, partnerships, corporations, property, bailments and carriers. The last three seldom have been included in previous casebooks.

Dean Kerr joined the University of Idaho faculty in 1924 as a lecturer in political science courses. Four years later he was assigned the work in business law. He was made dean of the junior college three years ago.

REPORTS PROGRESS BOTANY GRADUATES

Progress of four graduates of the botany department is reported by Dr. F. W. Gail, head. Elbert M. Long, '33, who held a teaching fellowship this past year while working for the master's degree, will enter the University of Chicago graduate school this fall to work for his Ph.D. degree. During the summer he has been junior botanist with the U. S. soil erosion project in eastern Oregon and northern California. Al Brown, '34, has a fellowship at Washington State college. Elizabeth Vincent, '34, will teach at Rathdrum. Ellen Chandler, '33, will teach in Gooding high school. Last year Miss Chandler taught in Gifford high.

IDAHO ECONOMIST STUDIES PRICES

Two Articles By Dr. Graue of Business Staff Appear In Publications

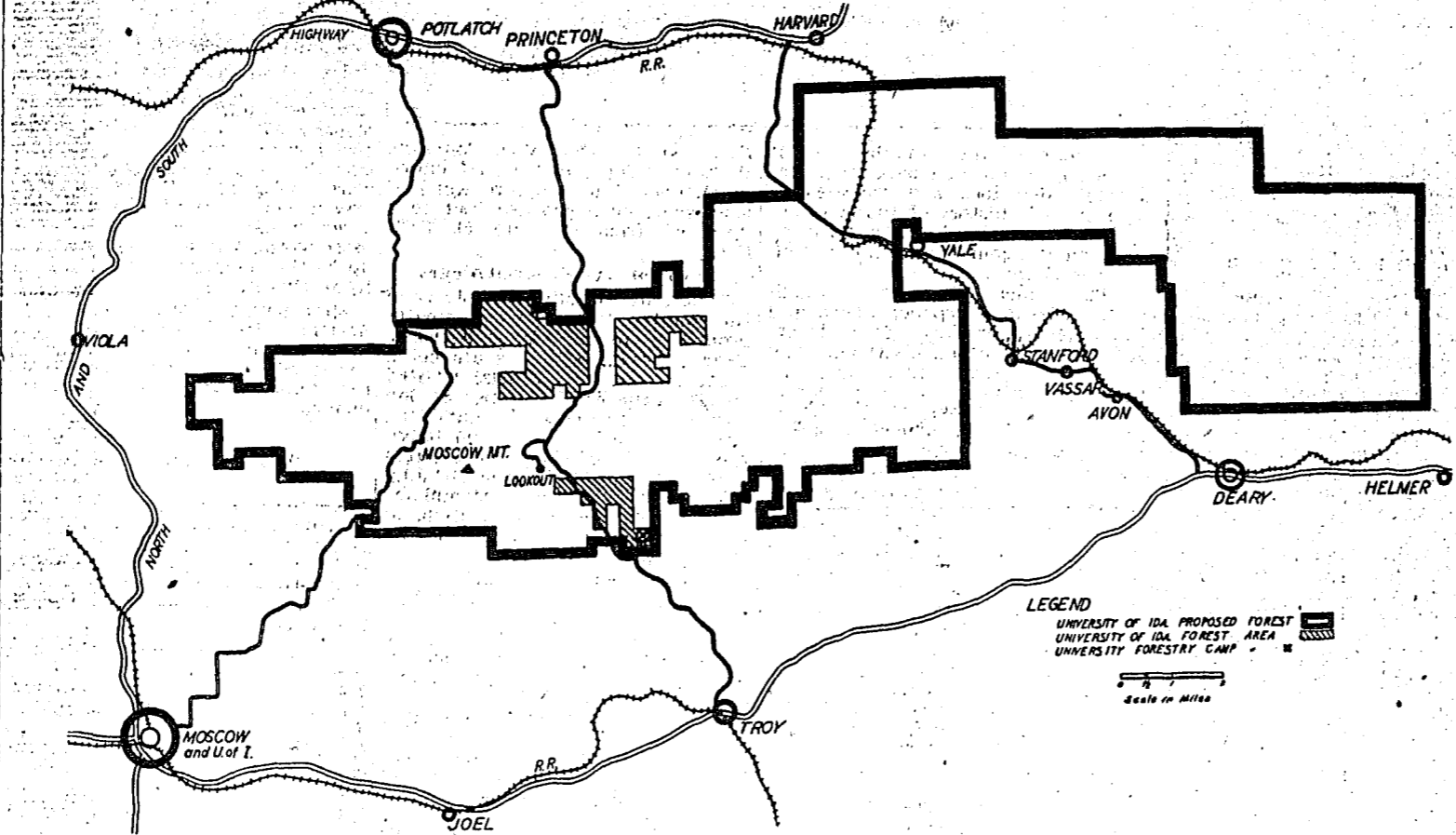
Two price studies have recently been completed by Dr. Erwin Graue of the department of economics of the University of Idaho. The June, 1934, issue of the American Economic Review contains an article on "Forecasts of the General Price Level in Retrospect," a critical appraisal of past performance of price forecasting by the outstanding economists of the United States. The second survey of Dr. Graue treats of "Trade Relationships with the Far East and Purchasing Power Parity," and was published in the 1934 issue of the Pacific Coast Economic Association Journal.

