# Miners' Edition The University Argonaut

### VOLUME XXIV

UNIVERSITY OF IDAHO, MOSCOW, IDAHO WEDNESDAY, DECEMBER 6, 1922.



sterested Parties Asked to Gather for Few Minutes in Administration Building on Friday Evening

How can we best make Idahoans appreciate their native history and feel that individuality of this great state of theirs?

By the successful production of a big historical drama of Idaho.

"Next June we want 10,000 people gathered here to see our great pageant state, member of the State Board of of the early history of Idaho," said Education and chairman of the Uni-Dr. Miller in assembly last Wednes- versity Executive Committee. day. "This big enterprise will need the whole-hearted support of every the whole-hearted support of every department in the university and ev-ery organization on the campus. If the thing is to be done at all, it must be done right; and if there is anything which requires, unreservedly, **PREXES WEET** the utmost in cooperation and teamwork, it is a production of this nature."

#### Meet Friday Night.

execution are the keynotes for the success of the pageant, and with this idea in mind Dr. Miller extends (o everyone who is at all interested in

luction an urgent invitation to meet associated student body, returned last lege, 18. in room 211 of the Ad Building at week from the conference of the Pa-7:15, Friday evening. The real ob- cific coast student body presidents, ject of the meeting is to outline and held Nov. 23, 24, and 25. The conferget definitely started the work of ence was held at the University of California, 14. producing the pageant. General plans California, and student body presiwill be informally discussed and the dents from seventeen colleges, from suggestions of everyone, carefully con-the University of British Columbia to sid\_red. The meeting will be ad Southern California, were present. journed in plenty of time to enable Practically all business at the con- tain J. A. "Babe" Brown played his Brown, and occasionally took a pass Idaho committee on selection at Spoeveryone to attend the Muckers' ference was carried on by round table last game of collegiate football as from Brown himself. Smudge.



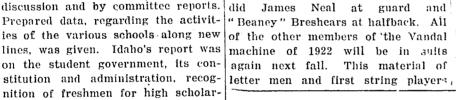


STANLY A. EASTON The leading mining engineer of the



Systematic planning and efficient Conference Held at Berkely Favors Constructive Movements for Etudent Government

any phase of the pageant or its pro-{ Lynn F. Hersey, president of the



ship, primiary elections for student PLANS TO SING XMAS CAROLS ficials and the Pep Band movement.



Superb Idaho Gridiron Machine Scores a Total of 74 Points As Against 51 Tallys for Opposing Teams During the 1922 Football Season; Coach R. L. Mathews Turns Out Prime Team; Brown, Neal and Breshears Play Last Game Against Montana Bruins Thanksgiving Day; Idaho Defeats Montanans by Score of 39 to 0.

With a total of 74 points against opponents' 51, the University of Idaho Vandal football team finished the 1922 gridiron season as one of the most successful years in the history of the institution last Thursday when the Montana Bruins met defeat at the hands of the Idaho warriors by a 39-0 count at Missoula.

Despite the strenuous schedule and supplemented by the men from the other handicaps experienced during freshman eleven, winner of the northseason the superb football west collegate freshman championmachine turned by Coach R. L. ship, and with Coach R. L. Mathews Mathews established a record to be in charge make the prospects for envied by any university or college 1923 alluring.

Vandal football players arrived in the west. Although Idaho did not win the home Friday noon after winning majority of the contests in which the easily from the Montana Bruins by wearers of the "I" participated the 39-0 on Thanksgiving day, winding up team played a very consistent game an entirely satisfactory season. Ida-

throughout and won by large scores ho's perfect aerial attack, mixed up and lost by relative small margins. with straight football, was too much for the Montana team while the Mon-A resume of the season shows: tana gains were hardly noticeable Idaho, 3; Whitman College, 0. Idaho, 0; University of Washington, against the Idaho defense.

Idaho, 9; Washington State Col- total gain of 296 yards, according to Idaho, 16; University of Utah, 0. Idaho, 0; University of Oregon, 3. Idaho, 0; University of Southern

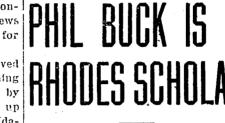
Idaho, 7; Gonzaga University, 14. Idaho, 39; University of Montana, 0. Total-Idaho, 74; Opponents, 51. Stivers passed accurately to Vesser, At Missoula, last Thursday, Cap- Cobley, Kinnison, Kleffner, Breshears,

did James Neal at guard and Prepared data, regarding the activit- "Beaney" Breshears at halfback. All ies of the various schools along new of the other members of the Vandal tank team for downs at every stage Morrow, former idabo Rhodes scholar, lines, was given. Idaho's report was machine of 1922 will be in suits of the game and the play was in is secretary. on the student government, its con- again next fall. This material of Montana territory most of the game.

ols?



JEROME J. DAY The leading mining operator of the state, a charter member of the Associated Miners and one of the Universitie's staunchest supporters.



Active in Literary and De- ing up the mat. ford in October.

Idaho completed 18 passes for a Phillip A. Buck, 23, has been awarded the Rhodes scholarship to yardage statistics compiled on the Oxford university, according to the game. "Skippy" Stivers handled the announcement from President Frank sending end of Idaho's effective for- Aydelotte of Swarthmore college, ward passing game, ran the team American secretary to the Rhodes turned Montana punts for good gains. candidates.

The selection of the Idaho Rhodes scholar was made by members of the

Idaho Defence Adamant. The Idaho linesman held the Mon- man of the committee and McKeen F. a goodly share of his conceit.

Majors In Economics.

college is a Methodist institution at Gooding, and the College of Idaho is

Presbyterian school at Caldwell.

Mr. Buck is majoring in history and



NUMPER 16

Card Scheduled As Best Smoker Program Ever Offered in Moscow

The Third Annual "Muckers' Smudge" announced for Friday night, December 8, at eight o'clock, promises to be the best ever handled by this organization, and one of the best ever witnessed in Moscow. The embryo promoters of the "Associated

Miners" have made a pilgrimage to Pullman and arranged for some of the young hopefuls from Cougarville to meet the Lion Tamers that romp about the streets of Moscow.

A headliner in the 135 lb. Class has been successfully engineered, the opposing parties being "Limber" Leslie from Pullman, and "Onyx" Peterson of Lindley Hall fame. They call him "Onyx" because he hits most "onyx "-pectedly. These boys went on a diet of raw meat two weeks ago and give every indication of burn-

bate Work; Enters Ox- The services of "Dainty" Donick, a Moscow lion tamer have been secured to Instruct "Weary" Gronvaldt the W.S.C. mixer, in the gentle art of self defense. These boys will weigh in at 175 lbs.

#### Terrible Burns.

"Terry" Burns, at 145 lbs., is the terry-ble Muscovite who confidentiwith a heady generalship, clipped off trustees. "Phil" won the scholar- ally informed the reporter that he a number of nice end runs, and re- ship in competition with eight other really wished to express his sympathy for the reckless youth who is to contradict him within the confines of the

squared circle. "Buff" Blodgett, his kane, Saturday. Dr. A. H. Upham, challenge and intimates that it is his president of the university, is chair- intention to relieve his opponent of

> "Heartless" Horning of Moscow, and "Slippery Steve" White of Pullman, have been looking forward with

Candidates were present from the fiendish glee to the day when they University of Idaho, Gooding college can glare at one another over the and the College of Idaho. Gooding prescribed strip of canvas. These big (Continued on page 6)

Conferences in Washington, D. C.

ation of State Universitties and the presidents of the Land Grant colleges of the United States. He represented the University of Idaho at START THREE NEW both conferences.

Ordinarily the university is represented by the director of experiment

tors and the dean of engineering is movement. considered most essential in that the No definite action has been taken divisional meetings of the national to secure housing for the new groups ually unsatisfactory exchange of organization are of vital importance. but some have proposed the building of gifts, and the big obligation of reviv-

The relationship of the land grant three new houses costing between \$20,- ing it rests upon us all." colleges to the federal government 000 and \$30,000 altogether. With only was one of the most important sub- two men in each study room the coljects discussed. Under this question lege considers that such accomoda- of Dean French's suggestions are the extension service problem was tions are much better than those in well under way. In order to famdiscussed. The extension service is the average fraternity house where iliarize everybody with the sacred could be purchased and presented to tooked upon as a public servant, ac- four men are usually assigned to a room

(Continued on page 6)

### **California Prof Advocates Credits for Bluff Geniuses**

University of California, Berkeley, | day he hasn't had time to study, (P.I.P.A.)-"Bluffing students should The human professor with a sense of 18 to 22, with a number of the Univerbe given credit for their cleverness humor accepts such a student as a -if they can put it over." The science professor who made the remark genius."

refused to be quoted by name for fear Bluffing is "putting it ever on the versity extension division will discuss of ruining the morals of his own other fellow," according to the sci- "The cow, the pig and the hen: what entific informer. He quoted a Stan-she means to Idaho." B. T. Parkclasses.

essor from asking him a question by "Does the 'prof' ever bluff-1 and "The hen and her home." Pren Onesbig item of loss was personal faculty as individuals are holding a previous tests. the one who usually knows his work. ent accept his lecture as absolute of the university college of agrici- and personal property was covered less as follows: and yet can put on a "bold front" the truth. It's a real game."

Represents U. of I. at Two Idaho is represented permanently or the admissions committee, one of two permanent committees appointed by the conference.

President A. H. Upham has just A complete report of the conference returned from a trip to Washington, will be given in A. S. U. I. meeting D. C., where he attended the annual and from time to time various topics meetings of the American Associ-discussed at the conference will ap

(Continued on page three)

### GROUPS ON THE

munity Enterprise," Dean Permeal PULLMAN CAMPUS French urged in assembly last Wed-WASHINGTON STATE COLLEGE, nesday that we begin preparations for station, the director of the extension Pullman, Wash., (P. I. P. A.)-Plans Christmas carol singing immediately service, the director of home eco- are under way for the organization of "The whole significance and spirit nomics, and the dean of the college three new men's fraternity groups at of Christmas is being obscured by the of engineering. Because of a short- Washington State College, according lamentable presence of a far more age of funds Dr. Upham was the lone to an announcement made by the col-University of Idaho representative. lege registrar, who has been working Representation of the Idaho diveo- to get men interested in this new

pressing attitude of material selfishness," said Dean French. "Christmas is coming to mean little more than a vacation, a good time and a us-

for the program.

ture, will complete the program.

Practice Songs in Assembly.

voice, a few of the old, sacred car-

Characterizing it as a "New Com-

nickels and pennies. Then when the Preparations for the carrying out contributions totaled enough some beautiful token expressing love of and appreciation for our Alma Mater songs mimeographed copies of them the university as a Christmas gift.

WILL REVIVE HOLIDAY SPIRIT economics in the college of letters and science. He is an honor student and What could be a more fitting and will be distributed in assembly and prominent in collegiate affairs. He beautiful salutation to the Christmas a part of that period will be devoted is a member of the Phi Gamma Delta holidays than the quiet gathering of each week to singing them. And also, fraterning and the English club. For

(Continued on page three.)

Students Make Gift.

a box in the lower hall of the Ad.

building to receive all extra and stray

the whole university around a big, all the organizations on the campus many years he lived at Filer and gralighted tree on the campus and there will be urged to practice the songs duated from the Twin Falls high school. Two years ago his parents reverently singing, with heart and in the evenings after dinner. The fine old fir tree that overshad- moved to Monrovia. Cal.

ows the Philippine War monument! Mr. Buck has been active on the will be brilliantly festooned with campus in literary and debate work. many colored lights and the plans are He has been a leader in college dramato have everybody gather around this tics and is the author of three original tree Sunday, Monday and Tuesday plays of unusual merit. He has been evenings before vacation and sing the a member of a number of Idaho de- university auditorium. Wednesday carols. Then Wednesday night every- bating teams and was one of the Idaho afternoon, November 13, on the subone will go down through town sing- Chicago at Boise last year. Last year of art.

(Continued on page 6)

#### In keeping with this revived Christmas spirit Dean French also made the DECISION NOT TO suggestion that it would be very ap-PLAY EASTERN propriate if the students would install TEAM IS FINAL

The reports that California will take the New Year's game if sufficiently urged are unfounded. It has been definitely decided not to play the game and there can be no reversal of the decision. The game with Stanford was the last of the season and training rules have been off since then. The their good judgment.

