
The Wyo
1912

The Wyo

Quarter Centennial Edition Volume 3

Published by the Junior Class
of the State University of
Wyoming in the Spring of
Nineteen Hundred Eleven

To Our Commandant,

Capt. Harol D. Coburn,

The Class of 1912

Respectfully Dedicates this Book

CAPTAIN COBURN.

CAPTAIN COBURN was born in West Virginia in 1873, came to Wyoming in 1891 and entered the University, from which he graduated in 1896, receiving the degree of B. Lit. Continuing his studies, he was granted an M. A. in 1897, and was, later in the same year, admitted to the bar of the state. At the outbreak of the Spanish-American War he was appointed 1st Lieut. in the Wyoming Volunteers and entered the regular service by examination one year later. He served as 2nd Lieut. in the 25th U. S. Inf. until July, 1901, when he was promoted to 1st Lieut. and transferred to the 8th Inf. He attended the Infantry and Cavalry School at Fort Leavenworth and was graduated therefrom in 1906. In 1908 he was detailed as commandant at the University of Wyoming, in which position he still serves. Just three months ago he took the examination for promotion to captaincy and passed very successfully.

Captain Coburn is a Wyoming man, and, more than that, a University of Wyoming man. When detailed here after several years of hard service in the Philippines, he was received by all, not as a newcomer, but as one who belonged to the place, and who should not be anywhere else. During his three years stay with us he has proven to be a "booster" in every respect, helping in all athletics, acting as coach and manager of the various teams before we had a regular coach, aiding and encouraging us in all student activities, financially, and in other ways.

He has won the respect, friendship and good will of every student here and it is with a keen sense of regret that we see him leave us.

PREFATORY

PERHAPS we should begin by addressing you as "Gentle Reader," according to the long-established custom of editorial writers and others who labor under the hallucination that "The pen is mightier than the sword." But, perhaps you are not gentle. Be that as it may, we hope that whatever gentleness you may possess will not be lessened to any considerable extent by the time you have reached the other end of this volume. If, perchance, we have overlooked you it is because of your insignificance, not your greatness.

In this edition of the WYO we have endeavored to present to you in readable form, various interesting phases of University life, from the viewpoint of both the student and the faculty.

We wish to extend our thanks to Coach Dean, Miss Foster, Miss Freeman, and Mr. Jefferis for their help in the matter of illustrations; to President Merica and others who have contributed written material; to Dr. Hebard for the loan of several photographs; to Miss Middlekauff for her kindly criticisms of our manuscripts, and to all others who by material aid or word of encouragement, helped the smallest class in the University to produce a WYO.

To those who have, by means of the grinds, achieved a greatness which otherwise would not be theirs, we extend our heartiest congratulations. To those who must waste their sweetness upon the desert air, living unnoticed, purposeless lives of humdrum mediocrity, we refer that appropriate little passage from Gray's "Elegy":

"Full many a flower is born to blush unseen."

THE EDITORS.

THE WYO STAFF

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COLLEGE SPIRIT.

BY PRES. CHAS. O. MERICA.

THERE are a few words and phrases that now and then come into rather general use that are used with indifferent meaning. Sometimes they are made to cover a multitude of vagaries. Sometimes they are used as explanation for all sorts of projects, having much force in the preparation, permanency or vitality of the project. Of these the title at the head of this article is one.

Ask anyone what an average college lacks and you are nearly sure to get the answer, "College spirit." Ask twenty-five people who use the expression somewhat thoughtlessly, what is college spirit and you will probably receive twenty-five answers. Now, there are some things that college spirit is not. College spirit does not necessarily consist of seeing what class can place its initial figures in the highest position upon the tower, or play the meanest and most trying trick upon the other classes. It does not consist of seeing what class or organization can invent the newest and freshest method of trouble making to everybody outside of the organization. It does not even consist of seeing what organization can secure for its members the largest number of offices in college elections, even though such elections are carried forward without any regard to methods employed. It does not consist of the discovery on the part of members of organizations of the highest type of ingenuity for perverting standards of conduct without crossing the lines of recognized decency.

Now, however, college spirit may sometimes result in a class writing its initial figures upon the tower of the building. It may result in most delicious types of practical jokes and in successful elections for its members. These things in themselves may not be condemned sweepingly. If a real, genuine wave of college spirit sweeps across the campus accomplishing the end that college spirit ought to accomplish perhaps few sane people would complain if in its wake it left some things topsy-turvy.

Perhaps college spirit ought not to be anything very much apart from the spirit of life. Since a college has an atmosphere of its own it may manifest itself in a college in a different aspect from that which it would take in a church. But it is more than likely that it ought to be much the same thing. The spirit of anything is intelligent enthusiasm for the content of the thing. It is belief in its efficiency and in its right to be. It has such insistent belief in these things that it becomes promulgation, progressive advertisement and attainment. Class spirit is confidence in the class, expressing itself. Fraternity spirit is fraternity satisfaction as to certainty of fraternity efficiency. College spirit is loyalty to college, and limitless willingness to make its attainment equal the vision of its possibilities. Community spirit is therefore the submersion of mere individual desire. It forgets itself in its joy in the community. If class, fraternty, or college spirit finds expression in attainment it finds it not in any individual satisfaction. In this kind of spirit the individual asks no pay. To be specific, athletic spirit is that kind of spirit that builds bleachers, cleans up the athletic grounds, plays the game and that, not always, at least at twenty cents an hour.

College spirit, being a community spirit, plays the game in social fairness. It fights and fights hard, but it uses fair weapons. It gives a shout of triumph, but does not quarrel. It knows its own rights, but also knows the rights of others.

Should this kind of spirit in college, class, fraternity, etc., find a home in an institution it would exalt the institution. It would cry "Excelsior" in the institution's name on all the highest places. It would push for the institution, up, and up, and up. Now should this kind of spirit thus find a home and thus perform, who would care if perchance it wrote its name high on the tower or swung its flag on the flag-staff, or made a community laugh at incongruous happenings to students or faculty, or even marched upon a Sunday morning.

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Timothy F. Burke, LL. B.	*Vice President*
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**Resigned.*

ALUMNI

THE ALUMNI ASSOCIATION.

FORMED MARCH 26, 1895.

Article 1, Section 1, Constitution: The object of this Association shall be the promotion of University interests and the affiliation of its graduates.

Officers of the Association for 1910-11 are:

President	S. Corlett Downey, '95
First Vice President	David Neil Sudduth, '00
Second Vice President	Harry Harriman Price, '10
Secretary	Harol D. Coburn, '96
Treasurer	Hilda D. Roach, '01
Secretary Scholarship Fund	Alice Holliday, '00

It might seem almost unnecessary to speak for the Alumni Association just now, as it will speak for itself next June. The big reunion of graduates during the commencement season of 1911 is planned as a way of celebrating the twenty-fifth anniversary of the founding of the University and the twentieth anniversary of the graduation of its first class. The University could have no more fitting celebration than this gathering of its children from all parts of the country. The first quarter of a century in the history of any institution is a very important period, and in this case *two* institutions are concerned. The Alumni Association has grown up with the college, sharing its periods of slow and rapid growth, its hours of prosperity and its moments of adversity. No one has had a better chance to learn the nature of loyalty than the graduate who has known his college for five or ten of fifteen years, or, like that first class, for twenty years.

But perhaps, after all, it is a mistake to speak of *two* institutions. The Alumni Association is part and parcel of the University, and their interests and ambitions are one and the same. It is this that has made Alumni Night so important a part of Commencement Week. The class of 1900 showed us, last year, what a class reunion can be; and it is the intention of the whole Association to make the 1911 rally the best affair in the history of the University, and, in the words of the college song, to sing our alma mater with the enthusiasm and devotion of loyal sons and daughters

Presidents of the University.

JOHN W. HOYT, M. D., LL. D.,
May 11, 1887-December 31, 1890.

ALBINUS A. JOHNSON, D. D.,
March 27, 1891-June 30, 1896.

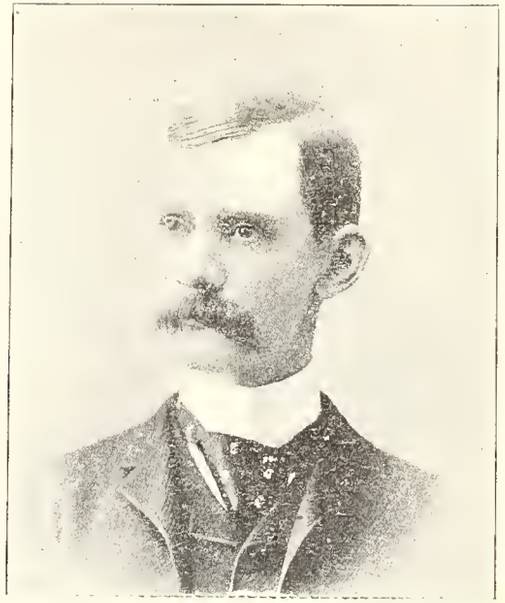
FRANK PIERREPONT GRAVES. Ph. D.
July 1, 1896-June 30, 1898.

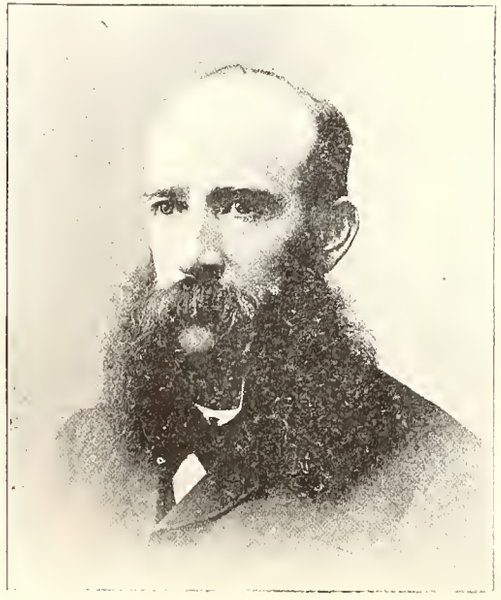
ELMER E. SMILEY, D. D.,
July 1, 1898-August 31, 1903.

CHARLES WILLARD LEWIS, D. D.,
September 7, 1903-June, 1904.

FREDERICK MUNROE TISDEL, Ph. D.
July 22, 1904-March 28, 1908.

CHARLES O. MERICA, LL. D.,
May 8, 1908—.





THE FIRST FACULTY.

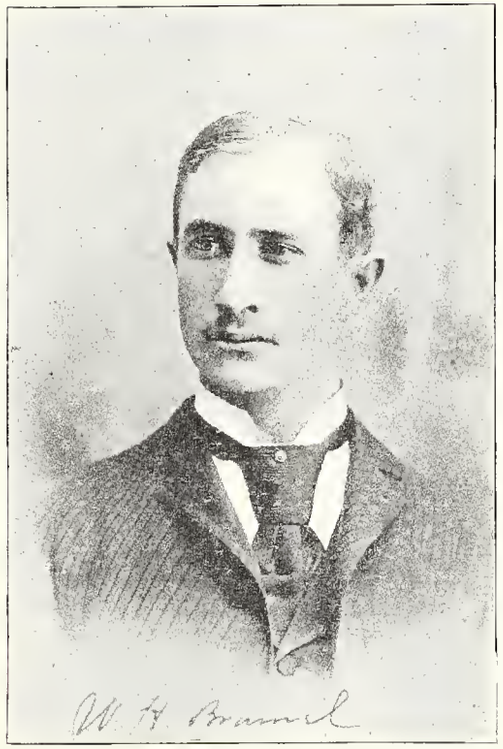
TOP ROW.

Miss Elizabeth Arnold,
Instructor in German and French.
Justus F. Soule,
Instructor in Greek and Latin.
W. I. Smith,
Prof. English and Literature.
A. M. Sawin,
Prof. Mathematics and Astronomy.

BOTTOM ROW.

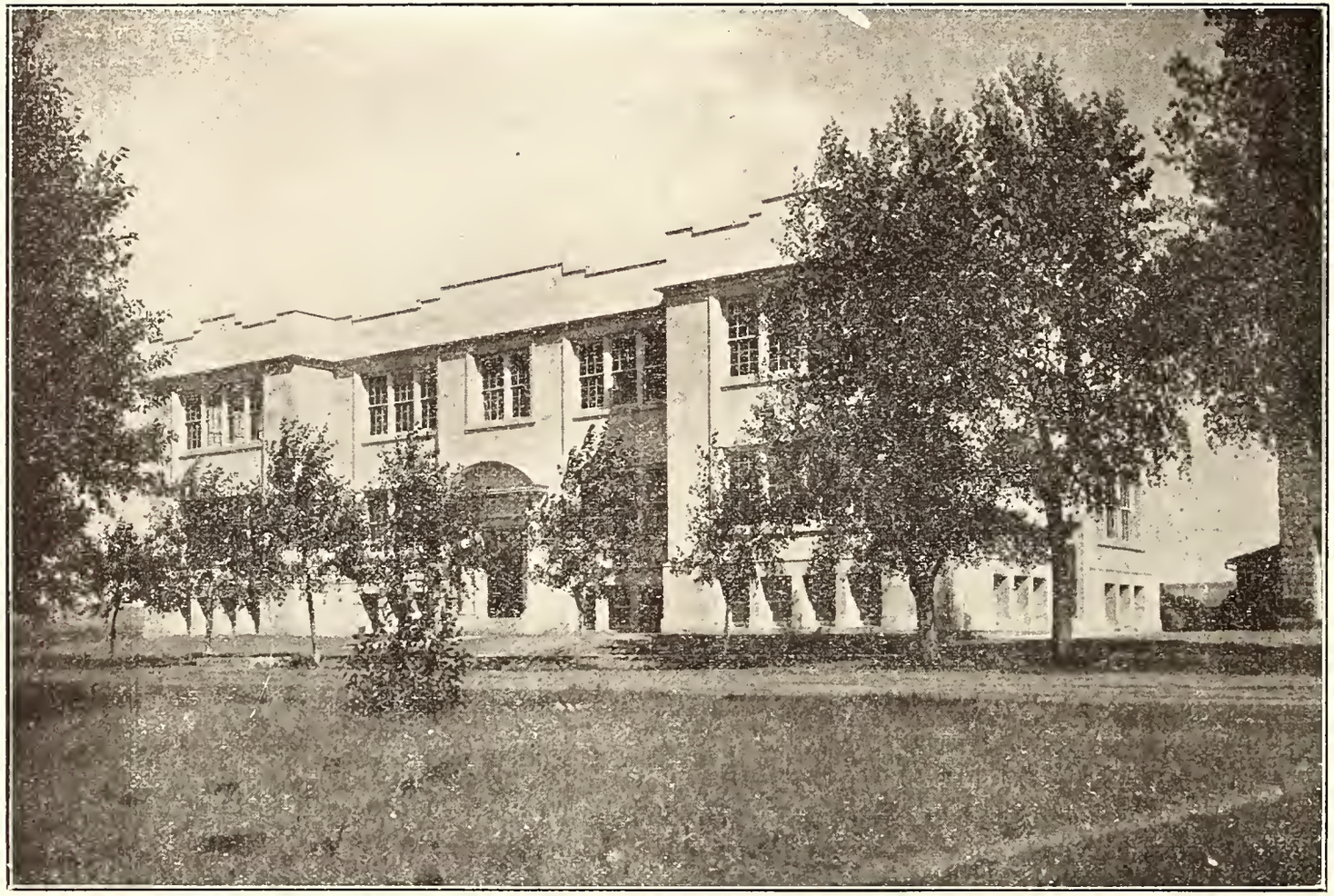
Aven Nelson,
Prof. Biological Sciences.
J. D. Conley,
Prof. Physical Science.
J. W. Hoyt,
President.

THE FIRST GRADUATING CLASS.

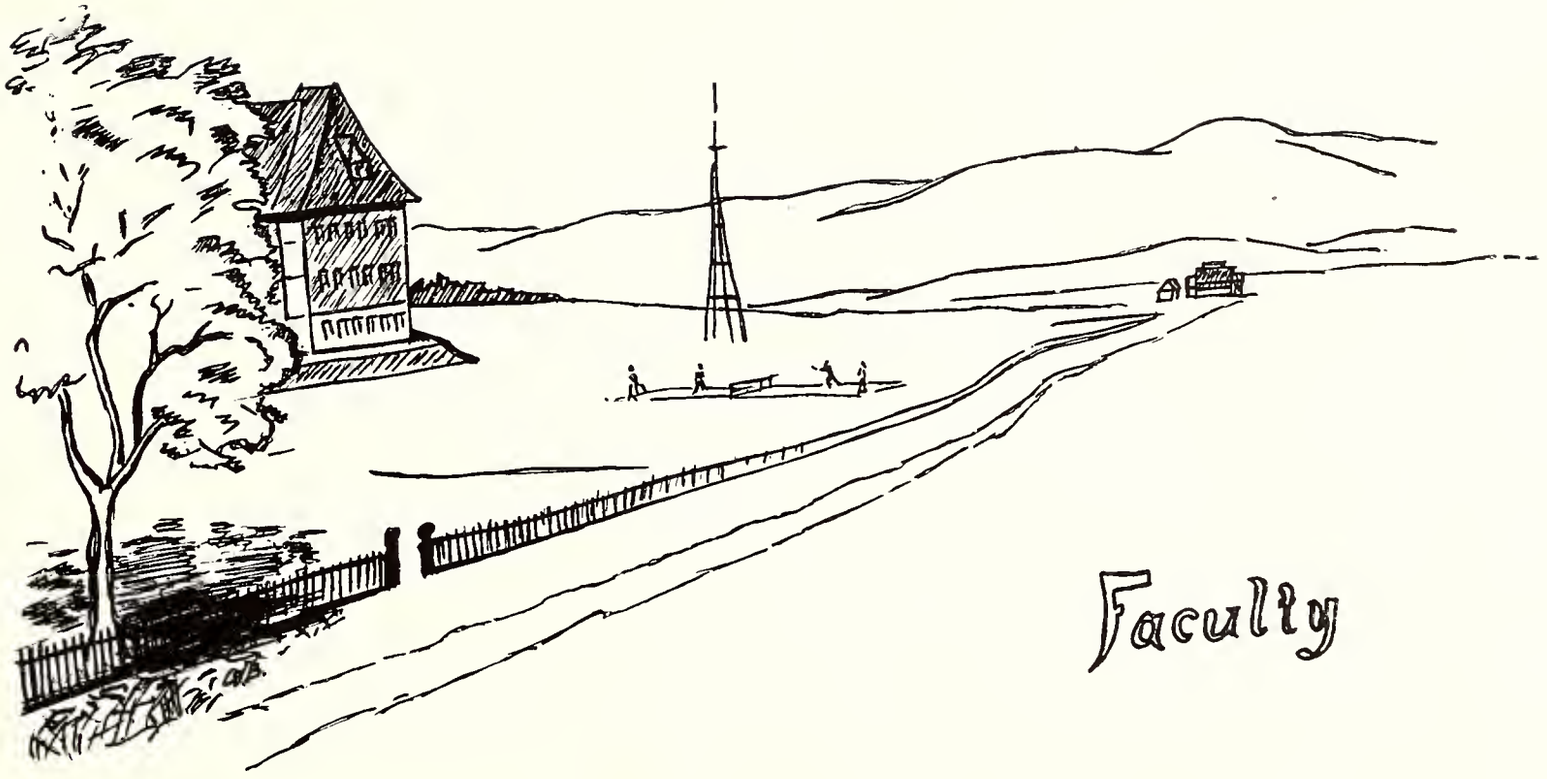


W. H. BRAMEL was born in Nebraska City, Neb., December 18, 1867. Early in 1869 his parents came to Laramie, and as soon as their son reached a suitable age they sent him to the public school. In 1886 he graduated from the high school with a creditable record. In September, 1887, Mr. Bramel entered the first Freshman class of the University. Throughout his course at the University he was compelled to meet his expenses from his own resources, and the University has watched with pride his successful career, and has called him back to deliver the Commencement address to this year's graduating class.

FRANK V. QUINN was born at Evanston, Wyo., January 14, 1870, being the first child born in that city. He received his primary and high school education in the public schools of his native town, graduating from the Evanston high school in 1886. He spent the next three years at the Northwestern University at Evanston, Ill. In the fall of 1889 Mr. Quinn entered the Junior class of the University of Wyoming, from which he graduated in 1891.



The New Normal Building.



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FACULTY.

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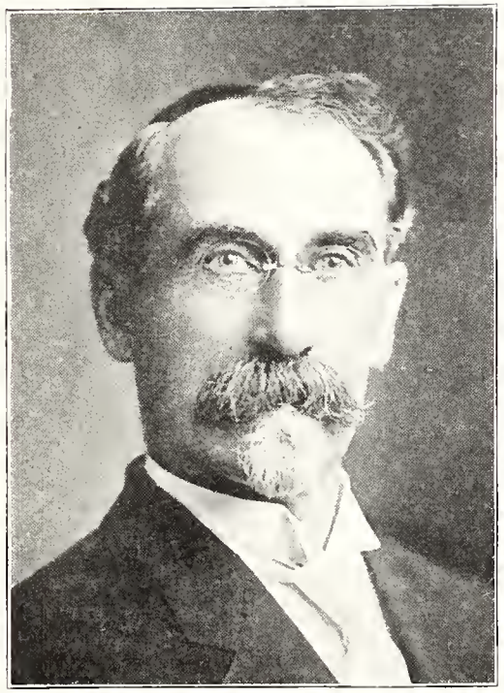
President and Professor of English.

JUSTUS FREELAND SOULE, M. A.,
Professor of Greek and Latin.



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Professor of Political Economy and Librarian.

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Supervisor of Music in the Training School.

MAUDE H. FLING,
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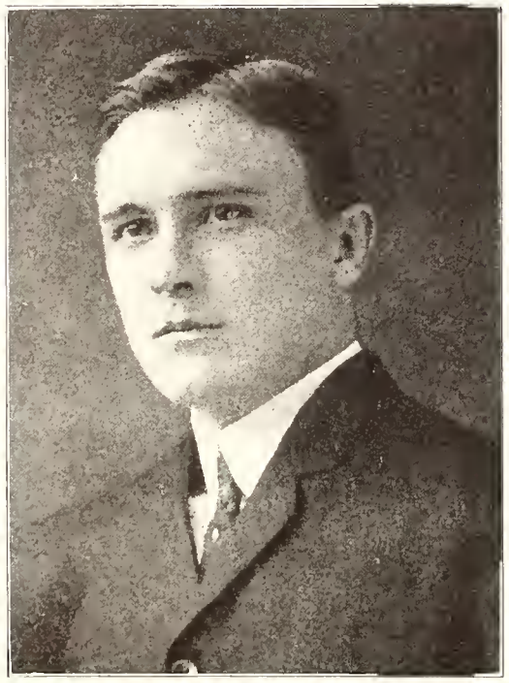
M. A., First Lieut. 8th Infantry, U. S. A.
Professor of Military Science and Tactics and Director of Physical Training.



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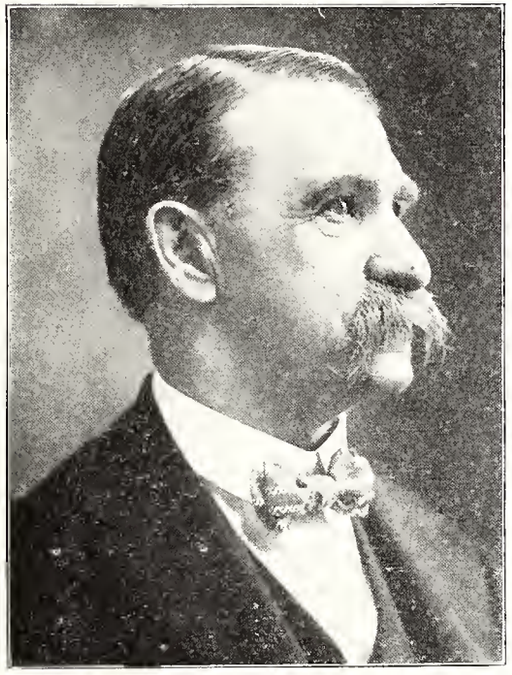
OTTO L. PRIEN,
M. D. V., B. S.,
Professor of Veterinary Science.



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Curator of the Museum and Instructor in Geology.

FRANK EDGAR HEPNER, M. S.,
Research Chemist.

JOHN A. HILL, *B. S.*,
Wool Expert, Associate Professor of Animal Husbandry.

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Assistant in Metallurgy,

HARRY H. HILL,
LAWRENCE A. GOINES,
CLIFFORD R. DICKINSON,
Assistants in Chemistry.

WILBURTA C. KNIGHT,
Assistant in Home Economics.

ROSS BROCKWAY MOUDY,
M. S.,
Assistant State Chemist.

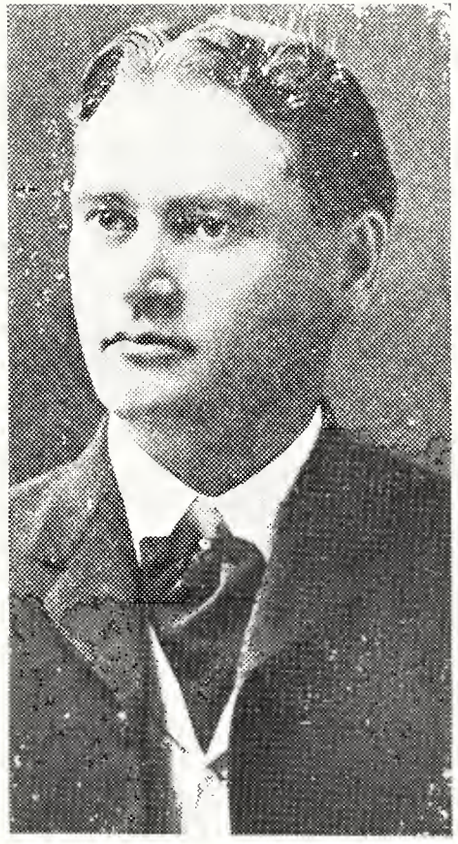
JOHN HUNTON,
Instructor upon Piano.

L. CHARLES RAIFORD,
A. M., Ph. D.,
Research Chemist.

FRED W. HEYL, Ph. D.,
Associate Professor of Chemistry.

THOMAS A. PARSONS, M. S.,
Professor of Agronomy.

EMMA HOWELL KNIGHT,
Adviser of Women.



JOHN R. HUTCHISON, LL. B.,
Principal of the College of Commerce and Professor of Commercial Studies.

JESSIE B. HUTCHISON,
Instructor in Stenography and Typewriting.

BENJAMIN H. GRAVE, Ph. D.,
Assistant Professor of Zoology and Geology.

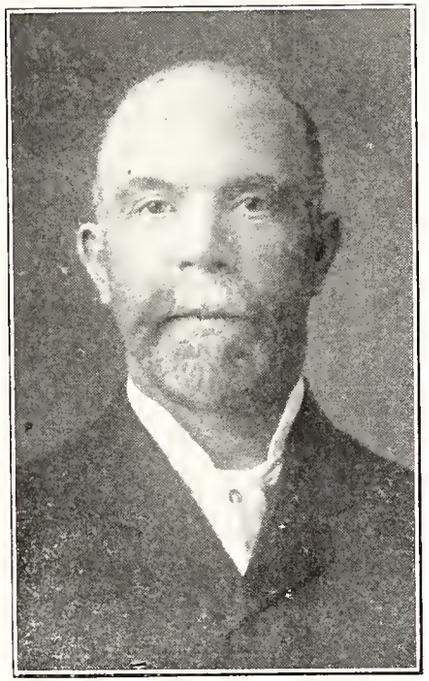
AMY ABBOT, A. B.,
Instructor in English

MAE MERLE KISSICK,
Instructor in Athletics for Women.