SEVEN ENGINEERS WORK UNDER AAA

Four of the seven district engineers appointed in Idaho under the AAA are Idaho engineering students or graduates.

J. B. Rodgers, '29, is in charge of the district comprising Latah and Nez Perce counties. Paul Ward, '34, has charge of Camas, Blaine, Lincoln, Gooding, Minidoka, Jerome, Twin Falls and Cassia. Allen S. Janssen, '30, is supervising engineering work in Power, Bannock, Caribou, Oneida, Franklin and Bear Lake counties. Paul Bert, '35, covers a large territory—Lemhi, Custer, Butte, Clark, Fremont, Jefferson, Madison, Teton, Bonneville and Bingham counties.

Congress Paves Way For Fine University of Idaho Forest



Above—Map showing size and location of University forest now in process of development.

Right—C.C.C. boys planting young trees on burned-over area in the forest region.

Left—A Moscow mountain road which indicates some of the natural beauty to be found in the area embraced in the proposed University Forest.



The area involved is a strip 23 miles long and 7 miles across at the widest place. Containing in abundance all of the principal commercial types of timber found in the important lumbering regions of the state, the area is ideal for experimental, instructional, and demonstration purposes.

WHEN the provisions of H.R. 7425, passed by the last session of congress, are carried out, the University of Idaho will have within 6 miles of the campus one of the largest outdoor laboratories available to forestry students anywhere in the world. Looking out from the windows of their classrooms in Morrill hall, forestry students can see timbered hills that will be a part of this gigantic outdoor laboratory.

Passage of the bill by congress was the first and most important step in the creation of a 63,655-acre University forest in the Moscow mountain area. The bill, introduced by Congressman White, passed both branches of congress without a vote against it. Under the bill the government will first acquire control of the land in the area involved. The next step will be an exchange with the State of Idaho for an area of land elsewhere of similar value. The final step will be for the state to designate the area as a University forest.

ENTRANCE TEST AIDS FRESHMEN

Required English Exam Spots Those Who Need Help to Avoid "Flunking"

All freshmen who enter the University of Idaho this fall will be required to take the usual placement test in English, often called the English entrance examination. Students who rank high in this examination will sail through their freshman English course with ease, but those whose scores are low will have English troubles in store. Such students will be segregated into special sections or classes in which they will be given remedial work to build up their linguistic and grammatical shortcomings. Were it not for such assistance, many students would otherwise "flunk" freshman English in the regular classes. The placement test, therefore, is an aid to the student, not something to be feared or avoided. Last fall a total of 579 new students took the test at Idaho. The highest score was 377 out of a possible 400, and the average, 221. All students whose scores fell below 206 were placed in remedial sections.

TOURS EUROPE AGAIN

Mrs. Margaret L. Sargent, professor of modern languages, spent the summer in Europe conducting a private party. While in Oberammergau, Germany, she stayed at the home of Anton Lang, who formerly played the part of Christ in the Passion Play. This is the fifth presentation of the Passion Play that Mrs. Sargent has witnessed.