FRENCH PROFESSOR ASSEMBLY SPEAKER

Franck L. Schoell, Noted Lecturer, Due to Appear Here December 13

Frank L. Schoell, exchange professor of French at the University of Chicago, will deliver a lecture at the debaters against the University of ject of "Folk Lore," or some phases

> Professor Schoell speaks English perfectly and will address the assembly in that language. He is famed as a lecturer and comes to the university highly recommended as an authority on the subject which he is to take up.

> Miss Mae Mathieu, instructor in French at the university studied under Mr. Schoell last summer and praises highly his ability as a lecturer.

Professor Schoell is making a tour of the United States, speaking at the principal colleges and universities and those arranging for his appearance here announce that it will be an especial privilege for the University of Idaho to have such a distinguished visitor.

### Faculty Rules Allow Few Students to Leave Early

A recent faculty ruling has made (two sneak dates on schools nights. it possible for a limited number of Each candidate must have made F our students to leave for home pre- honors for the first twelve weeks. Failing to satisfy these require-Misrepresentation in written work for contragte and contrast poultry husbandry, will speak on two ments of Mrs. Ethel Canham, ria-is actual dishonesty, but if, in a section, a student can prevent a prof-

asking one himself, he is making should say he does. A good element- Moore, university extension poultry property, owned by Mrs. Canham. The series of contests throughout this Accepted candidates will be informasking one nimsell, ne is making should say he does a good liear. He direction will speak on "Poultry and fire damaged a second story sleeping entire week in order that they may ed by Miss Oleson if they will apply good use of his gray matter. I'm not ary instructor is a good liear. soon use of his gray matter. I'm not ary instructor is a good method by Miss Oleson if they will apply referring to the student who is lazy must pick out the surest facts in his farm enterprise." "Idaho and Agri-porch, the third story, and another select those individuals worthy of at the registrars office on next Monand who bluffs habitually. I mean possession in order to have his stud- culture." by A. J. Iddings, dean of room. The entire loss to the house the honor. The rules are more or day morning. They will be furnished with excuses and hand engraved Each candidate must be capable of letters to their families.

The Gem State Poultry association EXPLOSION OF HEATING STOVE will hold its second annual poultry \* RESULTS IN LOSS OF show at Caldwell, Idaho, December \$600 to \$1000.

sity of Idaho authorities scheduled -A-fire, which broke out at the Bela house about 10 o'clock Monday morn-L. W. Fluharty, director of the uniing, Caused a damage of from \$600

to \$100. The fire was caused by the caplosasses. "Misrepresentation in written work ford colleague who said, "The most hurst, professor of the university non-term of the apart- vious to the regular Christmas holi-

future of the East-West game is enhanced by California's decision. They are to be commended for

**Poultry Association** Fire Causes Damage To Meet in Caldwell At Fraternity House

giving.



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years, chiefly because of the lack of interest taken in it by the general public. Many remedies have been advanced by debate enthusiasts which would again place it among college activities enjoying student patronage. That they have not solved the problem is evident from present interest in inter-collegiate debate participation.

Would modernizing debate help? It might be well for interested parties to thing the matter over. The existing lack of interest might be alleviated if we did away with a lot of the formality of argumentation which has characterized it for the past score or more of years. Other activities, football, basketball, etc., have revised their rules to suit the trend of modern audiences. However, to our knowledge, debate is still revered as an activity which is essentially the same today as it was when our fathers indulged in it.

Instilling some of the modern "pep' might help; it doubtless would do no harm. A discussion of such topics as a national divorce law, whether the Volstead law should be amended to allow light wines and beers, or other similar questions, even though they appear as radical to some, are nevertheless admittedly attracting the attention of every single one of us at various times and are enjoying great publicity through the medium of newspapers and magazines.

The announcement of an intercollegiate debate on such a subject would interest a whole lot more of us than the announcement of a debate on some foreign policy of the United States upon which most of us are rather at sea anyway and which is usually overshadowed by some title of a down town movie.

Adding a touch of modernism to debate might be something worth while thinking about anyway.

AN EDITORIAL

As on of the many recognized cam

the country for the past five or six fastness to fall in but seen nothing to fall into so stay put as very wise policy. Officer open upper half of head where are hinged just in front of ears and make army language which interpret badly. Hon. son are told to stand as placed and move nothing and rest of army told samewise. Man with grossly large head then yelp "Company attention." Look all over and see no guests to speak of so rearrange head gear so left ear bear majority of weight. Results are samewise to above only

longer and more defined in meaning. Oriental anger are slowly appearing. Man make noise like young yell rally and Kappa Sigma fleet coming down the road. Cadet next to Hon. son make rapid motion arount center and gun smash Ismoka large crash in middle of countenance. Are mad Make brutal thrust at opponent with left heel on shin. Results are loud rap between Hon. son's nose and right ear. Solar system appear in fast order. Battle are raged. Man pull hostile companion off of Hon. son before Hon. son can get fighting arrangements completed. Man then deliver long oration on the merits of the oriental and Hon. son present him with young cannon and move

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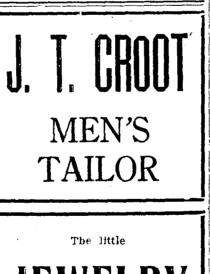
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Pool Room in Connection

T. M. WRIGHT, Prop.

# HIS MASHERS VOICE

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Thursday and Friday VIOLA DANA in "THE \$5 BABY"

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840 are 308



the two teams to battle to a tie, which was the result of the game.

A rather unusual finish in a cross country run was staged in Van Cortlandt Park, New York City, a week Vesser, Captain Brown, Kleffner and UNIVERSITY ARGONAUT, WEDNESDAY, DECEMBER 6, 1922.

Madsen ...... RE ...... Vesser able in size with the larger universit-Johnson ..... LH ...... Kleffner dred students.

Porter ...... RH ..... Breshears The Summary.

ner, Kline for Hubble. Touchdowns-Kinnison 3, Vesser, only destructive.

Brown, Kleffner. Goals from touchdown-Cobley 2, Kline 1. Referee-C. E. Dorais, Notre Dame. linesman-Schraeder, Denver. Timers -Turner, Yale; Kundson, Idaho.

### HERSEY ATTENDS PREXIES

(Continued from page 1) pear in the Argonaut. **Extend** Debate

A decision to extend and improve debate w. made by the conference. It was found that where abstract, uninteresting subjects were taken by debate teams for discussion, crowds were small, and enthusiasm was low, while at schools where live topics, which were of direct interest to students were discussed, high interest and crowded houses was the result. At the University of British Columbia, where the last plan is followed, admission is charged, and seats are at

Another topic of discussion was stued.

Next Conference Here ference of student body heads, and as a result, the next conference will be held jointly by Idaho and

W. S. C. beginning May 19. Due to the conference, several important questions will undoubtedly be The Bruins were unable to even brought before the student body in the mear future. Among these are elimin

ward pass in ten attempts. activities, encouragement of unler-Idaho's touchdowns were made by age when three men tied for first three by Kinnison." A 47-yard com-t sion through the activity of the stuplace. The race was between the col-pleted forward pass resulted in the dent body, and the annual question. blace. The race was between the out in making of the first score, Stivers to The conference went on record as schools and was won by Columbia Vesser. A 19-yard pass, Stivers to being highly opposed to financial schools and was won by Columnal Vessel. A horpath pass, Strich to being highly opposed to financial University. The three men who tied Vesser, paved the way for the second drives on students, and pledged them-for first place in the five and one-half score with Captain Brown smashing selves to do all possible to stop need-mile race were all Columbia men, one over the Montana goal line. "Syb" less tag days and drives for funds. being the captain of the team. This Kleffner caught a Montana forward Cally when the drive are for exceed-

Kappa Kappa Gamma entertained Silvernale .... QB ...... Stivers les of the west, and a student govern-Mr. McLaughlin and Mrs. Crause at against the long skirts and organized Kerschner .... FB ..... Brown ment fitted to a college of five hundinner Sunday. "It is going to be necessary for us to make a good many constructive

Substitutes-Coleman for Dahl- changes within the next few years. berg, Maudlin for Ramsey, O'Neill I believe that with the cooperation of for Kerschner, Tanner for Porter, every individual on the campus the Plummer for Tanner, Tapper for end of this year will see a great many Kline, Stephens for Tapper, Kinnison beneficial changes in effect. There is for Breshears, Siegfa for Vohs, Hub- always an element in college that ble for Stephens, Breshears for Kleff- knocks everything, and the knocking is usually done where the knocking is

"Let's get out in the open and work to help the situation, rather than to tear down the efforts of those who Umpire-Bill Higgins, Gonzaga. Head are trying their best to help and improve. The executive officers of the A. S. U. I. are going to do everything

the student body."

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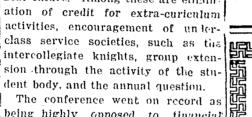
an idea of our extensive lines.

### MEETINGS AT BERKLEY

a premium.

dent newspapers. Plans were discussed which will make it possible for the Argonaut to become a bi-weekly newspaper with no financial difficulties in the near future. It was also found that Idaho was the only school in the conference that still holds to the plan of having the junior class publish the annual. All the school had this plan, in years gone by, but it has long since been discard-

Idaho made a bid for the next con-



Sleighriding **Parties** Reserve Tables for a Hot Feed after a Cold Ride in the open, and they will expect any Huff's Cafe opposition to their policies to be expressed with equal frankness, at the time when the policies are being consdered, and not later. This mutual frankness will give the students real How about a waffle party after your sleigh facts and not distorted facts, and will be of real benefit and improvement of ride?

PAGE THREE

1

Colrado university girls rebelled

to keep the short skirt in vogue.



**Economical Pharmacy** NOW UNDER NEW MANAGEMENT

is the first time on record that three mer have tied in a cross-country run. third touchdown. Kleffner was knocked down by a tackler after he Cornell seems to have the chap- had gone 15 yards, but he struggled

threaten the Idaho goal line. Mon-

tana failed to complete a single for-

ionship of the east pretty well to his feet and clipped off the second chinched for she has won every game 15 yards in even faster time than the she played. Penn State, chosen to first. play a western college at Pasadena From the kick-off in the third quarfor the Tournament of Roses game ter the Vandals smashed straight has suffered three serious defeats down the field without a break in the and is not as strong a team as others advance to a touchdown, Kinnison from that sector of the country. No carrying the ball over the line. The team has been selected to meet Penn fourth touchdown came after a ser-State, although supporters of Oregon ies of forward passes and line plunges think that the Lemon-Yellow crew with Kinnison scoring. In the last

will be favored. U.S.C. claims that quarter the fifth touchdown was made she will be given first choice, now by Kinnison after the ball had been that California has decided not to advanced to the Montana six-yard line by scrimmage and passes. play.

Nebody was surprised to see U.S.C. roll up such a large score against W.S.C. It was generally conceded that Idaho would hold U.S.C. to a closer score than W.S.C.

Little flapper Don't you cry. You'll get his 'frat' pin By and by. We borrowed this from someone we forget whom

Stanford has a full blooded Oneida Indian as trainer. He served under Coach Warner when he turned out wonderful athletic teams at Carlysle.

Dr. Billy T. Bull, assistant coach at Yale made the vow a year ago that he would not smoke until he saw Yale defeat Harvard. He had a tempting big pantella all ready last week when Yale lost to Harvard, but didn't strike the match.

The men in Arizona University agreed not to shave or have a haircut until Arizona won a game. They went around with beards for several weeks before Arizona won a game.

Arizona defeated New Mexico University 10 to 0 and the beards came off.

Now for basketball. Idaho has hard schedule, but practically the same team that won the Pacific Coast and Northwest championships last NEET the Vandals are looked to win

Montana (0) Idaho (39) Dahlberg ..... LE ..... Cobley Elliot ..... LT ..... Vohs Ramsey ..... LG ..... Neal Murphy ..... C ..... Goff Shaffer ...... RG ..... Kline MacGowan .... RT ..... Quinn Here's to Your Health An Apple to Eat

The Lineups and Summary.

Good health. Good fun. Good work. Good sleep.

Therefore-

Have an apple.

Wagners. Delicious Jonathans.

Phone 186

Where Quality and Service Are Higher Than Price

ingly worthy carges should they b sanctioned by the student body.

**Government** Policy Behind Mr. Hersey, in speaking of the conference, and its direct bearing on the University of Idaho said, "In the last few years Idaho has made a remark. able growth in student enrollment. The growth has been so rapid that the student government has been un-

able to keep pace. Now we find ourselves with a student body compar-Announcing

**RA7AAR** To be held at the University Hut FRIDAY,

### **December 15th** From 10 a. m. to 10 p. m.

Appropriate gifts for every person and for every purse.