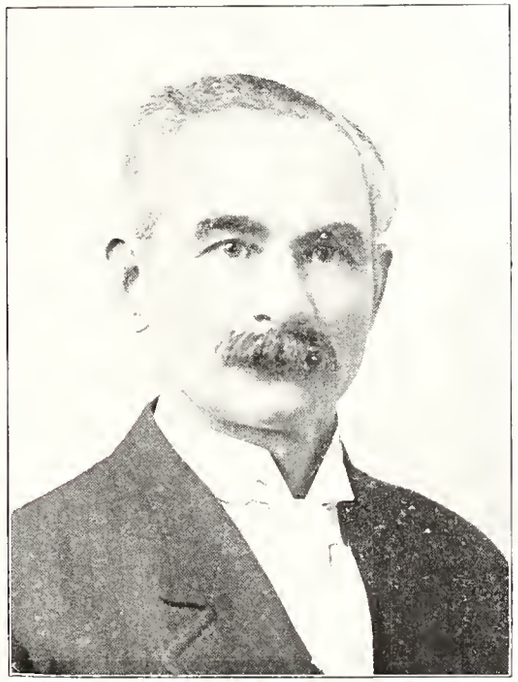
LAURA ELIZABETH BREISCH, B. A.,
Instructor in History.

RUTH ADSIT,
Supervisor of the Training School.

MABEL A. LAND DEKAY, B. A.,
Instructor in Dramatics and Expression.



JAMES MCLAY,
Superintendent Stock Farm.



ROBERT J. COWPER,
Instructor in Shop Work.

CHARLES J. OVIATT, M. S.,
Assistant Wool Expert and Instructor in Animal Husbandry.

LEROY DEY SWINGLE,
Ph. B., Ph. D.
Animal Parasitologist.

EVA MEEK,
Instructor in Vocal Music and Violin.

E. DEANE HUNTON,
Registrar and Secretary to the President.

HAROLD I. DEAN, B. A.,
Athletic Coach.

The Faculty.

In Memoriam.

MARGARET SOULE

Born August 19th, 1896,
Died March 16th, 1911.

Our tribute to a pure, lovable character,
who was a true friend to all who knew her.

SENIORS

JOHN DUNCAN CARR.....Carbon, Wyo.

(*"Johnny."*)

Sigma Beta Phi, '09.
Cadet Corporal, '08.
Cadet Color Sergeant, 09.
Cadet First Lieut., '10.
Treas. Sigma Beta Phi, '10.
Student Board, '11.
V. Pres. Sigma Beta Phi, '11.
"Dorm Pest."
Intermittent Fusser.

In the far-off wilds of Carbon, Wyo., this uncouth relic of savagery was thrust upon an unsuspecting world, on March 4, 1889. He entered the Prep. School in 1905 and two years later the School of Mines. Johnny is a real fusser, a Spoonoid. He is a member of the "John and John" Fussers' Union. Since joining this organization he affects stiff collars, and on one occasion was even known to have his trousers creased. If it were not for the influence of the fair (?) sex he would undoubtedly have been a roughneck. After graduation he will go to Columbia University and teach the tenderfeet how to punch cows. From there to the United States Senate, and then perhaps to the White House. (And then he'll wake up.)

JEAN MacGREGOR DOUGLAS.....Laramie, Wyo.

(*"Jean."*)

Mandolin Club, '08, '09, '10, '11.
Y. W. C. A Cabinet, '08, '09, '10, '11.
Alpha Omega.
Pi Beta Phi.
Wyo staff, '10.
Supposed to be "engaged."

During all her stay with us Jean's principal ambition has been to appear dignified. It has really been more than an ambition. It has become a mania. "So tall and stately, and they look so well together." But during the time she was not engaged—in looking dignified—she managed to keep herself fairly busy, as her record above will testify. Speaking about cases—but we promised not to say anything about cases in this book.

ESPER WAYNE FITZ.....Iowa City, Iowa

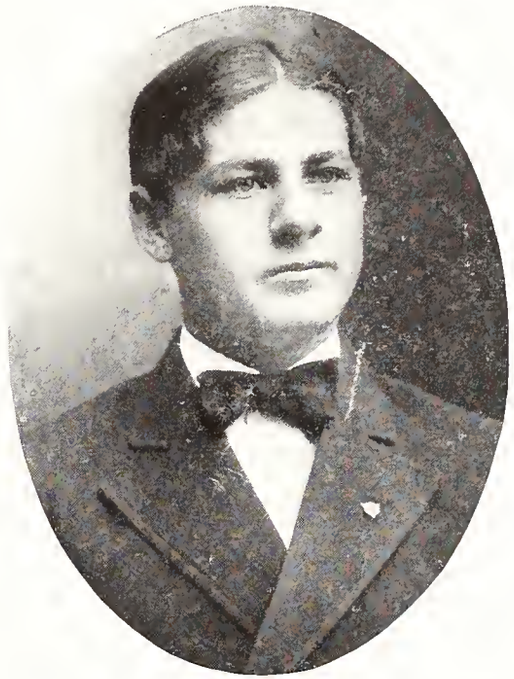
("Esper.")

Dorm Pest.
Delta Tau Delta.
Monomaniac on the subject of fussing.

The time and place of birth of Fitz, as of many other famous men, is unknown. In fact, no one ever knew he was born until he distinguished himself as a cigarette smoker in early childhood. He has represented the American Tobacco Company and other large tobacco interests at the Pan-American Exposition, the Alaska-Yukon-Pacific Exposition and other important fairs, giving exhibitions in fancy pill rolling. At present he receives a large salary from the manufacturers, for smoking Turkish Trophies. He has taken up pool and billiards as a pastime and has made good to a remarkable degree (see advertisement). Fitz had hoped for a long time to be the only man to graduate from a four-year course without receiving an office in the cadet corps, but the commandant got wise and made him a sergeant at the last minuts. He is such a shark at drill that it would have been a pity to have let him remain a private. Notwithstanding all this he is a good fellow, and we wish him well when he goes to Oxford next year. We are at a loss to know, however, what he will do without his affinity, Spencer, when he leaves here.

HARRY HARRISON HILL.....Carrolton, Ohio

("Heavy.")



Delta Theta Kappa, '07.
Class Pres., '08-'09.
Pres. Lincoln Debating Society, '08-'09.
Athletic Editor *Student*, '09-'10.
Student Assistant in Chemistry, '09-'10-'11.
Pres. Delta Theta Kappa, '09-'10.
Associate Editor WYO, '10.
Pres. Athletic Ass'n, '10.
Cadet Sergeant, '10.
Cadet 1st Lt. and Qm., '11.
Captain foot ball team, '10.
Football "W" '09-'10.

This homely creature first saw the light of day in Rushville, Neb., on June 21, 1888. So great was the sorrow of his parents that they soon moved to Carrolton, Ohio. Here the youthful Heavy distinguished himself by graduating from the high school. In 1907 his folks sent him out here to Wyoming in hopes that the high altitude might kill him. But no such good luck for them. Instead, he seemed to thrive and it can be said to his credit that he has now reached a state of partial civilization. It was here, by the way, that he received the name "Heavy," though no one seems to know the reason. His principal pastimes are organizing keg parties and writing twelve-page letters to his affinity back in Ohio. After graduation he intends to write a book, entitled "How to Play Foot Ball and Base Ball," with a supplement on "Organic Chemistry."

EDWARD DEANE HUNTON..... Wheatland, Wyo.

("Deane.")

Basketball team, '07-'08-'09-'10.
Football team, '07-'08-'09.
Cadet captain, '09.
Cadet 1st Lieut., '08.
Glee Club, '10-'11.
Sec. Athletic Ass'n, '10.
Pres. Athletic Ass'n, '11.
Pres. Sigma Beta Phi, '11.
Pres. Senior Class, '11.
"Dorm Pest."
Fusser.
Basketball "W."

Why is July 4 a holiday? Because on that date, in the year 1885, Deane Hunton first favored the world with his presence. The great event occurred in Madison, Va. Barnum & Bailey sent their freak collector down there as soon as the news became known, but too late, for his folks escaped with him to Wyoming, and thus it happens that we are able to look at this wonderful specimen free of charge. His very early childhood was spent in the country schools near Wheatland, where we suppose he indulged in the same sort of deviltry as the ordinary little brats of his age. Shortly after the University was founded he was sent here in order to lend patronage and distinction to the place. Since then he has managed to get into almost everything that has happened, and also to graduate from the Prep. School, and by the oversight of the faculty will graduate from the School of Mines this year. Last year Deane was shorthand instructor in the Commercial School and this year he has been private secretary to Prexy and Registrar of the University. Next year he may be President. Who knows?

JOHN McKINLEY JONES.....Mandel, Wyo.

("Chauncey.")

Delta Theta Kappa, Vice Pres., '11.
B. S. in Mech. Eng., Univ. of Wyo., '07.
Cadet Captain, '07.
V. Pres. Athletic Ass'n, '11.
Pres. Agricultural Society, '11.
Ass't Chief Clerk of Senate, 10th Legislature.
Won medal for being best-drilled cadet, '06.
Won medal in company competitive drill, '07.
Football "W", '09-'10.
Dorm Pest.
Systematic fusser.

Chauncey combines a peculiar woodenness all his own with an assertive self-assurance that has made his presence felt in many an assemblage. Prone to argue on every conceivable occasion, he has made himself feared in every department. With him the University has become a habit. He entered almost as early in the history of the University as did the venerable Deane H., and has attended intermittantly ever since. First he graduated from the Prep. School, then took a B. S. in Engineering; this year he gets a B. S. in Agriculture, and it is rumored that a certain Dorm girl has persuaded him to come back next year and take a B. S. in Home Economics. We suggest that he take just one more B. S. and then start out selling life insurance.

MAE MERLE KISSICK.....Laramie, Wyo.

("Merle.")

Pres. Student Board of Managers, '08- '09.
Secretary Student Board of Managers, '07-'08.
Girls' Mandolin Club, '07-'08-'09-'10.
Editor-in-Chief 1910 WYO.
Y. W. C. A. Cabinet, '07-'08-'09-'10.
Member Alpha Omega, '07-'08-'09.
Pi Beta Phi, '10-'11.
Manager Glee and Mandolin Club, '10-'11.
Assistant Instructor in English, '09.
Athletic Instructor for Women, '10-'11.

It was on May 25, 1891, that Merle first graced this mundane sphere with her presence. Her first appearance was in Denver, but by the time she had attained the mature age of ten years her better judgment led her away from the whirl of the great city and she took up her abode here in Laramie. Very shortly afterward she entered the Preparatory School, from which she graduated in 1907. Since entering the college department proper Merle has been a firm advocate of the principle, "Maximum amount accomplished with minimum expenditure of labor," but yet, withal, as the foregoing pedigree will show, she has managed to get into almost everything one girl could get into. After graduating she will take up the banner of the suffragettes—and then, look cut.

EMMA HOWELL KNIGHT.....Laramie, Wyo.

Mrs. Knight has a distinction enjoyed by few women, namely, that of graduating from college in the same class with her daughter. She did most of her college work at the University of Nebraska, but preferred to take her degree from the University of her native state. Mrs. Knight is the widow of the late Prof. Wilbur C. Knight, and has been for the last seven years Superintendent of Schools of Albany County. In addition to this position she recently accepted that of Dean of Women here at the University. While she has held the latter office only a short time, still she has found a lasting place in the hearts of all the Dorm girls. Yes, more than that—she has even routed the old idea that the dean of women should be the natural enemy of every male student. Now that's going some. We wish her all kinds of success.

WILBURTA ANNA KNIGHT.....Laramie, Wyo.

("*Billy.*")

Alpha Omega, '07.
Girls' Glee and Mandolin Club, '08-'11.
Student Board, '10.
Debating Club, 09.
Pres. of the Junior Class, '10.
Student at University of Nebraska, '07.
Instructor in Dietetics, St. John's Hospital, Cheyenne.
Instructor in Dietetics, Fort Collins Hospital, Fort Collins, Colo.
Ass't in H. E. Department, U. of W.
Secertary and Treasurer of Y. W. C. A., '08-'09.
Pi Beta Phi, V. Pres., '10.

This estimable young lady was born—probably we had not better say when,—but it was since the Civil War. She has honored Wyoming by dwelling within its borders most of her life, and received her early training in the Laramie public schools. She receives a B. A. degree in Home Economics this spring and will go East next year to continue her studies in the scientific methods of poisoning. Of late she has developed a wonderful voice, which is the nearest thing to perpetual motion that has ever come under our observation. Wherever she goes sweet vocalisms may be heard resounding through the corridors and echoing up the stairways to cheer the heavy heart of some student laboring under a math. quizz or a Latin recitation. Some day some poor man will be lulled into a state of unconsciousness and then fed a bait of her "Domestic Science" grub from which he will never recover.

THERESA LORAIN LANGHELDT.....Laramie, Wyo.

("*Tess.*") ("*Ted.*")

Mandolin Club, '08-'10-'11.
Pres. Class in Freshman year.
Student Board, '11.
Alpha Omega.
Pi Beta Phi.
Secretary and Treasurer Senior Class.
Literary Editor 1911 WYO.
Y. W. C. A.

Now why Tess wasn't eight feet high and four feet thick nobody can hazard a guess. The mental forces developed by her, divided by her rather infinitesimal cross section develop unit stresses that only high-class material could withstand. Her specialty is languages. Why, she can carry on a conversation in German, write a letter in Spanish, think in English, and read a French novel all at the same time. And her sub-conscious intellect will be preparing a lesson in baby talk for the infant class in the training school. Now if she was as big as Sutphin, with her own brain developed in proportion—Gee! she'd know as much as Pitz.

EDTH GRACE MILLER.....Laramie, Wyo.

("*Pudgy.*")

Alpha Omega.
Pi Beta Phi.
Glee and Mandolin Club, '07-'08-'09-'10-'11.
Gold medal, first prize for excellence in gymnasium drill, '06.
"Engaged."

Here is one of the important personages of the class. In all her stay with us she has performed the extremely useful function of keeping the bottom of the class from falling out. We take this to be true, because of the fact that when THE WYO reporter approached her for an interview, she said, "Oh, there's nothing to say about me; I'm the dumbest one in the class. Honest, I am. I never did anything worthy of mention, and I don't like my middle name, so you needn't bother to put that in. Oh, yes, I'm engaged. You can put that in if you want to." We took her at her word. However all that may be, we are in a position to know that she has always been very respectful toward her professors—at times almost indulgent—and has told them as much of her subject as she thought necessary for them to know. On the few occasions when they have pressed the matter to the point of impertinence, she has politely, but firmly, refused to go into the matter more deeply.

KANTARO OKUDA.....Bingo, Japan

On August 1, 1877, the stork, bearing the emblem of the rising sun under one wing, deposited a tiny, squalling, red bundle at Bingo, Japan. This little package was Kantaro Okuda. We suppose that his early childhood was passed in the usual manner, namely, eating, and playing and sleeping, and eating some more. He must have quit these infantile pastimes at a very early age, however, and gotten down to business. Okuda is a graduate of the Meiji High School of Tokio, the Normal School of Hiroshima, Forth Koto-Gakko (whatever that means), and was for several years a student at the Imperial University of Tokio. He has been a resident of Wyoming for five years. Last year he decided that a few letters after his name would not look bad, so entered here and will this year receive both a B. A. and M. A.

OSCAR EDWARD PRESTEGARD, J. P.....Groton, S. Dak.

("Presty.") ("J. P.")

Secretary Athletic Assn., '10-'11.
Manager 1911 "WYO".
Delta Theta Kappa.
Atheltic Editor *Student*, '11.
Assistant in Metallurgy, '11.
Glee Club, '10-'11.
Idler's Dramatic Club.
Vice Pres. Senior Class.
Cadet First Serg., '11.
Spasmodic Fusser.
Captain Basketball team, '11.
Basketball "W", '10-'11.

On St. Valentine's Day, 1887, the stork must have been humorously inclined, for it was then that he deposited Oscar Prestegard, J. P., the human toothpick, in this vale of tears. Groton, S. Dak., was the place. (Such a thing would never have been permitted in the United States.) It was not until 1907, however, that Presty decided to come over and get civilized. And now look at him—a shining example of what might be accomplished with ony one having the misfortune of being born in a foreign land, that is, of course, if you catch them young enough. Since becoming naturalized he has attained marvelous fame as an actor. When his name is mentioned, John Drew, Forbes Robertson, E. H. Sothern and others of that class hang their heads in shame. There has not been a single amateur play produced in Laramie in the last three years in which he has not taken part. Being an actor, he is naturally inordinately vain. The cut reproduced herewith is the truest result of eighteen sittings, the combined efforts of the photographer and Presty. That he has well learned American methods of business is evinced by the fact that as business manager of last year's WYO he made close on to three million dollars.

SPENCER WESLEY SYMONS.....Laramie, Wyo.

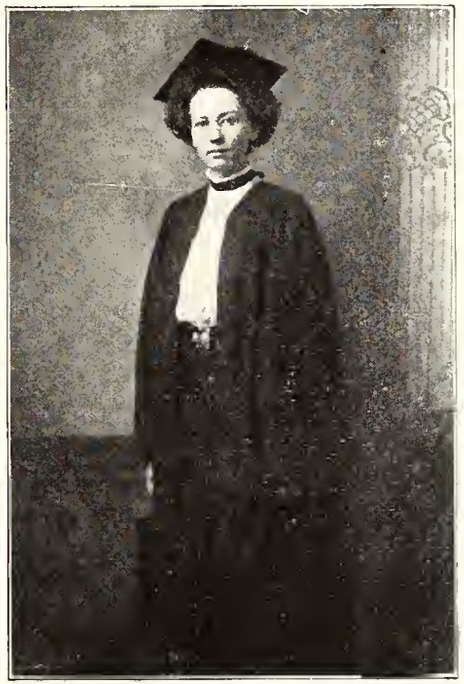
("Simp.")

Treas. Delta Theta Kappa, '09-'10.
Student Board of Managers, '09-'10.
Cadet Sergeant, '08-'09.
Cadet Captain, '09-'10.
"WYO" Staff, '10.
Lincoln Debating Society.
University Orchestra.
Erratic Fusser.

Though most of our great men launched their little boats upon the restless, worldly sea in 1809, Simp didn't turn his canoe adrift until 1889. It wasn't a good year for ducks, but his boat is still afloat and doing well. Spencer's principal ambition has been to behave like the rest of the girls and to make sherbet. He is a persistent, and at times senseless, talker, but expects to overcome this by becoming a lawyer. His cases up to the present time have never come to trial.

KATHERINE ELIZABETH TAYLOR.....Sherman, Wyo.

("Katy.")



Class President, '09.
Scientific Editor *Student*, '06.
Class Secy.-Treas., '08.
Vice President Girls' Debating Club, '09.
Intercollegiate Editor *Student*, '09.
Calendar Editor '11 WYO.
B. S. in Agriculture, '10.

Miss Taylor graduated with the class of '10, taking a B. S. degree in Agriculture, and specializing in wool, but on looking through the front of a dictionary she saw that quotation from Noah Webster, "Knowledge is power." Immediately she decided to come back and acquire more knowledge. Wisely she chose, for she is tall, dignified, and intellectual, and well able to bear an additional degree without suffering from a swelling of the cranium, which is more than can be said of most Seniors.

MARY BEN WILSON.....Laramie, Wyo.

("Mary Ben.")

Alpha Omega .
Pi Beta Phi.
Glee and Mandolin Club, '08-'09-'10-'11.
Society Editor *Student*, '11.
Y. W. C. A. Cabinet, '09-'10.

There are seven important things to be said in connection with Mary Ben. The first is, she is a conversationalist of the first water. The other six don't count. As an "A No. 1" example of a rapid-fire conversationalist, she is the candy kid and no mistake. The slide rule shark of the *Student* staff has stated as a conservative estimate that if she had read all the books that Pitz has read, and knew all the big words that Wolfard uses, she could make Trace Foster look like the price of two tickets to the Lyric.

The Dormitory.

JUNIORS

MARY ETHEL BIDDICK.
Zeta Xi.
Girls' Mandolin Club.
Secretary and Treasurer of Freshman Class, '08-'09.
Vice President of Sophomore, '09-'10.
Treasurer of Zeta Xi, '10-'11.
"I care for nobody, no, not I,
If nobody cares for me."

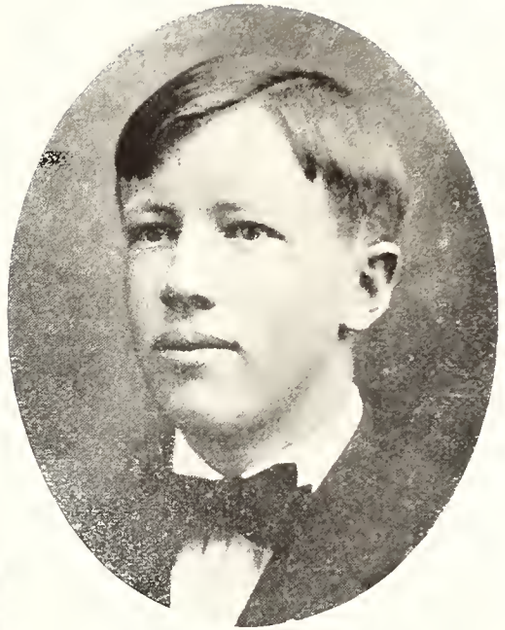
CLOYD A. CRONE.
("Tubby.") ("Southpaw.")
Sergeant.
First Sergeant.
First Lieutenant.
Vice President of Freshman Class, '09.
Department Editor of Annual.
"Oh, that this too, too solid flesh would melt."

S. CLIFFORD DICKINSON.
("Cotton.") ("Swede.")
Delta Theta Kappa.
Sergeant.
Batallion Sergeant Major.
Business Manager of Annual.
Football Manager 1911.
Oh,———!!!!

SAMUEL MORTON FULLER.
Delta Theta Kappa.
Sergeant.
1910 Basketball Manager.
1911 Basketball Manager.
Football Captain 1911.
Football team, '09-'10.
Mgr. *Student*, '10-'11.
Pres. Athletic Association, 1911-12.
"Gimme that jigger."

LAURENCE ARCHIBALD GOINES.
("Curley.") ("Pawnee.")
Glee Club, '09.
Lincoln Debating Society, '09.
Athletic Editor *Student*, '08-'09.
Student Board, '09-'10.
"Smiles" Editor, '10-'11.
Corporal, Sergeant, First Sergeant, Sergeant-Major, Adjutant.
Idler's Dramatic Club.
Manager Football Team, '10.
Editor-in-Chief Annual.
Cheer Leader '09 Football Season.
"Well, what the —— do you want?"

WILBUR ARTHUR HITCHCOCK...
("Shover.")
Delta Theta Kappa.
Debating Society.
Bugler.
Orchestra.
Manager of Basketball, 1912.
"Wait a minute and I'll check it on my slide rule."



CHARLES ARTHUR JONES.
("Chuck.")
Delta Theta Kappa.
Prep. Football and Basketball Team, '09-'10.
Basketball Team, '11.
Glee Club, '09-'11.
Captain Company B, 1911.
Treasurer Athletic Association, 1910.
Vice President-elect of Athletic Association for '11-'12.
Athletic Editor of Annual.
"—?.— — — —*;()!!!"

JESSE MEANDER MANN.
Phi Gamma Delta.
Blowpipe.
"Botany shark."

EUGENE P. WILLSON.
("Gene.") ("Tombstone.")
Department Editor of Annual.
Corporal.
First Sergeant.
"Speech is silver, silence is gold."

LEE ARTHUR WOLFARD.
("Dr.") ("Prof.")
Male Glee Club.
Debating Team.
Professional extemporaneous speaker.

DOROTHY WORTHINGTON.
Alpha Omega.
Pi Beta Phi.
Secretary Normal Closs, '08-'09.
Mandolin Club, '08-'09.
Society Editor of Annual.
"Of all thy parts, thy eyes express
The sweetest kind of bashfulness."

NORMAL SENIORS

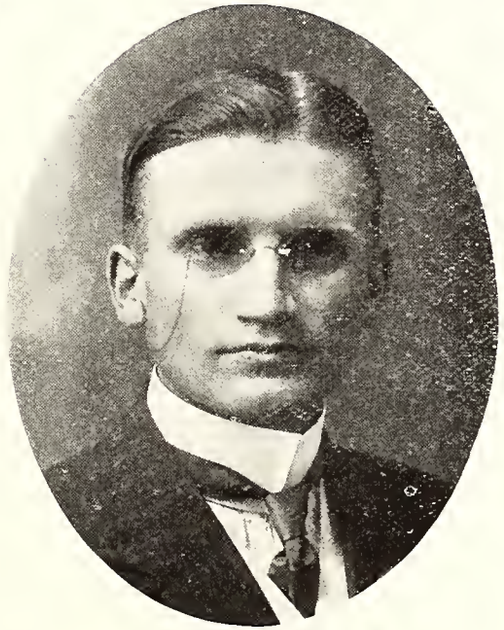
Miriam Doyle.

Rosalie Goodrich.

Pearl Goodrich.

Lella Hunter.

Mary Bury.



Lee A. Wolfard.

Irene Spalding.

Marion Roberts.

THE NORMAL SCHOOL AND ITS PURPOSE.

BY J. O. CREAGER, PRINCIPAL NORMAL SCHOOL.

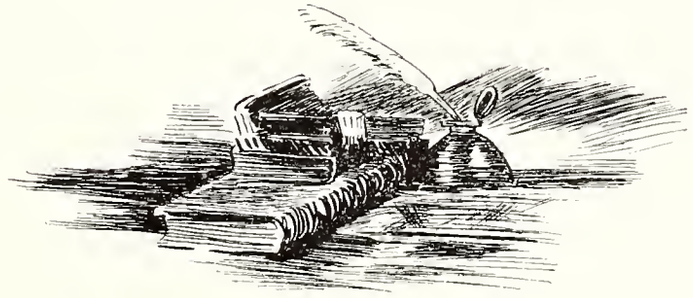
LO! HE is now become a pedagogue," was the remark once made of a Greek slave who had fallen from a building, broken a limb and thus disabled himself for active labor. The ancient standing of the educator is herein depicted, and progress has been slow to ameliorate his professional rating. The Normal School of the University of Wyoming sets before itself a task comparatively modern when it undertakes to train teachers. For the conception that teachers need training is not older, historically, than the day before yesterday. Professional—shall we say vocational—training began, indeed, with the middle ages. But it selected for its favorites a few rare and radiant specimens. First the minister,—and Latin and Greek were the vocational subjects especially able to produce good divines. Then the universities of Europe opened departments in medicine, and professional training was vouchsafed for the physician. Next came the lawyers, and departments of law for his training were added to these early universities. But the pedagogue waited a long, long day to come into his inheritance, nor has he come fully to it yet. True, indeed, that normal schools in America date back to the days of Horace Mann in Massachusetts. But normal schools were then founded and have largely existed since as schools for the training of elementary teachers only. We are just coming to look forward to the training of secondary teachers in this country. And in this the University of Wyoming has ambition to be one of the leaders. For she is planning to provide opportunities for the education of high school teachers.