University Laboratory Raises Cockroaches For Experiments on Physiology of Insects

Cockroaches, great big fellows an inch long, are raised by the entomology department at the University of Idaho as experimental animals in research work on the physiology of insects. Comparatively little is known about the life processes and internal organs of insects. Entomologists have been trying to find out for years. Once they know the normal functions of an insect's internal organs, they can develop more efficient means of killing harmful species, by throwing their normal processes out of gear with poisons. Trained experts in Idaho's entomological laboratory have been working on insect blood, studying in particular the number and different kinds of cells. Insect blood is white, and the moment it is exposed to the air it coagulates, ruining it as far as study under a microscope is concerned. Idaho faculty members worked out a method of treating living cockroaches with gas that solved this difficulty. They put a fat cockroach in a test tube, dose him with gas, and then snip off the tip of one of his long feelers. The tiny drop of white blood that forms on the cut surface remains normal instead of coagulating, opening up practically a new field of scientific investigation. Leading entomologists consider this discovery a significant advance in mankind's endless war against insect pests. It may pave the way for new and better control measures that could easily save farmers millions of dollars a year by reducing their annual crop and livestock losses due to insects.

COLLECTION CONTAINS WORLD'S FINEST MUSIC

A very fine collection of records, covering the world's music, now is available to all students of the University through the course called "Music Appreciation," announces Prof. Carleton Cummings, head of the department. The records are to develop music appreciation in students, whether they have had any music or not. Students who play any wind or string instrument or sing are urged to try out for the band, orchestra, or one of the various choral groups. The past two years has witnessed a marked increase in the number of students who wish one or more music courses for their cultural value, Prof. Cummings relates. Many of the outstanding educators believe that music is no longer a luxury, but is of great value in occupying leisure hours.

RELIGIOUS GROUP ALUMNI ORGANIZE

The Idaho Institute of Christian Education recently formed an Alumni association embracing those university students who have taken religious courses for credit. The first meeting was held on Alumni Day, June 9, with Dean Messenger as the speaker. Officers elected were Georgia Mae Bell, '31, Moscow, president; Thelma Pearce, '32, Kellogg, vice president; Edna Dushbin, '32, Troy, secretary; Stanley Rusho, '33, Blanchard, treasurer; Rhoda Wayne, '33, editor of quarterly alumni magazine. Since the institute opened in 1931, 350 students have taken courses, reports Dr. C. D. Wells, director. Forty-one members of the 1934 graduating class took such courses.

Entomology Students Use Library Without Single Book on Shelves

Imagine a library without a single book on its shelves—just row after row of shiny, varnished boxes full of bugs and insects neatly speared on pins.

Idaho has such a library, or insect collection, in its entomology department. This valuable collection contains about 10,000 different insects, all carefully identified with tiny tags. The collection is only a small fraction of the estimated total of 250,000 insects found in Idaho, but it includes a majority of the species native to the state that are harmful to man.

Insects are among mankind's worst enemies as they carry human and animal diseases, and destroy crops, fruits, forests, clothes, books and even buildings. Whenever a new insect pest is discovered in the state, specimens are sent to the entomology department where they are compared with specimens in the "library." Life habits of such insects are studied in detail so that suitable methods can be devised for getting rid of them, usually with poisonous dusts or sprays.

Many insects in the collection are so small that they have to be glued to the tips of narrow "wedges" of paper stuck on pins. Some boxes contain butterflies with a wing spread of several inches. They are the prima donnas of the insect world, brilliantly colored in all the tints of the rainbow. Still other insects in the collection resemble ugly prehistoric monsters when their terrifying details are magnified.

IDAHO GEOLOGIST WRITES ARTICLES

Four articles on highly technical phases of geology have been published since April in well known scientific journals under the name of Dr. Alfred L. Anderson, professor of geology in the Idaho school of mines. Two of his degrees are from Idaho, bachelor's in 1922 and master's in 1934.

"Composition of a Part of the Idaho Batholith in Boise County, Idaho" appears in the April issue of American Journal of Science under the joint authorship of Dr. Anderson and Alfred C. Rasor, a teaching fellow in geology who received his master's degree in June.

Articles written by Dr. Anderson alone include the following: "Contact Phenomena Associated with the Cassia Batholith," Journal of Geology, Vol. 42, No. 4; "Silver Mineralization of the Banner District, Boise County, Idaho," June-July issue, Economic Geology; and "A Preliminary Report on Recent Block Faulting in Idaho," June number, Northwest Science.

Campus-Built Telescope Reveals Usual Moon, and Jupiter's Nine

HONOR BROSNAW IN CENTENNIAL

Idaho Historian Has Part in 100th Anniversary of Jason Lee's Trip to Old Oregon Country

Dr. C. J. Brosnan, head of the department of American history, accepted an invitation to take part in the nation-wide centennial this summer in honor of Jason Lee, first missionary and American settler in the vast Oregon country.