Staged by student organizations

Under the management of Mr. and Mrs. Eugene Ralph

A few vacant booths still available

Further particulars later

ou should see the special on the new Shiek turban at TORSEN MILLINERY

We wish to announce that the Economical Pharmacy, formerly owned by Mr. A. Lindquist, has changed ownership and will continue to be known by its old title. We have restocked our store with new merchandise, representing the,

many lines found in a modern drug store. The list given below will give you

Prescriptions Patent Medicines Hospital Supplies Rubber Goods Bristle Googs Leather Goods Cutlery Electric Light Globes **Cacuum Bottles** Spectacles Candy Soda Fountain

**Toilet Articles** Pyrslin Ivory Stationery Fountain Penş School Supplies Kodaks Films Jewelry Alarm Clocks Phonographs Phonograph Records Cigars Hot and Cold Drinks

Come in and get acquainted and look over our stock. You need not feel obliged to buy.

When in need of anything in our lines we can assure you that we will make every effort to supply your wants, also to give you the best service obtainable anywhere.

Graduate pharmacists in attendance at all times.

We want our customers to feel welcome and at home in our store and we will endeavor to make their dealings with us a mutual pleasure.

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### Miners' Edition

UNIVERSITY ARGONAUT WEDNESDAY, DECEMBER 6, 1922.

### RAGE FOUR

## SCHOOL OF MINES SHOWS GROWTH DURING 25 YEARS

Over 200 Enrolled in Some Courses of School, While 50 Are Taking Full Mining Curricula.

From its beginning twenty-five years ago, the mining work at Idaho shows a steady advancement in faculty, scholarship, and equipment. In fact, at the present time Idaho ranks as one of the foremost Mining Schools in the country.

With the exceptions of years 1898-1901 and 1915-1917, a large yearly enrollment is shown. The following extracts gathered from the file of University catalogues show some interesting facts:

... In 1893-94, a resolution of the Board of Regents shows that a department of mining has been created, "comp-etent instructors to be provided when the demand justifies it." During this year, the total collegiate enrollment was sixteen. The mining department was a part of the civil engineering department and work in assaying and minerology was given by Prof. Government Has Maintain-(Dr.) McCurdy.

### Appears Separate.

From 1896-97 the department of mining appeared with separate and distinct courses and curriculum. Mining Metallurgy and Geology under Edwin Goodwin, E. M., were placed tablished a field station at the Univertogether. The university enrollment sity of Idaho and since that time cohad increased to forty-two.

The year 1898-99 introduces Presiand present resident of Moscow. To this man belongs the credit of or- university and later by state cooper- eral resources. ganizing and placing the mining work ation through the state bureau of minon an excellent footing, during this es and geology. year. Of the eighty-seven university

students, eleven were miners. In 1899-1900 Geology was seperated vestigators at the Moscow field office. from mining and metallurgy, but all hern upon flotation concentration is in that the head of the school is to the writer who serves as secretary S. Miller.

The catalogue of 1900-01 announces Dr. McLean as president of the divisions for the following year show-itself. In this latter work A. W. Fahed: college of letter and science, renwald, taking up and extending the college of agriculture, school of applied science or school of mines (in-plied science or school of mines (in-state staff, has done some very not-



#### GIVING THE PROSPECTOR A BOOST Northwest Mining Truth.

may be mentioned:

of the State."

Deposits of Central Idaho."

### STATE MINING WORK ON FLOTATION **BUREAU IS BUSY** ed One or Two Trained

During Four Year's Exist-Hardly Touch Problems Brought up. n 1917 the U.S. bureau of mines es-

operative metallurgical investigations of importance have been carried on at years of her mining history the state dent Blanton of the University and Moscow, first in cooperation with the of Idaho had neither a distinct school A. S. Miller, Ph.D., head of mining mine operators of the state, through of mines nor a state department for funds furnished by them, through the the scientific investigation of her min-

> During this time the U.S. bureau the creation of a state bureau of mines has maintained ont or two trained inand geology in 1919.

been upon flotation concentration, the executive of the bureau, although and director, of the following: Dr. F.

university and a total enrollment of and more recently in an investigation and can call the technical staff of the metallurgist; C. B. Marshall, assistant 106. The statement of the university of the fundamentals of the process school of mines to its assistance.

Measurements and Some Applications FLOTATION PROCESS to Flotation. State Bureau of Mines and Geology Pamphlet No. 2, Size of Mineral Par-SHOWS RAPID GROWTH ticle in Relation to Flotation Concen-State Bureau of Mines and Geology

Pamphlet No. 3, Testing Ores for Flo-State Bureau of Mines and Geology

cess is unique: first in the rapidity starvation unless that plant food is. "A Study of the Geology and Ore of its growth, and second, in the lim-"A Study of the Geology and Ore ited information, even among those who have employed it most, of the able for young plants. This early basic principles upon which it rests. need is demonstrated by wheat tak-"An Investigation of the Artesian Possibilities of the Goose Creek Val-Not until 1910 had the flotation pro- ing up 80 per cent of its phosphoric cess passed from experiment to successful commercial application; yet ing period. This action is duplicated "An Investigation of Artesian Postoday, excepting only iron blast fur- by other similar plants, while legumes, sibilities of Northern Owyhee County." nace smelting, flotation far exceeds such as clover, satisfy their respec-"A Study of the Phosphate Deposits

The state bureau's staff as at pretonnage of material handled. As in the history of the cyanide proand the cyanide process had each a insufficient supply of this essential the bureau is not a part of the univer- B. Laney, geologist; V. R. irkham, as- phenomenal, simultaneous and inter- plant food produces a light-weight or ation of zinc and lead, in the complex sity in a strict legal sense, the bureau sistant geologist; V. R. Irknam, as-dependent development; so in the por-under-sized product. ores of the Coeur d'Alene region un-nevertheless profits by the use of the tant geologist; S. M. Ballard, assis-phyry coppers of the southwest, floder the supervision of C. A. Wright, university laboratories and facilities tant geologist; S. M. Ballard, assis-tation from 1914 on, founds its field metallurgist; R. M. Westover, analyst. normal price conditions.

IDAHO PHOSPHATE INDUSTRY HOLDS **BIG POSSIBILITIES** 

Agriculture of America Depends in Future on Mineral Beds of Gem State Says Professor Kirkham To Miners.

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(By Virgil R. D. Kirkham).

The Place of Phosphate in the World. True realization of the importance of phosphate of lime in nature is accomplished when the significant fact, that phosphorus is an element of universal distribution, is understood. Its widespread occurrence is maintained throughout all animal and vegetable matters as well as in sedimentary, igneous, and metamorphic rocks. Phosphoric acid varies in amount from 40 per cent in the bone ash of animals, 50 per cent in the ashes of various grains and plant seeds to an average of 40 per cent in rock phosphate.

Essential Plant Element. Phosphorus in the form of phosphates represents one of the most essential elements of plant food, and as a consequence none of the higher orders of plants are enabled to complete their growth unless supplied with it. When the phosphoric acid indigenous to a seed has been utilized the plant ceases to grow. After In two respects the flotation pro- a few weeks, it dies from phosphate provided along with the others.

Phosphate food must be made availacid during the first half of its growevery other metallurgical process in tive phosphate requirements before reaching maturity of bloom. All agricultural crops are so sensitive to cess, the gold deposits of South Africa the lack of phosphoric acid that an

### Removal Exceeds Replacement.

In spite of the fact that nature has and opportunity. In fact, without flo- endowed some soils with sufficient tation concentration it is safe to say phosphate for virgin crops and agthat many of the larger copper mines ricultural actvities for a few years, of the country could not operate under and despite the constant return to the soil of phosphoric acid plants and animals, there is a con-Lead, silver and gold, in the order stant removal by cropping and pastnamed, have benefitted also from flo- uring that is greatly in excess of restation but to a lesser degree. In toration by natural methods. Grain connection with the electrolytic treat- crops in general have shown a rewill make "Hasn't Scratched Yet" the field of the minor metals and the From this discussion it is easily 2, Vol. 14, Tungsten, Cinnabar, Man-scratch to keep up and "Bon Ami" will steel alloy elements it has been very seen that phosphoric acid is one of generally employed. For separating the most important elements of plant The bureau of mines and geology the impurities of coal, and of quartz food and that an imperfect supply of University of Idaho Bulletin No. 13, has examined several deposits, excel- from feldspar, and notably in the con- it leaves an unproductive soil. The lent in abrasive qualities that are centrating of graphite, the process is ease of exhaustion and necessity for now awaiting nothing but a trade recognized as offering distinct possi- restoration has been acknowledged be a permanent manufacturing indus- In Idaho the flotation process is an primitive peoples of comparatively try. Take a few liberty bonds and indispensable adjunct of all the large modern times. Nothwithstanding this precocity of knowledge the cause of its stimulating effects upon plants was a mystery until modern research made it known. Ancients Paid High Price. The Roman agriculturists paid high prices for natural phosphatic compost and the guano deposists of Arabia attained agricultural importance at the beginning of the twelfth century. The Incas of Peru used similar fertilizers before the sixteenth century. The above history would indicate an appreciation of the importance of such deposits unequalled in a comparable way by modern agricultural peoples. It is well to note, however, that no artificial phosphatic manures came into use until the first part of the nineteenth century and the mining of natural phosphate has been an industry for less than 65 years. With the conversion of the natural product into acidulated commodities and super-phosphate the industry had had a great and steady increase in import-The United States is at present the world's greatest producer and its deposits range from phosphatic marls and linestones with only a trace of phosphoric acid, to true phosphate beds carrying 88 percent in tri calcium phophate. **Receives** Impetus.



(By Francis A. Thomson)

It is a peculiar fact that for forty

Deposits of Boise Basin." ley.'

After the organization of the school of mines in 1917 followed naturally

Scarcely Touch Problems

During the brief four years of its gold Dust Twins To cluding civil engineering) and the state staff, has done some very not-preparatory department. A new attention of the entire profession in logical and metallurgical problem

Passed From Experiment to Commercial Application In Year 1910 There are of course a number of projects which have not yet reached (By A. W. Fahrennald) the publication stage, among these

Have 40 Miners.

miners

B. E. Janes appears as professor The work at Moscow in common of mining in 1905-06. The school of with that in the other western staapplied science now includes civil tions is under the general supervision engineering, mining engineering, me- of Dr. D. A. Lyon, chief metallurgist Wood Oils for Flotation Concentrachanical and electrical engineering. of the bureau, and under the immed- tion. During this year the niversity had jate supervision of O. C. Ralston, with

The following year the miners migrated to their present location. It pointed to teach mining and metal-

was mainly through the efforts of lurgy, respectively. Francis Jenkins, legislative representative from Latah county at that time, that appropriations were made for the erecting and equipment of the present mining buildings. In the brought together once more to form aged 250, while the miners batted 51.

The mining faculty consisted of A. Francis A. Thomson as Dean. From C. Terril, W. R. Chedsey, and J. S. DeLAIRY.

of the mining department in 1909-10 was enlarged with high grade materwith Chedsey and DeLury as assist- ial, introducing in 1920, F. B. Laney,

#### Drops Down.

371 students, with 28 miners. The following year 409 students, inclusive of 27 miners plus 10 short course students.

Dr. C. N. Little is announced as Dean of the college of engineering students in the school of mines hein 1911, with a mining faculty con- sides a large annual short course enessor with D. C. Livingston and A. C. Stewart as assistants.

load. Student enrollment showed 574 high standard it has attained. with 11 miners plue 11 short course

building was erected for the school attention of the ontropy preparatory and has led to many in-"School of Mines." The university and the continent of Europe. quiries from Great Britain, Australia,

Men Here Since 1917

(By Francis A. Thomson)

At the present time the emphasis in the cooperative metallurgical work A slight increase is shown in en- is being placed upon an investigation cration with the school of mines: rollment each year until in 1904-05, of classification methods as a prelimshows: 176 students inclusive of 40 nary to both gravity and flotation concentration.

202 students inclusive of 46 miners, headquarters at Berkeley, California.

### New Era Begins.

The year 1917 marked a new cra in the history of mining at Idaho. a separate and distinct school of

this point we have moved to the front South Central Idaho. as one of the prominent mining

Ph.D., head of the geology department; V. R. Kirkham, mineralogy de-The university catalogue showed partment; A. W. Fahrenwald, metal- posits of Alturas Quadrangle. lurgy department, R. B. Elder, assaying and milling.