A word as to the policy of the University in the whole matter of training for teaching. It plants itself squarely upon the philosophy that teaching is the noblest of professions, but the sorriest of trades. For there is a conception before the public, and it has come largely from normal schools themselves, that teaching is a trade of many tricks; that the school is simply a very cunning, subtle piece of machinery; that the business of the prospective teacher is to learn all the tricks, and become adept in the manipulation of the machinery. Such a conception contains a measure of truth, but it puts the emphasis wholly in the wrong place. We can not liken the art of teaching which deals with spirit to the mechanic arts which deal with matter. The teacher is more nearly an artist than an artisan. He teaches more by his life than by his methods. "First of all, let him be a man," said William Henry Venable, of his schoolmaster, years ago, and we should not forget his words. The chief function of the teacher will ever be to train for citizenship, and the man rather than his methods is the potent factor in this. After all, we care little for anyone's methods provided he gets the thing done, and done right.

Nor does the normal school take large stock in that subtle distinction that has been made between professional and academic features of the training of teachers. It is professional for the teacher to know the child; but it is equally professional for him to know the subject matter of the branches he proposes to teach. The medical school as a professional school teaches not merely the use of drugs, but their nature. The military school teaches not only the principles of war with an occasional sham battle or dress parade; it requires a rigid course in mathematical and scientific branches. And so we believe that the normal school should emphasize scholarship as well as method; that our teachers should go from us trained in their subjects first of all and then in the intelligent presentation of these subjects. "Instruction

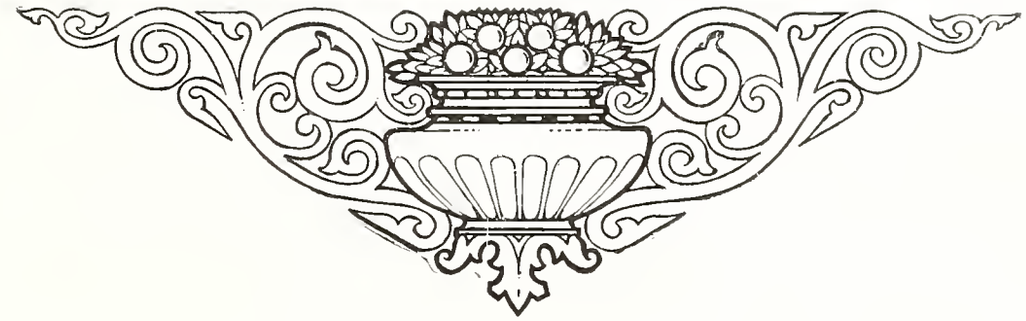
should aim at intellectual emancipation," says Macaulay, and Carlyle's statement that a teacher should be a live coal, rather than a dead cinder is much to the same effect.

The Normal School of the University offers to teachers and prospective teachers exceptional opportunities. The difference between a State Normal School connected with a University and one standing alone, not so organized, is not clear to all young people seeking normal training. The obvious weakness of the State Normal School as a separate institution, in America, has been that it had its limitations. As a type of institution it confined its work almost exclusively to the training of elementary teachers. Its faculty was small and its equipment very meager. Its courses, too, were largely devoted to method and a liberal education must be sought elsewhere. Now a normal school organized in conjunction with a university easily overcomes these limitations. For the student coming to the normal for his training has at his hand's reach large and liberal opportunities in the various studies of the many departments of the University. He has the privilege, too, of working for his A. B. degree while at the same time preparing for his work as a teacher—a privilege denied most state normal students by the nature of the state laws, withholding from such schools the right to grant degrees. We believe that when the teachers and prospective teachers of Wyoming fully realize the superior advantages here suggested, they will make their own Normal School their objective point and be happy in the thought of that Latin sentence which stands written in the foundation rock of the main building of the Wyoming University, "domi habuit unde disceret."



The Three Secretaries—Agriculture, Treasury, State.

SOPHOMORES



CLASS OF 1913.

COLORS—*Azure and Gold.*

MOTTO—*En Avant!*

OFFICERS.

Agnes Wright ..... *President*
Elvin Sederlin ..... *Vice President*
Mildred Hicks ..... *Secretary-Treasurer*

CLASS ROLL.

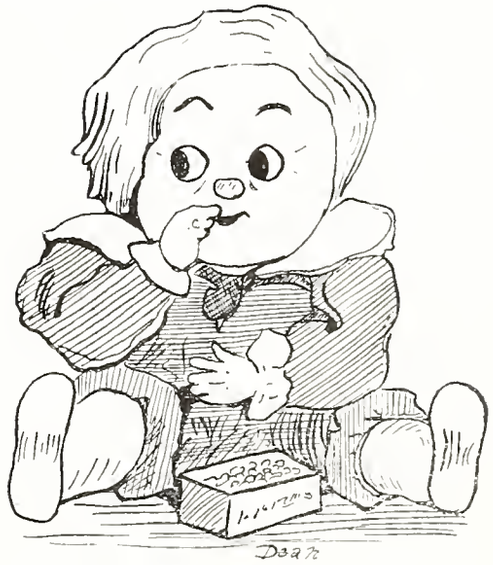
Bancroft, Ross, Bozeman, Mont.
Cook, Lewis, Laramie
Crone, Carrie, Walcott
Grant, Sumner, Laramie
Greenbaum, Ruth, Laramie
Goodrich, Rosalie, Wheatland
Goodrich, Fearl, Wheatland
Goodrich, Ward, Wheatland
Hicks, Mildred, Rawlins
Hollenback, Vera, Laramie
Hunter, Lella, Downington
Lundgren, Emily, Laramie
McGrath, Ethel, Thermopolis
Mullison, John, Saratoga
Nelson, Helen, Laramie
Peryam, Thomas, Encampment
Pitz, Armine, Manitowoc, Wis.
Price, Wesley, Casper
Rowland, Verner, Sheridan
Sederlin, Elvin, Elk Mountain
Sutphin, Storrs, Laramie
Wilson, James, Laramie
Wright, Agnes, Filmore

'13.

ALTHOUGH we labor under the ominous sounding name of 1913, by no means do we feel ourselves "hoodooes"; 13 is our lucky number, the 13th day of each month is our lucky day, and even our name, "The Sophomores," contains 13 letters. We realize that we are an unusually brilliant class, but we modestly attribute our genius to the 13. Since our complete recovery from the close shave we had with last year's Sophomores, we have been trying to uphold the title of Sophomore with the greatest possible dignity; for we must set an example for those verdent young people called "Freshies." Just a word or two about our distinguished members:

Bancroft, Rowland, Pitz, Price, Goodrich, Grant and Sutphin have been offered places on the National League football and basketball teams. Pitz expects soon also to assume the duties of editor-in-chief of the Denver *Post*. In writing essays on the Overland Trail, Agnes Wright far surpasses even Parkman. The musical ability of Miss Crone beyond doubt is equal to that of Paderewski; while Vera Hollenback, the rival of Melba, will win for herself everlasting renown and glory in the world of song. Ward Goodrich will soon attain his millions from farming, for which he shows an exceptional ability. Ruth Greenbaum has the honor of capturing a Faculty member by her golden curls (?). Ethel McGrath, we are sorry to say, is the only future old maid of the class (?). Pearl and Rosalie Goodrich claim the honor of being the only twins in the University. Although Lewis Cook, like many others, had to start in as a private, his faithfulness in coming to drill will win for him the position of commandant of West Point. Emily Lundgren, the shortest member of the class, is prepared to take a small and select class in shorthand. The world of art has been revolutionized by the wonderful photography of Mr. Mullison. Helen Nelson has become old beyond her years by bearing the tremendous weight of Sophomore dignity upon her young shoulders. In Thomas Feryam, the Father of His Country, we see a second George Washington; while Sederlin, otherwise known as "Seedy," will make a name for himself in athletics. Mildred Hicks and Lella Hunter will soon be prepared to take a class in "flirtology" in any or all of the foreign languages. And last, do not fail to see Mr. Jimmie Wilson next year in New York in his production of "Hamlet." Make way for 1913.

FRESHMEN



CLASS OF 1914.

COLORS—*Purple and White.*

OFFICERS.

Samuel Howell Knight ..... *President*
Thayer Burgess ..... *Vice President*
John E. Anderson ..... *Secretary-Treasurer*

CLASS ROLL.

George Abbot
E. Jane Aber
John E. Anderson
Margaret Arnold
Edward O. Barber
Edith Blue
Clara Bowman
Grace Boyle
Lena Brooks
Cornelius G. Burgess
Thayer Burgess
Loretto S. Butler
Beth Cary
Irene Chalice
Gladys Corthell
Bess Cremer
Alice Downey
Sidney E. Dudley
Tessa Dunn
Agnes Anna Ernest
Marie Freeman
William C. Fedderson
Trace Foster
Charles W. Hoadley
Edith Hynds
Gilbert Irish
Mary Jones
Ray A. Keirle
Samuel Howell Knight
J. Francis McBride
Anna Diack Nicoll
Oakley D. Overton
John C. Peryam
Charles H. Rathburn
Elsie Rogers
Maude Skinner
Frank W. Spafford
Lucy Mays Taylor
Gerold C. E. Wichmann
Joseph L. Whitman
Alfred R. Williams
Lucille Wright


Fourteen

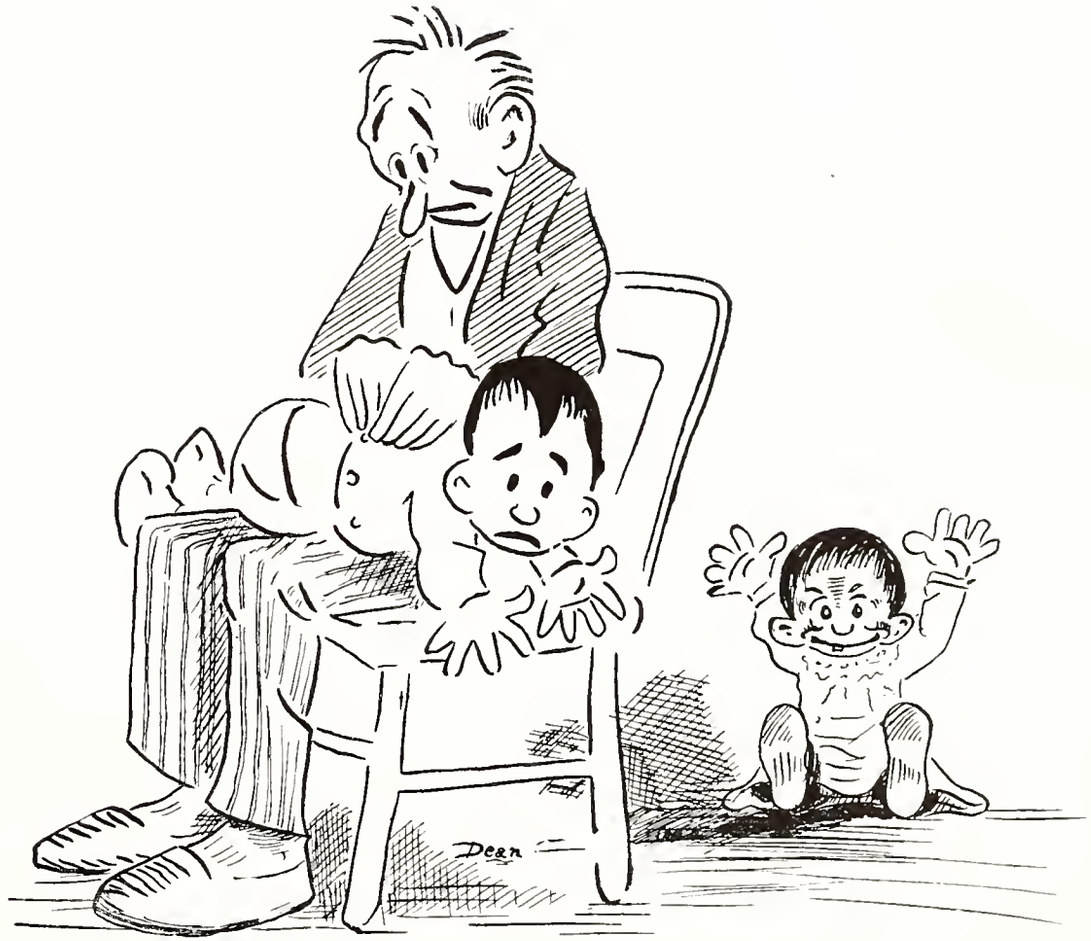
THE FRESHMAN CLASS.

TRULY, September 13, 1910, was an eventful day in the University Calendar, for, on that day, our class entered. No class like ours had ever been seen before, no class like ours will ever be seen again. Freshmen may come, Freshmen may go, but the memory of our class will endure forever, indelibly fixed on the minds of all who have known us.

Immediately upon our entrance, we began to make history and have been busily engaged in that pursuit ever since. Burgess and Irish made notable records in football. There were several Freshmen who played basketball, and who, although they did not make the team this year, are likely to do so in the near future. There are many Freshmen out for baseball; in fact, it seems that the team will largely be composed of Freshmen. In the meantime, our class has not been deficient in other lines of college work. Five entered the Downey Debating Contest, and two were in the final contest. The Freshmen are well represented on the various musical organizations and give promise of developing much talent. Our work in the class-room has been well done, winning the approval of our instructors. But why should we continue telling of the achievement and promise of this wonderful class. We do not desire to encourage envy or jealousy among the others.

The Freshman class likes Wyoming. It believes in her destiny and wants to help make her the greatest school in the West. The proportion of non-resident members in the class shows that the University is becoming known and respected throughout our own state and other states as well. The Freshmen are "boosters." They will, through their advertising, do a great work for the University. Their proudest words are, "We are the class of 1914. We are the Freshman class of the University of Wyoming."

PREPS



A Group of Preps.

THE SCHOOL OF COMMERCE.

A MINIATURE business world. Here we find the student buying and selling merchandise, handling college currency, making out drafts, leases, bills of exchange, statements and performing all transactions just the same as in actual business. Each student provides himself with the necessary books and forms for carrying on an actual business. He is then supplied with a cash capital, starts into business, leases an office, buys, sells, insures, borrows and loans money, keeps a bank account, ships goods by freight, and makes all trades possible that are common to business life.

He makes or loses money—either of which he must show on his books, and should contention arise over some dealing, may sue or be sued, just the same as in the actual business world. Each student starts out as a single proprietor, special emphasis being placed on the journal, cash-book, ledger, posting, closing, making financial and business statements, balance sheet, and trial balance. The student next forms a partnership and works out transactions in commission and consignments. wholesale and retail and manufacturing. In this, the work is designed to teach bookkeeping as it is practiced in the best business houses. In this section are illustrated loose leaf consignment sheets, impression sales book, letter copying book, daily abstract sales, charge and cash sales, card ledger; the organization and management of factory costs and the use of the voucher system.

The student next increases his business by forming a corporation, organizes a large wholesale company, a transportation company, an insurance company, a manufacturing company, forms a State and National Bank. He next takes up the business of banking, performing in turn the work of receiving teller, paying teller, bookkeeper, cashier and that of the other clerks of a bank, familiarizing himself with the clearing house, bank statement, foreign exchange, letters of credit and traveler's checks, the money market and the various influences by which it is affected.

The student takes up the work of public accountancy, auditing

Scene From the Stenographic Department.

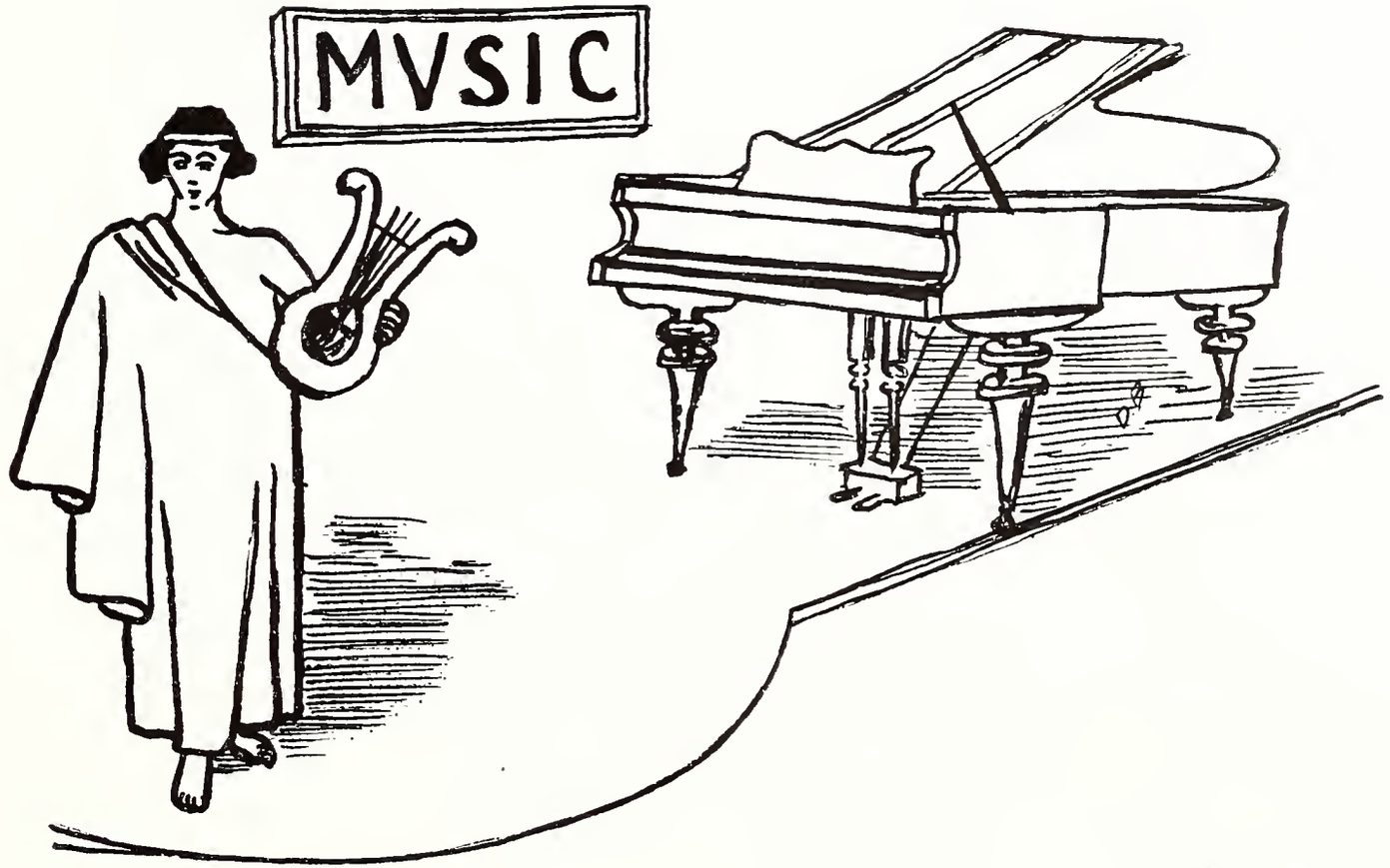
and systems, analyzing the accounts of various insurance companies, banks, manufacturing, mining, transportation, governmental, estates, etc., making a complete report and financial statement of his investigations. He is now so thoroughly drilled in all lines of business that when his course is completed and he goes into the business world and accepts a position it is just like going from one position to another.

SHORTHAND.

In this department we take special pride. Shorthand, when properly learned, renders a young person independent. His services are always in demand. There are more openings for first-class stenographers than can be filled, but there is no demand for those who are poorly trained. The pupils of this department are fully prepared in every way. They can write fast, read accurately and operate the typewriter rapidly. They can spell, punctuate and arrange letters and commercial forms. They can use the copying press and the mimeograph. They can index and file business papers. They understand making collections through the bank and express companies, and can write out checks and draw drafts. Every detail is carried out in the course until it becomes perfectly familiar.

When a stenographer presents himself for employment at the office of a business man, he must have the ability to do the work required. There is no time to wait for growth and development in his case. He must be prepared, not only to take dictation on any subject, but he must be able to transcribe it on the typewriter. Who can estimate the advantages resulting from such training? No young man or woman can make a mistake in learning shorthand. There never was in the history of the world a greater demand in any one line of work than there is now for the stenographer.

Scene From the Banking Department.


MVSIC

THE MUSICAL DEPARTMENT.

IT has been said that God created man and then woman and then music. (Not domestic music.) How true this is we cannot tell, but we know that the Music Department fills an important place in the University of Wyoming.

The department is under the direction of Dean Arnold Bode, with Miss Meek as director of the vocal and violin work and Mr. John Hunton as instructor in piano work. Dean Bode conducts the classes in History of Music, Harmony, Counterpoint and other musical studies and also gives instruction on the pipe organ.

Besides offering class work and individual instruction along all lines pertaining to music this department maintains several musical organizations which furnish excellent music at the recitals and also appear at many University functions.

Among these are the orchestra, under the direction of Dean Bode, the Choral Union, Girls' Glee and Mandolin Club, and the Boys' Glee Club, directed by Miss Meek. We notice that the former difficulty of obtaining timber for the Boys' Glee Club has been entirely eliminated with Miss Meek as director. We would suggest that the Board secure the services of pretty young ladies for other departments in which enthusiasm is inclined to lag.

Notwithstanding the charm and beauty of music its students are not without trouble. Just as the school boy is bothered with the multiplication tables and the spelling book, the embryo pianist is tormented with the scales and the ever-present metronome with its ceaseless ticking which never coincides with the notes of the piano, and its imprudent bell which never rings at the beginning of a measure. For the Harmony students are the writing of chords and the composing of exercises which never sound as their author intended, and rarely comply with the form which they should fit, and the indescribable terrors of counterpoint. For the History class are volumes of names whom few could ever pronounce and none could learn to spell, and strings of dates that would reach around the world. For members of the orchestra are the memories of violin strings Spencer borrowed, never to return; and for the Glee Club boys are the thoughts of pleasant hours they might be spending on the sofa in the Dorm.

LAURA LEE
The only graduate from the School of Music in 1911.

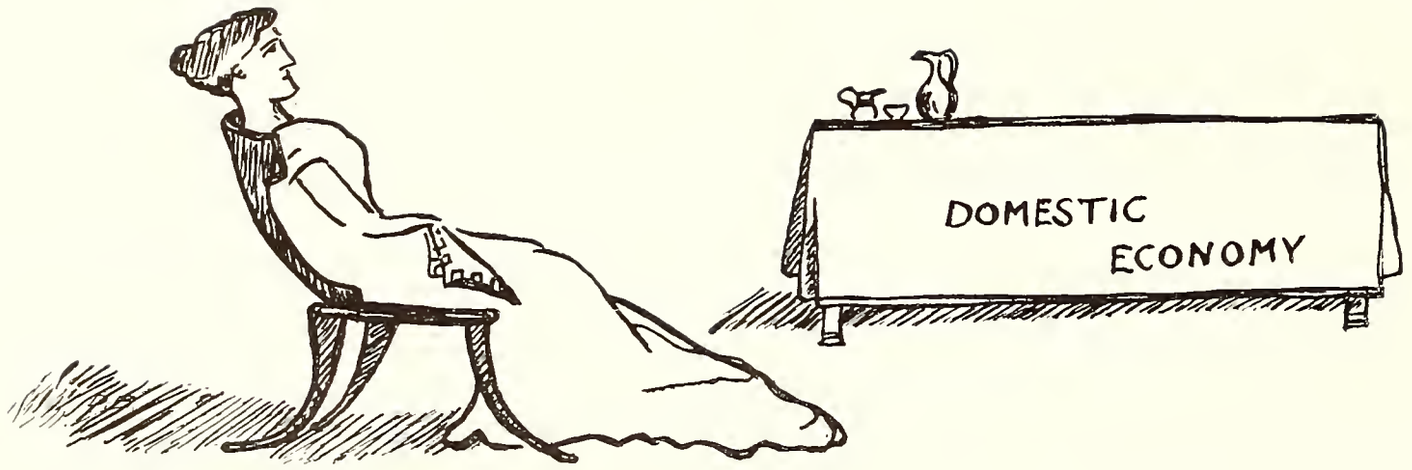
Nor is the instructor's path always without a tinge of discontent. Mr. Hunton's brow is becoming wrinkled over the never-ending routine of feminine frills, faces and mistakes without the sight of a single boy student on which to rest his weary eyes and calm his troubled brain.

One might expect from these great obstacles that the Music School would be small and weak, but under Dean Bode and his competent helpers these barriers seem as mere shadows flitting o'er the sky on a summer day, and the department marches boldly on, increasing in efficiency and numbers, and bids fair to set its blazing banner at the head of the column.

Girls' Mandolin Club.

Men's Glee Club.

The University Orchestra.



BY PROFESSOR LOTTA I. CRAWFORD.

HOME ECONOMICS stands for the ideal home life for to-day, unhampered by the traditions of the past.

The utilization of the resources of modern science to improve the home life.

The freedom of the home from the dominance of things and their due subordination to ideals.

The simplicity in material surroundings which will most free the spirit for more important and permanent interests of the home and society.

Home Economics aims to develop character and efficiency. The education of several centuries ago, now termed "classical," had for its aim training for the clergy and other learned professions and centered its efforts on the development of character—moral training, together with training the intellect and memory. The training for practical efficiency was given by daily life. Character must always come first in education and of the factors which influence the formation of character, the kind of home has surely by far the greatest direct and indirect influence.

Of all the professions open to women, the profession of home-making is the greatest. Many homes are wrecked and many lives are made unhappy simply because so many home-keepers of our country have had no training for their profession. It is only by an education along this line that present domestic difficulties can be solved and the modern home contribute all that it should to the happiness of the nation. Every human being must live in some kind of a home, and every human being should find his chief happiness in that home.

"On the breadth and strength of the base depends the height of the pinnacle." On the home foundation we rear the pinnacle of all that is good in state or individual.

In the study of Home Economics, chemistry, biology, bacteriology, etc., hold high rank. However, in the construction and maintenance of the home it is applied science that is especially called for. The average

housekeeper or home-maker wants the accepted results, the facts of scientific research set forth in the simplest and plainest manner. Her task consists in the application of what the scientific expert and specialists have proven and found to be true to the every day demands of home life. Hence, whatever pertains to economy and the reasons therefor, whatever makes for individual health, strength and happiness, whatever is destined to add to the general comfort and well being of home life—all of these things are of immediate concern to the home-maker.

To provide and serve wholesome food, day by day, to conduct successfully a modern sanitary house, with all of its appointments, requires the application of no inconsiderable amount of scientific knowledge; and this knowledge should be attained in part, at least, in the schools, and in no case should its attainments be left entirely to the exigencies of later experience. At any rate, *whatever* accomplishments the young woman of to-day may attain, whatever else she may be able to do, this one thing she should be qualified to do well, viz., conduct a home properly. She may or may not be an artist or a musician, she may or may not be an expert scientist, but she should render herself capable of making fit application of the latest data of scientific knowledge in the practical management of a household.

