O. A. C. MEETS
IDAHO FRIDAY

SCRAPPY AGGREGATION FROM OREGON WILL BE HERE

Game Will Be Fast—Don’t Miss It

"Yes. O. A. C.'s team is a good one,"

said Coach Griffith Wednesday. "They always turn out a speedy 55: over
there and this year's bunch is no ex-
ception. They have played two games
with Washington and the coaches of
both teams left them both by loss-of-score
and they can give any team in the Con-
ference, a thorough beating.

"Idaho will be strengthened by the
presence of Martinson at center and the
way we shall use the quarter line and
Kinion on the hands.

"He takes the place of Thell and
Groselick, and Kerlin at center, and
Kinison in the forward positions.

"The scrap will start in the Gym at
4 o'clock sharp and the whole student
body is expected to turn out. It will
be a bang-up battle from start to fin-
ish something to show these rival oppo-
tion go shuffling Mrs. Vernon Carl-
tine in their dancing up and down in
your veins, a little something to give
some tense first-year girls a few tense
sensations in ii switch conclusively
as 'The Match.'

"Humphries, Wisconsin will be
now rated, so we shall have a good
field, and it will be a test of their
amount of work to master it, but as
soon as the examinations are over precipitation for the debates
will begin in earnest.

The team that is to debate the ques-
tion of railway paving away from
home has not yet been chosen. But
as in as much as several men who have
been in one or more inter-collegiate
debates, are working on the subject it
would seem that we shall be well
represented in that context.

Pooing, moreover, is a far narrower
question than that of government
ownership and operation, and so it will
not require as much study. It may
be possible, too, for some of our Gonzaga
debaters to switch from the question
of government ownership and oper-
ation of railways to that of paving,
or rather to prepare on both ques-
tions.

ZOOLOGY DEPARTMENT PUBLISH
VALUABLE RESULTS

The last issue of the Biological
Bulletin, a standard biological
research journal, contains a long article
with eighty figures on "Sex Determina-
tion in Mammals" from the Zoological
laboratory at the University of Idaho.

The author is Dr. E. J. Weddelbok,
who devoted considerable time to this
problem and spent the entire summer
vacation at the Wisconsin labora-
tory finishing the investigation and
giving the results in shape for pub-
llication. By using a method which
the first to show conclusively how sex
is determined in the vertebrates and
his extensive research along this line,
which would comprise a large volume,
are known in every biological
and medical school not only in this
country but as far as he knows, the
first to show conclusively how sex
is determined in the vertebrates and
his extensive research along this line,
which would comprise a large volume,
are known in every biological
and medical school not only in this
country but as far as he knows, and
is considered authority on that subject
in the vertebrates.

In the lyrical drama to be presented
by the members of Miss French Club
in Public Speaking, a play of the fiasco
trope is promised.

DEBATE TEAMS

The two debate teams that are to
discuss the question of government
ownership and operation of railways
with Gonzaga University, here and in
Spokane, on the third Friday in March
(March 19) have been chosen. The
formative team, that will represent Idaho
on the stage in our own auditori-
num, consists of Blair Lewis, John
Owens, and Will Beckett. They
will speak in that order. The final rebut-

tal speech will be given by Beckman
of the negative team that represents Idaho
in Spokane is made up of Bert

They will speak in that order. Of
these men only two have had
the experience of an inter-collegiate
debate. But all of those are good
speakers, and all of them are
very good workers. The question is a
very broad one and it will require
an enormous amount of work to master
it, but as soon as the examinations
are over precipitation for the debates
will begin in earnest.

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tion of railway paving away from
home has not yet been chosen. But
as in as much as several men who have
been in one or more inter-collegiate
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debaters to switch from the question
of government ownership and oper-
ation of railways to that of paving,
or rather to prepare on both ques-
tions.

ALUMNI

The meeting which is scheduled to
take place at Ridenbaugh Hall on Feb.
2d is to have you who have grad-
uated from the University and are
at present residing in Moscow. You
are requested to be there and you
are expected to be there. Everyone
should appear and try to make this or-
gazette as live as it is possible
to make an organization of its kind.

Remember the date—February 2d.
Tuesday evening at the Dome.