> Due to ill health, Mr. Elder resigned this fall and Mr. C. B. Marshall has very capably taken up his work. rollment. Over 500 students are taking work in some of the departments

Professor McCaffery resigned In Throughout the mining faculty and of the school of mines. 1914 and Professor Steward retired mining students there is that spirit of on account of ill health, leaving aggressiveness and co-operation that Professor Livingston to carry the places the school of mines on the

students. In 1915 Professor E. K. A. H. Knudson is with the Union Soper and R. R. Goodrisk were ap- Iron Works company of Spokane. 利用的語言語言語。這個語言的意思。

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logical and metallurgical problems presented by the state's great potential resources.

The scope of the bureau's work is University of Idaho Buplletin No.

Vol. 16, The Availability of Western

U. S. Bureau of Mines Bulletin No. 166, A Preliminary Report on the Mining Districts of Idaho.

U. S. Bureau of Mines Bulletin No.

205, Flotation Tests of Idaho Ores. State Bureau of Mines and Geology Bulletin No. 1, Copper Deposits of the Seven Devils and Adjacents Districts.

State Bureau of Mines and Geology Bulletin No. 2, A Preliminary Report on the Clays of Idaho. October edition speaks of the school State Bureau of Mines and Geology of mines as follows: Bulletin No. 3, A Reconnaisance in "The school of mines at the Univer-

sity of Idaho, Moscow, is rapidly tak-State Bureau of Mines and Geology ing its place as one of the leading R. S. McCaffey was appointed head schools in the country. The facuity Bulletin No. 4, Petroleum Possibilities mining institutions in the northwest of Certain Anticlines in Southeastern and the enrollment this year is the mots gratifying since its installation

State Bureau of Mines and Geology in 1917. The location of the univer-Bulletin No. 5, Geology and Ore De-sity near one of the most productive State Bureau of Mines and Geology has aided in the natural development Pamphlet No. 1, Interfacial Tension of the college."

### Policy Of The School Of Mines

THE SCHOIL OF MINES IS AT THE SERVICE OF THE PEOPLE OF THE STATE AND THRU ITS COOPERATIVE RFLATIONS WITH THE STATE AND FEDERAL BUBEAUS IT STANDS IN A UNIQUE POSITION TO RENDER 11D IN THE DEVELOPMENT OF THE STATE'S MINERAL RESOURCES. GREAT AS ARE THE DEVELOPED MINERAL DEPOSITS OF THE STATE, IT IS PROBABLE THAT THE UNDISCOVERED MINERAL RESOURCES ARE STILL GREATER TO THE DE-VELOPMENT OF THESE UNTOUCHED RESERVOIRS OF PUBLIC WEALTH THE SCHOOL OF MINES THRU EDUCA-TION AND INVESTIGATION PLEDGES , ITSELF.

FRANCIS A. THOMSON, Dean

mining district in the United States

### Receive a Set Back

**Others Benefit** 

The scouring propensities of several deposits of diatomaceous earth and ment of zinc concentrate, flotation has moval of 20 pounds per acre of phosperhaps best illustrated by a list of volcanic ash found in Idaho bids fair played an important part, although phoric acid per year. Other farm the publications issue by or in coop- to put "Dutch Cleanser," "Gold Dust," adopted with hesitation by the oper- crops extract amounts ranging from and "Gets It" off the market. They ators of the Mississippi valley. In 18 to 28 pounds.

#### MISSOURIANS REC-OGNIZE IDAHO Muckers Rank High SCHOOL OF MINES In Scholastic Fields The American Zinc, Copper and Lead Journal of Joplin, Mo., in its

### SECOND IN LIST OF COLLEGES DURING PAST YEAR-CLAIM HIGH INTELLIGENCE.

The school of mines came to the front this past year by securing the second highest scholastic standing of the various schools of the university. It has often been stated that the best scholars in college were registered in the mining school, but the conclusive proof is now in the hands of the registrar. Such attainment may be noted to be quite unusual when one glances over the heavy courses required by the school of mines. The brilllancy of mining students is also substantiated by the recent rum-' or that the miners rank right at the top of the list in the intelligence test.

C. Y. Garber, 1916, is assistant mill superintendent for the Bunker Hill company at Kellogg. W. K. Horning, 1922, is with the

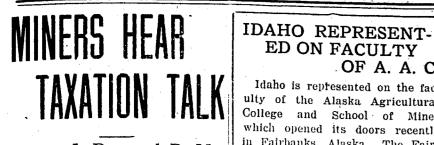
Ramhorn Mines company at Bayhorse. Custer county.

The industry received its first im-

petus in the eastern United States, (Continued on page 5.)

Miners' Edition

UNIVERSITY ARGONAUT WEDNESDAY, DECEMBER 6, 1922.



Jerome J. Day and R. Mc-Beth Discuss Methods of Taxing Mining Property and Need for Thorough Understanding

On Nov. 8, 1922, Jerome J. Day, president of the Idaho Mining association and the Honorable Ravenal MacBeth. secretary of the association addressed the Associated Miners in Moscow.

Mr. MacBeth, who has spent the past five. years as representative of the mining game. He pointed out the great need of men with a general as

### Need Technical Education

As an example of this need he cited that area. the recent controversy in Congress over the proper basis for taxation of mines. Here it was necessary to deed audience.

of ore in sight it is said to be worth again as Italian Ambassador. \$1,000,000. But if by the closest application of economy and efficiency, only \$100,000 worth of this ore can be Idaho Is a Member recovered in one year, the present value would be much less than this mount, and the decrease each suc-'essive year being the same at the end of the ninth year, there would be only \$100,000 left. While by the prevailing method of taxation it would be taxed on a basis of \$1,000,000 for the entire period of ten years. This method is decidedly disadvantageous to the operators and truly an iqjustice. By the act of 1920 this method has been done away with and all mines are now taxed on a basis of their decreasing values.

Summary of Present Method Jerome J. Day supplemented Mr.

Idaho is represented on the faculty of the Alaska Agricultural College and School of Mines which opened its doors recently in Fairbanks, Alaska. The Fairbanks News-Miner gives an account of a delightful six-course dinner given in honor of the faculty: 'E'laboration of detal marked the color scheme of gold and white. The place pards were representative of the college colors of the members present."

ED ON FACULTY

### WOOD RIVER SECTION ATTRACT-

ING ATTENTION tion than at any time since its dis- or her? Also sufficient reason for zation in our topographical and geowell as a technical education to put covery in the early eighties. He men- some students. The lectures are logic problems. the mineral industry on its feet by tioned James W. Gwinn, a graduate of scheduled at an hour which interferes The assistance has been freely and

Metallurgist Becomes Diplomat Gelasio Caetani, designer and buildmonstrate to the legislators and to the er of the Bunker Hill and Sullivan people that mining is a wasting in- mills and formerly a member of the dustry, that is that the value of a mine firm of Burch, Caetani and Hershey is distinctly limited by the size of the of San Francisco, has recently been tion of the four short and precious neau river regious and several other the equipment is of small value and Washington. Mr. Caetani, as he was the hole is worthless. To calculate known in the western states, although the present value of a mine for a a member of one of the noble fambasis of taxation therefore requires ilies of Italy, graduated from the the services of a man of highest tech- Columbia school of mines and then nical education combined with the came west to Idaho. When the war ability to explain this matter in a non- same on he returned to Italy and teach you to correlate the results of technical way for the benefit of a mix- served his country with great dis- your observations and your experi-

Thus if a mine has \$100,000 worth and is now back in the United States ately. Finally, I will show you how,

## National Mining Body

(By L. K. Armstrong) The American Institute of Mining,

10,000 members. The list of officers, and former of- hold the secrets of the formation of

Hoover was a former president.

GEOLOGY IS CALLED "HISTORY OF EARTH" OF A. A. C.

> Dominant Factor in Formation and Climate of Our Planet

> > (By F. B. Lancy)

of the optional science requirements it is familiarly known, was doing in your curriculum and you believe splendid work in investigating the On returning from a recent trip to you can get the necessary credits in mineral resources of this state. the Wood river mining section around geology with less work than in the As soon as the state bureau of min-Idaho Mining association at Washing-Hailey, Dean F. A. Thomson of the other optional courses? You may be es and geology was organized thereschool of mines reported that this disappointed. Your pal is taking the fore it sought to enlist the assistance

about it? Excellent.

We have asked you some questions branch of the federal government. and now let us call geology and give it a quiz.

years I have for college? Geology replies:

I am a science that will teach you S." to observe, keenly and critically.

will teach you to make experiments | IDAHO PHOSPHATE INDUSTRY carefully and painstakingly. I will tinction, then became mayor of Rome ment shrewdly, carefully, and accur-

from premises thus established to draw logical conclusions. I have been called "The history of its earth and its inhabitants." As a college man or a college woman you should know as much as possible about the earth upon which you live,

and about the development of the plants and animals which grew and live upon the earth. Cultural and Applied Science

and Metallurgical engineers is the I am both a cultural and an applied large official, professional organiza- science. As a cultural science, I am tion of mining geologists, mining en- intimately related to all, and directly gineers and metallurgists in the responsible for much of human hisworld, numbering, as it does, over tory. I am the dominant factor in determining the climate of the earth. 1

ficers of the institute, includes prac- the very earth itself, and my rocks tically every well known mining en- contain the records of the developgineer in North America. Herbert C ment of all life upon the earth. If you would understand evolution you brought with it the crowning agri- labelled. It's name is mud.

Established Long Before College Existed—Assists Freely In All Lines (By Francis A. Thomson)

WORK IS IMPORTAN

**GEOLOGICAL SURVEY** 

The United States geological sur-

Why are you taking-I almost wrote very ranks as one of the oldest and 'studing"-geology? Is it required in best scientific organizations in the your curriculum? Good! You be- world. Its publications comprise the lieve the course as given offers some world's greatest geological library. easy credits that may be "grabbed | Long before the University of Idaho off"? A precarious reason. It is one had been established the "survey" as

district was attracting more atten- subject and you want to be with him and cooperation of this great organi-

placing it in the proper light before the school of mines in the class of least with your real interests in col- cordially given and in all work of this 1911, as doing one of the most inter- lege? Also sufficient reason for character we have had the fullest and esting pieces of development work in some students. You are interested in most sympathetic assistance, and have the subject and want to learn more profited by the most friendly counsel and cooperation, with this important

. The geology and topography of the Seven Devils region, the geology of Geology, what have you to offer that the Pend d'Oreille area, the artesian would justify me in giving you a por- surveys in the Goose creek and Bruprojects have been in large part financed and directed by the "U.S.G.

HOLDS BIG POSSIBILITIES

(Continued from page 4.)

since it was first discovered there. Another factor that added growth in the eastern and south Atlantic States was the fact that the soils of that region had been the first to be exploited and the long period of cropping without plant food replenishment had left them impoverished.

With conditions ripe for such an industry phosphate production developed to 25,000,000 tons yearly in 1907. So great was the demand due

to increased knowledge of the plant backed with the lure of placer gold which have produced large oil deposits necessity and so limited were the has received every aid that the in- in Wyoming being repeated in southknown reserves that prominent economists, educators and statemen, in discussing the situation made famil- attractive to be denied by the average Washington and Adams conties there iar the phase that "phosphate is man's T.B.M. weakest hold on the universe."

Phosphate Discovered in West.

LEADING MINING MEN The Associated Miners desire to express their appreciation to the following members of the profession, who during the past year have brought to them the rich fruits of their professional experience in the form of lectures, talks and addresses:

EXPRESS THANKS TO

To Dr.Henry Mace Payne of New York City; to Dr. D. A. Lyon of the U.S. Bureau of Mines, Washington, D. C.; to Mr. O. C. Ralston of the U.S. Bureau of Mines at Berkeley, Calif.; to Mr. J. L. Bruce, manager of the Davis-Daly Copper Co.; to Mr. L. K. Armstrong, Secretary of the Columbia Section A. I. M. and M. E.; to Mr. A. H. Burroughs, Jr., manager of the Talache Mines Co.; to zIr. M. L. Sullivan, superintendent of the Bunker Hill Smelter; to Mr. R. S. Handy, superintendent of the Bunker Hill Mill; to Mr. E. N. Laws, metallurgist of the Northport Smelting Co.; to Mr. Rush J. White, manager of the Coeur d'Alene Syndicate; to Mr. Fred Callaway, Mining Engineer of Kellogg; to Mr. F. M. Handy, geologist of Spokane; to Prof. O. P. Jenkins of Washington States College; to Mr. W. L. Ziegler of the Union Iron Works, Spokane; to Mr. Jerome J. Day, manager of the Hercules Mining Co.: to Senator Ravenel Macbeth, secretary of the Idaho Mining Association, and to Hon. Stewart Campbell, State Mine Inspector.