Commemorating the 100th anniversary of the pilgrimage of Jason Lee from Boston to Oregon, a motorized "covered wagon" and auto caravan trekked westward over the route followed by Lee in 1833-34. Dr. Brosnan joined the caravan in Colorado, and delivered the main address at each of 20 programs held at cities in Colorado, Wyoming, Utah, and Idaho during late July and early August.

The Jason Lee centennial is being sponsored by the board of home missions and church extensions of the Methodist Episcopal church which the Reverend Lee represented in Oregon. The caravan left Boston April 16, with an itinerary of 111 stops from Boston to Salem Ore., where the cross country trip ends September 8.

Dr. Brosnan is recognized as a national authority on the accomplishments of the famous Oregon missionary, particularly since the publication last year of his most recent book, "Jason Lee, Prophet of the New Oregon."

Four of Jupiter's nine moons can be seen with an astronomical telescope built by a trio of scientifically inclined young instructors for the Idaho physics department last year.

The heart of this instrument is a concave mirror, one with its reflecting surface dished inward, ground by hand from a circular block of glass 8 inches in diameter. Its focal length is 6 1/2 inches. Grinding this mirror required hundreds of hours of patient work with stones and emery powder on the part of Joseph Newton, R. V. Lundquist, and L. W. Foskett. Silvering, and what little trueing-up was necessary, was done by an optical firm in California.

The mirror is mounted at the lower end of a long arm that is pointed cannon-like toward the heavens. At the "sky" end of the arms is a total reflecting prism that bends the desired light rays at right angles into the eye piece. The physics department hopes before long to replace the temporary base with a permanent mounting, one equipped with an electric motor. Stars constantly rotate in their orbits; hence the telescope should be equipped with a synchronized mechanism to keep it focused on the star under observation.

Persons who have gazed through the telescope report having seen the rings of Saturn, the phases of Venus and Mercury, and the cloud rings of Jupiter, as well as its moons, only four of which are visible at one time. The telescope reveals a wealth of detail on the moon, and a number of double stars that appear single to the naked eye.

'34 FOREST GRAD WITH PULP MILL

John J. McNair, research fellow in wood chemistry at the University of Idaho school of forestry has secured a position as chemist in the laboratories of the pulp division of the Weyerhaeuser Timber company at Longview, Wash.

Mr. McNair received the degree of master of science in forestry at Idaho's 1934 commencement exercises. During the past year he completed a research problem dealing with one phase of the chemistry and use of lignin, a part of the wood tissue now entirely wasted in producing pulp. The Weyerhaeuser pulp mill at Longview is one of the most modern plants in North America, and has exceptionally well equipped research and technical facilities.

JANTZEN'S
SHOE REPAIR SHOP
"Hello!"

Moscow Electric Company
"Hello!"

The Greeks and Many Others
Have a Word for It —
But There's Nothing Like the
Good Old Idaho "Hello!"

R. B. Ward Paint &
Hardware Co.
GENERAL HARDWARE

CORNER
DRUG STORE
"Hello!"

"Hello!"
HEADQUARTERS FOR STUDENT SUPPLIES

"Hello!"
Again
JACKLE
The
JEWELER

BOOKS
New and Used
For All University Classes

BOARD AND ROOM
Mrs. Laura Wishard
106 South Lilly

We Reserve Used Books on Request.
No Deposit Required
Hodgins Drug and Book Store
Member National Association of College Stores

VETERAN TALENT DOMINATES IDAHO '34 GRID OUTFIT

Material Ample From Tackle to Tackle; 190-pound Line Forecast

BACKFIELD HEAVIER

Loss of Norby and Smith, Two Stars of Last Year, Is the Darkest Spot in the Picture

"Idaho's chances for a first division finish in 1934 Pacific coast conference football wars?" "Very good, thank you, IF!"

The big IF hovering over Idaho's 1934 Vandals, who appear paradoxically both stronger and weaker...

Grand Finish The 1933 Vandal team was no outfit to fool with lightly from November on.

But, there is also the strong possibility that the solidification, momentum gained toward the close of last season will have been lost somewhere between November 1933 and September 1934.

The Big IF The big IF outlined above can be divided into two little "ifs"...