DEBATING PICKED FOR MONTANA TEAMS

After a series of tryouts, the men
selected to debate the University of
Montana in five intercollegiate debates
this winter, have been named. Here
are those chosen:

Montana versus Gonzaga university.
Clarence Britt and J. Ward; Montana
versus Montana State College, William
Long and Payne Templeton; Montana
versus University of North Dakota.
Stewart McHaffie and William
Gonza; Montana versus University of
North Dakota: Clarence Britt and Payne
Templeton.

The Montana-Gonzaga debate on
February 16 will open the series of in-
tercollegiate contests.

PLAY WILL BE GIVEN FRIDAY

THE FIRST PLAY OF THE YEAR
WILL BE GIVEN IN AUDITORIUM
ON FEBRUARY 5
Talent to Appear Gives Promise of a Successful Presentation

The first play of the present school
year will be given next Friday evening
February 5, in the Auditorium.

The members of the cast have been in
preparation for weeks by Berghan
Phillips' "Paolo and Francesca," a love
tyrade in four acts. The setting
is Italian—grim castles, beautiful gar-
dens, quaint Italian shops and way-
side inns. The characters are costume-
d as the Romans of old. The play is
rich in the music of its words—touching
and sweet, again harsh and
cold.

Miss Frencho, who is coaching the
play, seems well pleased with the
cast. Some have had previous experi-
cences; others have not; but those who
recall the success of the "Private Sec-
tary," will remember that even new
material in the hands of Miss Frencho
shows up "well done." Willard Mc-
Bride and Bert Solomon give strength
and motive power to the play; Mar-
Gladys Johnson as "Francesca," and C. P.
Gladys Johnson as "Paolo," give it
beauty and sweetness, temper the cold "Ori-
ana," the impulsive but disappoint-
ment "Lucretia." The other characters
are Messrs. Ison, Lichfield, Polouter.
Gladman, Misses. Merritt, Mert,
Danenh, Carithers, Rawlings, Wilson.
Banier, Desene.

They desire to see the play, and
this should include everybody, must
procure their seats early and reserve
them well forward in the auditorium
(close to the left side of the stage),
it is the left side of the stage, the right
side of the stage contains the "Koben
and the Delanio." The most

court in the drama is not quite
as important.

Mr. E. H. Humphries appears before
LEWISTON AUDIENCE

On Saturday evening, Jan. 16th, E. H.
Humphries, the popular artist from the University of
Idaho, the audience was certainly
more than delighted, for he possesses
a voice of real beauty as well as a
very good deal of dramatic ability.

His first group was three German
songs, "Ich Gehe Nicht" (Shumann), "Der
Pfad und die Mitternacht" and ""Der
Doppelganger" (Schenck). In these
pronunciation of the German was
exceedingly good and his intonation
was most excellent. "Der Tow und die
Mitternacht" was especially well re-
corded.

His next group was three English
songs, "I Hear a Thrush at Eve" by
Cadmian, "My House" (Bythell). These
showed an appealing quality which
is always greatly to be desired in a
singer. "The Philanderer" (Lehr) was
received by the audience in the

CALIFORNIA NEW GYM WILL BE
FINISHED SOON

The new gymnastic will be com-
pleted in 90 days. This is in effect
the official opinion of L. C. Larson,
a member of the contracting firm of
Larson & Simpson. Two-thirds of
the brick work on the locker and show
room has been completed, and a large
to the carpentry work at the

The structural steel framework of
the drill and gymnastic hall is being
put out, and as soon as this
operation has progressed sufficiently,
work on the roof will be com-
pleted and finished. Over 46 men are
now employed in the construction of
the new gymnasi-
mum, and a force of finishers
will be added when needed.

Steel lockers have been manufactured
for the new brick locker and shoe
room, and these will be put in place some time
in April.

But when college opens next fall, the
gymnasium will be completely finished and ready for occupancy.

The new shower baths and towel
rooms will contain many of the most
modern conveniences, and will
accommodate the many students who are ex-
pected to avail themselves of the
bath. Dr. H. B. St. Hilaire's new system of
gymnastics training next semester.

THE UNIVERSITY ARGONAUT
VOLUME 17
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NUMBER 16
GOVERNOR REPORTS ON STATE SCHOOLS
RESULT OF HIS STUDY OF EDUCATIONAL CONDITIONS OF THE STATE SCHOOLS

Junior College Plan Criticized—Favorable to Albion Normal

The state of Idaho is fortunate in having its university located in Moscow.

No desire for the aggregation of the Agricultural college exists in any degree in the state. I believe there is a great future before the university.