Supplementing as they do the more formal work of the classroom and laboratory, we feel that talks by such leaders in the profession as are included in the above list are of inestimable value to us as embryo engineers.

**Clay Deposits Are** Veritable Gold Mines

ENOUGH MATERIAL IN IDAHO 'TO **KEEP COMMUNITIES BUSY** MANUFACTURING.

vestors could supply. Prospects of eastern Idaho. 100 to 300 percent dividends are too

Every day this same individual records.

passes up a gold mine with a 15 to The year 1907 opened no more 20 per cent reasonable dividend but

MacBeth's speech with a short sum-The Associated Miners of the Uni-must know me. As an applied science tury in the discovery of the present. The Associated Miners of the Uni-must know me. As an applied science

romantic when, according to adver-



MINING IS BIG

IDAHO INDUSTRY

PAGE FIVE

mount industry in the state of Idaho. in fact there were mines in Idaho before Idaho existed, that is to say it was the discovery of gold in what is now central Idaho in 1660, which lead to the creation of the Idaho territory in 1863. From 1860 to 1875 might be characterized as the placer mining epoch and during the period approximately \$500,000,000 in placer gold was produced in the camps of Pierce, Florence, Elk City, Boise Basin and other fields.

Following this came the era of the discovery of the silver-lead ore bodies of the state: first in the Wood River district and later in the Coeur d' Alenes. The total lead-silver production is in excess of \$700,000,000 and the tale is perhaps not more than half told. At the present time silver, lead and zinc are the main mineral products of the state, the annual production in these three metals running from \$25,000,000 to \$50,000,000. One mine alone; the Bunker Hill and Sullivan at Kellogg has produced over \$100,000,000, has paid over \$26,000,000 in dividends and there some reasons for believing that the mine has almost as much ore left in it as has been taken out to date.

One of Idaho's greatest mineral resources, perhaps ultimately the greatest, is to be found in the phosphate deposits of the southeast. These deposits are among the largest and richest in the world and while there is not much demand for phosphate fertilizer in the western states as yet, it is merely a matter of a few years until the land will need fertilizing.

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In some parts of the same general area there are indications of possible Many a "get-rich-quick" scheme, oil developments, beds and structures

> In Custer county as well as in are copper deposits with production

In the great mountain mass of central Idaho where formerly the placer auspiciously than any other year, but it is not dressed up nor romantically deposits yielded gold to the itinerant miner, there are vast lodes of gold

ators of the northwest and Idaho in particular. He gave some interesting comments on the past and present of the Idaho school of mines. He urged all mining students to make a special school of mines. He particularly urglumbia. ed those men benefitting from the

Jerome J. Day scholarship, of which he is the donor, in justification of the ponsibility to and for the Assocluted te build his bridges. I teach the soljudgment of those men who selected Miners of Idaho as evidenced by the dier where to locate his base camp and these students to represent Shoshone meeting recently held at Moscow. The where to place his principal fortificacounty, under the terms of the schol- officers of the section, including both tions. If you would direct the activi arship.

Francis Jenkins, who was present White and the writer are anxious to ance and resistance. as a guest gave an extemporaneous be of every possible service to Idaho's Finally, I am a reverent science. I talk on the value of such meetings as embryo miners.

this in the school of mines. He cited Mr. MacBeth's speech as an example

of that phase of an engineering education so often neglected. In closing the East Helena plant of the Ameri- made." Mr. Jenkins expressed his pleasure can Smelting and Refining company. E. W. Ellis, 1912, is operating the at having been able to meet with the speakers who have been his friends Engineer Mine in the Boise Basin. and associates throughout the greater J. P. Gerlough, 1920, is geologist in Spokane. part of his long connection with the for the Troy-Sweetgrass Oll company mining industry of Idaho. at Shelby, Montana.

"Mike" Leonard, 1906, is now state chemist, with headquarters in the Capitol Building at Boise.

at Boise the largest custom assay of- City. fice in the state.

Prof. D. C. Livingston the former Yellow Jacket company, at Gold Hill, and Metallurgical Engineers. popular head of the geology depart- Nevada, on the famous Comstock ment, is now occupying a similar Lode. position at Oregon Agricultural col-

lege and from all accounts is as popular there as he was at the U. of I. at McCook Field, near Dayton, O. Stuart S. Bruce, during the

second semester last year, took Mr. Denver, B. C., in charge of mining any at El Tigre, Sonora, Mexico. Elder's place with the Davis-Daly Coper company, at Butte. Mr. Bruce is in charge of construction work at the property.

self to everyone during the years he development of the Bullion Mine at ard S. Morrow, 1906, is superintendwas at the school of mines, is report- Hailey. The future of Hailey hinges ent of concentrators; Enoch A. Barnhealth. His present address is 14 efforts to fined the extensions of the Laboratory, and H. J. Maquire, 1912, Acoma Street, Denver, Colorado.

in geology is at the Mining Trade Snow, 1906, are operating the Red many years been secretary of the School, Platteville, Mo. N. C. Sheridan, 1906, is operating brothers have made a reputation in has recently been made superintend-

a lease at Mullan, Idaho.

versity of Idaho, rank as one of the I show the miner where his ore, his method of taxation to the mine operof the institute and its members are and I tell him why they are where thereby eligible to junior membership they are and as they are. I show In the parent institute.

R. L. Jourdan, M. S., 1922, is chem-

ist at the Garfield Smelter, Utah.

operations there.

old ore body.

the agriculturist and the forester how Columbia section of the A. I. M. & their soil has been formed and why effort to keep up their grades and M. E., embraces the membership of it has the properties it possesses. I effort to keep up their grades and m. E., embraces the memoeration of it nas the properties it possesses. I perience, to discover a western phos-thereby the high standing of the method build- bedies of gold, silver, copper leaft and phate supply. Washington and southern British Co- how to obtain supplies of water. I show the engineer where and of what

Columbia section recognizes its res- materials to build his roads and where the chairman for the year, Rush J. ties of man, you must have my guidin America.

see and recognize God as being in and through all things, and, I almost feel that I was the first say that "Without W. N. Ellis, 1915, is metallurgist at Him was not anything made that was

cessful operators. Fred Cushing Moore, 1899, is a con-

Charles H. Foreman, 1908, is mining engineer for the Hecla at Burke. Mr. Foreman has recently compiled an excellent summary of the mining J. G. Parmelee, M.S., 1919, is with methods employed at the Hecla for W. L. Leonard, 1910, is operating the W. S. Tyler company at New York inclusion in the forthcoming volume on Mining Methods to be published

George Smolak, 1922, is with the by the American Institute of Mining W. L. Ziegier, 1910, who has made

a reputation as a flotation specialist A. J. Lyon, 1918, is with the metal- is operating a mine and mill on his lurgical division of the Air Service own account near Wickes, Montana. H. W. Foester, 1913, is assitunt

Louis J. Fogle, 1906, is at New manager of The Tigre Mining comp-Walter P. Scott, 1914, is assayer at

the Bunker Hill Smelter at Kellogg. James M. Gwinn of the class of The great 'Anaconda company's 1911, is in charge for the Bunker Hill plant at Anaconda, Montana has lev-R. B. Elder, who has endeared him- & Sullivan M. & C. company, of the jed heavy toll on Idaho talent: Bay-

ed to be somewhat improved in largely on the success of Mr. Gwinn's ard, 1911, is in charge of the Testing the world.

is superintendent of converters.

Bird Mine at Clayton. The Snow Hecla Mining company, at Wallace.

the southern part of the state as suc- ent for that company.

ous phophate deposits of Idaho. pany of California, desiring a closer posits are so varied that they may of gold and silver producers. source of supply, commissioned W. F. be used for refractory brick, paving

prominent mining men of wide ex- ing tile, flower pots, up to garden favorable to the occurence of large ing ornaments, stone ware and orna-

At Montpelier, Idaho, on the east- mental pottery.

ern shores of Bear Lake, certain local The following counties possess men had experienced failure in burn- manufacturing possibilities of some ing the black rock which they mined of the above mentioned products: for coal. This black material was de- Bear Lake, Benewah, Caribou, Cassia, termined by Taylor and Ferrier to Idaho, Kootenai, Latah, Lewis, Powbe the highest grade phosphate rock er Shoshone and Washington.

Develop at Once.

Development began at once with the hills of Central Idaho, some owing starting of the Waterloo Mine, sup- their existence to water laid sediments erintended by Jos. J. Taylor who of old lakes, while others such as crushers and dryers outside. thereby acquired the right to the title Bentonite are a direct product of deof "Father of Phosphate in Idaho." composed volcanic ash.

Mr. Taylor may be remembered by Common brick, building brick, pavthe reader as having recently donated ing brick, refactory brick and various thus permitting four drifts in the a large collection of geological and types of tiling have been manufactur- phosphat beds and providing for a sulting mining engineer with offices mining literature to the Idaho school ed in Idaho for some years. Just reof mines. Much of this material has cently, however, a new type of clay an inestimable value since it repre- has been discovered in Latah county sents irreplaceable and often unob- that will be utilized in pottery and tainable files of government docu- terra cotta manufacture.

ments. These books with an endow- Verging on the romantic, is the dement by Mr. Taylor form the nu- velopment of an industry savoring of cleus of "The Jos. J. Taylor Library." Ponce de Leon's famed, and fabled After the successful beginning of "fountain of youth." The manufacthe Waterloo mine, property was ac- ture of beautifying face clays has quired by many other parties and the come to Idaho to stay, Out of the phosphate mining industry developed hills in the Snake River plains they into a permanent one for Idaho. One are digging the magic mud that brings hundred and twenty thousand tons of back that school-girl complexiton of

phosphate rock have been produced in the skin you love to touch. Hund-Idaho, of which 43 per cent has been reds of jars of this beauty clay are exported, principally to Japan.

Largest Known Deposit. Geological investigation and map- tising, it may make all the difference ping by the United States Geological in attracting the "one man."

Survey of the Idaho Bureau of Mines and Geology have proven that Idaho Butte, Mont. This company entered has a mineable reserve of commercial the field early in 1920 by acquiring rock phosphate in excess of 5,500,000, large phosphate reserves from the 000 tons. This deposit is larger by California Orange Grove Fertilizer far than any other known deposit in company, which had large patented

holding near Soda Springs in Cari-A bulletin, describing these depos- bou conty. The Anaconda company its from every angle, is shortly to be has built an eight-mile railroad from Carl Ver Steeg, formerly instructor Geo. A. Snow, 1901, and W. M. L. E. Hanley, 1900, who has for published by the Idaho Bureau of Soda Springs to their deposists and Mines and Geology. founded the town of Conda, made up The most notable development of of the homes of workers at the mine. the Idaho field is the project of the A notable feature illustrating the

Anaconda Copper Mining company of magnitude of the Anaconda Develop-

clay deposits capable of being the combination of enterprise, technical chief asset and source of manufac-|skill and abundant capital to place-The San Francisco Chemical com- turing in the community. These de- Idaho, once more, in the front ranks

The geological conditions through-Ferrier and Joseph J. Taylor, two brick, building brick, sewer tile, roof- out the state of Idaho, as a whole, are zinc ores and there is no reason to think that before the present ord hodies are exhausted, other of equal rich-

ness will not have been discovered;

ment is a two mile cross cut tunnel that is 9x9 feet in the clear. A track laid with 60 pound railroad steel carrying 15-ton storage battery mot-The clays have various origins. ors and a string of 10-ton steel dump some directly related to the granite cars, connects the deposits at the face of this tunnel with the bins,

300 Tons Per Day.

Two limbs of the folded phosphatic anticline are cut by the tunnel,

(Continued on page six.)

**A M**as Fruit sold each day. Who says clay is not Send one to your mother, brother, sister or sweetheart." We have them from two to

five pounds each.