A Section in Domestic Science.

BY JOHN M. JONES, '11.

THE Wyoming Experiment Station is one of the departments of the University, but is unique in the fact that its function is to carry on research work along the lines of agriculture or lines related to agriculutre, while the other departments of the University are primarily for instruction.

Professor Henry G. Knight took the chair as Director of the Experiment Station in June, 1910. He has been Professor of Chemistry in the University of Wyoming, and State Chemist for the past seven years, and as one of the functions of the Department of Chemistry was to carry on agricultural research, the work is not entirely new to him. Professor Knight is not a graduate of agriculture, but has been a close student of problems pertaining to agriculture for a number of years. Besides that, he has the advantage of having been raised upon the farm and is a farmer's son. Since his connection with the University of Wyoming Agricultural College he has studied the principal cereal and forage crops of the state, carried on digestion experiments, studied the problems of poisonous plants, attacked soil problems and a number of other things. The results of much of his work will be found in the bulletins of the Station. The Station has been making steady headway under his direction and is proving to be not only a great help to the students, but to the state at large. As there will be no funds for farmers' institute work the coming two years, the people who are interested in this work will have to depend very largely on the matter published from the Station rather than through personal contact.

WYOMING AGRICULTURAL COLLEGE.

Very closely related to the Experiment Station is the Agricultural College. The principles taught in the Agricultural College are those which have been brought out as being the best through research work which has been carried on in the various agricultural experiment stations throughout the world. As soon as a new principle is developed or a truth has been verified, it is incorporated in the proper course in the Agricultural College.

The Wyoming Agricultural College offers courses in all the general

branches of agriculture. It is divided into the following departments: Agronomy, Animal Husbandry, Veterinary Science, Dairying, Irrigation Engineering, Horticulture and Wool.

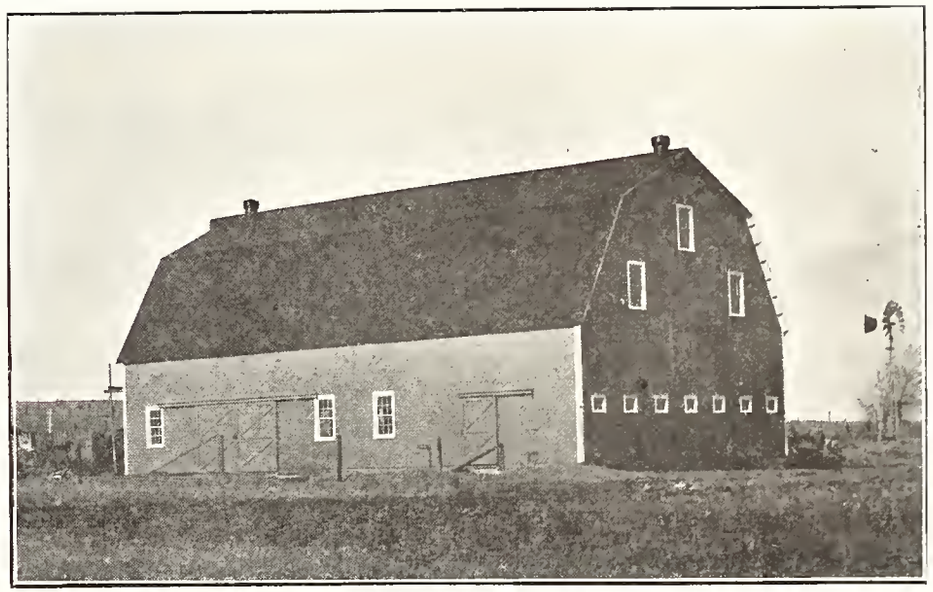
AGRONOMY.

This department confines its work to the best methods of growing of crops and soil culture. Field experiments and instruction are given to the students in the class room and laboratory under the supervision of Professor Parsons. During the past year a barn costing approximately $3,200 has been erected at the Experiment Station Farm, and in addition to furnishing room for stables for horses there is ample room for farm machinery and all of the products grown upon the farm. This department has recently received farm machinery to the value of several thousand dollars as loans from various manufacturers. This will eventually be placed in a machinery hall for use of students in courses offered in farm machinery.

Professor Parsons also has charge of the research work in Agronomy in the Experiment Station. Some of the experiments which are being carried on are as follows: Fertilizer tests, various dry farm experiments, variety tests of potatoes, variety tests of root crops, oats, peas and wheats. A very interesting experiment which has just been started is to determine the value of different grass mixtures for permanent meadows for pasture purposes. An agricultural exhibit has been prepared which is open to all persons interested.

DEMONSTRATION FARM.

During the present year a demonstration farm under the supervision of Professor Parsons has been started at Wheatland upon land owned by Governor J. M. Carey. As there are no funds for carrying on demonstration farms at present, the expenses are being met by the land company. The object of this farm is to demonstrate to the farmers of Wheatland which crops are most profitable to grow and the best methods of handling these crops. It is hoped in the near future that several demonstration farms in different parts of the state will be established. The Stock Farm of the University has been put into crops upon a commercial basis.



The New Agronomy Barn.

ANIMAL HUSBANDRY.

Students specializing in this department realize that there are splendid opportunities for the future stockmen of the state. Heretofore the stockmen have paid little attention to rhe grade of their stock. The herds have been running upon open ranges at comparatively small cost, and satisfactory profits were made from the common range scrub. This is rapidly being changed and within a few years it will be almost

impossible to find a scrub upon the ranges of Wyoming. The day of the great cattle kings in this state is a thing of the past. The ranges are being cut up into numerous small farms and ranches, and it is imperative that the cattle owners grow more feed. This is being met by the great irrigation projects which are covering the state. It has already been proven that if the greatest returns are to be obtained the scrubs must be discarded or they must be bred up into better cattle.

The students specializing in this department are becoming posted upon the live stock industry. A good agricultural education along the lines of animal husbandry will fit a man to meet the common problems which are even with us today. As this department is comparatively new, much is still needed to thoroughly equip and make it complete. Under the direction of Professor A. D. Faville needed improvements are continually being made. In the space of a few years it is hoped that Wyoming will have one of the best Animal Husbandry Departments in the west.

During the past year a fine herd of the most prominent types of dairy cattle has been added to the dairy herd. They are all splendid specimens and afford the students in dairying and stock judging splendid opportunities. The swine department is at present very small, but is being continually added to with pure-bred stock. The sheep department is thoroughly up to date and has made itself known throughout the country because of the prizes which it has carried off in competition with the best flocks and individuals in the world at the International Live Stock Exposition, the Alaska-Yukon Exposition, and the National Western Stock Show. Much credit must be given to Mr. Jas. McLay, the Shepherd, for his very thorough work in building up this flock and fitting the sheep for the shows. About $2,500 has been obtained in cash prizes in the last two years.

The sheep barns, which are a late addition to the college equipment, are some of the best in the west. Other improvements for caring for the cattle and hog departments are in contemplation.

WOOL INVESTIGATIONS.

Wool investigations have been in progress for several years. This department is under the direction of Professor John A. Hill, and with his able assistant, C. J. Oviatt, an enormous amount of work has been accomplished which will soon be in published form. The scouring plant will probably be moved during the coming year to a building of its own and the department will be enlarged.

VETERINARY SCIENCE.

The Department of Veterinary Science is under the direction of Dr. O. L. Prien, practical veterinarian. The college does not attempt to turn out veterinary graduates, but the courses which are offered are to make students proficient in caring for diseased or maimed stock, and is a very welcome addition to the college course for this reason.

Dr. Prien also has charge of the poisonous plant work, all of which is being carried on under his charge, aside from the chemical work, which is being carried on in the chemical laboratory. This work is undoubtedly of untold benefit to the stockmen of the state.

IRRIGATION ENGINEERING.

This department is under the supervision of Professor J. C. Fitterer. Students may obtain the fundamental principles of surveying, which is highly desirable in an irrigated country. The elementary courses are given as part of the curriculum in the agricultural courses. Students may specialize in Irrigation Engineering if they so desire.

Professor Fitterer also has charge of research work in irrigation, and research work upon effects of alkali upon structural materials. The results of both of these lines of research are badly needed throughout the west.

DEPARTMENT OF HORTICULTURE.

Many sections of the State of Wyoming will undoubtedly prove to be great fruit centers and already young orchards have been planted, and in a few cases there are some bearing orchards. It is surprising what wonderful results are obtained in high altitudes if proper care is taken and scientific methods applied.

Professor Aven Nelson has charge of the Department of Horticulture and Forestry.

AGGIE STUDENTS.

A few years ago there was scarcely a student in the Agricultural Department. Now a just proportion of all students attending the University of Wyoming are actively engaged in the study of various branches of agricultural work, principally Agronomy, Animal Husbandry, Veterinary Science, Horticulture and Irrigation Engineering.

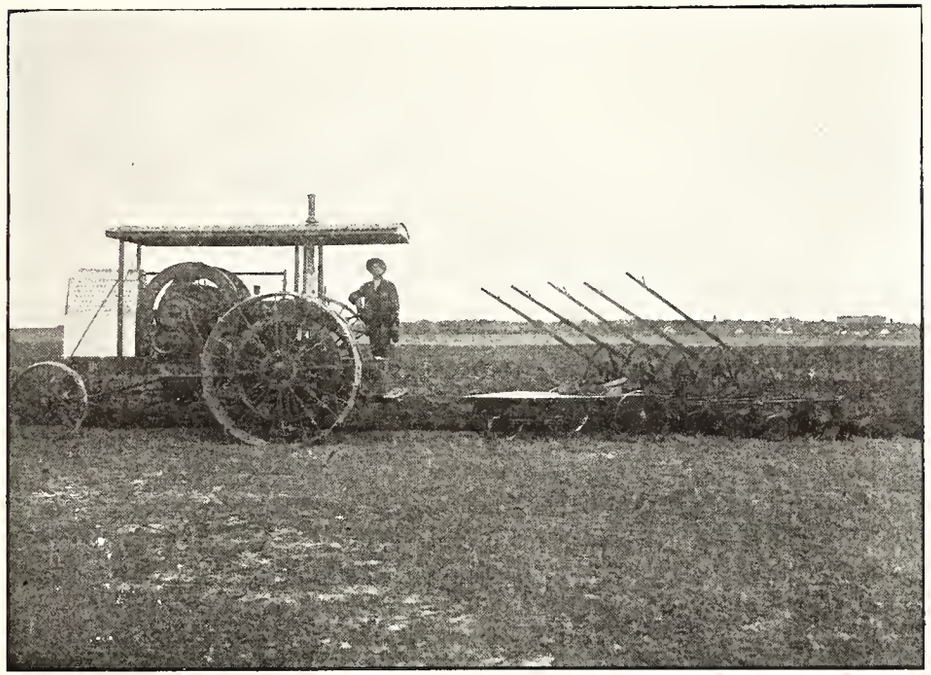
The Agricultural students take an active part in all the college affairs, being well represented on all the athletic teams, debating clubs and all the prominent student organizations.

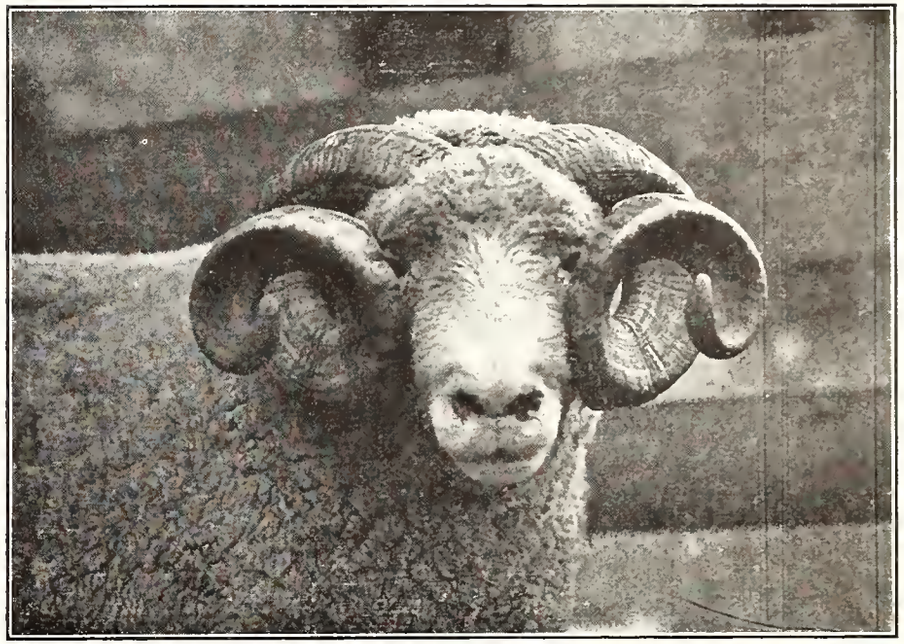
The "Aggies" claim that they have the champion department basketball team, having challenged the other departments and the challenge not being accepted by any of them.

The Animal Husbandry Department endeavors to take the Seniors to the International Live Stock Exposition at Chicago, where they gain much information about exhibiting live stock. The students in advanced Stock Judging were taken to the National Western Stock Show at Denver in January, 1911.

SCHOLARSHIPS.

Mr. J. Ogden Armour, of the Armour Packing Company, offers a $250 scholarship to Agricultural Colleges winning a certain number of prizes at the International Live Stock Exposition. During the two years (1909-1910) that the University of Wyoming sheep were shown,

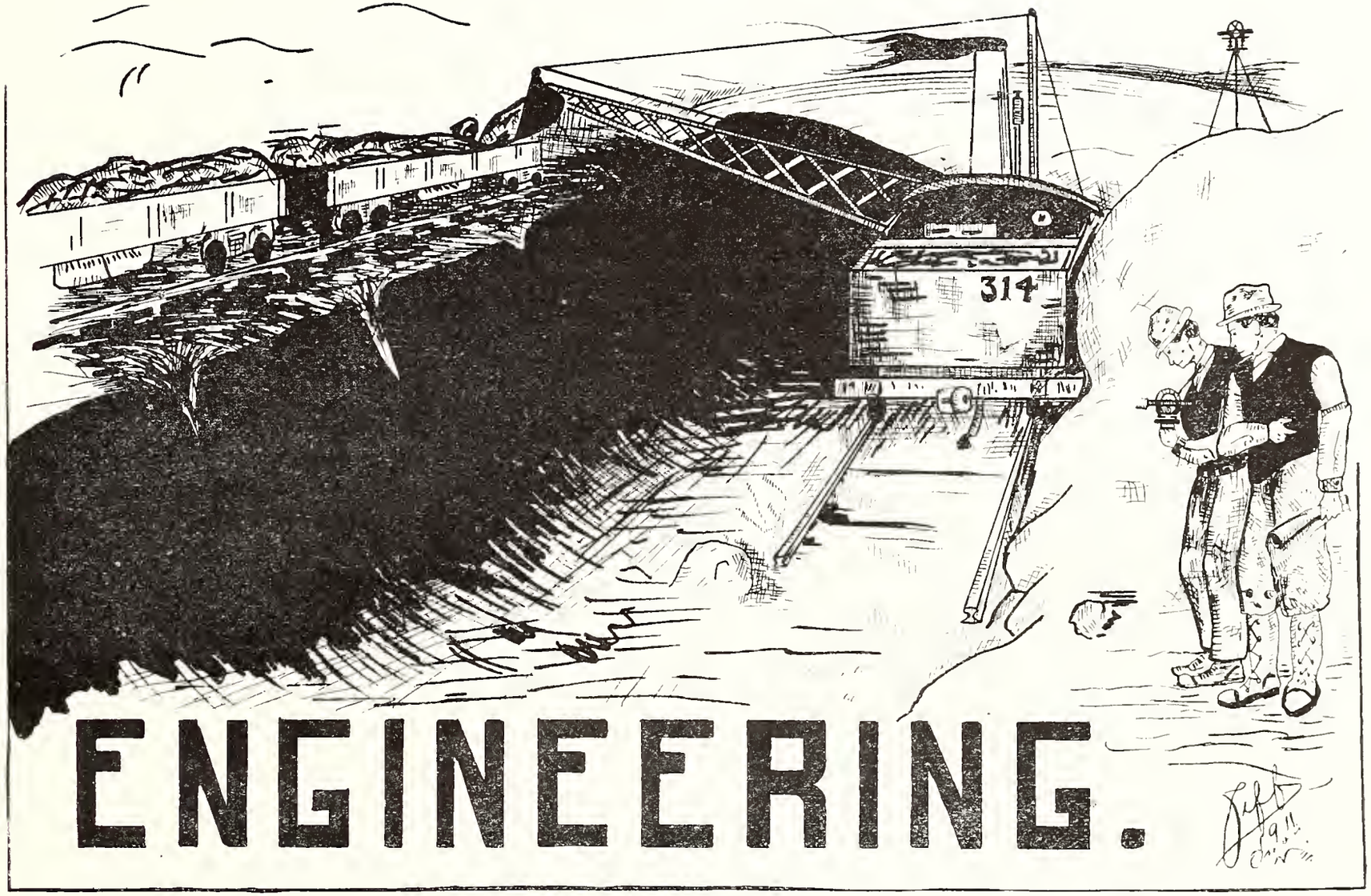




a $250 scholarship was won each year. These scholarships are awarded to students specializing in Agriculture, being given to students working their own way through college.

The writer of this article, a Senior in the Animal Husbandry Department, was this year awarded the scholarship won by the College in 1909.

The Agricultural Club.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ENGINEERING.

ENGINEERING IN WYOMING.

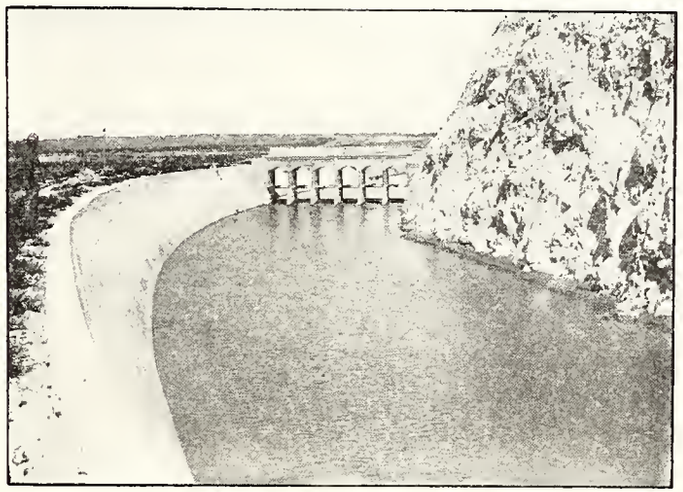
BY JOHN C. FITTERER, C. E.

AS a necessary derivative from the study of nature (not as an occult, whimsical and baneful force, but as something which is to be rendered amenable to the service and purpose of man, must be better queried and more intimately known) we have the introduction of vocational courses in our universities of today. The ultimate justification of their existence is the seemingly inexhaustible demand for trained men and the large and ever-increasing numbers in answer to this demand seeking entrance to such courses as preparatory to efficient help in the world's work. The marvelous material changes during the past century are truly indicative of a fundamental and far-reaching impulse, having, perhaps, for its origin a saner purview of the earth and the myriad interrelations of its physical forces. The time-honored cry of "Allah wills it" and the equally renowned shibboleth of "Manana" can only be considered as either a mental impairment or an example of physical inertia. Some there are and have been who stricly follow the spirit and letter of the Arab proverb of least exertion. They are indolent. Others conceive an idea as with a flash of inspiration and forthwith must needs set the world afire, dissipating energy everywhere, but having no connected plan of attack or a definite model to attain. They are impulsively ignorant and wasters of resources. Others again, with deeply evolved aims and possessing a well-gained preparation, approach a problem with a distinct knowledge of its difficulties and resolve it with elegance, in minimum time and with concentrated effort; that is, *ingeniously*. They are "*engineers*," whatever their work may be.

Hewers of wood and drawers of water have listlessly toiled and striven through dull ages, taxing brawn to the straining, but with a

comatose brain. As a concrete example: we are informed that the pyramids were erected in the course of decades by countless hordes of the enslaved, under lash and spur, in the crudest manner possible. Their supreme efforts resulted only in a sepulchral pile encasing the sarcophagus of a tyrannous overlord. Upon the other hand, our modern skyscrapers are built with neatness and expediency at the movement of a throttle or the throwing of a switch, and they house an army of the industriously efficient working for the welfare of the living.

To the ambitous young man, Wyoming presents manifold opportunities to profitably exercise his ingenuity.



Wasteway at Mollie's Fork, North Platte Project.

The attempts to irrigate vast semi-arid tracts are but begun, and which, under the stimulus and example of governmental aid, promise to continue for decades to come. Two principal projects, the North Platte and Shoshone, are particularly prominent; but so unostentatiously has the work been carried forward that many citizens of our commonwealth scarcely realize the magnitude of the same. A few statistics, arranged in parallel, are given:*

	North Platte Project.	*Shoshone Project.*
Altitude	3,800 to 4,200 feet above sea level.	4,500 feet above sea level average.
Irrigable area	125,000 acres, North Side diversion	131,900 acres.
Size farm units	80 acres.	40 to 80 acres.
Watershed area	12,000 square miles.	1,380 square miles.
Est. annual runoff	1,025,000 acre-feet at Pathfinder dam.	1,000,000 acre-feet.
Value irrigated lands	$50 to $125 per acre.	$50 to $150 per acre.
Length main canal	95 miles.	60 miles.
Length laterals	400 miles.	150 miles
Construction charges	$45 per acre.	$45 per acre.
Govt. appropriations to Dec. 31, 1909.	$4,570,000.	$3,587,000.

*Photographs for cuts and project information were supplied through the courtesy of the U. S. Reclamation Service.

Miles of canals traversing the land are but the simplest of the questions constantly arising before the engineer for answer. The moving of thousands of cubic yards of earth today is simplicity itself, but in the design of reservoir dams, headworks, flumes, siphons, drops, wasteways, etc., required to curb and direct a rushing stream the finer exercise of ingenuity is presented an unlimited scope.

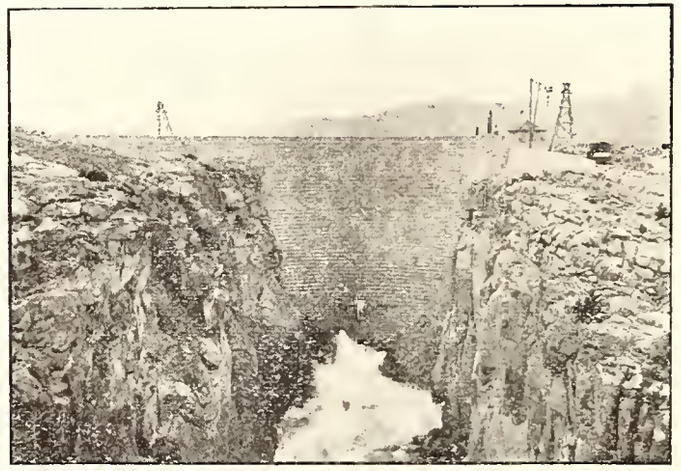
Two of the world-famous impounding structures are located within the state viz., the Pathfinder and Shoshone dams. Their daring proportions, and reservoir data, are tabulated below:

	Pathfinder.	*Shoshone.*
Reservoir area	21,774 acres.	6,600 acres.
Reservoir capacity	1,025,000 acre-feet.	456,000 acre-feet.
Dam, Height, top to foundation	218 feet.	328.4 feet.
" Length on top	500 feet.	200 feet.
" Thickness on bottom	94 feet.	108 feet.
" Thickness on top	10 feet-14 feet.	10 feet.
" Radius of curvature	150 feet.	150 feet.
" Batter of upstream face	15%.	15%.
" Batter of downstream face	25%.	25%.

To accentuate matters no precedent existed for such designs, and he was indeed an innovator who first suggested placing a masonry arch horizontally across a canyon. The time-honored method was to construct an immense dike—the method of the unthinking.

The illustrations also portray an enormous reinforced concrete arched flume across Spring Canyon and the wasteway at Mollie's Fork, both on the North Platte project, in Wyoming.

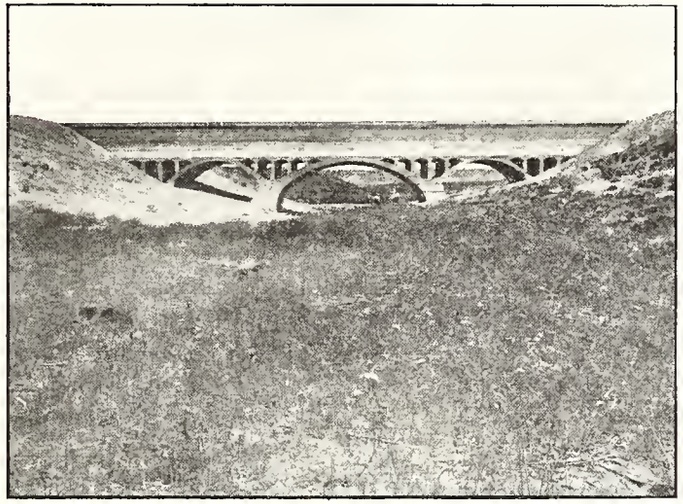
It is needless to emphasize the fact that with the responsibility of designing structures like these and others costing hundreds of thou-



The Pathfinder Dam.

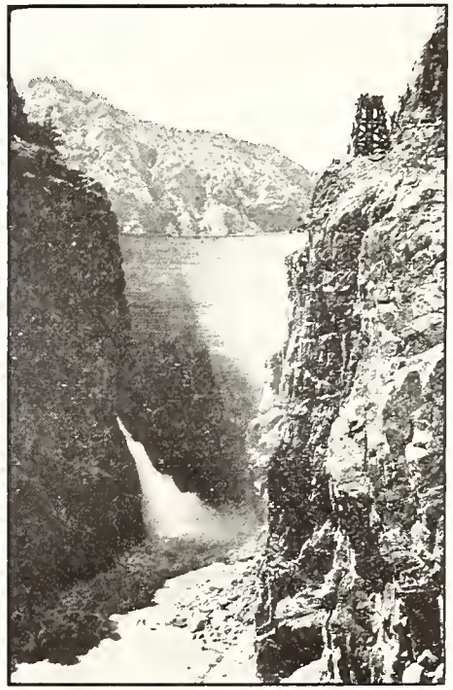
sands of dollars the engineer of the present must be thoroughly trained in the technique of his profession. The time when the term surveyor was synonymous with engineer is *wholly past*. The former is indeed essential, but only preparatory.

With the ever-increasing population of the West, facilities for general transportation are insistently demanded. Ease and rapidity of travel perhaps more than any other single activity is formulating a world-wide spirit of brotherhood, and in particular making America a cosmopolitan and virile nation. As a forecast of the future in this direction for the Wyoming young man, it is interesting to note that if we had the same railroad mileage per square mile of territory as has the state of Pennsylvania it would total 22,000 miles instead of the 1,600 miles now constructed. Our natural resources are undoubtedly fully as great and varied as those of Pennsylvania and in time will attain an equal development.



Reinforced Concrete Arched Flume Across Spring Canyon, North Platte Project.

In general, the field is wellnigh illimitable; present and future cities need water supply and sewerage systems; bridges must be built; roads constructed; hydraulic power installation placed; forest and mineral wealth conserved and carefully utilized; withal, an endless succession of opportunities for him who loves a life of endeavor and fears not the smirch of toil.