The University of Idaho is located as pleasantly as possible. The buildings are in a good state of preservation. They are well built and well preserved. The equipment in all departments, as far as I could judge, is ample and is up to the highest standard. The institution is well adapted for the purpose for which it is dedicated.

Every department, judging from the observation and information furnished me by the men in charge, leads me to believe that the work can be carried on for the next two years, with the highest efficiency, without any extraordinary claim on the treasury of the state of Idaho.

The doity herd is one of the best in the state, being selected with the greatest care and one that cannot be excelled anywhere.

The dormitories are modern institutions and are really first class hotels, under such rules and regulations as make them adapted for student life. The moral atmosphere seems to be of the very highest. A young woman housed in one of these dormitories is surrounded with every influence that will tend to make her a woman of the type that Idaho is proud to have.

No doubt, demands will be made for improvements and additions, but there are all questions that are subjects for investigation. As the enrollment is not likely to increase greatly in the next two years it is a question whether the state of Idaho should make any expenditure more than is necessary to maintain the institution in its present state of efficiency.

The university of the state of Idaho will have an income without any direct appropriation from the state of Idaho of $125,000 for the biennial period of 1915-1916. This will be, to a certain extent, enlarged by the addition of indirect income from the rental of land, and interest from land sales which amounted in the last biennial period to $125,000. This income increases from year to year on account of a larger amount of money being loaned. There is also due to the state of Idaho, for uncollected and accrued interest on loans, in round numbers, $90,000. About $15,000 of this will go to the university. I have no doubt but what all of this $40,000 will be collected and distributed as the law provides.

The indirect income of $125,000 for the past biennial period, and probably $150,000 for the ensuing biennial period, is in some measure the fund or fund that the legislature ought to keep in mind in making appropriations. This fund is little understood. Each of the various state institutions receives a certain amount of the indirect income.

This fund, hitherto, has largely been used for equipment and for additions, which the law does not intend. The legislature should express, unmistakably, that this fund should be used only for general maintenance of the institutions, and that at the end of the biennial period these funds should be exhausted.

In the past this money has been set aside for the purpose of making additions and alterations which the law does not contemplate. It ought to be distinctly understood now, by the Board of Education and by the state institutions, that this fund is in a maintenance fund, and in making the appropriations the legislature should take these funds into consideration and make the appropriations accordingly.

The increase of these funds from year to year will serve as a protection against accident or unforeseen expenditures that may arise in carrying on the work of these various institutions.

On page 88 of the report issued by the State Board of Education there is set forth the probable amount asked for the biennial period for salaries at $290,250. What these salaries are for and whether any economy can be practiced or not is an able state to state until such time as they are figured in the budget form when the matter can be judged correctly.

I believe that getting forth the item of $290,250 without being itemized so that the legislature and the executive may both see for what the money is to be spent, is not a good business method. While the amount may be necessary for the proper carrying on of the institution, that amount of money would never be appropriated by any business organization without the details thereof being furnished and every part gone into, and as the state of Idaho is only a large business institution it is entitled to know the details of all expenditures from the different institutions under the charge.

I have gone over the estimates asked for carefully and I believe that they can be reduced—that a considerable reduction can be made without impairing their efficiency, as the estimates asked for on page 88 of said report are unnecessarily large, and in places the creation of efficiency will create extravagance.

The appropriation asked for this year, without counting the $27,000 from the Lever Bill and the additional income of about $150,000, is in excess of what it was two years ago. With the unifying system it ought to be much lower than it ever was before, as we have added a new department to our educational systems which is a Board of Education which is asking for an appropriation for its own maintenance, $46,000.

This report showing salaries at $290,250 is an increase over two years ago of over $11,000. It shows the upkeep and overhead expenses, $250,000. Certainly the overhead charges for the university of that amount of money is greater than it ought to be.

No business institution has an overhead charge of more than fifty per cent of the cost of the actual amount required for labor. The overhead charges of an institution like the University of Idaho, outside of expenses for instruction, should not be over thirty per cent of the total cost.

On page 78 of the Report of the Board of Education are the following items: "The college enrollment, 460; summer school enrollment, 85; special courses enrollment, 102; total, 561."
The enrollment for summer school might as well be eliminated. Students in the summer school are charged five dollars tuition. Besides that the legislature is asked to make a special appropriation of five thousand dollars for this summer school. This part of enrollment has nothing to do with the university.