UNIVERSITY ARGONAUT, WEDNESDAY, DECEMBER 6, 1932.

ized farmer.

able to the unorganized and organ-

Military Training Favored

"The question of military training

was brought up for a thorough dis-

indicated that, despite the general

Technical educational problems,

tests and examinations, were taken

up at the meeting of the American

Association of State Universities.

average of 15 bushels per acre. DAHO PHOSPHATE INDUSTRY. Our climate, our tools, and our HOLDS BIG POSIBILITIES

#### (Continued from page 5.)

production of 3,000 tons per day. one being of 3,000 tons capacity, two against plant removal of the ele-500-ton units of the milling plant handle present production but more are to be added as it increases." The Anaconda company ships its

phosphate rock to its plant at Anaconda, Mont., where it uses its surplus sulphuric acid obtained from smelter fumes to aciduate the phosphate. fertilizer is produced containing 48 per cent soluble phosphoric acid.

The Western Phosphate company (now known as Idaho Phosphate company) developed the phosphate deposits on the western shores of ho will come into her own. Portland Bear Lake at the town of Paris. Its mine in Paris canyon is connected trade to the Orient and all Pacific with Paris by 3 3-4 miles of company ports by establishing a special termrailroad. A 2,000 foot tunnel taps the inal fully equipped with bunkers, bins, phosphate rocks and a daily production of 20 tons has been averaged over a number of months. A 500ton mill unit is included in the plant, the state than all of the other min-In the next canyon north the Bear Lake Phosphate company has explored the same bed with about 1,590 feet of electric lighted double track tunnel. A 1,000 ton storage bin is included in the plant and the installation of a large mill is being considered.

#### Mine at Montpelier.

In Montpelier Canyon, at the original discovery, the Waterloo mine operated by the San Francisco Chem- of doubling the present yield of Am- animous approval of the student body ical company has about 2,000 feet of erican farms, this deposit presents a in that he is a representative of the tunnel and has produced more phosphate rock than any other mine in living, the worth of which cannot be Rhodes scholarship. Idaho. Since its production is only overestimated. for the San Francisco Fertilizer company, it is limited to what that concern demands. Cousequently, it has not gone in for production on the advanced scale adopted by other companies.

The American phosphate corporation controlled by the Nibley-Newhouse operators of Salt Lake entered the field early in 1920 by leasing part of the Waterloo reserve. Several hundred feet of tunnel and a 590-ton milling plant-are evidence of this company's industry. A daily product hoys know their stuff and will put a several months' period by this com- 175 lbs pany.

In Georgetown Canyon, about 10 railroad with a steep grade or an show us a good time. aeriel tramway.

Realization of Phosphate Need.

great thinkers of the country have neaux of Sandpoint, whose greatest

if his fur is ruffed the wrong way. And Vaudville.

Finicky Feldman's Follies will put workmen are better and more efficient, but the American farmer has out their usual keen line of chatter, as yet failed to see "the handwriting in vaudville and burlesque; while the Several bins are included in the plant, on the wall" and balance fertilizers Pep Band will render appropriate cussion," the Idaho president said. selections as the defeated contenders "The feeling of the meeting was that ments. This may even apply partic- are dragged from the arena. This the R. O. T. C. is the best means of ularly to our Palouse farmers who part of the program is something un- obtaining trained officers. It was usual and promises to be worth the havé had several consecutive bad years and are unable to understand price of admission alone.

army reductions, the R. O. T. C. will The nominal charge of fifty cents suffer least of all and that the is not in the least an indication of strongest units will feel no reduc-The phosphate industry of Idaho is the worth of the show; so get your tion. No more high school units will tickets now and be sitting pretty for be established but emphasis will be at present "bound and gagged" by a placed more on summer training A triple super-phosphate freight rate that is too high to permit an evening of ripe entertainment. camps in the future." competition with the operators of

### PHILLIP W. BUCK CHOSEN FOR RHODES SCHOLARSHIP, such as university attendance and

(Continued from page 1.)

he was debate manager. Enters Oxford In October.

months. The scholarships to Ameri-

1923.

Mrs. Upham and daughter, Peggy, He will enter Oxford in October, returned with Dr. Upham. Mrs. Up-The scholarship is good for ham and daughter have been visitthree years and carries with it an ing for some time in Oxford, Ohio, equivalent of \$1700 a year. Oppor- with Mrs. Upham's mother and they tunity is given the Rhodes scholars met Dr. Upham on his return trip for foreign travel during the summer to Moscow.

can students were made possible by the will of the late Cecil Rhodes. Our prices are so low now Under the system provided in the will that any girl can have a new scholarships were won in 32 states. hat. dwarf the now famous Coeur d'Alene For the 32 appointments there were

Miss Eugene Springer was a guest Eva La Follette, Ruth Annas, Zena Rothrock. Grace Troy, of W.S.C. were at the Delta Gamma house for fireweek end guests at the Theta house. side Sunday evening.

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## Cranberry Sherbert

Something New-Something Delicious

The very latest thing and just right for the holiday season. Try it.

## MITTEN'S

All leading brans of cigars in Xmas packages and complete line of B. B. B., Kaywoodie and Comoy pipes. The most appropriate Xmas gift for him.



Delicious Box Chocolates

Everyone knows how deliciously good our Helen Ardelle Box Chocolates are. We have them fresh in all sizes and prices. If you want the very best insist on the beautiful

#### PNI NEM PIET DUN

### Start Boxing Class

the circumstances.

Freight Rate Paralyzes Industry.

ocean island Guano deposits of the

However, these island deposits are

rapidly nearing exhaustion and Ida-

has prepared for the great phosphate

The phosphate deposits of Idaho

will eventually bring more wealth to

Idaho's Greatest Mineral Resource.

ho, when running at full blast will

timately prove the basis and most

important factor in American indus-

trial progress. With these deposits

the future of American agriculture is

This industry of southeastern Ida-

Pacific that ship by vessel.

loading machinery, etc.

eral deposits combined.

WASHINGTON STATE COLLEGE, Pullman, Wash., (P. I. P. A.)-A class in boxing has been started on the campus under the supervision of "Brick" Johnson of Spokane.

**BILL "MUCKERS SMUDGE"** FOR FRIDAY EVENING

### (Continued from page 1)

tion of 75 tons was maintained over on an exceptionally good mixer at

"Husky" Hanson Ready.

If "Horrible" Hamilton of Washmiles by air line from Montpelier, ington vintage expects to examine the lies one of the best deposits in Ida- mat with his eyes instead of the proho. It is at present undeveloped ex-verbial three points of his back he cept for a few hundred feet of explor- will have to pull some horrible antics, atien, tunnel and open cuts. The says "Husky" Hanson, a Boise pro-Utah Fertilizer and Chemical com- duct and the Frosh grappler of whom pany owns this property and is un- we have heard a great deal. These decided whether to install a 7-mile 160 pounders are clever and should

After some difficulty owing to poor cable connections, an unique match The effect of this great deposit on between two prominent French men like we make here-crisp, light, mankind is hard to realize. Many has been arranged. "Swede" Moly- brown and wholesonia.

cording to Dr. Upham, in that its work is educational and equally valu-



You have always longel to bake at home, bread, cake, cookies and other bakery food dainties just

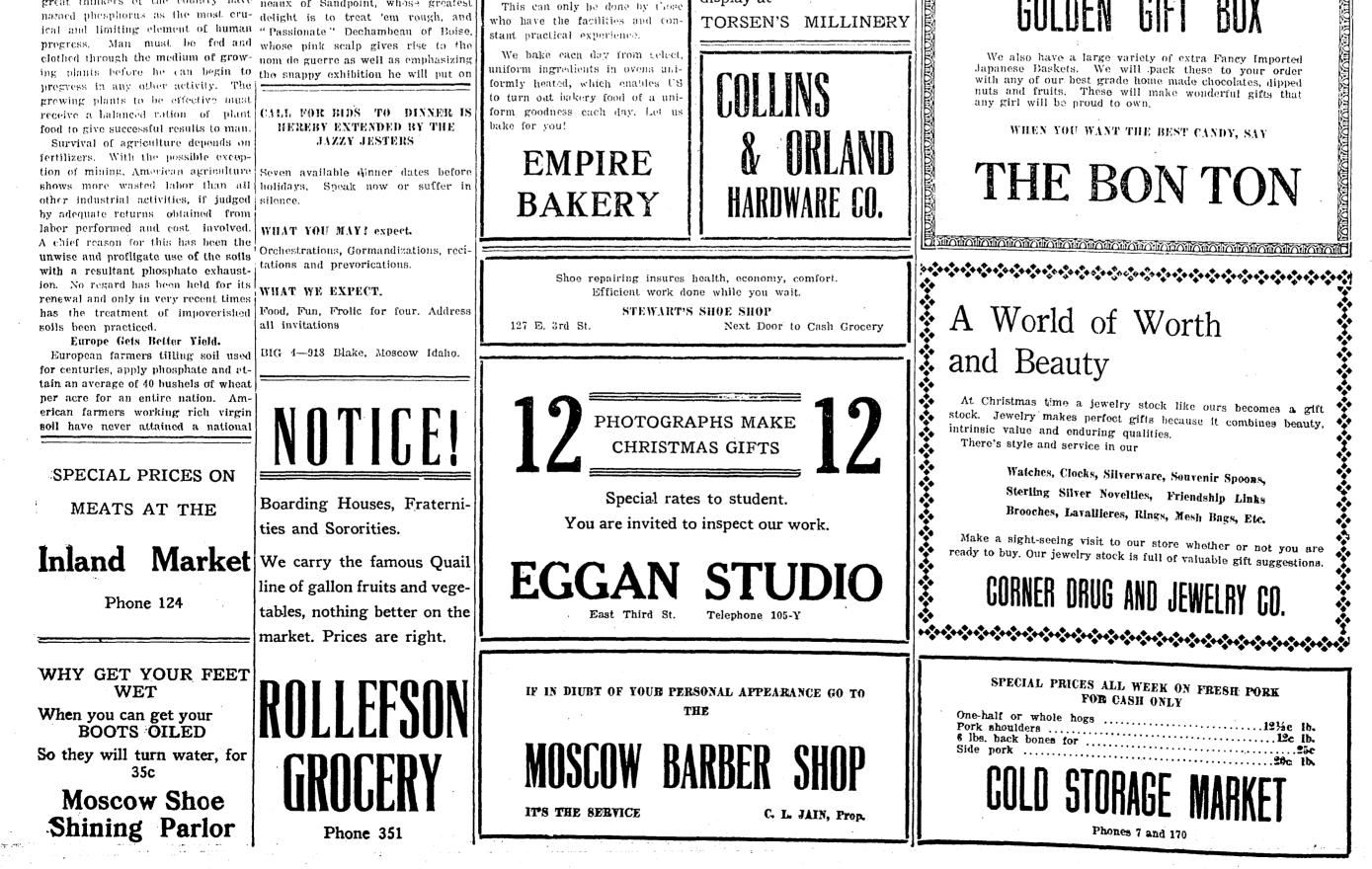


display at

Why not a hat for a Christ-

mas present? See special

#### TORSEN MILLINERY or Butte districts. Since it will ul- 344 candidates. The selection is made on the basis of scholastic ability, character and personality, and physical vigor. The appointment of Mr. Buck as the Idaho guaranteed. Offering the possibility Rhodes scholar has met with the un-



UNIVERSITY ABGONAUT, WEDNESDAY, DECEMBER 6, 1922,

**OUTLINES HUGE** DEBATE PROGRAM

Prof. Harding Details Plans of Department for Coming Year, Listing 15 Events

"We must now undertake the greatest year in Public Speaking and Deing, ldaho's new Coach in Debate annual event. and Oratory, in an interview Monday. "As a mental stimulant," said ical. A cash prize oratorical contest,

lic Speaking or in Debate is unsur- original orations 1400 to 1600 words passed. Any institution of learning, in length, the finals of this contest by devotion to such activities, there- to be held in Assembly in the spring. by contributes very much in solid Open to all undergraduate students strength to the intellectual character in the University. This contest also of the institution.

"This is the age of growth and cxpansion for the University of Idaho," New University Bulletin on High said Professor Harding. To aid in School Debating. The last edition of such progress the Debate Council this Bulletin was issued for the would like at this time to offer to school yeaar 1920-21. If possible, a the University a set of suggestions new edition of this Bulletin should in the form of a bigger schedule of be issued soon containing some usforensic events designed to develop able general information on debate and establish a greater activity-more for high schools, and possibly speciintensive and more extensive-in men briefs and biographies on such Public Speaking and Debate gener- question or questions as may be seally throughout the University.