The Shoshone Dam.

It is indeed true that in our own western land the beckoning sign of intelligent effort crowns every hilltop, and in this sign may each one conquer who does and dares to do, but let his daring be thoughtful and his doing ingenious.

CONTINUITY OF EDUCATION.

BY ALBERT C. BOYLE, M. E.

IT is generally well understood, although not always completely and fully appreciated, that the graduation period of our universities besides being a season for congratulations and best wishes—marks a turning moment in the lives of young men and women who have completed their preliminary training and are about to enter upon the strenuous duties of after life. This, it seems to me, is especially applicable to men in engineering courses, and particularly to those aspiring to becoming mining engineers.

I believe there is no better time at which an hour may well be spared for reflecting upon the nature and character of the change in effort and aspiration that comes with the completion of the courses in the University; that the relation of the future to the past, of the new life to the old, may be more clearly apprehended.

Up to this time development has been gradual, usually slow; but the moment graduation day passes and the new field of activity is shouldered, it takes a long time to recognize, in the whirl and heat of full-sized practice, the course and movement of those forces about which our abstract knowledge may be profound.

I desire to touch upon but one phase of the subject, although many are well worthy of careful consideration, and shall only hope to emphasize a thought that is undoubtedly familiar to all. It has already occurred to us that an education has by no means been completed by the successful mastery of the courses of instruction offered, but that it will continue throughout life.

It is generally conceded that the prime function of education is to train the individual, to deal with the affairs of life, complicated and variable as they are, with intelligence, efficiency and sincerity; to fit for adjustment and readjustment; to excite sympathy with all that is noble and beautiful in life; to develop the moral and intellectual powers so as to make that individual, to as great an extent as possible, effective, useful, and as far as may be happy and successful.

The value of an education is not measured by the number of abstract facts accumulated, for in and of themselves they are relatively of little importance. I am inclined to believe that an individual is well educated even if most of that which has been learned is forgotten, provided the intellectual and moral faculties have been so developed as to give a right view of life, and to insure a firm grasp on each situation as it arises, with the power of accurate analysis and synthesis and the capacity for sound decision and of strong, definite and discreet action in pursuance of that decision.

Everyone who has worked has of necessity received a real education for the work he had to do. This same kind of education is equally essential to the scientist, the statesman, the artist, the business man, the physician and the engineer.

Only within comparatively recent years has it been generally recognized that special technical instruction should be offered in order to better prepare the individual for that service and duty which inevitably follows graduation. A liberal education is not enough—special training will fit everyone to play a creditable part in the affairs of after life. After all, most of the problems which often confront and puzzle our young graduates are those connected with or involving natural law. The solution invariably comes by a study and application of law. With all men Nature plays a game, and she rejoices the more they win. She is kind to those who have learned to work in unison with her universal unchangeable laws. When we see what has been accomplished in the past, it is reasonably safe to say that there is practically no limit

to achievement on the part of those who undauntingly work hand in hand with the operations of Nature. All of our successes are characterized by obedience to these fundamental principles.

The future prosperity of the human race and of every individual largely depends upon the extent and character of our educational facilities, and while these are of the highest order; yet when graduation day passes, along with it go many opportunities upon which we can never lay hold. It then becomes our pleasure to supplement that training by additional effort which characterized the life of Franklin or Lincoln, whereby they became more interested in fields of human thought and human aspiration.

Furthermore, there is no reason why this idea, if it occurs with renewed force at the period of graduation from the University, should not be accepted of vital importance and become fruitful. While everyone is in a position to utilize the educational opportunities of after life to the greatest extent possible to him, within the limits imposed by his character and capacity, it is the University graduate who should be best fitted for such after education.

It is upon the graduates especially that I urge a definite recognition of the advantages and pleasures to be derived from the lifelong opportunities for continuous education which are open to us all. How shall we more fitly crown this century of engineering—a century in which the noble profession has risen from comparative potentiality to living energy? And as its force is multiplied by the general advance of science, it becomes the momentum which evermore shall actuate the enginery of civilization.

Group of Miners.

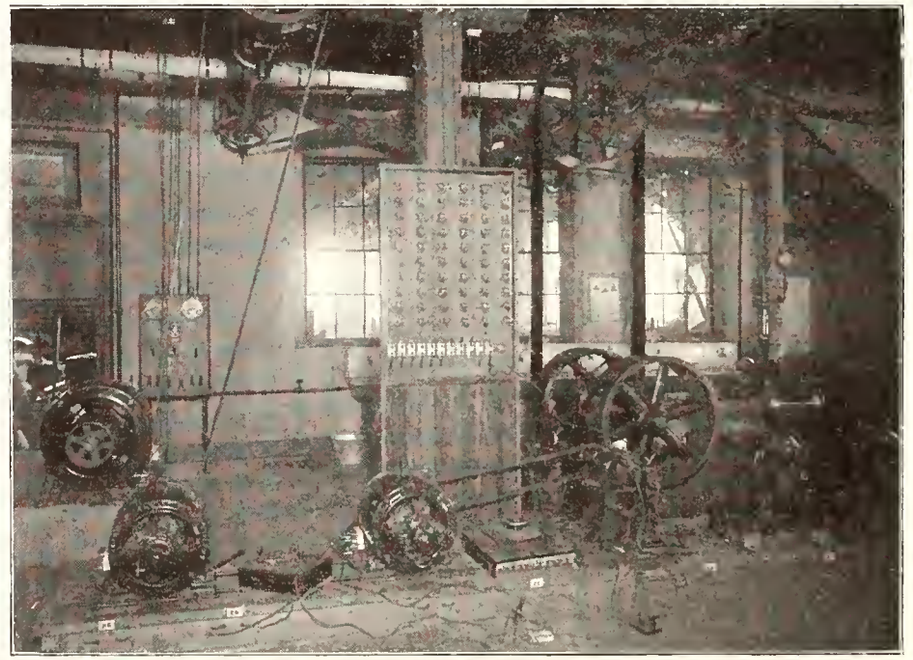
MECHANICAL AND ELECTRICAL ENGINEERING.

BY ELMER G. HOEFER, B. S.

WHEN, in 1862, Congress passed the original Morrill Act providing for instruction in the Mechanic Arts it was little dreamed that the result would be the splendid Colleges of Engineering that we have in connection with our State Universities today. The federal assistance thereby granted and the schools established by its aid were intended solely to afford a training in the trades. The object was to produce skilled workmen. However, instead of following a development along such lines, these schools have grown to be truly professional, taking a leading part in the rise of engineering to its rightful place as one of the learned professions.

The engineer is rapidly coming to fill a larger place in public affairs. Rate regulation, the conservation of our natural resources, the proper utilization of our great water powers, the electrification of our railroads, smoke prevention in our cities, the regulation of public service utilities, and the general safety of the public, are some of the questions of great public moment demanding solution. In all these questions, and many others, the advice and co-operation of the trained Engineer are absolutely necessary if real progress is desired.

Turning to problems of less general interest to the public, but of great commercial importance, we may mention only a few. Among recent developments in the field of Mechanical Engineering the commercial advent of the steam turbine, gas producer, and large gas engines, together with the application of the principles of scientific management in the factory and power plant for the prevention of waste, are of first importance. In Electrical Engineering we have the application of electrical energy to every conceivable end, in the home, in mining and metallurgy, in irrigation, and in the factory; problems of scientific illumination, railroad electrification, and long-distance, high-tension power transmission. In none of these things has the end been reached. In all directions developments are being pushed vigorously and the field is still very large.



This is but a faint suggestion of the field of endeavor open to the Mechanical and Electrical Engineer. Many things are promised in the way of a great development of the resources of our state. As fast as this development is realized, just so fast will this field be enlarged in Wyoming. I mean that the Wyoming young man who acquires a training in the fundamentals of these branches of engineering has be-

fore him as great opportunities for financial reward and honor as one trained along any other line.

It is the object of this department to provide just such a training. The young men who are being graduated from our High Schools and are trying to decide which is the best University for them to attend, are doubtless demanding a definite answer to the question, "Is the University of Wyoming equipped to give this training, and how?" It should first be understood that when one speaks of Mechanical or Electrical Engineering, no suggestion of trades is intended. When a man takes such a course he does not do so to become a carpenter, a machinist, or the chief engineer of an oil can, or of a wireman's tool kit. There is a vast difference between manipulating the environment of a steam engine, for example, so that it may run or cease to run, or causing an insulated wire to have and to hold the necessary affinity for a porcelain knob by some mode of mechanical persuasion—and being an engineer. The man who would be an engineer is aiming higher than that. He expects to be trained for leadership, not only along engineering lines, but in general; to take his place among the designing, directing, governing heads of our industries; for research, invention, and investigation. It should be understood, however, that when the student has completed a four years' course in Engineering, he is not graduated as a finished engineer any more than a thermometer, which is also graduated with degrees. There isn't a university in existence that can make him one. Instead of being, in every sense, an engineer straight off the bat, he has had a thorough training in fundamental principles, so that he is in a position to rise rapidly in his profession when he gets out into practice.

The question of the High School graduate can best be answered by a personal visit to our laboratories. Next to such an inspection, a study of the latest University catalog will give him a fair idea of the work. Here a brief description of the class room and laboratory work, and a general outline of the plans and aims of the department are set forth, together with a brief description of the equipment. Supplementary to what is there said, we may add that the department is rapidly assuming a position of the highest efficiency. It possesses some splendid laboratory equipment, and this is constantly being enlarged, affording abundant opportunity for experimentation and research. This equipment already compares favorably with that of surrounding State Universities, and in some respects it is superior to that of some of the laboratories the writer has seen in Colorado. With the unsurpassed opportunity the student has for individual attention on the part of his instructors, he is in a position to acquire a training in the fundamentals of engineering, which would not be possible in the larger eastern universities, none excepted.

"MOSE."

EVERY man should be able to tell a story, sing a song, or at least to talk common sense. I can do none of these, but listen while I unfold to you the life story of a character loved by the majority of our people, hated by some, but thoroughly understood by none. We have many famous people among our student body at the University; this one because he is naturally smart, this one because he isn't; this one because he is a fusser and the other one because he is a woman hater; that one because he is a bluffer, and perhaps another because he is an honest man. But great as all these people are (you will please supply a name for each case above) there is one unique character among us who holds first niche in the hall of fame because he possesses each of the qualities mentioned. He holds unswervingly the loyalty and adoration, nay, shall we even say homage, of all within our collegiate sphere, save alone our worthy and renowned curator, Billy Reed. So intent is our beloved Prof. in tracing out the mysteries of fossil life, manufacturing and putting together the bones of the antique dinosaurs, ichthyosaurs, plesiosaurs and the other saurs and a few rhamphorynchuses that he neglects such unique living characters as our friend. To tell the truth of the matter, our friend one day mistreated some elasmosaur bones while visiting the museum and William has never forgiven him for it.

Our contemporary is one of the famous "Campbellites" and sure does get his share of the Gene-ial smiles that some fellows have tried to monopolize. He also picks up a Nickle occasionally. His best friend is probably H. H. H. H. H. H., his worst, the Grave doctor. Our friend is a great fusser. He has had great success in working the Men's Advisor at the Dorm., seemingly paying no attention whatever to the Justinian Code in force there. He has called on all the girls and has probably chaperoned every couple that has attempted to explore the campus after dark. That alone is enough to give a person softening of the speech, but it has never phased him.

He talks United States as a rule, though Fussy Grant and Curly have influenced his vocabulary a great deal. At times even Swede Hansen can't understand him. He started the course in English I, but a disordered digestion expelled him from class one fair day in December. Though little is known of his pedigree, he moves in the best society and is accepted at all social functions. There is a legend that he was espied and rescued—not by Pharaoh's fair daughter, but by one of Wyoming's, was it fair daughter or stalwart son? Well, anyway, we know that he grew up to manhood among us. Though he is fond of cats and quail on toast, yet he attends drill regularly and often enlivens assembly with duets with Marion R. and other girls.

Though he is only in his Sophomore year, he is quite civilized and accomplished, always in the forefront of exciting and enthusiastic undertakings and demonstrations, ever genial and lovable.

Say, have you seen anything of Mose?

SOCIETY

RECEPTION TO NEW STUDENTS.

According to custom, the first social affair of the year took place when the new students of the University were entertained by those who had been formerly initiated into the joys of Varsity life.

On Friday, September 28, the new and old students and members of the faculty met and became acquainted with each other. The address of welcome was given by Mr. Prestegard, '11, and was answered by Mr. Hoadley, '14, of Thermopolis.

After a short program those who desired indulged in dancing till all felt there were no longer any new and old students.

Refreshments were served on the track during the evening.

BENEDICT PE-RADE.

On the evening of February 3 many students could have been seen at the Maennerchor hall helping the Benedicts celebrate their second annual pe-rade.

The hall was beautifully decorated in the blue and white of the club. Mirrors on each side reflected the scenes of gayety. At one end the owl sat, an interested spectator of all that occurred. Lohmann's orchestra from Denver furnished delightful music. During an intermission a most delicious three-course supper was served.

The Sigma Beta Phi fraternity gave their seventh annual smuster on December 9. This year the smuster was a delightful banquet at the Thornburgh Hotel, where covers were laid for forty-two people. The dining room was beautifully decorated with pennants and other symbols of Sigma Beta Phi. The fraternity flower, the violet, attractively decorated the table and a bouquet of them was found at each lady's place. The evening began with a formal ceremony of the fraternity and roll call, which was followed by an address of welcome by the president, Mr. Hunton. Mr. Holliday was toastmaster of the evening, and he called for toasts from Prof. Fitterer, Dr. Heyl and Prof. Hutchison for the faculty; Mr. Fuller, representing Delta Theta Kappa, Miss Doyle, representing Pi Beta Phi, and Mr. Herrick, an alumnus of the University. The very enjoyable evening closed with a toast to the absent members.

JUNIOR PROMENADE.

On February 17 the class of 1912 welcomed all the friends of the University at their annual Prom., which was chaperoned by Dr. and Mrs. Merica, Prof. and Mrs. Bellis, Prof. and Mrs. Boyle, Prof. Middlekauf, Mrs. Rexford and Dr. Hebard.

One end of the gymnasium was separated from the rest of the hall by a fence of lavender and white, the class colors, and in this part were inviting cozy corners of the same colors. At the other end of the hall, under a small canopy, punch was served to refresh the dancers. Later in the evening a delicious buffet lunch was served in the armory. Lively music was furnished by Mr.Hitchcock's orchestra, and when the late hour arrived, which broke up the party, all present agreed that a general good time had been enjoyed.

DELTA THETA KAPPA BALL.

The formal dance of Delta Theta Kappa fraternity took place April 28, at the gymnasium. This hall was beautifully decorated in pink and green. A complete canopy of these colors was seen overhead. One end of the hall was almost entirely shut off from the rest to form an immense cozy corner, into which three arches allowed en-

trance. The form of decoration in this part of the hall was very artistic. The same idea was carried out in forming a little room where the orchestra sat. Punch was served throughout the evening under a little canopy at the other end of the room. Dainty refreshments were served in the armory. These also represented the fraternity's colors. The patrons and patronesses were Pres. and Mrs. Merica, Mr. and Mrs. Bellis, Mr. and Mrs. Boyle and Mr. and Mrs. Sevison.

Decoration for Delta Theta Kappa Dance.

On New Year's eve, at the Sigma Beta Phi house, one of several fireside parties was held. The guests enjoyed playing cards until a late hour, when they all gathered amout the fireplace, where refreshments were served. Soon the bells were heard which announced that 1910 was no more and all present helped to welcome in 1911. A few good resolutions were made and then the guests departed, wishing their hosts a very happy new year.

Prof. and Mrs. Henry G. Knight entertained very delightfully for the Pi Phi's and their gentlemen friends on March 3. Each person was requested to bring something which was no longer wanted. After all the guests had arrived they were told to trade their "rubbish" for someone's else. Of course the most successful traders were those who could praise best the usefulness of their articles. Other games were enjoyed during the evening, then dainty refreshments were served. All joined heartily in the Rahs! for the Knights before leaving.

Another Delta Theta Kappa Decoration.

Prof. and Mrs. Hutchison entertained at a "stunt party" in honor of the Sigma Beta Phi's and their ladies. The gentlemen had a good deal of practice (perhaps much needed) in threading needles and sewing on buttons. Cutting cut states taxed the brains of many, and some discovered that they were not at all talented in the art of cutting out animals. Lovely refreshments were served, and after a little music the guests departed with many expressions of the delightful evening they had enjoyed.

April 1 the home of Mrs. Goodrich on Tenth street was given over to the enjoyment of a good time by the members of Zeta Xi and their

gentlemen friends. During the evening the guests enjoyed progressive whist, at which game Mr. Rowland was lucky enough to gain the prize. Messrs. Charlie Jones and Symons were not so fortunate and drew for the booby prize, which Mr. Jones received. Many other novel amusements, such as moving picture shows, riddles and the like, were enjoyed by the guests. Mrs. Goodrich and Miss Dorothy Goodrich served a delicious lunch, after which, at a late hour, the guests reluctantly took their leave.

DR. MERICA'S DINNERS.

The charming home of Dr. and Mrs. Merica was thrown open on three different occasions to welcome the members of the faculty to dine. On November 1 the young married couples were the fortunate ones, on November 3 the younger members of the faculty were the guests and on November 5 the faculty members who have been at the institution for a number of years were entertained. Each group declares that its particular evening enjoyed the best time. But anyone who has dined at the Merica home will be sure that every evening was very enjoyable.

MASQUERADE Σ B Φ.

A strangely mixed crowd was seen at the gymnasium April 17, Indians, a cowboy and cowgirl, a gypsy and even a lady of the time of Washington were present. Some of the masqueraders were not recognized at all until the masks were removed. Music was furnished by Mr. Hitchcock's orchestra and everyone present had a very enjoyable time.

Misses Abbot, Douglas and Wilson entertained on the evening of February 10. North Star hall was gayly dressed in red hearts merrily dancing in garlands from one corner of the room to the other, and many

Group of Dorm Girls on Washington's Birthday.

little Cupids were present hiding among the hearts and in the corners of the room. Beneath these decorations the charming hostesses welcomed their guests who had come to make merry with them on the anniversary of St. Valentine. Card tables were placed in the alcove for those who did not wish to dance, but most of those present could not resist the excellent music rendered by Niethe's orchestra.

Mrs. Wilson, Mrs. Douglas, Mrs. Abbot, Mrs. Hamilton and Mrs. Kennedy served a most delicious supper during the evening. When the guests departed it was with many expressions of pleasure and with many regrets that the hour for departure had arrived so soon.

WOMEN'S HALL.

Washington's birthday was commemorated at Women's Hall by an open house. Colonial maidens were seen everywhere to welcome the guests with courtsies, usher them through the various rooms of the hall and into the rooms where refreshments were served. In the dining room, tastily decorated in patriotic colors, sandwiches and coffee were served, while upstairs in the charming little dining room of the Domestic Science Department the guests received ice cream and cake, also in patriotic colors, and clever souvenirs of the day.

OPEN HOUSE—DELTA THETA KAPPA.

On the afternoon of February 18 many friends of the Delta Theta Kappa's could have been seen wending their way to that fraternity's new home. The club rooms downstairs were very cosy with their sofa pillows and fireplace. In one of these rooms were displayed many beautiful gifts which friends of the fraternity had presented to it. Upstairs were seen some comfortable bedrooms. All callers were served with a glass of delicious punch before leaving. On the evening of the same day the fraternity members entertained their lady friends at cards. During the evening delicious refreshments were served by the new initiates. Afterwards songs were sung around the fireplace until a late hour.

PARTY AT MISS GREENBAUM'S.

A delightful evening at cards was spent at the cozy home of Miss Ruth Greenbaum April 21. Five hundred was the game indulged in and frequent exclamations of delight or sorrow, if luck were for or against the player, were heard from all parts of the house. Lovely refreshments were served, and at a late hour the guests departed with many expressions of great enjoyment to Mrs. and Miss Greenbaum.

"Stung"

OUR ARMY

E.P.W.

The Department of Military Science and Tactics.

ONE of the great advantages of a course at the University is the excellent training obtained by all male students in the Department of Military Science and Tactics. There is in the heart of every true young American a love for his country and a hope that some time he may be of service to her. His work in the cadet corps at the University instills in him a sense of what true service means and presents to him in a true light the opportunities in the field of military tactics.

He learns to be prompt, neat and obedient, for all the work is carried on under military discipline, the commandant being an officer of the United States army detailed here by the War Department. While military drill is of inestimable value in the development of true manhood, it is also a great factor in the physical upbuilding of the students. As only a few students are qualified to take an active part in athletics, many students would have no means of physical exercise were it not for military drill. Regular and systematic military training cannot but help to improve the physical welfare of the student body at large.

Instruction is given through the year in company and battalion drill, the companies vieing with each other to maintain the best-drilled company. Company and individual competitive drill is held at the close of each year, medals being awarded the winners.

Some time each spring is devoted to target practice. Medals are awarded for the highest averages in marksmanship.

Promotions are made each year for military efficiency and general merit, each cadet working his way up from the ranks before he becomes a commissioned officer. Some of our new men this year have already been promoted, while, on the other hand, some men who have been at the University three years or more are still in the ranks. This plainly shows that promotion in military drill, as elsewhere, comes as a result of personal worth and endeavor.

First Lieutenant H. D. Coburn, who has so acceptably served as our commandant for the past three years, leaves at the close of this year. Lieutenant Coburn's many friends will be pleased to know that he recently passed the examination for a captaincy very successfully and will be assigned at the close of his present term.

STAFF.

H. D. Coburn, First Lieutenant, U. S. A.	Commandant of Cadets
I. I. Price	Major
L. A. Goines	First Lieutenant and Adjutant
H. H. Hill	First Lieutenant and Quartermaster
F. S. Sutphin	First Lieutenant, unassigned
S. C. Dickinson	Sergeant-Major
E. G. Hansen	Color Sergeant
J. F. Wilson	Quartermaster Sergeant

COMMISSIONED OFFICERS.

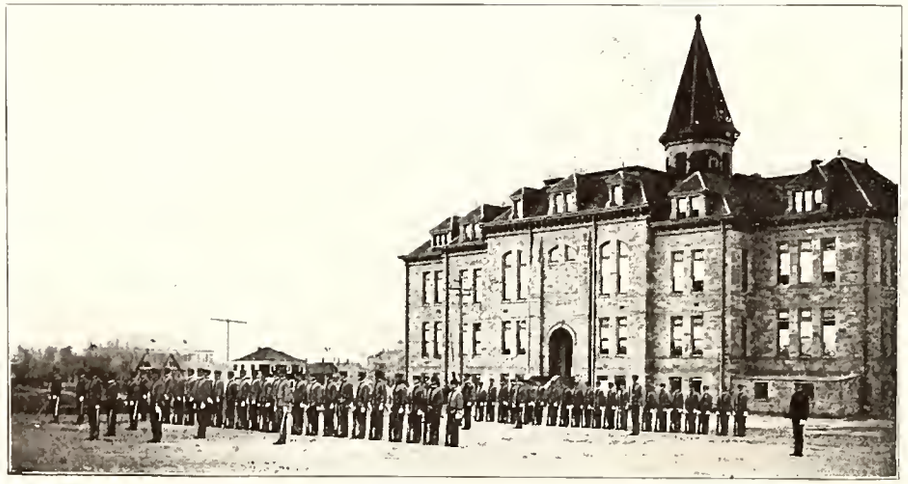
Company "A"		*Company "B"*
U. S. Grant	Captain	C. A. Jones
C. A. Crone	First Lieutenant	T. W. Peryam
S. H. Knight	Second Lieutenant	J. C. Peryam

NON-COMMISSIONED OFFICERS.

O. E. Prestegard	First Sergeant	E. P. Wilson
E. W. Fitz	Sergeant	J. L. Whitman
S. M. Fuller	Sergeant	F. W. Spafford
E. L. Knight	Sergeant	V. H. Rowland
C. L. Irwin	Corporal	E. L. Sederlin
L. A. Wolfard	Corporal	G. W. Goodrich
H. E. Drew	Corporal	Williams
T. J. Dodds	Corporal	

Cadet Officers.

BATTALION VIEWS.



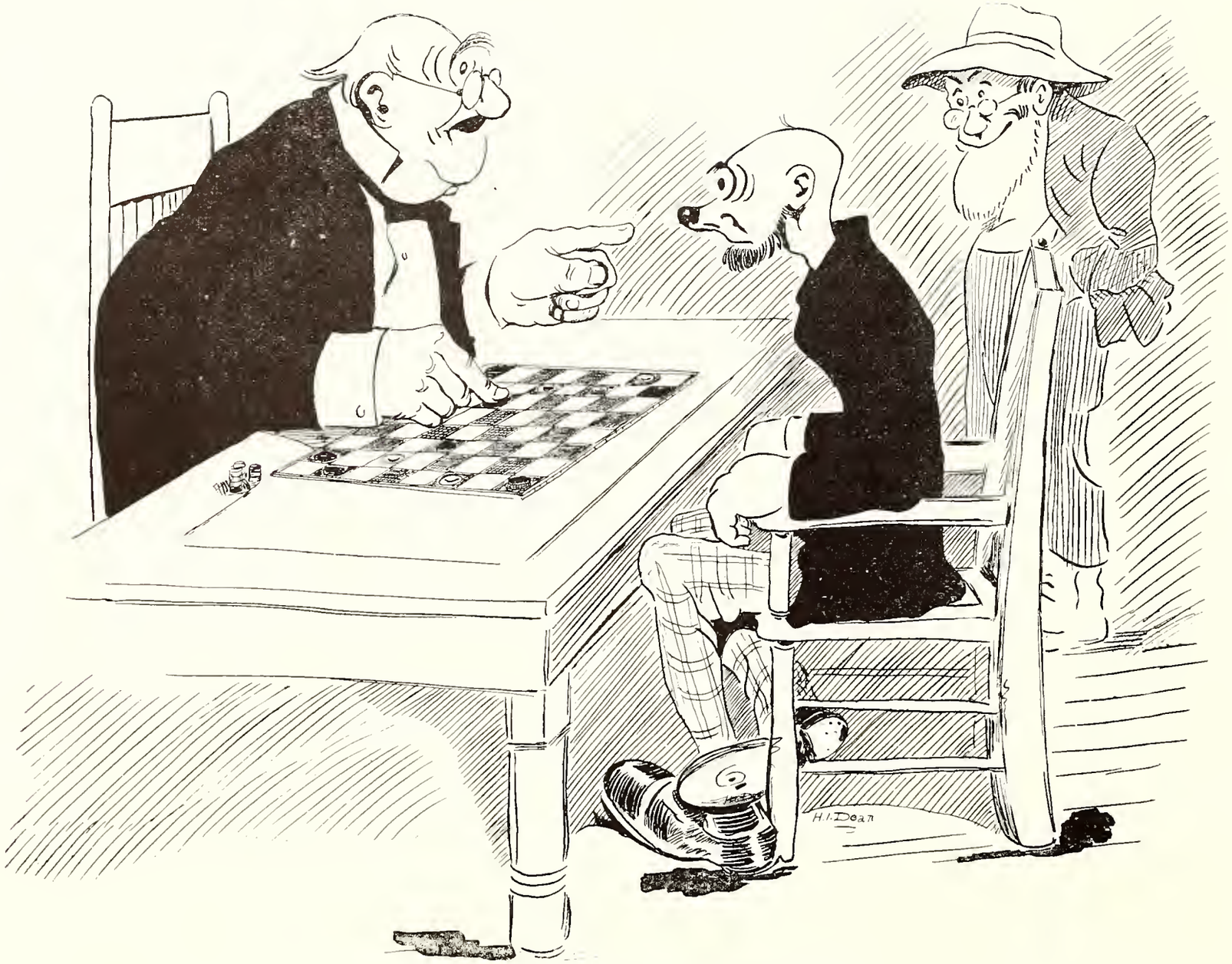
THE AGRICULTURAL CLUB.