The special courses included 102 students consisting of short courses which cost very little relatively. There has been a total enrollment of 466 students. When we take into consideration that the enrollment of bonafide students numbering 466 ask for an appropriation all told of over half a million dollars, it is time to investigate and determine whether efficiency and economy are being practiced.

I am reliably informed that summer schools are being maintained in the state of Idaho and maintained with a high degree of efficiency for the tuition fee of ten dollars and without any cost to the state. The teachers taking these courses are employed in the various schools of the state of Idaho and give perfect satisfaction. This would make the cost of a summer school of 102 students $1200 while the university asks for $5000. There can be no additional expense to a summer school in the university. The professors employed at said institution should receive their salaries on the basis of a yearly allowance and the time devoted to teaching summer school ought to cost the state nothing.

Besides the appropriation asked from the legislature the Dairy Department at the university sells butter and other products raised on the farm which are not accounted for in this report.

I am informed that there was an agreement made by the regents of the university, about three years ago, with the timber industry of the north to add a Forestry Department to the university. The timber interests pledged themselves to put up a building at a cost of $20,000 and donate it to the state of Idaho. The state has the Forestry Department in running order, but there is no building erected yet and the timber companies have forgotten their obligations to the state, and it is a question whether the state shall continue this department without having the parties directly interested and benefited carry out their part of the contract.

The Academy of Idaho

The Academy of Idaho at Pocatello is well located, well managed and well equipped. It has a very large commercial department, which, according to my idea, is the largest department in the school. If the state desires to add a commercial training to its educational system the foundation exists in the Pocatello Academy. It can be made useful in many ways as commercialism today is one of the great requirements of young men.

There is almost an entire floor devoted to the teaching of this department. It has banking, shipping, merchandising, buying and selling, and all of the various departments that make up commercial life.

It also has a fairly well equipped mechanical department and does a certain amount of agricultural work. Whether it is best to maintain a department in agriculture at the Academy of Idaho, independent of the Agricultural College of the University is a question concerning which I have grave doubts. The campus of the Academy of Idaho

It is one of the largest and best kept and laid out, in the state. The buildings are perfect and are well taken care of. The equipment is full and complete. Very little improvement is necessary to maintain it in order for whatever purpose it may be used.

I believe there is a large unexpended balance of the direct income of this institution on hand. I also believe that the appropriation made two years ago was excessively large. A great deal of economy could be practiced in the appropriation for the ensuing biennial period without impairing the efficiency in the least.

The Lewiston Normal

The Lewiston Normal is composed of an old building erected many years ago, with a new addition. This institution, if the state increase in population within the next three or four years, ought to have another addition constructed and the old one be abandoned. The building is not as well kept as it might be. It also requires some little interior improvements to make it as attractive as a state institution ought to be.

The room for the heating plant has partly fallen in, and an appropriation ought to be made to cover the same. The estimate furnished during my visit there was about $1000 for that purpose.

The city of Lewiston is levying a sidewalk tax against the campus, which I think is absolutely unnecessary. There is a good cement walk on every side of the campus and there are good walk sidewalks through it and I can see no reason why there should be a cement walk around the state's property.

I believe that wherever the state has an institution located, the municipality should be allowed to make any special assessment against it, and the people of Lewiston generally, desire to help it instead of impeding its development.

The Lewiston Normal operates two departments called Experimental Schools, where the small children from other schools are invited to take their instruction at the normal, at a great cost to the taxpayers. It is generally conceded by the best minds on education that the teachers of the normal should be allowed to go to the public schools to do their practising instead of the children going to the normal. As our entire educational system is now under the head of one board, called the Board of Education, it would only require an order from that Board to make that change and save the state $12,000, and make the professors increase the quality of good teachers could be increased. In fact, as far as I have been able to ascertain by my investigation, the opinions of the best minds on normal training agree on that point.
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ALUMNI

We extend our greetings to you. To you who left your Alma Mater years ago and have traveled far upon Life's pathway, and in carrying your end of the trials of life may have become homely-haunted and bent, to you we extend our greetings. To you who have more recently entered upon the duties of life's school and perhaps remember more vividly your college days than we extend our greetings. Many changes have been made since you left your Alma Mater. Her field of activity is steadily expanding and present indications bid fair for her to continue in her forward march and become even greater as a means to the people of the entire state.