A well-coordinated, veteran line is the keystone of any good football team.

Many of Calland's veteran linemen missed spring practice because of participation in baseball and track.

Backfield Situation The other little "if"—the backs present a more concrete problem.

Viewed as a whole, the 1934 Idaho squad appears stronger. Material is ample on the line...

The 1934 grid outlook is promising. The Vandals will be contenters by November for sure.

Clean sweeps over Washington State in wrestling, golf and tennis, Pacific coast intercollegiate and runner-up boxing titles...

Louis Denton, Kimberley slugger, won the 145-pound championship of the coast collegians at Sacramento and Captain Louis August was runner-up in the 135-pound division.

Idaho ranked second in the squad drill competition, which was won by Montana State.

Leland Chapman, '28, has resigned his position with the U. S. patent office, and is now connected with a patent attorney in New York.

Golfers Boast A Spotless Record

Six straight victories over Washington State in the past three years is the nifty record hung up by the Vandal golfers.

Members of the 1934 team in addition to Lewis are Curtis Mann, Spokane; Chet Rodell, Hayden Lake; Alex Morgan, Kellogg; Lewis Ensign, Boise; and Vincent Bevis, Moscow.

EIGHT BATTLES ON GRID CARD

Two Highlights on Schedule Are Homecoming Game and Journey To Creighton University

The colorful Idaho Vandals will again perform before middle-western gridiron fans after an absence of seven years...

The Vandals meet an old foe, Creighton University, at Omaha, Neb., on Thanksgiving day to wind up a strenuous grid campaign.

Another game arranged since a skeletonized schedule was announced last spring brings the College of Idaho Coyotes to MacLean field November 3.

The complete 1934 slate of five conference and three outside games follows:

Sept. 29—Washington at Seattle. Oct. 6—Gonzaga at Moscow. Oct. 20—Oregon at Moscow (Homecoming).

Oct. 27—Montana at Missoula. Nov. 3—College of Idaho at Moscow. Nov. 10—Washington State at Pullman.

Nov. 17—California at Berkeley. Nov. 29—Creighton at Omaha (reference games. (No night games).

IDAHO RIFLEMEN WIN FINE AWARD

University Cadet Officers Carry Off All Honors at Summer Camp

A clean-sweep at the Ft. Wright, Spokane, summer encampment, was the near-record of 44 R. O. T. C. cadet officers from the University of Idaho...

The doughty award, a bronze statuette, is held for one year by the high scoring school in the entire Ninth Corps area...

This year's high score of 433.07 made by the Idahoans is within a fraction of a point of the last score to win the trophy of the Pacific coast two years ago.

First four places in pistol shooting were won by Idahoans in the following order: Branch Walker, Boise; Nelson; Ddwain Vincent, Boise; and Jack Stanton, Eagle.

Outstanding Cadet For the second consecutive time, an Idaho man has been the outstanding cadet at the encampment.

Completion of brilliant gridiron careers at Idaho do not mean oblivion for Willis "Little Giant" Smith, Boise, and "Big John" Norby, Rupert.

Smith and Norby to play pro ball. Completion of brilliant gridiron careers at Idaho do not mean oblivion for Willis "Little Giant" Smith, Boise, and "Big John" Norby, Rupert.

Smith and Norby to play pro ball. Completion of brilliant gridiron careers at Idaho do not mean oblivion for Willis "Little Giant" Smith, Boise, and "Big John" Norby, Rupert.

"Here's Looking At You!"



They're all ready to go—six of Coach Leo Calland's 1934 Vandal horde. He's "tougher than he smiles," is Norm Iverson, flashy end; "Suitcase" Ward, who never has to worry about being top-heavy...

1934 Vandal Squad--"Press Box View"

Table listing the 1934 Vandal Squad members by position and name, including (L.E.) Iverson, (L.T.) Nutting, (L.G.) Wilson, (C.) Swann, (R.G.) Berg, (R.T.) Moser, (R.E.) Rich, (L.H.) Smith, (R.H.) Berg, (Q.B.) Geraghty, (F.B.) Ward, and (L.H.) Honsowetz.

STRONG HOOP OUTLOOK NOTED

Filling Grenier's Place Toughest Job; Plenty of Veteran Material Elsewhere

Greatest strength in all but one position is the present outlook for the Idaho Vandal 1935 varsity basketball team.

Four letterman guards, Wally and Cy Geraghty, Merle Fisher, and Norman Iverson, will fight it out for starting positions.