Farmer Jones, President
Effie Bancroft, Vice President
Goodness Agnes Goodrich, Secretary-Treasurer
Muggy Knight
Jay C. Fitterer
The MANN with the hoe
Silo Fuller
Bungalow Hill
Auto Prien
Peryam Brothers (Tom & Jerry)
Bashful Harry Hill
Hon. James Wilson (not Secretary of Agriculture)
Pro-fusser Alfalfa Dandelion Faville
Muck Rakin' Harry
Holstein Oviatt
Chuckling Jones
Turnip Seed Parsons
Doc. Apple Nelson
Woolly McLay
Little Shaver Barber
Lazy Whitman
Bull Cheney
Fructose Eosine Hepner
All Chores Raiford

THE farmers, ranchmen, sheepmen and cattlemen (in embryo) gathered together recently and formed a trust for self-protection, to increase the cost of living, discuss fussing and a few other pertinent subjects. Farmer Jones was characteristic in his attitude as president. Although he is cultivating the dress-suit habit, it nevertheless is still difficult for him to keep his trousers out of his boots.

At the meeting to effect permanent organization we had the pleasure of a visit from the Hon. Jas. Wilson, who gave us a short talk. Alfalfa Dandelion Faville gave a few remarks upon the ethics of fussing. My Goodness Agnes objected to everything that was said. Johnny Bungalow became so enthusiastic that he says he will immediately take steps to move upon a homestead, although the homestead is not his own. Bashful Harry tried to crawl under his chair, but was pulled out by Auto. Muck Rakin' Harry was elected by unanimous consent as reporter, and we note that he is keeping up with his reputation. Holstein gave a discussion upon the best method of separating a cow from her milk, while Chuckling Jones chuckled. All in all, there was very much enthusiasm shown. Apple Nelson distributed a few of his favorite fruit, but Fructose Eosine refused to eat it until after it had been analyzed. Remarks too numerous to mention were made by other members. A heated argument ensued when a name for the club was called for. Alfalfa Dandelion, who had been reading the Siwash stories, wanted to call it the Alfalfa Delts, but Holstein held out for the Moo Cow Moos. After much discussion pro and con (especially con) it was decided to call it The Agricultural Society of the Wyoming University.

The club was organized with enthusiasm. Twenty-four plutocrats signed the constitution in which they were to corner everything in sight. The trust holds directors' meetings once in two weeks. Members are assigned topics which they discuss with enthusiasm, followed by a general discussion. Promenent stockmen and farmers are asked to address the club where convenient. These addresses are always to the point and much information is gathered. It is believed that the organization of this club by the Agricultural students is to be commended, for it means a real beginning of great accomplishments. By having this organization, Wyoming will be represented at the annual banquet given at the International Live Stock Exposition by the Agricultural clubs of the various colleges throughout the United States, and will soon let them know that Wyoming is on the map.



An Animated Meeting of the Agricultural Club.

Y. W. C. A. Cabinet.

THE MUSEUM.

IF there is any one thing which distinguishes the University of Wyoming from other schools, anything in which she stands out as a landmark to scientific circles, it is her museum. The museum has to its credit the fossil remains of the largest dinosaur known. One single limb bone from this great relic of prehistoric animal life is 6 feet 5½ inches long and weighs 1,400 pounds. This animal when living was about one hundred twenty-five feet in length. The vertebrae and head of another dinosaur of seventy feet length are ready for mounting as soon as the necessary funds are obtained to place the bones on the frame.

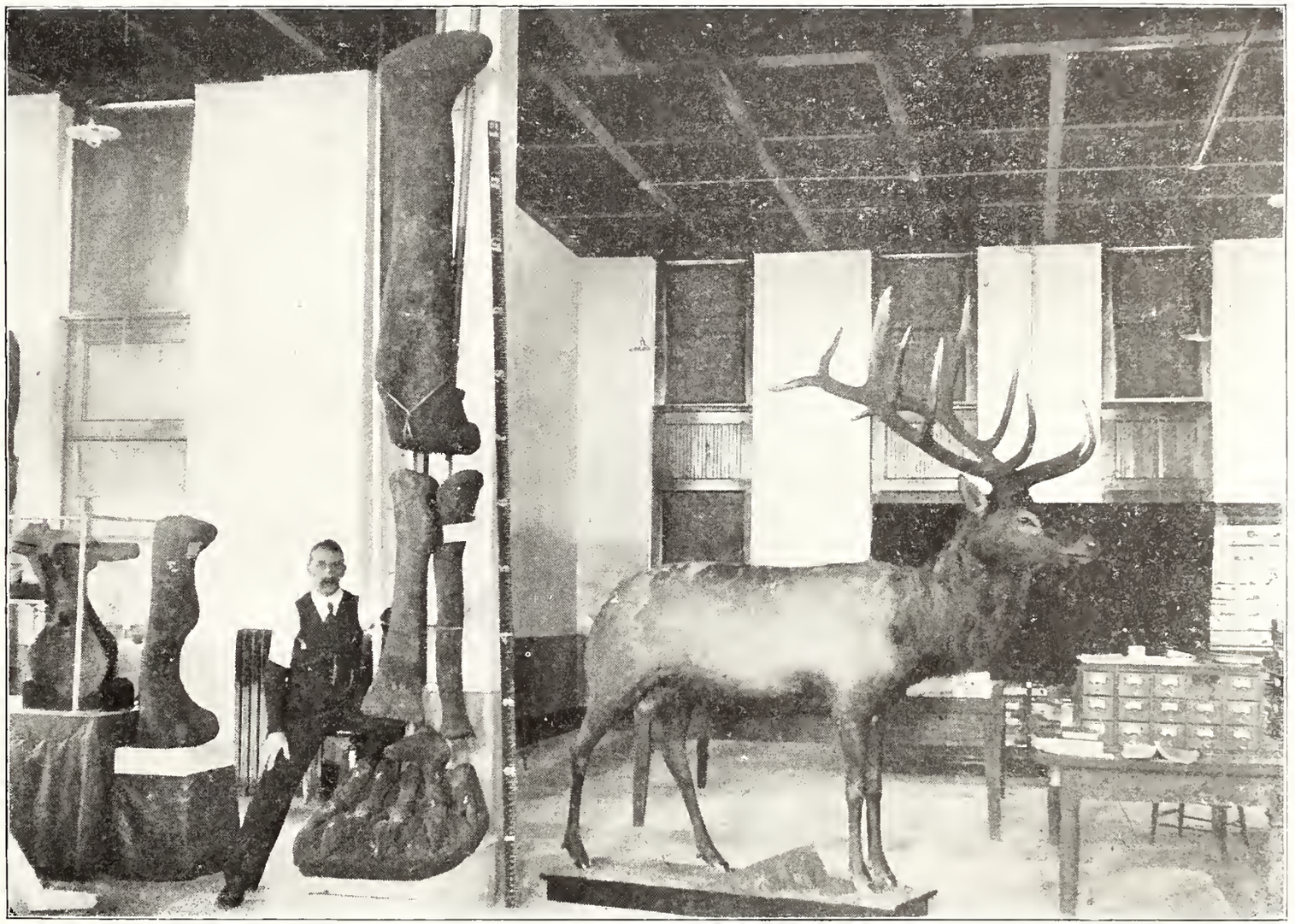
There are also the fossil remains of many different specimens of Ichthyosaurus, Plesiosaurus and other forms of early animal life. The Jurassic and Triassic periods are especially well represented. As representative of life of a later age may be seen the fossil remains of an animal somewhat smaller than the sheep of today which the most noted paleontologists of the country have decided to be the remains of a camel as it first appeared on earth. This is the first and only specimen of its kind ever discovered. Besides these, are countless smaller fossilized animals, some so small and frail that they cannot be removed from the matrix in which they were found.

Besides the fossils there are many collections of curios donated or loaned by public spirited citizens. Among these are the John A. Fischer collection of Wyoming animals, mounted; the Jackson collection of antique weapons and the Heavey collection of Philippine war trophies.

A great deal of credit is due Prof. Wm. H. Reed, the Curator and Instructor in Historical Geology. All the important fossils except some which the late Prof. Wilbur Knight discovered and brought to the University, have been located, quarried from the fossil fields and mounted in the museum by Mr. Reed. He is a persistent lover of nature and his eye is ever open to see and hand ever quick to grasp anything of interest to science. It is due to his painstaking methods and relentless efforts that people over the state are willing to intrust treasures of immeasurable value to the care of the museum.

Mr. Reed has been connected intermittently with the institution for many years, during which period he has won the friendship of every student who has enjoyed the privilege of studying geology under him, and of all the others, by his accommodating manner and pleasing personality.

The history of the Museum is being written by Mr. Reed and will be published with various illustrations sometime in the near future. No one is better fitted to write it than Mr. Reed, as he has spent most of his life in geological work in various parts of the country, much of the time in the fossil fields of Wyoming. He is thoroughly familiar with every phase of the subject and will give it a charm by his own characteristic manner, which cannot fail to arouse interest in our state and our University wherever it is read.



A Corner of the Museum.

BIOLOGY.

BY B. H. GRAVE, PH. D.

THE Department of Biology is directed by a good-natured Norwegian named Nelson, and no student should fail to take one or more courses under him for the purpose of getting acquainted with this genial man as well as a few dried plants.

The department has been unusually Grave this year, and the laboratory has frequently taken on genuine laboratory perfumes which at times rival those of the chemistry department, situated on the floor above. Those exuding from the latter, however, are more preservative in their nature and have this decided advantage for the student whose life is at a low ebb. Only real live students need apply for work in the Department of Biology.

The study of Biology is recommended as a subject to teach you some of the characteristics of the animated clay of which you are made. The mysteries of life are too deep to be fathomed, but enough can be learned to give an intelligent idea of what takes place in the body to maintain life; how a new individual comes into being and how he gets his complex structure. Strange to say, without knowing very distinctly what life is, the sudy of Biology clears up a lot of the mysteries connected with it, and we get a much more intelligent conception than we had before.

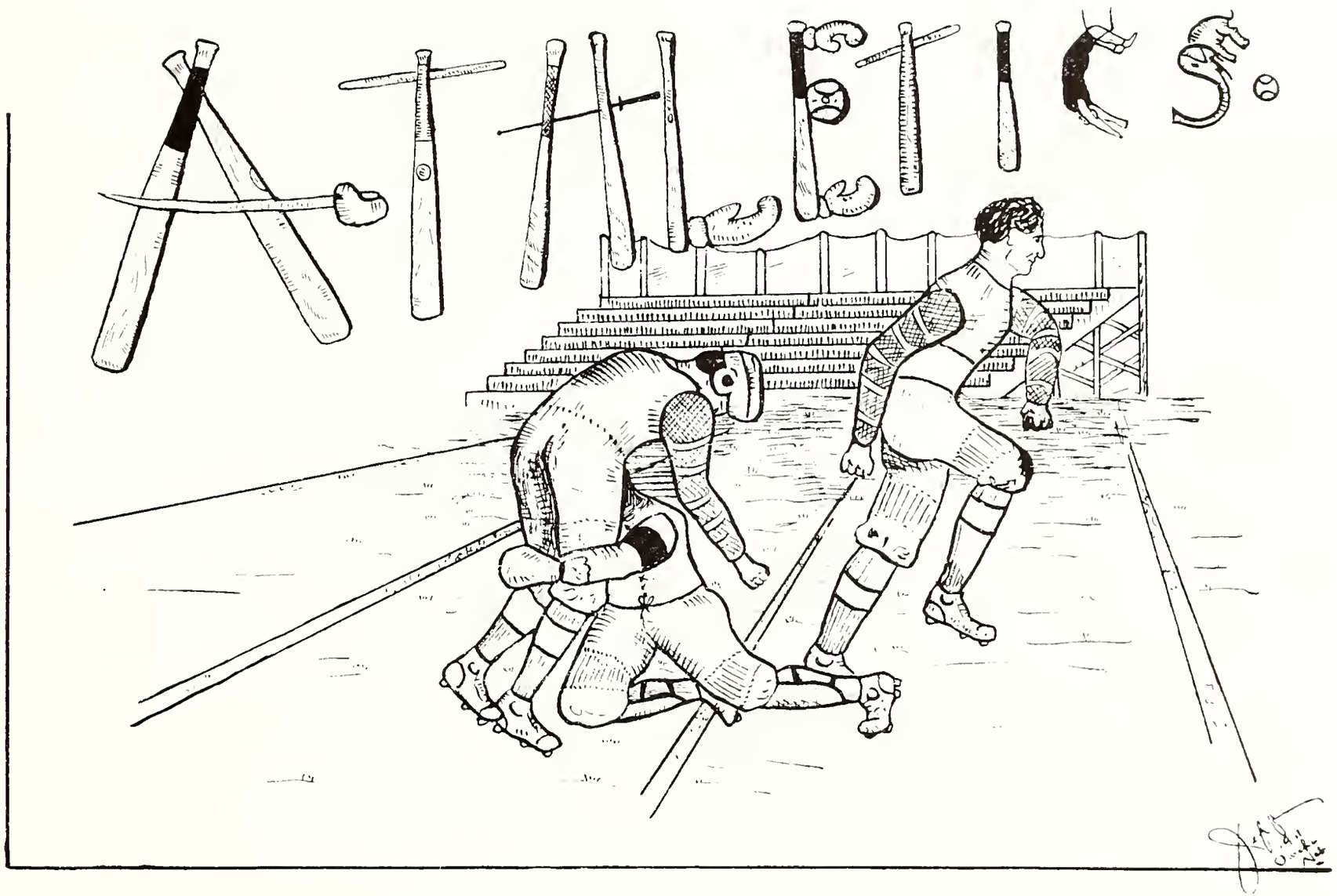
The study of plants or animals will suffice to do this for us, but a combination of both is recommended.

The department invites you all to take some work in this line, and students who become deeply interested are welcome to call it a major subject, provided that they are in earnest. As was said above, dead students will find the fumes of chemistry more preservative.

Biology is primarily a cultural study, but it has a practical bearing and certain courses have been arranged with this idea uppermost, as, for example, the courses in Economic Entomology, Vertebrate Anatomy, Economic Botany and Bacteriology. The course in birds is intended to give practice in the use of the classification key and to arouse an intelligent interest in a group of animals which adds much to the attractiveness of the country and which, though not generally recognized as such, is of great economic value to the farmer.

The student who is always asking, "What's the good of studying certain subjects?" meaning their value in dollars and cents, fails to get the best good out of a college education. Education should not be looked at from the practical standpoint too much. If you care to look it up you will find that the great discoveries were not made by practical men.

We recommend Biology as a cultural study whose chief function is to free us from many a foolish notion. Certain subjects have a wonderful power to broaden our vision, and chief among these are Astronomy, Geology and Biology. May I say that Biology is chiefest among them all? I must not tell a lie.


ATHLETICS

THE ATHLETIC ASSOCIATION.

OFFICERS.

E. D. Hunton ..... President
J. M. Jones ..... Vice President
O. E. Prestegard ..... Secretary
V. H. Rowland ..... Treasurer
S. H. Knight ..... Property Manager
Harry McCraken ..... Cheer Leader

EXECUTIVE COMMITTEE.

Faculty Members.

Lieutenant H. D. Coburn ..... Athletic Director
H. I. Dean ..... Coach
Prof. E. G. Hoefer Prof. F. W. Heyl

Student Members.

E. D. Hunton J. M. Jones
O. E. Prestegard V. H. Rowland
S. H. Knight

CAPTAINS, 1910-1911.

Heavy H. Hill ..... Captain Football Team
Oscar E. Prestegard ..... Captain Basketball Team

MANAGERS, 1910-1911.

L. A. Goines ..... Manager Football Team
S. M. Fuller ..... Manager Basketball Team

CAPTAINS-ELECT FOR 1911-1912.

Sam Fuller ..... Football Team
U. S. Grant ..... Basketball Team

MANAGERS-ELECT, 1911-1912.

S. C. Dickinson ..... Football
W. A. Hitchcock ..... Basketball

1910 FOOTBALL 1910

For many years the football team of the University of Wyoming has been an annual joke among the neighboring colleges. The Colorado institutions regarded Wyoming's team as a sort of philanthropic scheme to give their teams the necessary practice and at the same time not jeopardize their chances for victory. It was difficult to schedule a game with a Colorado institution after October, because the game would not be interesting enough to draw a crowd. Heretofore Wyoming's victories were limited to a game with Cheyenne High School or the Fort Russell soldiers. Utah and Colorado took turns in mopping the lime off the gridiron with our boys.

Things changed somewhat when Coach Dean came here the fall of 1909, and the team shaved a few tens off the scores of recent years and did some scoring a little on its own account. This was merely a foreshadowing of future events. Last fall Coach Dean turned out a team which was a credit to the University and to the state. To be sure, it was not a championship team, but taking everything into consideration and considering the marked contrast with the teams of previous years, we have every reason to be proud of our 1910 Varsity.

Coach Dean realized the necessity for pre-season practice and sent out a call for candidates before school opened. However, it was

impossible to get the men on hand, so the plan was abandoned. Practice began at the opening of school and twenty or thirty men responded to the call for candidates. The larger part of these men had had no previous football experience and the squad steadily dwindled until there were scarcely enough men to make up two teams. None of the men were heavy and only a few gave promise of any speed. With 14 or 15 men of first team caliber, the Coach proceeded to train the men as best he could for the hard schedule ahead of them. The men caught the enthusiasm of the Coach and worked together well from the start. Many of the old timers, who had followed the fortunes of previous teams, said that the men showed more snap and ginger than any team in years, and predicted a successful season. The result of the season fully justified the prediction, and in spite of the handicaps in weight and material Wyoming made a record which the larger Colorado schools considered little short of marvelous.

CHEYENNE.

The Cheyenne High School team came over to Laramie October 1 for a practice game, and the varsity with a crippled lineup took the long end of a 61-11 score. A little carelessness allowed the Cheyenne boys to secure two touch-downs, the first time they had scored on the varsity in several years. The game showed that the men needed training and defensive practice, and gave the Coach a line on some of his new men.

D. U.

The following Saturday Wyoming journeyed to Denver to meet Denver U. in the first match game of the season. The consensus of opinion was that Denver would win by 60 or 70 points, as they had done in the past. The newspapers freely stated that Denver would snow the "Cowboys" under. However, the varsity went into the game determined to wipe out the rout of last year and played with a grim determination never to give up. Although Denver outweighed Wyoming more than 18 pounds per man, the Ministers were glad to win 17-3, and two of their scores were made as a result of fumbles by the varsity. However, Wyoming convinced them that she is entitled to some consideration on the football field. The punting of Burgess was a feature of the game and materially contributed to our splendid defense.

The team was met in Laramie upon returning home by the Elks' band and the student body and a great celebration followed. The players were hauled around the streets in a wagon and cheered to the echo.

C. C.

October 15 the varsity went to Colorado Springs to play Colorado College. This team gave us the hardest game of the season as well as the worst defeat. The trip was a long and hard one and the players showed the effect. Moreover, this team was the heaviest team we met and outweighed us over 20 pounds per man. It was simply a case of being outweighed and outplayed. The first quarter ended 0 to 0. In the second period the Wyoming players could not recuperate and the first half ended with the score 17-0 in favor of the Tigers. After a 15-minute rest the varsity was somewhat refreshed and went into the game with renewed energy. The third period showed the result, for no more scores were made. Toward the close of the last quarter Colorado College managed to secure one more touch-down, making the final score 23-0.

This is the only team played upon which Wyoming did not score.

U. OF COLO.

Colorado University came to Laramie October 22 and played the first college game on the local gridiron. Burgess scored on Colorado by means of a field goal in the first period and for a time it seemed as if Wyoming had a chance to win; however, it was the same old story of too much weight. The "Cowboys" were gradually weakened

Football Team.

Top Row: Goines (Mgr.), Dean (Coach), Grant, Stough, Price, Tidball (Grad. Mgr.), Fitz.
Second Row: Oviatt, Rowland, Whitman, C. A. Jones, Langheldt, Burgess, Fuller.
Bottom Row: J. M. Jones, Hill (Capt.), Irish.

and Boulder finally secured a touch-down. Later they kicked two field goals and secured two points on a safety. Final score, 14-3. The game was a hard one from start to finish and Colorado was lucky to get that score. Wyoming was the only team to score on Boulder last season.

MINES.

With three weeks' practice before the Mines game, the players did not turn out to practice regularly, and nothing was gained in the interval. Saturday, November 12, the team played the Colorado School of Mines in Denver and lost a heart-breaking game 9-8. This was the closest game of the season. Wyoming had the game well in hand, 8-3, until the latter part of the last quarter, when Burgess was tackled so severely on the kick off that he fumbled and Mines recovered the ball near our goal line. Burgess was hurt and the Mines managed to secure the touch-down, and kicked goal, making the score 9-8 in favor of the Mines.

NEB. W. U.

Nothing daunted by the Mines disaster, the Varsity set out to win from Nebraska Wesleyan, at Laramie. Burgess was absent from the Wyoming lineup and this weakened the team greatly. The game was a hard-fought contest and the only score came in the first period, when Fuller picked up the ball on a fumble and ran thirty-five yards for a touchdown. The feature of the game was the forward passing of the Wesleyan team. However, when the local goal line was endangered the Varsity put up a stone wall defense and the Nebraskans could not win. Wyoming ran the ball well, but the play was extremely ragged. The final score was Wyoming 5, Wesleyan 0.

C. A. C.

The team wound up the season in a blaze of glory by defeating the Colorado Aggies 10 to 0. Burgess was back in the game, but John Jones, the center, tried and true, was out. This prevented the best work on the part of the team. However, "Smick" Price took the position at the last minute and played a very creditable game. Burgess negotiated a goal from the field in the early part of the game and in the next half Wyoming secured two points on a safety. In the last

Coach Dean.

few minutes of play Oviatt intercepted a forward pass and ran 40 yards for a touch-down. The Aggies were never dangerous, and with the regular lineup Wyoming's score would doubtless have been even greater. The rooters were wild over the result, for it is the first time in the history of the University that Wyoming has beaten the Aggies.

Coach Dean has placed Wyoming on the football map as he promised. The Denver papers have given him unlimited credit for the phenomenal progress this year. Wyoming had a hard season and made a splendid fight against overwhelming odds. Let us hope that in 1911 she will produce a championship team. But let us do more then. The student sentiment ought to support the Coach in his demand for training rules. Let us back the Coach and boost for the team all the time. When the students demand regular attendance at practice, when they condemn the breaking training, when the feminine crew have the spirit to refuse dates with players absenting themselves from practice, and, finally, when the men themselves appreciate the necessity of constant and consistent, long, hard practice, then and only then will our long-cherished dreams of championship be realized.

"W" MEN FOR 1910.

H. H. Hill (Capt. 1910)..... A. L. Pitz
S. M. Fuller (Capt. 1911)..... C. Q. Burgess
J. M. Jones..... Gilbert Irish
"Smick" Price..... U. S. Grant
C. J. Oviatt..... C. A. Jones

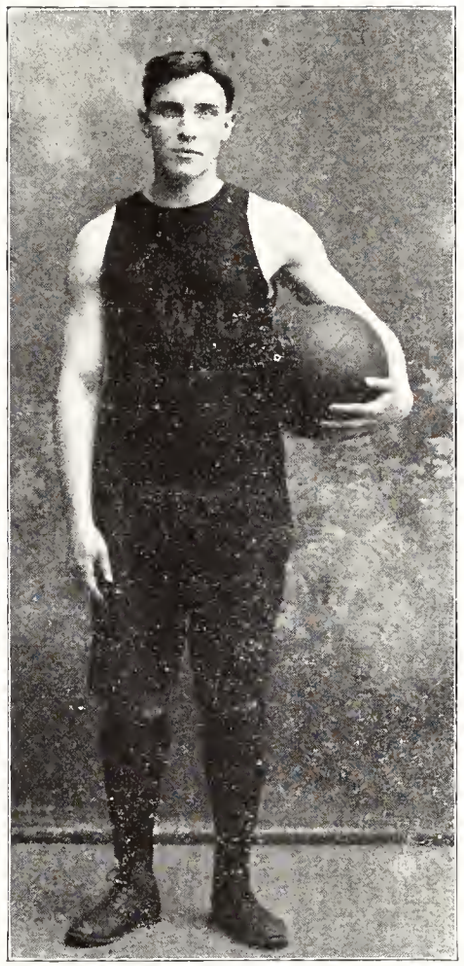
SCHEDULE FOR 1910.

Oct. 1, at Laramie—Wyo. 61, Cheyenne High 11.
Oct. 8, at Denver—Wyo. 3, D. U. 17.
Oct. 15, at Colorado Springs—C. C. 23, Wyo. 0.
Oct. 22, at Laramie—Wyo. 3, Colorado 14.
Nov. 12, at Denver—Wyo. 8, School of Mines 9.
Nov. 19, at Laramie—Wyo. 5, Nebraska Wesleyan 0.
Nov. 24, at Laramie—Wyo. 10, C. A. C. 0.
Total number points—Wyo. 113, opponents 51.

SCHEDULE FOR 1911.

Oct. 7—Colorado College, at Colorado Springs
Oct. 21—Colorado School of Mines, at Laramie.
Oct. 28—Colorado University, at Boulder.
Nov. 4—(?)
Nov. 11—Grand Island, at Laramie.
Nov. 18—D. U., at Laramie.
Nov. 25—(?)
Nov. 30—C. A. C., at Fort Collins.

COACH H. I. DEAN came to the University of Wyoming the fall of 1909 as coach of all athletics, and has certainly "made good." He is a graduate of Ohio Wesleyan University of the class of 1907, and has had a successful coaching experience. Dean was a prominent factor in the athletics of his college. He played football and basketball throughout his college course, and captained the basketball team for two years. In the latter branch of athletics he was especially strong and was chosen as forward on the All-Ohio team for two consecutive years, holding the state record for number of baskets thrown in a collegiate game.



Coach Dean.