In spite of the material changes and the rapid expansion of her field of activity, she is the same Alma Mater who greets you today. Her ideals are the same and will remain unalterably the same in the future as in the past. The principles for which she stands have been preserved for many years, principles which every student who leaves her should cherish and promote wherever his influence is felt.

As undergraduates, we may, by reason of time and distance be widely separated from you, yet our common influence forms a bond of fellowship between us. The common scholastic training makes, as it were, a common view-point thru which the great facts of life appear much the same to us. In view of these facts there should exist a great spirit of unity between the alumni and the undergraduates—that spirit of unity that is so necessary and that goes so far toward establishing a University in its proper position.

To build up and strengthen this spirit of unity, however, is a problem of no small consequence. We realize that it must be at times very hard to keep up the interest in the Alma Mater when one is out from it fighting the battles of life, but we ask you to try. In the last issue of the Argonaut appeared an article discussing the plan which is on foot to reorganize the Alumni Association and put it on a working and live basis. This effort is of great concern to the University, to the alumni, and undergraduates as well. There are more than fifty alumni in Moscow whose combined efforts will make the association a live one. It is to be hoped that this plan will receive the fullest support of the alumni who resides in other parts of the state as well as of those who may reside outside of the state, yes even of those who may be located in foreign lands who the spirit there may, at this time, be of a beneficent nature.

We solicit the aid of all the members of the alumni to do all within their power to make this organization a success. It is to be hoped that arrangements will be made for the secretary of the association to receive notes from the alumni and that these notes may appear in the columns of the Argonaut. If this plan matures, which we sincerely hope it will, we invite the Association to elect at one of its meetings a member to contribute the alumni news to the Argonaut each week. This news will be published under a suitable head and be given a good position in each issue of the paper. The member elected will become a member of the Argonaut Staff. May your effort be crowned with success!

DIADH SPIRIT

The recent criticism heard at assembly in regard to the non-support of student activities was timely. A little observation indicates that the only student activity properly attended in the college dances which everyone patronizes except those unfortunate ones who are left to cry it out alone. Coming next in order of popularity are football, basketball and track which receive a support usually commendable. Baseball is given little encouragement, perhaps because of the weakness of the teams, due to lack of material.

Turning to other student activities such as the Home Economics Club, the Intercollegiate Debates and musical productions, the interest manifested is almost negligible. The Glee Club in a mere desperation to get out of debt once more, had to cut the prices scandalously to draw one-third of a house. The debater is getting over the shock to his pride of speaking to three judges, the Professor and nine hundred and seventy vacant seats, while the Home Economics Club, once thrilling organization, is advertising for suggestions with a view of bringing back some much-needed interest.

And so the list could be continued indefinitely.

There does not seem to be any immediate danger of students going to excess by slighting their studies in order to attend a debate but it does commence to look like every function will have to wind up with a dance in order to attract attention.

President Brunson does not agree with those who advocate all work and nothing but work. Rather he is insisting on a happy medium that will give to all our student activities the deserved support of every college man and woman.

"VASSAR PIE"

Give me a spoonful of ale, ma,
And the sodium alkali,
For I am going to make a pie, mama,
I'm going to make a pie.
Poor John will be hungry and tired, ma,
And his tummy will decompose,
So give me three grams of nitrogen,
With carbon and cellulose,
Now hand me the several fruit, ma,
And a lot of bonfire fat,
And pass me the sterilized water, ma,
And look at the thermometer.
And if the electricity even is cold,
Just turn it up a half oah.
For I must have proper ready, ma,
As soon as John comes home.

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And if the electricity even is cold,
Just turn it up a half oah.
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As soon as John comes home."
COMING in today and see those handsome and exclusive Spring woolens just received from Ed. V. Price & Co., largest tailors in the world of GOOD made-to-order clothes.

Get the Clothes Problem Off Your Mind Today by making early selection and specifying a delivery date that suits your own convenience. Cost, fit and style guaranteed to please you.

THE MEN'S SHOP
HAYNES-WHITE CO.
Next to Orpheum Theatre

City Transfer and Storage Co.
Office: Glenn's News Stand
Residence Phone 108-Y
Students' Trade Solicited
Carl Smith, Prop.

4 Chairs 4 Barbers
Motto for 1915
Beat W. S. C.
and get your work done at the MOSCOW BARBER SHOP- C. L. Jain, Proprietor.

Substantial and Delicacies—Go hand in hand here.