"In the plan of events as formu- Interscholastic Debate. lated, fifteen different features are included. Five of these, now to be High School Debating Association events.

the spring.

bate. It was held last spring at in the spring. Boise, and should be held this year at Chicago.

event which comes in the spring. students actively interested in those Alice Bowman, Gwendolyn Moser, This year we send a team to Mont- activities. ana, Utah comes here and Montana goes to Utah.

"Fourth.-The State High School tional Honorary Debating and Ora-Interscholastic Debate. This is the torical Fraternity. This fraternity contest held at the University in the would be for "I" men in Debate and spring concluding the debates pro- Oratory." moted by the University among high schools in the State.

"Fifth.—The Borah Debate Prize PLAN TO HOLD BIG contest. This contest was established in 1907 by Senator William E. Borah. The final contestants are chosen in a preliminary debute that is open to all students in the University. The prize is used in building up a special library which is known as the Borah Debate Library, and the

year if Washington State College is able to debate at this time. It would be an annual event.

"Ninth. --- Idaho-Whitman-Wash ington Triangular Debate (Men's HOUSE DANCE WAS Triangular). This event is practically assured as a result of negotilations begun by Mr. Greathouse, Idaho's Debate Manager for last year. This debate will be held just after Christ mas holidays, and will possibly call for two three-man teams.

"Tenth.-The University Declamation Contest. A cash prize declama-

tion contest open to all students in the University. The finals of this bate that the University has ever contest would be held in Assembly in land, F. Brown, Cogan, Simmons, P. had," said Professor Lewis A. Hard- the spring. The contest is to be an

"Eleventh. The University Oratoris to be an annual event.

"Twelfth.-The Preparation of a house.

"Thirteenth .--- Affiliation of a State enumerated, are already established with the State High School Athletic Bernadine Adair, Eugenia Cruzen Association. Such an organization "First.-Oregon, Washington, and should be effected; for it would Wood, Rhoda Felton, Lola Sebree,

Idaho Oratorical; Prize \$100. 'This serve to extend and strengthen high Eugenia Springer, Anna Maria Leithe event has already been established school debating activity and by af- Jean Frazier, Mildred Evanes, Bernby annual contests held in preceding filiation with the State High School ice Harding, Mary Thompson, Heler years. The contest will be held in Athletic Association would greatly Stanton, Louise Yeaman, June Crosfacilitate matters in handling the in- son, Alice Ficke, Margaret Collins, "Second.-The Idaho-Chicago De- terscholastic events at the University Alberta Cornwell, Dorothy Willets

ie Grigson, Florence Green, Sasie ing Club. An organization devoted Miller, Gweneth McKinley, Bethel Utah-Montana-Idaho to practice in Public Speaking and Collins, Elain Long, Dorthy Parsons, Triangular Debate. An established Debate, open to, and designed for, Geanne Smith, Josephine Shriber,

The annual Kappa Sigma house party given Saturday, December 2, was one of the biggest social events of the year. The ladies arrived at noon with their aprons in order to held with the dinner. They made the third floor their headquarters during the day. At 2:30 dinner was served for the 60 couples. The dining room was beautifully decorated with the

ored lights and a large electric Kap-

spent in card playing, dancing and

Clair McDonald and Eileen Gallagher of Ridenbaugh hall The Pi Alpha pedges of Deita Gamma entertained at a matinee dance on Thanksgiving in honor of the Delta Gammas. The guests included, Talbot, Ketchum, Rogers, Chapman, Telford, Hyde, Williamson, Gartin, Jackson, Cobley, A. Fox, Caldwell, Golden, Price, Brown, Davis, Pitcarin, Jacobs, Walters, Peterson,

Penwell Patch, Simmons, A. Nelson, A. McDaniels, Remer, D. McCrea, matinee dance from two to five on Anderton, Parsons, Wilkison and Heath

> Miss Maude Eichner and Miss Evelyn Hausen of Kendrick spent the week end at Ridenbaugh hall.

Sigma Alpha Epsilon announces the pledging of Paul Skinner, of Rathdrum, Idaho.

Dinner guests of Sigma Alpha Epsilon during the week were A. Boileau and Dan Prescott.

Del Mitchell and Roland Miller of Washington Beta chapter of Sigma Alpha Epsilon were guests of Idaho Alpha of Sigma Alpha Epsilon, during the week end.

The second exchange dinner beween Ridenbaugh and Lindley halls

was given Wednesday evening. Miss Jean Thoms of Spokane was the guest of her sister, Miss Helen

Helen Ramsey and Florence Greaves of Omega Phi Alpha were keg of (sweet) cider was rolled out Friday evening dinner guests of Gam-

Mrs. E. A. Wheeler of Caldwell is visiting her daughter Elaine at the Delta Gamma house.

Mr. E. H. Peasley of Boise was dinner guest of Delta Gamma Thanksgiving.

Vera Luse and Vivian Roberts were Spokane visitors over Thanksgiving. Miss Mathieu was a dinner guest of Omega Phi Alpha Wednesday evening.

Genevieve Jones and Helen Ramsey were week end guests of Omega Phi Alpha

Thanksgiving dinner guests of Omega Phi Alpha were Miss Dorothy Gallett, and Messrs. Lewis, Sibley and Hoyt.

Delta Gamma entertained the brothers at dinner on Tuesday evening. Those present were Frances Sheneberger, Maurice Jackson, Frank Will iamson, Allen McDaniels, Herbert Glindeman, Kenneth Collins, Maxwell

Sholes and Russell Parsons. Fulton G. Gale, principal and Ben Comrada, coach at Moscow High, were dinner guests of Phi Delta Theta Saturday evening.

Alpha Delta announces the pledging of Helen Ziegler of Moscow.

IPSE

GALILEO an d

> There was much learning but little real knowledge in Galileo's time (1564-1642). Aristotle was swallowed in bad Latin translations. Ipse dixit. No one checked him by what seemed vulgar, coarse experiment.

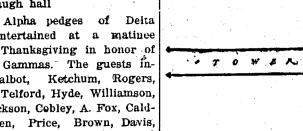
> Galileo fought against the dead hand of tradition. He did not argue about Aristotle, but put him to the test. Aristotle led his readers to believe that of two bodies the heavier will fall the faster. Galileo simply climbed to the top of the Leaning Tower of Pisa and dropped two unequal weights. The "best people" were horrified; they even refused to believe the result-that the weights reached the ground in equal times.

> "Look at the world, and experiment, experiment," cried Galileo.

The biggest man in the 16th century was not Galileo in popular estimation, but Suleiman the Magnificent, the Ottoman Emperor, who swept through Eastern Europe with fire and sword and almost captured Vienna. Where is his magnificence now?

Galileo gave us science-established the paramount right of experimental evidence. Suleiman did little to help the world.

Hardly an experiment is made in modern science which does not apply Galileo's results. When, for instance, the physicists in the Research Laboratories of the General Electric Company study the motions of electrons in rarified atmospheres, or experiment to heighten the efficiency of generators and motors, they follow Galileo's example and substitute facts for beliefs.

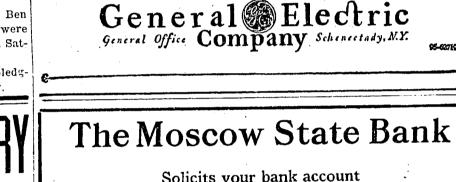




8 1 8 4

0 .

DIXIT



Full line of shoes for men and boys. . Men's

FEATURE THURSDAY

SOCIETY

Gamma Phi Beta entertained at a Thanksgiving afternoon. The guests were: Messrs. McDougall, Pelan, Le-Sodeberg, Creelman, V. Johnson, W. Scott, McMillan, L. Gill, C. Simmons. G. Hodgins, G. Thometz, F. Marchesi, G. Zachman, Haymond, Holden, Buck-Coach Harding, "the contest in Pub- in which the contestants shall deliver lin, Stone, Witteborg, Yaeger, Pritch-

ard, Babcock, T. Bucklin and Brady. Tuesday dinner guests of Gamma Phi Beta were Margaret Healey, Dorothy Willet, Stanton McLaughlin and Prof. Browne.

Sue Miller, Gwendolyn Moser and Gertrude Latimer spent Thanksgiving day at the Gamma Phi Beta

The Thanksgiving spirit prevailed at the Sigma Nu House last Wednesday night at a very successful dance. The decorations were both novel aid Thoms of Ridenbaugh hall. delightful, and a subdued colored lighting efect was very pleasing. A and tapped in place of the customary ma Phi Beta.

punch bowl. Music was furnished by Powell, Johnson and Fox. The gueŝts were: Misses Pauline Pence,

Florence Melvin, Bernice Day, Helen

Goldie Peairs, Marjory Alberts, Jess-"Fourteenth.—A University Debat-

Dean Thomson, Mr. Boyd Cornelison, "Fifteenth. The Establishment at and Mr. Albert Alfreds.

fraternity colors, scarlet, white and green and illuminated by small col-

Campus Organizations Will Display Fancy Gifts for pa Sigma pin. The early part of the afternoon wu

lected for use this year in the State

the University of a Chapter of a Na-

CHRISTMAS BAZAAR

Sale at U Hut.

names of the contestants who secure the three highest places, together with the name of Senator Borah are placed in the books.

and the State, by well-chosen additional forensic events and enterprises. Several of these new possibilities are available for this year, it is practically assured. Such groups of various organizations of the campus tine. features, all of them new, would in nd is known as the Campus bazaar. clude a public inter-class discussion, Each group will rent a booth and at least one intercollegiate debate for display whatever articles they desire women, two intercollegiate debates for the Yuletide trade. Mr. and Mrs. for men, a local declamation and a Eugene Ralph, of the Kampus Kitchlocal oratorical contest, the publica- en have charge of the general overtion of a University Bulletin on sight. High School Debate, the affiliation ment of a debating club, and the es- fancy kerchiefs to the most elaboral honorary debating and oratorical within reach of all, say the managers. fraternity in the University. Discussion.

"Sixth. -- Inter alss the University. The discussion is on look over the wares on display. a selected question or topic on which each speaker may make preparation and deliver an opening speech seven minutes long, and a rebuttal speech Kappa Alpha Theta. four minutes in length, the speaker taking any phase or side of the question. Preliminary contests will be held first, to select from each class one class winner to compete in the final discussion in Assembly. The final contest will be held in Assembly sometime in the fall.

"Seventh. --- /Idaho-Whitman-Washington Triangular Debate (Women's Tu'angular). This event, everything indicates, may be arranged for and a contest held at a date sometime in January or February, according to information from Mr. Buck, our present Debate Manager. Idaho's teams will require at least four women debaters.

"Eighth.-Idaho vs. Washington State College Defate. It is possible this event can be established this

Patronize home industry and save listening to radio concerts. At yourself money, is the slogan that o'clock two plays were presented by the participants of the Christmas the frosh, after which followed a debazaar that is to be held at the Uni- lightful dance to the tune of Ernic Speaking and Debate may well be versity Hut, Friday, November 15, are Reeds orchestra. Later in the evespeaking and Desite may use sty saying to the students who are ar- ning much joy was added by pecu- Third St. Between Main and Wash-further stimulated in the University saying for the coloritor of arms the selection of arms the ranging for the selection of appro- liar caps, squakers, toy balloons, priate presents for friends and crickets, and other mirth-making novclties, and the party ended amidst a "others" on Christmas. The bazaar is being put on by the great battle of confetti and serpen-

On Thanksgiving day, a matinee dance and supper was given by the men of Lindley hall for the women of Ridenbaugh hall. Dancing began at 3 o'clock and lasted until 7 o'clock. A buffett supper was served at 5. During the supper songs were sung by

The sale will resemble the bazaar the Lindley hall quartet composed of of a State High School Debating As- put on last year under the auspices Ted Turner, Port Arthur, Bill Perry sociation with the State High School of the home economics department and Bob Fitzke. Athletic Association, the establish- and will include everything from tablishment of a chapter of a nation- ate gifts. And the prices are to be

The bazaar wil be open from 10:00 A.M. until 10:00 P.M. and will allow Open to all undergraduate students of ample opportunity for everybody to

> Caroline Clayburn and Mary Me-Monigle.were Sunday dinner guests of

> > SOCIAL CALENDAR

Bec. 8-Muckers Smudge. Dec. 9—Knights of Ball and Chain. all college, Gymnasium. . Gamma Phi Beta Pledge dance. Delta Gamma Pledge dance. Dec. 16—Associated Foresters dance, all college, Gymnasium. Phi Delta Theta dance. Dec. 21-Christmas vacation begins at noon.