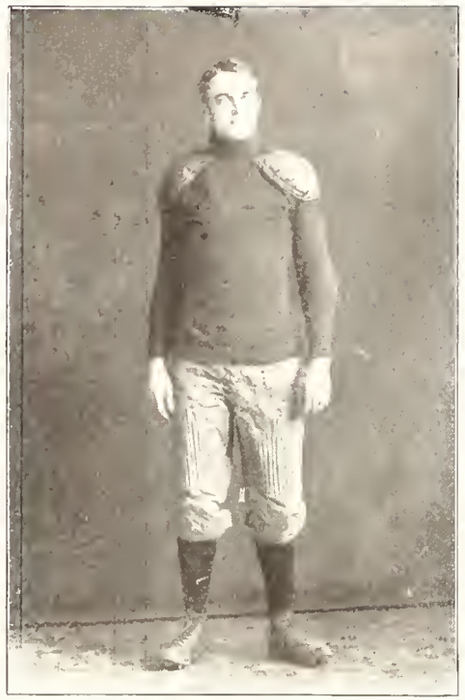
The football team has made remarkable improvement over the teams of previous years, and the Denver papers credit the coach with putting Wyoming University on the football map. Certainly the team last fall made a remarkable record, considering everything, and Coach Dean has demonstrated that the "game is not always to the heavyweights." Basketball would, no doubt, have improved under his coaching had the men turned out for practice and worked consistently, for Dean is a good player and knows the game thoroughly. However, interest in this branch of athletics lagged considerably last winter, and practice time found more players entertaining "dates" than practicing basketball. Already Coach Dean is getting a line on players and is confident of turning out winning teams next year.

HEAVY HILL.

As captain of the 1910 football team, Heavy Hill certainly "made good." Heavy entered the University as a Freshman in 1907. That fall he played tackle and again the same position in 1908, proving to be one of the best linemen on the team. He was out again in 1909, but was hurt in practice before any games were played, and, owing to this injury, was compelled to remain on the sidelines the remainder of the season. Although he had been out of the game for almost a whole season he was elected captain of the team for 1910. Heavy held this position well and insisted on all men training and attending practice regularly. His playing as guard was well worthy of mention. He is a Senior this year, and we deeply regret his graduation, for we will lose in him one of the best football men in the school as well as an all around good fellow.

Harry Hill.

SAM FULLER.



Sam Fuller.

Sam Fuller hails from Clinton, Ill., and has been attending the University for two years. He is president of the Delta Theta Kappa fraternity, manager of the *Student*, manager of the basketball team, and a Junior. Sam has proven his value to the football team in many hard-fought games. During the past two seasons he has played a brilliant game at left end. He is a consistent, hard-working, nervy player and has a habit of stopping almost everything directed toward his end. Sam always follows the ball, and we owe our victory over Nebraska Wesleyan to him directly.

The team had great confidence in Fuller and elected him captain for 1911, well assured that he is the man for the place. Sam is a leader among his fellows, and can be depended upon to do his best at all times. He knows the game well and can impart that spirit of fire and enthusiasm to his team-mates which is absolutely essential to a successful team.

C. Q. BURGESS.

Burgess.

Without doubt the most brilliant player on last season's team was "Neil" Burgess, Freshman. Burgess comes from Lorain, Ohio, and has all the earmarks of a natural athlete. He is speedy, stocky, and as a quarterback usually used excellent judgment in directing plays. Kicking is his strong point, and his long and well-placed punts greatly strengthened the Varsity's defense. His phenomenal goals from the field brought us many a point, and his spectacular running with the ball elicited praise everywhere.

Burgess was picked as quarterback on the All Rocky Mountain eleven by the leading football authorities, and was regarded generally as the best man for that position in this part of the West. We hope to have him with us again next year.

About fifteen or twenty men responded to Coach Dean's call for basketball candidates about the first of December. The team was not picked until after the Christmas vacation, but the time was spent in basket practice, passing the ball, learning the rules and in scrimmage work, which enabled the coach to get a line on the men. Three of last year's "W" men were out, together with several second team men and a few new candidates.

Prospects were bright for a good team, and no doubt this would have been the case had the players shown the right spirit.

After vacation the men were lined up as near as possible and signal practice followed for about three weeks.

The first game of the season was played on January 21 with the Greeley Red Sox. Both teams played fairly well, but Wyoming was inclined to slowness, lacked team work, and did not pass the ball fast enough. This latter fault stayed with the men throughout the season, showing up mostly in the games played on the Colorado floors. The men who played most of this game were Prestegard, Hunton, Grant, Pitz and Price. Other men were substituted toward the end of the game, however, as a tryout. The final score was 20-35 in Wyoming's favor. The game showed that the team needed hard practice and plenty of it to overcome the slowness and inaccuracy.

Practice followed for the next two weeks without a game. The men did not hurt themselves getting out to practice and made no effort to train, which facts account largely for the poor showing made toward the end of the season. About 4 o'clock in the afternoon, when the team should have been practicing you could look toward the "Dorm." or about the main buildings and see that one or two of the basketball men had other things to do. It was this way the whole season, usually getting in about two good practices in as many weeks.

On the night of January 27 a game was played between the Colorado Aggies and Wyoming. This was a fine game and the two teams were evenly matched. At no time did either side have the game won until the final whistle blew. The score stood 19-17 in favor of Aggies. In the first half Wyoming played well, being considerably ahead at the end of the half, but in the second half the Aggies braced up and Wyoming went to pieces, losing in the end by two points. Wyoming showed good team work in this game, but was slow in passing and also in throwing baskets, especially fouls, only one foul being made out of twelve tries. The same lineup played in this game as in the previous one.

February 11 Wyoming lined up against the University of Colorado. This was probably the best game of the season, both in the way the team played and in the score, one side being ahead for a time and then the other. It was a very interesting game. Colorado was weak in throwing baskets, but had excellent team work. Wyoming had good team work at times and poor at others. This game showed poor training on Wyoming's part, as near the end of the game nearly all the men were "all in," some of them being hardly able to get about. When time was called the scoreboard read 24-25 in Wyoming's favor, but this was an error as the referee had awarded one point to Colorado for some reason, leaving a tie score, 25-25. It was agreed upon to play five minutes to play off the tie. In this time Wyoming threw one foul basket and Colorado one field goal, leaving a score of 26-27 in favor of Colorado. The team in this game was the same, with the exception of Hunton, whose place was taken by C. A. Jones, who held the place the rest of the season.

The Cheyenne Athletic Club team, which was the old C. B. C. team, lined up against the University team on February 22. This is one of the fastest teams in the West and had beaten all other teams from this section of the country. They came over with the intention of beat-

Basketball Team.

Prestegard (Capt.), Jones, Pitz, Fuller (Mgr.), Price, Overton, Grant.

ing Wyoming 3 or 4 to 1 This was a good game but was rather one-sided the second half. At the end of the first half the score stood 8-9, but in the second half the C. A. C. men made baskets with ease and the final score was 33-18 in Cheyenne's favor. This game again showed lack of training on the part of Wyoming players, but this and the previous game showed that Wyoming had the material for a good team if the players would get down to business.

The following Friday the team left for Fort Collins with the intention of playing the Colorado Aggies, Colorado University and several other teams in Colorado. From Cheyenne we had to take an automobile to Fort Collins in order to get there in time for the game. We reached Fort Collins at 6 p. m. and the game was to start at 7:30 p. m., leaving us an hour and a half to warm up, eat and dress, which kept us hustling.

The game started out slow, owing to the number of fouls called, but later Dean saw that it would be impossible to call all the fouls, so let them play, calling only a few of the worst ones. The hall was small, the floor rough and the baskets loose, but we should have done much better even though this was the case. The men lacked team work, could not make baskets and were exceedingly slow in passing the ball. The Aggies took the lead in the start and remained in the lead throughout the game, the final score being 30-12. We were given a sort of barn to change clothes in, where water was six inches on the level, but after the game they took pity on us and let us dress inside. Everyone felt pretty much disgusted, for we had expected to win from the Aggies.

Saturday night we were scheduled to play the University of Colorado at Boulder. It was snowing hard all the time we were there, and we had to run about 200 yards through a foot of snow in our basketball suits in order to get to the Gym. The hall was smaller than that at Fort Collins and was also harder to play on. Boulder took the lead and kept running up the score until the game ended with a score of 65-12. Colorado had a good team and a fast one, and no doubt was much better than Wyoming, but the score does not represent the difference in the two teams.

It was hard to lose by such a large score after playing so close on our own floor. We had expected to play two or three games, but the manager was unable to secure any more games, so this closed the short season which we had.

This was a bad ending to make, but the players were glad to quit after such a showing. There seemed to be a lack of interest in basketball, this year especially, among the players. If they had gotten out and gone in for it right we would have had a good team, as we had good material and a good coach. So the season closed with one game won and five lost. However, the last two were really the only bad ones, the others all being some of the best ever played on the floor at the gymnasium.

SCHEDULE FOR 1911.

January 21	Greeley Red Sox 20,	Wyoming 35
January 27	Colorado Aggies 19,	Wyoming 17
February 11	University of Colorado 27,	Wyoming 26
February 22	C. A. C. 33,	Wyoming 18
February 24	Colorado Aggies 30,	Wyoming 12
February 25	University of Colorado 65,	Wyoming 12

INDIVIDUAL RECORD.

NAME.	*Goals.*	*Fouls.*	*Gms.*	*Total Pts. U.W.*	*Opp.*
Prestegard	21	2 out of 15 tries	6	44	10
Jones	7	15 out of 32 tries	4	29	16
Grant	7	0 out of 1 try	6	14	16
Pitz	11		6	22	81
Price	2		6	4	61
Hunton	3	0 out of 10 tries	2	6	6
	41	17 out of 58 tries	6	119	190

Considerable credit must be given to the second team for their work during the season. The work of the first team depends largely on the practice they get from the second team. Five men could not do much unless they had another team to scrimmage against. The second team must be given credit for coming out regularly and practicing. In this they were much better than the first team men.

The second team played three games during the season, one with the Rawlins Athletic Club and two with the Rawlins High School. They were successful in winning one of the games with the High School and lost the other two.

In the game with the High School on our own floor the second team beat them handily by the score of 48-12. Rawlins was lost on the large floor and could not even make the game interesting, but on the Rawlins floor it was just the opposite, only that the game was a little closer, resulting in a score of 23-8 in Rawlins' favor.

The game with the Rawlins Athletic Club was played on the Rawlins floor also. The men did not play well in these two games, lacking team work and being slow in handling the ball. The Rawlins men were much larger than our boys and were very rough throughout the game, although there was no dirty work. The final score was 32-14 in favor of Rawlins. The boys were treated well and had a good time in Rawlins and did not feel much the worse for the defeats.

The second team has some men who are comers. We depend largely on our second team furnishing men for the first team in later years and if the second team men continue to turn out there will be a good first team in a year or so.

There was no class basketball this year as there was last, as it did not get started for some reason not known.

The Aggies claim the department championship for the year and did not have to play for it either. Early in the season the Aggie students put up a challenge for a game with any other department. None accepted for some time, but finally the Miners accepted and a date was set to play. The Miners backed out twice and finally decided they did not want to play at all. Therefore the Aggies are entitled to the championship by default.

Second Barketball Team.
Fuller (Mgr.), Goodrich, E. Knight, Bancroft, H. Knight, Whitman.

BASEBALL.

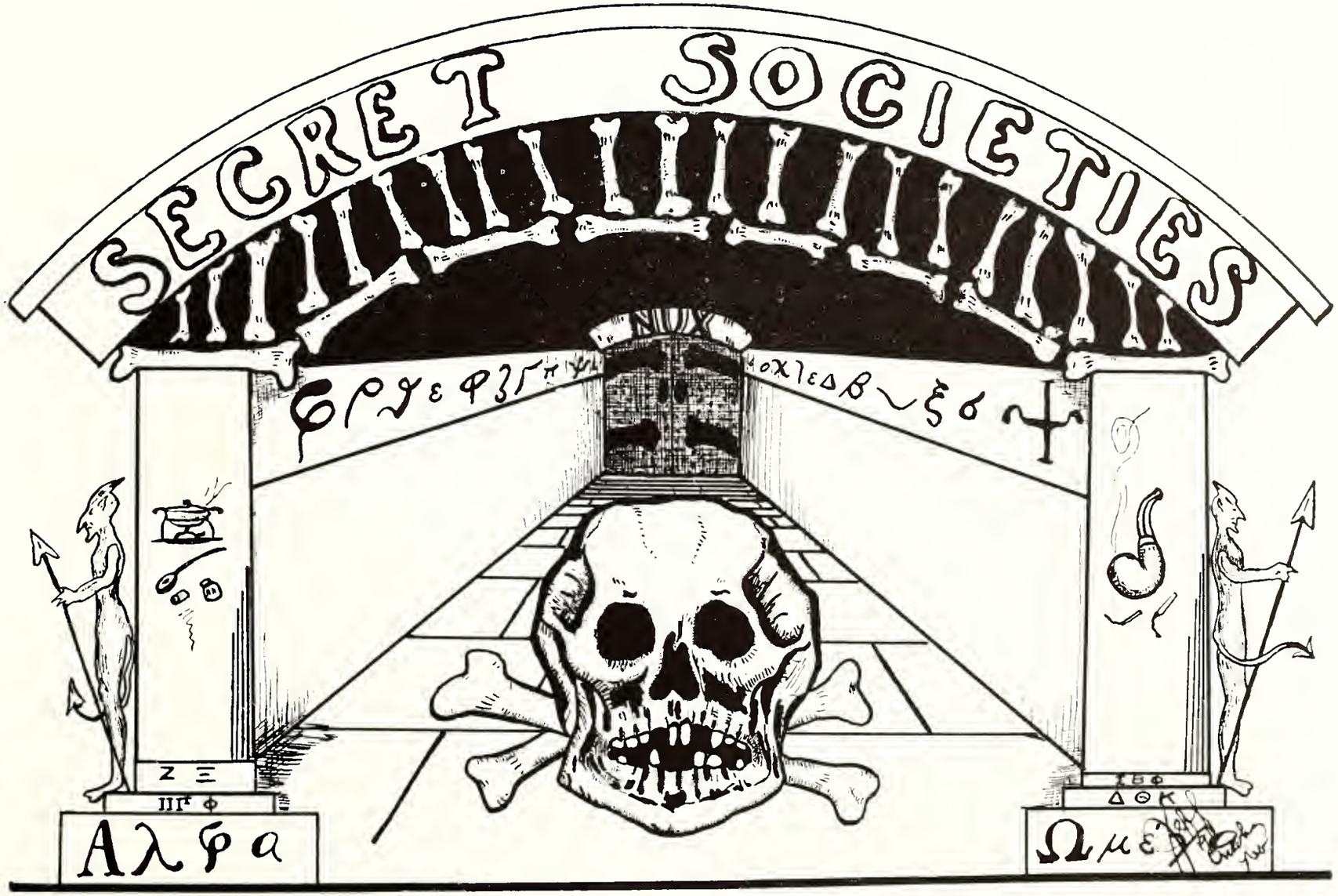
Here you have a motley bunch. They no doubt remind you of Coxey's Army or of Washington crossing the Rubicon. Everybody wanted to get in this picture, and it was with great difficulty that most of the rabble was restrained. By calling out the lieutenant's regulars and declaring military rule, we were able to keep most of the mob at bay, although a few slipped in who are not ball players in the technical sense of the word.

Baseball has never flourished at the University of Wyoming, but with proper backing this team will make a good record. The men are regular to practice and are enthusiastic over prospects. The schedule of games has not been fully completed, but the following can be announced, with two or three games with Colorado colleges yet to be arranged for:

April 29—Faculty vs. Varsity. Faculty 2, Varsity 10.

May 30—Laramie Professionals vs. Varsity.

The University Debating Society.


SECRET SOCIETIES
Αλφα
Ωμεγα

SIGMA BETA PHI.

Founded 1903. COLORS—*Maroon and Azure.* FLOWER—*Violet.*

FRATRES IN UNIVERSITATE.

E. Deane Hunton, Pres.
John D. Carr, V. Pres.
Leon G. Kennedy, Sec'y.
Ole C. Johnson, Treas.
Lewis Holliday
Morris E. Corthell
Chas. H. Rathburn
Iven I. Price
W. Wesley Price
John C. Peryam
Robert C. Corthell
Geo. G. Abbot
Samuel H. Knight
Sidney C. Dudley

FRATRES IN ABSENTIA.

Fred H. Platt
John W. Burnett
Geo. G. Peryam
Harold M. Symons
Peter L. Nelson
C. Joel Taylor
Walter Strache
Harry H. Price
Roy P. Akeson
Herbert L. Kennedy
Marcus H. Walker
Claude Elias
Thos. B. Hunton
Fred V. Skinner
Thos B. Doyle
Roy McGrath
Owen S. Hoge
Richard W. Knollin
Bruce S. Jones
John A. Smith
Wm. D. Thompson
Robert F. Gottschalk
Randall A. Campbell
Victor J. Facinelli
James Petrie
J. Geo. Wheeler
Marion N. Wheeler
Robert E. Guild
Lester S. Worthington
Viggo Jensen
C. Edward Casey
Earl Cady
Irving S. Keeney
Walter Hastings
Walter Storrie
Geo. W. Broadhurst
Clarence D. Moir
Elmer Ace

PLEDGES.

Mark J. Davis
Laurence Stough
Thos. J. Dodds
Wm. H. Cheney
Dean Covert

DELTA THETA KAPPA.

Founded 1906.

COLORS—*Old Rose and Green.*

FLOWER—*Pink Rose.*

FRATRES IN UNIVERSITATE.

Sam M. Fuller, Pres. — Oscar E. Prestegard, V. Pres.

Joe L. Whitman, Secy. — U. S. Grant, Treas.

F. S. Sutphin
H. H. Hill
S. C. Dickinson
C. A. Jones
Jim Wilson
Ward G. Goodrich
S. W. Symons
W. A. Hitchcock

J. M. Jones
A. L. Pitz
H. E. Langheldt
Oakley D. Overton
Ross Bancroft
Verner Rowland
C. Q. Burgess
Thayer Burgess

FRATRES IN URBE.

D. C. Foote

M. N. Grant

PI BETA PHI.

Founded A. D. 1867, Monmouth College.
COLORS—*Wine and Silver.*
Wyoming Alpha Chapter Installed 1910.

SORORES IN FACULTE.

Dr. G. R. Hebard
Iowa Zeta.

Dr. Agnes M. Wergeland

SORORES IN UNIVERSITATE.

Harriet M. Abbot
Mary Ben Wilson
Jean M. Douglas
Edith G. Miller
Theresa L. Langheldt
Wilburta Knight
Mae Merle Kissick
Dorothy Worthington
Laura Miriam Doyle
Trace Foster

Helen A. Nelson
Ethel Belle McGrath
Vera Clair Hollenback
Agnes R. Wright
Ruth Greenbaum
Marion Roberts
Alice M. Downey
Eliza Jane Aber
Mary Jones
Margaret Arnold

SORORES IN ABSENTIA.

Evangeline Downey
Margaret Aber
Louise Henkel

Maude E. Skinner
Mary Scott Embree

ZETA XI SORORITY.

Founded 1910.

FLOWER—*White Rose.* COLORS—*Green and Lavender*

YELL.

Zeta Eta Tau Alpha
Zeta Eta Tau Alpha
Xi Iota
Xi Iota
Zeta Xi
Sorority.

ADELPHAI.

CHARTER MEMBERS.

Mary Ethel Biddick
Mary Jones Bury
Sarah Loretto Butler
Henrietta Pearl Goodrich
Harriet Rosalie Goodrich
Eva Leonora Hansen
Mildred Elaine Hicks
Lella Cordelia Hunter
Esther Elizabeth Johnson
Emilie Marie Lundgren

MEMBERS.

Irene Dorothea Chalice
Marie M. Freeman
Edith Irene Hynds
Lucy Mays Taylor

SENTENTIA SELECTA—*Discipulus est priori posterior dies.*

ATHLETICS

Scene From the Pi Beta Phi Play.

A Group of "Dorm" Girls.

Zeta Xi Play.

SOME OF THE DEPARTMENTS

AS SEEN BY THE WYO STAFF

DESIROUS of giving an account of the progress at the Chem. Lab. during the past year, we hastened to interview Dr. Heyl, whose solicitous care is exercised, not only in directing the intellectual progress in the fields of chemistry, but whose eternal vigilance is also responsible for bringing the class of 1914 through with a minimum mortality.

Several assaults upon the department were driven back, as a mighty and constant eruption of sulphurous odors and breccia, which swept the winding staircase, made the ascent perilous. It is said that after a certain number of students have begun the lab. work any tardy members must necessarily absent themselves, the approach to the lab. being so hazardous. This is caused by a system of crazy flues, which eject blasts of prairie winds into the halls instead of transferring the vapors to the plains.

Upon one auspicious occasion we succeeded. Opening the campus door, we found that a prolonged experiment by the Biology department had demonstrated that about ten mongrels could live in the 4x8x3 hall which adorns the entrance to Science Hall with no exercise and less food. By crawling to the window, inhaling a gasp of fresh air (thus inflating our lungs), and holding our arms akimbo, the ascending vapors transported us directly to the attic.

We peeked into the office to see if anyone remained among the living. We espied the doctor with a sponge tied ovr his nose, absorved in Vol. XXVIII of the History of ————————. He said "Whadeyewant"? We respectfully submitted the cause of our visit. Upon learning that we had employed the ordinary means of ascent, he cried aloud for the officials, and Football Moudy, John Marshall Raiford, and Heavy Hill rushed into the room. Mr. Hepner came at once (about thirty minutes afterwards). To these scientists all of our most

demonstrative explanations were unavailing. They insisted that we must be phantoms, as no ordinary beings could have survived the passage through that terrible lower hall.

A Corner of the Freshman Lab.

After diverting the interview from the miraculous, we inquired as to the results of the good work during the year. "My dear sir," he said, putting his feet upon the only other chair in the room, "be seated. We have unquestionably developed a great deal of genius this year. Consider the illustrious names of Irish, Spafford, Pitz, Cook ——." A violent explosion interrupted the names of the Wizards. The doctor paused. "My dear sir, one of our most distinguished minds, a veritable Colossus (?) of intelllect, has had an accident. I refer to Assistant Goines. That man endeavors to emulate Sir Humphrey Davy, and is determined to succeed, if not in one way, why then in another." The doctor winked. "Sir Humphrey blew out an eye, you know, while experimenting with NCl_3."

At this moment blasts of iron-clad laughter echoed and re-echoed through the building. "Is someone suffering from the effects of N_2O?" we asked, endeavoring to indicate the retentiveness of our memory concerning the oxides of nitrogen. The doctor fell from the chair. "Ah," he said, "I fear Prof. Boyle has imperiled the lives of Hoadley and Dudley with that joke about decomposed diorite. Verily, someone will tell those gentlemen a real funny story some day and kill them."

"Chem. Sharks."

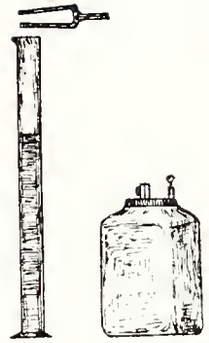
"You have, we understand, a late acquisition to your advanced classes—to research work, in fact." He meditated a while. "Ah,

yes, I believe we have a prodigy in Mr. Clark." The encomiums of approbation which he lavished upon this scientist were most surprising. "Mr. Clark will unquestionably lower the record in accomplishing Chem. IV, which is, you know, now held by Mr. Mate Wheeler, B. S., who set the mark at six days, ten hours, five minutes and one second, and breaking only $11.28 worth of beakers in that period. It was a remarkable performance."

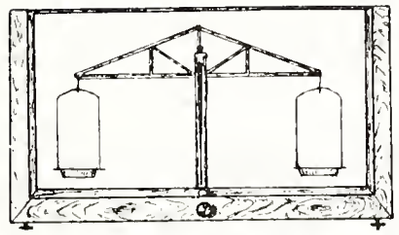
At this moment Mr. Bancroft, our esteemed Freshman debater, appeared, bearing a two-quart beaker bedecked externally with frosting. "Professor," he said, "I left this beaker in my desk several weeks ago, and as a preliminary to resuming my scientific work I began to boil it. Upon arriving at incipient ebullition, considerable material spluttered all over my desk and destroyed the cleanliness of Mr. Burgess' *clean* beaker." The doctor ordered Assistant Dickinson to hasten to Mr. Burgess' immediate aid in cleaning that beaker. "Well," said the doctor, "what are those drops inside the beaker?" "That is my filtrate from Group V. Shall I dilute it?" "I would." Bancroft departed. "Marvelous man," soliloquized the doctor. "He holds the record this year for examination of microscopic traces of his unknowns which remain after the major part has been annihilated."

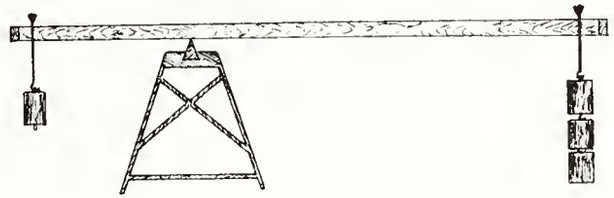
We observed that things seemed to move along as ever in the old way. "Yes, we have the same wonderful transmutations of matter and destructions of mass as every lab. witnesses. We frequently find, for example, that the element sodium is converted into iron and mercury in the progress of qualitative analysis."

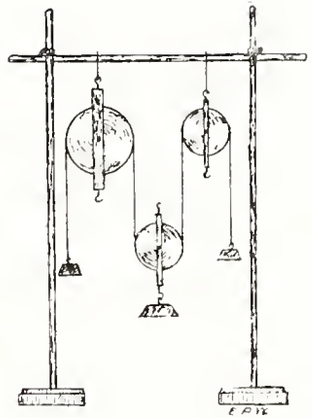
At this moment Moudy appeared with a small note book and pencil in hand. "What do you think about the prospects of the team next year?" Knowing that he was insane on this subject, we rushed into the hall, but, driven back by the vapors of the witches' cauldron below, we bounced back and jumped out of the window.



PHYSICS







ONE of the most elaborately equipped departments of the University of Wyoming is the Physics Department, which occupies five rooms on the first floor of the Liberal Arts building. It is provided with apparatus for the performing of experiments in preparatory and college physics, sound, heat, light, magnetism, electrical measurements and for class room demonstrations.

In writing up this department we found it necessary to refresh our knowledge somewhat, so decided to make a visit and ascertain the real virtues and benefits of the course, which (owing to our own stupidity) we were never quite able to fully appreciate.

Before starting we were very careful to see that Mose, the college mascot, was not with us, fearing that his presence might cause the repetition of a little incident which occurred last year. For the benefit of the readers who are not familiar with it we will briefly explain.

Mose, in a fit of hilarity, had run into the physics class room (a poor place for a dog). The professor in charge, glancing around the room with a haughty look, elected Goines (the runt of the class) dog catcher, and endeavored to convince him that the dog had followed him in and therefore it was his place to put it out. Goines took a look at Mose, whose fighting ability was then an unknown quantity, and declined, maintaining that the dog had not really followed him in. Each became more convinced in his own belief as the controversy continued. At length affairs were assuming a rather serious aspect. The fellow students sat with pale faces, appalled at what might happen, when suddenly the mighty Oscar E. Prestegard, peacemaker, slowly

and majestically rose and said in his musical tones, "Come, Mose."

The dog trotted to the door with "Preste," who patted him on the head and said in a gentle voice, "Go on, Mose, you are causing trouble in here." All was over. The students cast amused glances at each other, while the professor went into another room after some apparatus which he wished to explain in his lecture. Somehow it seems that a great man always rises to settle the problems of this world.