SUBSTANTIALS
Bread Rolls Pies
CAKES COOKIES JELLY ROLLS ANGEL FOOD

Bread is the staff of life.
Variety is the spice of life.

Empire Bakery
CARL L. SCHROETER, Prop.

Substantial and Delicacies—Go hand in hand here.

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THE UNIVERSITY ARGONAUT

A REVIEW OF IDAHO PUBLICATIONS AND RESEARCH DURING 1914

It is generally assumed that the University does not do a great deal in research work and publications. This is not due to lack of efficiency but rather this work is occupied in the enormous task of training a great university. It is not to be presumed from this, however, that Idaho does not do any research work, for only in the past year the Department of Agriculture, for example, has contributed liberally to the world of literature and science. In regards to this President Brannon stated, "There is no intention of developing research to the exclusion of teaching, but, on the contrary, it would be a distinct loss to scholarship to centralize on teaching to the exclusion of research."

In reviewing the works of the last year we find representations in many fields of education. Professor Edward M. Hulme of the Department of Botany, has recently published "The Renaissance," a marvelous addition to the world of history, which has claimed the admiration of some of our greatest critics. Professor Harold T. Lewis of the Department of Economics and Political Science, presented the results of his work in a book, "Rural Education."

Professor J. E. Woodside, of the Zoology Department, has come forth with "Spermatogenesis of the Horse with Special Reference to the Accessory Chromosomes and the Chromatoid Body," in the form of a bulletin. This is his second publication in his researches in problems dealing with the necessary chromosomes. His other publication dealt with the chromosome work of the pig and attracted the attention of national as well as international scientists. Dr. C. M. Shattuck of the Department of Forestry, after much experimenting has published, "Trees Recommended for Planting in Idaho."

Dr. M. A. Brannon has two prominent works, "The Baton Sea" which is published by 1903 of the Carnegie Institution and "Passionately," of the Botanical Gazette, Volume LVIII, No. 6.

Another incomplete bulletin, but written in two books which will come out, is "A History of the English Elegy," treating it as a literary type, and "The Novel and English Decadency from 1800 to 1900," a study of contemporary tendencies in politics and the novel.

Prof. H. E. Axell has written an article, "Men's Names in the Writings of Cicero," which will be published in one of the eastern journals of philosophy at some later date. A paper on this subject by Dr. O. Axell was read last spring at a meeting of one of the scientific societies in Idaho and received much favorable comment.

In the Agricultural Department we find a great deal of research and experiment work. The work of this department deals especially with problems existing in the state and are therefore of more local benefit. Prof. E. J. Judds recently published Extension Bulletin, No. 8. The Agricultural Chemistry Department has two bulletins practically complete that will make their appearance at an early date. "Investigations of the Protein Content of Idaho Growa Wheat" brings in the study of the influence of crop rotation, the influence of irrigation water, and the influence of cultivation. Professors R. S. Jones and C. W. Colver. This problem centered upon the fact that water in different localities. The other bulletin, now ready for the bulletin of a protein the object of which is to determine the predominant soil influences upon the information secured by the laboratory analysis, to suggest the kind of farming which gives promise of greatest success on these lands. Prof. H. P. Fishbourn has started a problem the object of which will be to determine the digestibility of common Idaho feeding stuffs. At present he is experimenting with sheep. Very little work has been done on this subject in the Northwest. In the Bacteriology Department Prof. J. J. Putnam is preparing a bulletin showing the results of all the experimental stations of Idaho in general and the cut and burned-over lands in particular. Very little of the biology of Idaho soils is known. The department is sending out cultures of bacteria to make possible the growth of leguminous crops. As the study of the bacterial flora of the soils progresses many valuable suggestions for improvement of the soils will be available.

The Department of Soils, under the direction of Professor Peterson, is making a particular study of "Sick Spots" of South Idaho soils, with the view of suggesting a practical means of getting rid of them. This department is also making a study of the "blue water" of different crops. The Horticultural Department reports two bulletins to be published in February, "Onion Culture," and "Three Years' Results with a Home Canning Outfit." Under Prof. E. Judds this department is also doing work in experimental apple breeding with its object to secure varieties particularly adaptable to Idaho conditions.

Study of adaptability of all grasses and grasses to Idaho's conditions is being pursued under Prof. N. R. Robb in the Agronomy Department. Prof. Iddings in the Animal Husbandry Department is making feeding experiment to find profitable feeding ration for sheep and hogs. In the Dairy Department experi-

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