SMITH AND NORBY TO PLAY PRO BALL Completion of brilliant gridiron careers at Idaho do not mean oblivion for Willis "Little Giant" Smith, Boise, and "Big John" Norby, Rupert.

VANDAL ATHLETES IN COACHING JOBS

Many Changes in High School Berths; Vesser Goes to Lewiston

New appointments, resignations and shifts have altered considerably the scenes along the state high school coaching front.

Another veteran of the renowned '24 team takes on a new post this fall when "Skipper" Stivers, former Nampa mentor who was appointed to the teaching staff at Benson Polytechnic School, Portland, a year ago, assumes full charge of the Techmen's football destinies.

Five Idaho athletes graduating last June have received appointments so far. Max Eiden will be coach at Boise Junior College.

SMITH AND NORBY TO PLAY PRO BALL

Completion of brilliant gridiron careers at Idaho do not mean oblivion for Willis "Little Giant" Smith, Boise, and "Big John" Norby, Rupert.

TENNIS COURTS ARE COMPLETED

Latest Word In Construction; Built of Concrete Across From Gymnasium

Doubled tennis court facilities will greet adherents of the sport when they arrive on the campus this fall.

The new courts are the last word in this type of construction, as the cement was treated with a chemical content to give it a grey color.

An additional space, the same size as the courts, is being leveled off on the play field to be used as an ice skating rink in the winter.

Three From Campus Study Gem State's Fishing Resources

Helping Uncle Sam take inventory of Idaho's fishing resources is the summer job of three men from the University of Idaho.

Glass and Kelley hold temporary civil service appointments as assistant biologists with the federal bureau of fisheries.

The survey party will study the streams in all parts of the state. Investigations will include such points as available food supply for fish, purity and temperature of water.

Conservation authorities have found by experience that mere planting of fish in streams and lakes is no guarantee of their survival.

Associate Professor Otto Anderson's Idaho track and field squad took a severe jolt last June through depletion of its ranks by graduation.

Associate Professor Otto Anderson's Idaho track and field squad took a severe jolt last June through depletion of its ranks by graduation.

"Hello!"

STEWART'S SHOE SHOP Fine Shoe Repairing

"Hello, Students!"

We cordially welcome students at our store. FOUNTAIN PENS, PENCILS, NOTE BOOKS, FILLERS

CARA NOME TOILETRIES

Puretest Drugs -- Rexall Remedies

DEVELOPING and PRINTING

Films left before 10 A. M. out at 5 P. M.

Complete Men's Toilet Requisites

Complete Ladies' Toilet Requisites

PRESCRIPTIONS

The Owl Drug Store

YOUR REXALL STORE with BEAUTY SALON on mezzanine

FIVE TOUGH GAMES FACE IDAHO FROSH

Reports Indicate Promising Turnout of Yearling Grid Material

Five tough afternoons await the 1934 Vandal freshman football squad, according to the schedule tentatively arranged for their pleasure by the graduate manager.

A sixth game may be added. Five tougher afternoons await the yearling team's opponents if advance dope from all over the state can be relied upon.

Fresh Coach Otto K. Anderson, who has been successful both in molding winning freshman teams and developing rookies into promising varsity material, will welcome a large turnout this fall.

Oct. 5—Lewiston Normal at Moscow. Oct. 13—Cheney Normal at Cheney. Oct. 27—Gonzaga at Moscow. Nov. 3—Ellensburg Normal at Ellensburg. Nov. 17—W. S. C. Frosh at Pullman.

BOYER GOLF CHAMPION

W. H. (Butch) Boyer, '29, won the Moscow golf club championship for 1934, one up on the 33rd hole from Harold Collins.

"Hello, Fellows"

WEAR BROGUES THIS YEAR

"Hello!"

STEWART'S SHOE SHOP Fine Shoe Repairing

"Hello, Students!"

We cordially welcome students at our store. FOUNTAIN PENS, PENCILS, NOTE BOOKS, FILLERS

CARA NOME TOILETRIES

Puretest Drugs -- Rexall Remedies

DEVELOPING and PRINTING

Films left before 10 A. M. out at 5 P. M.

Complete Men's Toilet Requisites

Complete Ladies' Toilet Requisites

PRESCRIPTIONS

The Owl Drug Store

YOUR REXALL STORE with BEAUTY SALON on mezzanine