Jan. 4-Christmas vacation ends. Jan. 4-Washington Club dance. Jan. 15-Women's League dance,

Gymnasium. Jan 20-Ukralpian chorus, Matinee, Anatteriume

Jap. 2-Open. being R-Morgers' dance.

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Thanksgiving dinner guests of Kappa Alpha Theta were Allegra Eckles and Ida Matthews.

Irene McKay of Mullan, Idaho, and Mary Owings were dinner guests Saturday night of Kappa Alpha Theta. Dinner guests of Kappa Kappa Gamma Monday were Miss Winslow, Miss Lean and Miss Sargent.

Thanksgiving dinner guests of Alpha Delta were Mrs. Geck and Messrs. Sowder, Black, Peterson and Fuller.

Wednesday of last week the Gamma Phi Beta chapter entertained for the brothers at a dinner. The guests were: Merle DeCamp, Kenneth Stanford, Edward Babcock, James Gyde, John Eagleson, Charles Pitcairn, Glen Hyde, T. Bucklin, Ted Bucklin, E. Bowers, G. Walker, Dan Prescott and Frank Brown.

Dinner guests of Ridenbaugh half during the past week were Misses Ruby Gates, Betty Collins, Mary Kelly, Virginia McRae, Louise Yeaman and Helen Honnold and the Messers, Gerald and Lawrence Gill. Mrs. R. McDonal and Mrs. F J Gallagher of Seattle spent last week end with their daughters, the Misses



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Thursday and Friday

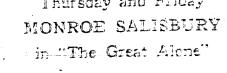
Saturday, Sunday, Monday TOM MIX and JUST TONY

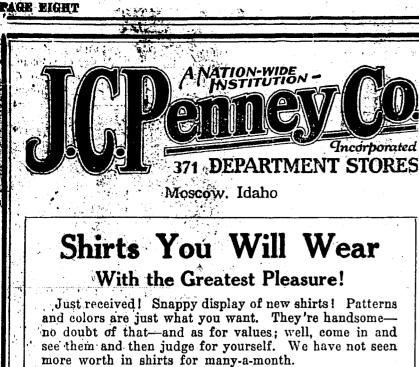
Tuesday and V esday Next Week, A I becial FE" "THE SHEIK"

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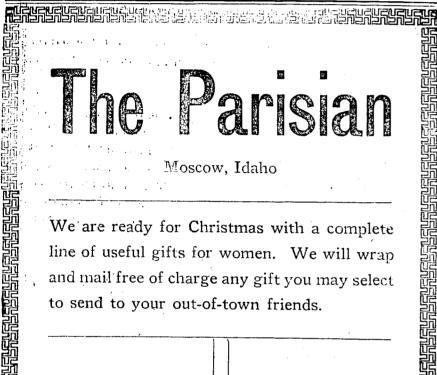
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Just received a big shipment of velvet dresses

UNIVERSITY ABGONAUT WEDNESDAY, DECEMBER 6, 1922.

### **Timber Beasts Plan Hoe-Down** In Forest of Woodland Beauty

Timberbeasts, lumberjacks, forest-1yet friendly woodland. ers-all have been called from their In Woodland Clearing.

sylvan haunts to again create that atmosphere about our gymnasium that makes for those exceptionally enjoyable dances. These men are already at work, planning, scheming, contriving, in order that, happy as are the memories of former "hoe downs," the one on December sixteenth, nineicen hundred and twenty-two, will out shine them as the sun outshines the

stars. On that evening the gymnasium will be a part of the great American forests, unless you are an admirer of the beautiful, a lover of the woods, you will be confused, bewildered, at the majesty and grandeur which will be yours to witness as you step with-

ers common to the big woods of the great northwest. It is to be winter in the forest ton a light snow will be seen on the trees and on the ground beneath the dim light of the night shinning upon the

fallen snow will make this little al cove in the woods an ideal spot m which to spend an evening dancing to the music of the rustic elfs.

Signs similar to those found i areas under forest service supervision, will be posted about the forest in its bounds. There will be a group advising you as to your conduct. It of pines, here a stand of fire. Youd- is to be an informal dance, and one er will beckon a shaded bower; and at which every minute will be a deall about will be the black, the silent, light.

of the faculty was arraigned before vent's treshman squad will aid in maka court made up of students and jug the team superior.

faculty members, was perhaps the fea-Schedule Not Completed. ture of the evening and drew out many The schedule for the season will hearty laughs at the expense of those not be entirely completed until Dectaking part in the proceedure. From ember 8, says Coach McMillan, but the time the prosecution opened its it will include a trip through the case for the state of Podunk, until holiday season during which a numbthe judge had rendered the decision er of games will be played. in accord with the recommendations Each team will play every other

of the jury, the audience was kept team on it's home floor this year, in a continual uproar of laughter by according to the regulations adopted the prosecution and defense. The athletic cards also proved quite Coast conferences. This will insure

boxing. three two-minute bouts between nifty team from the home galleries. mit-mixers in the bantamweight, No decisions were rendered in any events by referee Heintz Glindman. In the wrestling events were also staged three events of five minutes. durtion each. Only one decision was awarded here. This came in the last event when after a long and tiresome struggle Fred Horning succeeded in pinning his opponent. John Toeves, to upont to furnish their share towards the mat.

Music Numbers Good. Music for the evening was furnished Captain "Al" Fox, all Pacific and by the Beta quintet of two saxaphones Northwest forward, "Oz" Thompson, by the Moe brothers, violin by Pfost, center on the second all coast mythbanjo by Robert Cummins, and piano ical team: Harold Telford, the "fightby Curtis Harington. A quartet com- enest guard on last year's five; Harposed of Port Arthur, William Parry, ry Edwards, fast passer and clever Robert Cummins, and William Pal- guard; "Red" Steiner. a very fast mer also entertained for a brief space. 'guard: "Bill" Gartin, speed and the During the fore part of the program ability to stick to his man; "Ade" Neleveral interesting talks and reading son, one of the most accurate shots vere also given by students and fac- on the team; and "Pete" Wyman, who ulty members. Professor H. P. Mag- made an enviable record two years nuson, imitating a Swede in both ago, will all be out next Monday. speech and manner of dress, evoked With them "Johnnie" Vesser, Walta great deal of applause over a er Reamer, "Dusty" Kline, Swedish translation of the "Midnight Kleffner, "Skip" Stivers, "Joe" Thom-Ride of Paul Revere " and other wellknown selections. The Irish and the Jews. "God Loves the Irish, but gives the Money to the Jews," and several other scintillating readings were given by bud Melan. As a impersonator of the Jew and the Scandinavian he was supreme and succeeded in getting considerable applause from his listeners. Professor R. K. Bonnett of the department of agronomy spoke for a short space upon the objects and purposes of the Alpha Zeta honorary fraternity. He gave a synopsis of its Select Men for Positions on history, and of its place at the university.

by both the Northwest and Pacific an attraction and some very good bouts as many games at Idaho as the teams were staged in both wrestling and play elsewhere and give enthusiastic On the boxing card were fans an opportunity in supporting the lightweight, and heavyweight classes. been divided into two sections and

in the finals the winner of the southern section will meet the winner of the northern section on their own floor in a series of three games for the championship.

Good Material.

Among the men who can be relied turning out a victorious team this

year are included:



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Renewed Strange



Do your Christmas shopping early-not only getting better selections but receiving better service. 5 35 10

less Smoker.

Zeta, honorary agricultural fraternity, AGS., FORESTERS annual smoker held at the University Hut, Friday evening.

Dean E. J. Iddings, of the school of FROLIC FRIDAY agriculture, awarded the cup after a brief talk on the value of stimulating scholarship in the college of agriculture and explaining the methods of awarding the cup. He told of the successes graduates of the college of agri-Award Scholastic Cup and culture were making in the agricul-Announce Pledges at An- tural industries of the state.

nual Alpha Zeta Smoke-Walter Joseph Bryne, of Boise, sopohomore in the college of agriculture was the winner of the scholarship cup which is awarded annually Fun, frolic and business marked to the freshman in the college of agrithe annual smoker of the students of culture making the highest honors. the college of agriculture and for- The requirements further stipulate estry at the University Hut last Fri- that the award will be made only to day evening. The evening's enterthe student who returns to take up tainment was carried off with disthe second year's work. patch and was thoroughly enjoyed

These pledged to the Alpha Zeta fraternity were: Dale Vohs, Emmett, Idaho: John R. Robertson, Firth, Idaho: Walter Pierce, Berger, Idaho; John Remsberg, Rupert, Idaho; and Walter Payne, Idaho Falls, Idaho. They were received by Thos. E. Speedy. The smoker, which was by the way smokless in nature, was attended by the members of the college of agriculture and the students enrolled in the school of forestry and proved an

Award Scholarship Cup

by everyone present. Each succeed-

ed in getting a real "boot" from the

humorous readings and various take-

The event was staged under the

auspices of the local chapter of

Alpha Zeta, honorary agriculture fra-

teraity and yas participated in by

talent within and without the or-

offs on student sand faculty.

ganization.

14 14 14 14

The awarding of the scholarship evening of entertainment in all decup to the sophommore in the college partments of the program. Music, of agriculture making the highest speeches, readings, mock trial, and of agriculture making the highest speecnes, readings, mock triat, and bon are categorized optimized, is men trying out for the team were the national commerce fraternity, was Thanksgiving day. the outstanding events at the Alpha The mock trial. in which a member

At the close of the program refreshment of cake and sherbert were generously served to those present.

VANDALS BEGIN SEASON PRACT

Optimism Prevails Over the Outlook of the 1922-23 senior class has already provided for plete.

The "Fighting Vandals" began offor the hard schedule that waits the team in the 1922-23 basketball season in the Pacific Coast conference

Coach David MacMillan is out to repeat the story of last year's conquest -but will make no stement other than that the team will exert Francis McKee, Clarence Lindstrem.

the practices and six men from last Eastman.

as and "Bennie" Keane, all of whom bring promising records from the freshman squad. DEBATE SEASON

Triangular Debate Which Occurs in January.

A successful and well outlined program is the result of a busy week put in by the debate department. Besides choosing the members of the varsity debate squad, the department has well under way the arrangements for the women's debate and for the interclass discussion.

The interclass forensics will take place either before the kolidays or immediately after. The subject as announced by Phil Buck, debate manager, will be "The relation of the U.

season; Schedule Incom- its tryouts and the other classes are completing arrangements this week. Tryouts for women's triangular de-

bate will be held Thursday, Dec. 14, ficial practice Monday in preparation at 7:30 in room 217 of the Administration building. Drawings for places will be held at 4 o'clock of the same day in room 204. The question as an papeod by the debut with a lineup equally as strong as nonced by the debate department is the one that last year captured first tablished a federal department of cdu-

cation similiar to that proposed in the Towner-Sterling Bill." Choose Men for Debate.

every possible influence to hold up Frank Wyman, and Clen Hyde were the good record established last sea- chosen from twenty-one contestants

The prospects for the present sea- lar debate held last Monday. Other City, (P. 1, P. A.)- Alpha Kappa Psi, Mr. Marineau as dinner guests on son are exceptionally optimistic, is men trying out for the team were: the national commerce fraternity, was Thanksgiving day. up with paper talk. Of the 1921-22 Reed, Brigham, Imes. Worthington, ber 17. This fraternity replaces the Alpha Theta were Mrs. Sharp, Miss veterans, eight letter men are back in Henry, Alfred Derr, John Derr and local commerce fraternity, Beta Beta Clarke, Professor Church and Prof-

SENU KECUKUS HUME FOR CHRISTMAS

Many students are availing themselves of our complete stocks of Victor, Edison and Columbia records to send home the latest selections. We pack and pay the postage on two or more records.

I Wish I Could Shimmy Like My Sister Kate. . The Virginians

All for the Love of Mike. Miss Patricola.

Three O'Clock in the Morning....John McCormack.

Mr. Gallagher and Mr. Shean Gallagher and Shean

Toot, Toot, Tootsie! (Goo' bye) The Benson Drehestra

> Homesick Whiteman's Orchestra

Zez Confrey and His Orchestra Cow Bells



### National Honorary Installed

Kappa Kappa Gamma had Dwight

essor and Mrs. Brosnan,