But I must continue with my story. Knowing the room in which the instructor's pride was most intense, we started for the main laboratory. As the professor was there we were very careful to wipe the dust from our shoes before entering, as we knew he was very careful not to get dust in that room and we did not wish to incur his enmity at the outset.

As we entered he greeted us with a terse "Good morning." We remarked that he had an excellent room for displaying and using the efficient apparatus which he had so judiciously purchased for the department. "Yes," he said, "have you seen all the new apparatus which has just arrived?"

We answered in the negative, and the game was on.

"This," he said, pointing to a long wire suspended from a nail driven securely in the wall, "is a delicately constructed arrangement by means of which the moment of inertia of a bar and ring can be measured so accurately that the moving of a microbe from one side to the other as the ring oscillates will cause an error in the result of one ten millionth of a part, whch will necessitate the student's repeating the experiment."

"That is certainly fine work," we remarked.

"Yes, and that's what makes engineers," he replied. "Anyone who has never learned to determine the inertia of a bar and ring to one ten millionth part will never amount to much in this world. This," he continued, "is a piece of apparatus fitted up with an automatic electric recording device. With this we measure the flexure in steel rods of different dimensions from which we work out the laws of bending, the modulus of elasticity, the coefficient of elastic resilience, the distance to Mars and the specific rigidity of a right homogeneous section cut through the earth at the equator and kept in the archives of Paris. This piece of apparatus cost five hundred dollars and is a standard. Everything we get here is a standard; then our results check with the results at Michigan.

"This," he went on, "is the new clock. It cost one hundred and twenty-five dollars and measures time accurately to the millionth part of a second. It has an elegantly finished white pine case and gold-plated pendulum, runs eight days without winding and ticks so softly that one can hear Prof. Knight cranking his atuo over in front of Science Hall. It's a great improvement over the old one."

He then turned to the galvanometers and said: "This is a Dead Beat galvanometer.* It cost twenty-eight dollars and is a good little galvanometer for what it is made. This one is a *D'Arson val;* it cost fifty-six dollars and is a very fine instrument; Everything about this is made right and they will detect a change in resistence of a wire caused by a single molecule of substance being altered in shape or composition. This next one cost fifty-four dollars and ten cents, the next thirty, the next fifty-eight and the next twenty-eight dollars. This double throw key cost eighty dollars. It has a platinum tip, a diamond thumb piece and is set in a mahogany block. I have ten more of them in the back room, so if we have a class of a hundred or so in electrical measurements next year, which we will have if the people find out what excellent training they can get in electricity in this school, we will have plenty of apparatus to accommodate them.

"This resistance box," he continued, "cost twenty-five dollars. I also have ten of these and have a dozen more on my ordering list which I will send in as soon as the board gets the ten thousand dollars to pay

*Named after the man who invented it.

the bill. This glass beaker cost three cents and this meter stick five cents. Professor Ridgaway got a dozen of these meter sticks when he had charge of this department."

He then called our attention to his new motor generator. "This," he said, "cost one hundred and twenty-five dollars and seventy-five dollars freight. It is one-quarter horsepower, makes sixty cycles and seventeen hundred revolutions per minute, uses ten amperes alternating current and develops direct current. It runs so smoothly that a seismograph will show no tremor when placed on it while running at full speed. This table upon which it rests was made to order for this department according to my own specifications. The lumber is Oregon pine purchased in Portland on special order. The bolts and screws are all of the best material. Wilbur A. Hitchcock designed it and Howell Knight made it. They worked steadily on it all summer."

We remarked that it was a well constructed table, as we glanced over a plain table about three by ten feet, having a lath on each leg for a brace.

"Yes," he answered, "Hitchcock is getting to be a fine architect. If he just keeps up with his physics he will soon be able to go to New York and fill Stanford White's place as an architect. He always learns his physics lesson so he can recite it without making a mistake, and that is what I like. It shows good, sound thinking and concentration."

We were then shown the large balances which, we were told, cost two hundred and seventy-five dollars net at the factory, would weigh accurately to the billionth part of a gram and should have a cement pier built for them to stand upon, but the legislature had not yet risen to the occasion and appropriated the necessary funds.

Not knowing anything else to say, we ventured to ask in an interested tone if they were made by the Fairbanks Scales Company. Immediately the professor's face grew crimson and we were told in curt and emphatic tones that "Those balances were made by Hans Von Dietschenschmidtsthein & Sons, manufacturers of scientific instruments in Germany; that it took six months for them to get here; the transportation charges were one hundred and fifty dollars, and that if they had not been imported duty free they would have cost over one thousand dollars, all told."

We saw that our chance for obtaining more information was small, so we beat a hasty retreat.

MATHEMATICS

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IN order to give the Mathematics Department a detailed and accurate description, we decided to spend a few minutes out of class time in looking over some of the things we did not ordinarily notice. As we neared the room, Mose dropped back, not liking the manner in which the professor applied math. (to him at least.)

On entering the room we were reminded of the catacombs of Rome and the interior of Westminster Abbey.. A formidable array of the perpetrators of brain-wearing theories and intricate formulæ greeted the eye. Archimedes, with his lines upon the Grecian sands, Euclid with his triangles and squares, Newton, on whose head the apple fell, and all the rest are given due attention—each plays his part in filling up the space around the room. Above these are charts containing the dire $\frac{dy}{dx}$'s and analytic equations. The charts are placed on the walls as "An ever-present help in the time of trouble," but are securely hidden during exams by fantastic draperies and rare tapestries.

In the rear of the room are several book cases containing the pipe dreams of various math. fanatics. We noticed in the collection a treatise on "The Fourth Dimension," which was added to the mathematics library for the benefit of L. A. Goines, whose thinking capacity had decidedly outswelled Integral Calculus and Theoretic Mechanics. We are told that this worthy gentleman takes great pleasure in proving the theories set forth in this book as a recreation on the morning after the night before and enjoys it as light reading before worship on Sunday mornings.

Another article of great interest is Prof. Ridgaway's patent marking machine, which he has used for twenty years and which has never been known to fail. This wonderful piece of super-natural mechanism was invented by the professor himself and is built on the principle of a roulette wheel. The revolving center contains thirty-eight slots bearing various grades. One contains "Passed with honor," two slots "Passed with credit," five slots "Passed," ten "Failed," and the remainder

twenty are marked "Flunked out of the class." Around the center of the wheel is a wooden rail having two grooves in which fit the flanges of a spool. A piece of slate is attached to this rail.

The manipulation of the machine is kept a secret, but it is quite evident that the spool is started rolling around the rail while the name of the student to be examined is written on the slate. When the spool stops rolling it drops in one of the slots, which determines the student's grade. We are inclined to think that this machine could not have been standing level at the end of the last semester, as all the junior math. class received the same grade and, miraculously, all passed.

We were figuring on a system to beat this machine when we were suddenly disturbed by the voice of Wilburta singing a charming little love song in the hall. Enchanted by this music, we rushed to the door only to see Wilbur explaining his latest plans for a bungalow to Wilburta, who was listening with utmost care and attention as she sung softly to lend enchantment and encouragement to the noble young architect. As we never like to molest anyone in such a happy pose we retired through a window in the back of the room and left the couple happily planning their new home.

"Slide-Rule Fiends."

THE DEPARTMENT OF CIVIL ENGINEERING.

ONE of the most striking features of this department is the slide rule. Here we find it in every form and for every purpose, in every size and of every material. Slide rules made of paper, slide rules of celluloid, slide rules of wood, slide rules of metal, straight and disc, cylindrical and flat. With these one can determine almost anything, from the amount of your board bill at the Commons to when the next exam in hydraulics is due. The editors of the *Student* have even purchased a slide rule with which to figure out material for publication. (Incidentally, they might well get another one with which to devise some method of getting the paper out on time.)

Slide rule operations, however, are not the only undertakings in which great efficiency is developed. More applied mathematics per square inch of blackboard may be viewed per second in Prof. Fitterer's class room than in any other place on earth. One may enter the room at most any time and find the Prof. seated in an arm chair which he slides along in front of the blackboard while he constructs a valvoid arch or develops some new theory for the planimeter or works out some curve of the 5th root or the 17th degree, as the wind shrieks through a hole in the wall which Sumner Grant cut out last year so that he might talk to Ethel even when she was in the next room.

Although the laboratories and class rooms of this department are not arranged quite as conveniently as those of some courses more abundantly blessed in the way of conveniencies, still its accomplishments and the opportunities it affords are second to none in the institution, and the instruction offered here is inferior to that of no engineering school in the country.

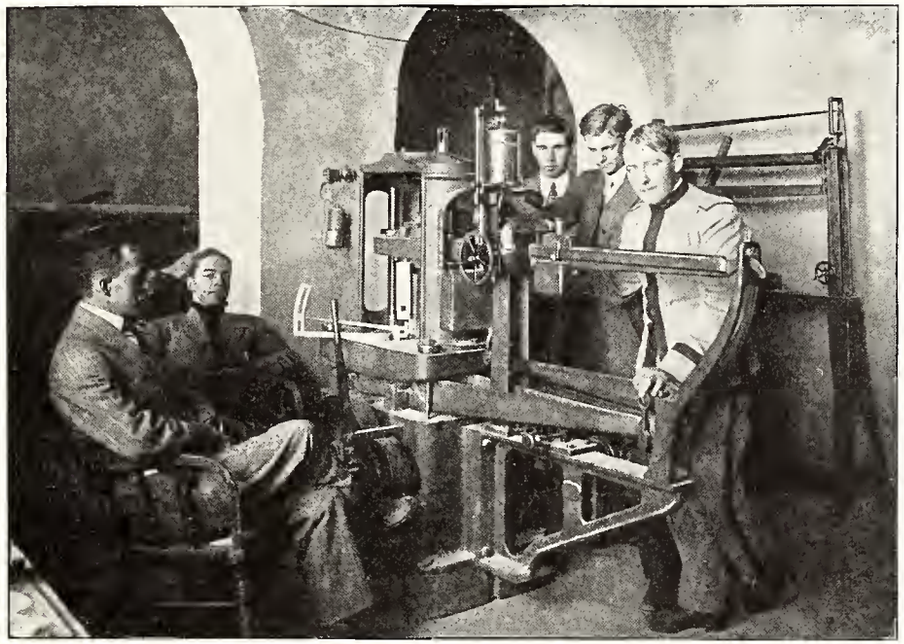
We must admit, however, that the railway which the class in railroad construction attempted to build from the campus to the Laramie brewery was never completed. The cause of this, as in the case of the Denver, Laramie and Northwestern, is still a mystery. It was not, however, on account of lack of capital, as most everyone in connection with the University was ready to boost either a railroad or pipe

"Civils."

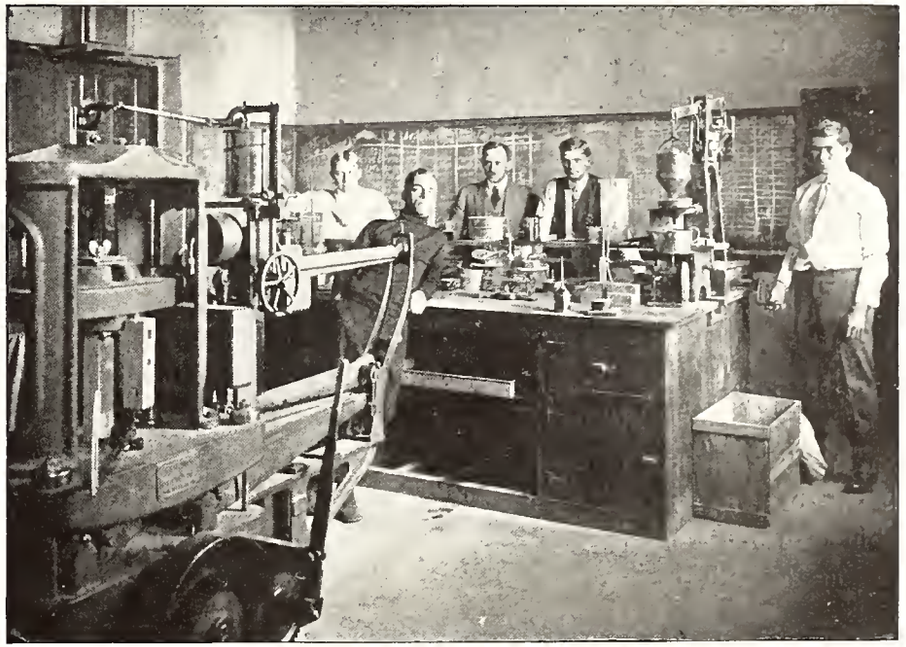
line between the two points, although many preferred the latter project. It may be of interest to note that the idea of a pipe line was especially favored by the professors. Practically all of the male members of the faculty have approached us on the quiet with an offer to subscribe stock. The failure of completion might be attributed to the fact that

Jimmy Wilson and John Mullison were never able to make their levels check out any closer than seven feet.

The University is indeed fortunate in securing Prof. Fitterer as director of this department. Prof. Fitterer was formerly employed by the Reclamation Service of the U. S. Geological Survey, besides having had a wide experience in many other lines of civil engineering. He is a thorough, careful and practical man, broad-minded and considerate, admired and respected by all who know him.



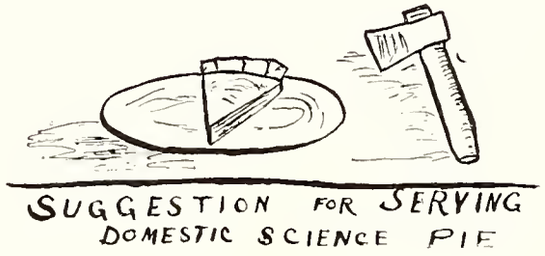
"Civils" Testing Timber.



View in Testing Lab.

HOME ECONOMICS.

Here.



Hereafter.

THIS school has not yet offered the course in The Making of Infants' Clothes, The Hygiene of Childhood and How to Manage a Husband, which we understand Miss Mary Raush, who is in charge of the Home Economics Department of our sister rival, the Colorado Agricultural College, has included in the curriculum of that school. However, we feel certain that Mrs. Knight, the Dean of Women, is both competent and willing to give practical and valuable information to any of the young ladies who are seriously concerned in these important subjects. Dr. Hebard and Dr. Downey are also noted for their deep thinking and scholarly discourses on the Philosophy and Psychology of the Home and Home Management.

As the accomplishments of some of the students of the cooking class who decided to put their knowledge into use are rather interesting we will, with appreciation of the heroines of the episodes whose names we dare not mention, narrate a few of the most spectacular:

One young lady, formerly of Kansas City, attempted to make

pancakes according to the cooking school recipe. Soda appeared in the recipe by its scientific name of sodium bi-carbonate, which the young lady could not interpret and so omitted it as she mixed the dough. The cakes were accordingly heavy and of such a quality that even the baby cried when he tried to eat them and the dog went to the neighbors' that morning for his breakfast.

In another instance two young ladies, one of whom has completed the Domestic Science work and the other an accomplished pianist and also a student of the cooking class, were entertaining their favorite gentlemen friends and in the course of the evening decided to make some fudge. The young lady at whose home the incident occurred proceeded to get the necessary ingredients as the other made the candy. Being rather a stranger in the kitchen, she mistook a package of Epsom salt for soda, and the other, supposing it to be an Epsom salt brand of baking powder, put it in the fudge. Those present report the fudge as the best they ever ate and the mistake was not known until the next morning when the mother of the hostess discovered the package on the kitchen table.

Members of the advanced class in Food Economics are required to give a dinner prepared by themselves as a final examination.

One young lady who had ice cream on her menu discovered shortly before that course was to be served that in making her ice cream she had forgotten to put in any sugar. At first she was disheartened, but being possessed with unusual tact she soon framed up a bluff. Carefully concealing her embarrassment as she served the unsweetened ice cream she announced to her guests in a most clever manner that she had decided to serve in place of ice cream mustischki des muddlewascheske, which was a rare but most favorite dish among the Russian nobility of St. Petersburg. The guests, who are always expecting something select on these occasions, were delighted and conferred many gracious compliments on the young hostess for the unique and most exquisite surprise.

The class in cement testing succeeded in securing a piece of bread which was made by the cooking class under the direction of Miss Wilburta Knight.

The loaf had been removed from the pan by the use of an axe, no other instrument proving equal to the task. The sample which they captured was from the middle of the loaf, so was not burned, but was a little doughy in some places. The report of that class on the bread when subjected to the standard tests made on cement building blocks was submitted and verified by the professor, as follows:

Color—Light gray, streaked with dark brown and black.

Weight—Seven hundred pounds per cubic foot (little less than metallic lead).

Density—Undeterminable, as there was no apparatus in the laboratory suited to measure the density of such substances.

Compression—Seven thousand pounds per square inch (about the same as pure Portland cement).

Elasticity—Did not stand well, as it was too soggy to hold together.

Remarkss—Showed remarkable resistance to acids, alkalines or solvents of any kind.

(Signed) CEMENT TESTING CLASS.

March 23, '11.

O. K., J. C. F.

We were informed, however, by the instructor in Home Economics that this sample was taken from a poor baking and that their average bread would not go over one hundred pounds per cubic foot.

The city fire department was called out one afternoon in March by the screams of a young lady in the cooking class on whose hands another young cook while absently musing over "that happy day which will come next July" had poured a pan of hot fudge.

THE MINING DEPARTMENT.

THE Mining Department has been established in the University for many years. Its students have always had the opportunity of studying under the most competent mining men that could be procured. At present the department is under the direction of Prof. A. C. Boyle, a graduate of and formerly a professor at Columbia. Prof. Boyle is a careful student of geology and is well informed on every phase of mining. Although he has been here but one year he has already won the friendship of all the students. He is always ready to assist them in every way he can and has spared neither time nor trouble to make the course as interesting and beneficial as possible.

Whenever the mining students go out under his instructions large quantities of rocks are brought back with them as samples. It is thought that at the present rate at which specimens are being taken from Sheep Mountain it will be a mere mole hill on the Laramie Plains within three or four years. People became so alarmed after our trip to the Rambler mine that it was reported that the Mining Department was about to reproduce the Pyramids of Egypt on the University campus.

The course of study offered in a mining school is such that visits to places of geological interests and districts of mining importance are necessary to properly instruct the students as to agencies instrumental in bringing about various geologic conditions, and the methods by which substantial conclusions concerning these may be reached. Perhaps the brief narration of a couple of our trips may be interesting.

THE GEOLOGY PICNIC TO SHEEP MOUNTAIN.

This trip was taken in the early part of November, and its object was the study of igneous rocks of that locality. The presence of several co-eds added greatly to the success of the trip, though very little was accomplished in the study of geology. ("*Cherchez la femme.*") Howell Knight, however, succeeded in teaching Prof. Boyle and Prof. Reed a great deal about the formations and things in general. This young man is always very generous with his knowledge.

The party took the Hahn's Peak to Wright's ranch, where they immediately paired off and proceeded to climb the steepest peak of Sheep Mountain. Prestegard and Hunton took turns in extending an assisting hand to Miss Campbell; Dr. Grave accompanied Miss Corthell, who charmingly entertained him with funny stories about Teddy Roosevelt entering heaven and the crazy woman at the insane asylum. Lee Wolfard did his best towards keeping up a conversation with Miss Nicoll and John Carr fell desperately in love with Miss Brooks (he hasn't gotten over it yet, either). The remainder of the party endeavored to keep out of the way and collect specimens for the department. On reaching the station on the return the girls decided that the Prof. did not have samples enough in his grip, so filled it with boulders which he tactfully took to the class room and gave to the class in rocks to analyze.

TRIP TO THE RAMBLER MINE

Our next trip was to the Rambler copper and platinum mine, in acceptance of the kind invitation from Supt. Dart, formerly professor of mining at the University. Prof. Reed was a member of the party as far as Sheep Creek, where he stopped to fish. Preste begged to be allowed to stop, too, but Bill informed him that he had plenty of bait and besides wasn't looking for suckers anyway.

We left the train at New Albany, and after eagerly devouring one of Mrs. Vincent's excellent dinners continued on our journey in a bobsled. Eugene Willson (who is, however, no relation to the famous

conversationalist, Mary Ben) talked so loud and fast that the driver could hardly keep his team going. Blondy Dickinson, Presty's brother Swede, slept most of the way. Preste amused himself by reciting the Chariot Race from "Ben Hur," but before reaching the mine became so downhearted that he was contemplating suicide. On our arrival, however, he met several of his fellow countrymen and his spirit soon revived. John Carr amused himself by imparting general knowledge, Heavy Hill told us some new cuss words and Tubby Crone had a lot of fun over an empty bottle which found its way in the Prof.'s grip and for which Goines was blamed. (We don't know who had the fun of emptying it originally.)

We were very graciously welcomed on reaching the mine by Supt. Dart, Mr. Worthington and several other former U. W. men. First off, we were shown through the concentrating mill, after which we proceeded to put the cook shack on the hummer. After supper we retired to the bunk house, where Carr held the people of Holmes spellbound with his tales of darkest Africa.

The next day we visited the underground workings and collected more "horneblende diorite" than has been taken from all the rest of the mines of the state in the last ten years. That evening, under the direction of the Prof., we each took a sheet of paper and prepared a little sermon on what we had seen. Some of the embryo miners appraised the platinum at $42.00 per ton. (Its value is about that much per ounce.)

We then walked around the pearly streets of Holmes for a short time and retired to our cabin. We were joined by some of the mine men, who brought with them some limberger and weinies and what goes with that and we proceeded to hold a short devotional service, Preste reciting "Ben Hur" again and Goines singing several sacred selections. The next morning we started on our ten mile hike to the railroad. We had to hoof it as the snow had thawed just enough to make it impossible to get a team over the trail.

Geology Class at the Rambler Mine.

The trip was a success from start to finish. Heavy Hill, whom we all thought would disgrace us, behaved very well. Throughout the entire trip he made only three or four bad breaks and only swore twice at the table.

We reached Laramie the next evening, and all united in declaring Mr. Dart and the boys at the mine excellent entertainers and good fellows.

THE VETERINARY DEPARTMENT.

SOMEONE told us that there was a Veterinary Department located in the Science Hall, so we took our little lantern, like Diogenes of old, and started out to search for it.

The Profs. on the first floor told us that we were mistaken, and we were about to give up in disgust when we ran across Dr. Heyl up in the Chem. Lab. patiently endeavoring to convince a class of bone-headed Freshmen that experiments in hydrogen sulphide should be carried on in the hood instead of in the open laboratory. In reply to our queries this worthy disciple of Job informed us that while he was not absolutely sure where the "Vets" were located, he thought it must be in the basement, as Dr. Prien was continually mooching test tubes and carrying them in that direction.

Acting on this hunch, we went to the basement and stumbled on the object of our search quite unexpectedly. Opening a door to the left of the entrance to the Museum (in order to keep out of Billy Reed's way), we found ourselves in a small, dark room about 10x20 feet, the walls of which were literally covered with racks in which were countless test tubes containing cultures of various sorts. There were several cases (presumably containing microscopes), also two or three incubators and electric ovens on a table at one side.

The remainder of the equipment consisted of live stock. In fact, the other end of the room looked like a miniature reproduction of the Denver Zoo. There was a box of white rabbits, a cage of chickens and two or three pigeons in one corner, while the other reminded one of Ellis Parker Butler's story, "Pigs Is Pigs." In front of all this, reposing peacefully on a pile of gunny sacks, Tom Peryam was sleeping the sleep of the righteous. By crawling over him we reached "Agnes" Goodrich, who was seated at a table trying with the aid of a microscope to locate a particular kind of three-legged bacillus on a slide. "Agnes" began to look very wise as we approached, and we would have undoubtedly mistaken him for the professor had not an automobile horn sounded out front, followed immediately by the entrance of Dr. Prien.

The Veterinary Department.

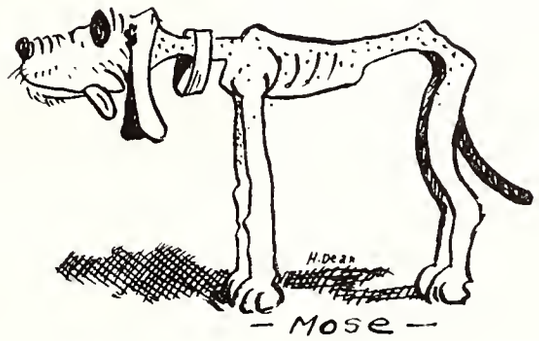
"Boys," he said, at the same time laying a couple of packages on the table, "here are the stomachs of a couple of sheep, sent in by an up-state rancher. He thinks the animals were poisoned by death-camis. Run these and make out a report as soon as you can. Here also is a quantity of blood from a horse which died rather suddenly.

Blooded animal, too. Looks like a case of anthrax. Dip into this. I've got to go down town now and rustle a camp outfit for that experiment work up near Medicine Bow."

He was about to depart when one of the boys called him back. "See here, Doc," he said, "we can't do anything with this stuff. There isn't enough room to carry out the work you gave us last week, let alone anything additional."

The doctor shrugged his shoulders in a manner that meant more than words. "I know you are working under difficulties," he said, "but it can't be helped. I don't like to work in a lab. the size of a hall bed room any more than you do, but we haven't the money for more apparatus or the room to put it if we had it. Just do the best you can. The weather is getting mild now, so it won't be long before we can go out on the roof for class work and recitations. That will help some." A pleasant "good day," and he was gone.

"The doc is sure right," said one of the students a moment later. "This place is so doggone small that if we get another student in here we will have to paint a table on the wall for him. As it is now, we have to back out in the hall to turn around. That's what gets me sore. It looks as if I will have to go somewhere else to finish up my veterinary work. I have crammed all the bacteriology and histology and pathology into my cranium that I can possibly absorb, but I can't get anatomy in the way I ought to get it because we haven't any lab. for it. And there are several other things besides that a fellow can't get here for about the same reason. As far as the course goes it is as good as the best, but the trouble is that it doesn't go far enough. At any rate, I'm going to stick here at 'Wyoming' another year. By that time I can get a B. S. in Agriculture and maybe there will be a full Vet. course here then so that I can complete that, too."



LIST OF ADDRESSES DELIVERED AT STUDENT ASSEMBLY IN THE UNIVERSITY AUDITORIUM AT 4 O'CLOCK MONDAY AFTERNOON.

Oct. 3. Professor J. F. Soule—Suggestions to Freshmen as to the Proper Use of Their Time.

Oct. 10. Dr. A. Nelson—The Resources and Opportunities of Wyoming.

Oct. 17. Professor H. Merz—Patriotism.

Oct. 24. Professor C. B. Ridgaway—Achievement vs. Success.

Oct. 31. Dr. A. M. Wergeland—Walks in London.

Nov. 7. Dr. J. E. Downey—Children That Deal Corruptly. (An original story.)

Nov. 14. Dr. G. R. Hebard—The Library and the Book.

Nov. 28. President C. O. Merica—The Higher Value of Athletics.

Dec. 5. Dean A. G. H. Bode—Student Life in Australia and at Oxford.

Dec. 12. Director H. G. Knight—A Visit to Washington and St. Louis.

Dec. 19. Professor J. C. Fitterer—Modern Miracles, Engineering Works of Today.

Jan. 16. Professor E. G. Hoefer—Industrial Education.

Jan. 23. Professor H. Middlekauff—The Relation of Four English Writers to America.

Feb. 6. Professor A. E. Bellis—The Study of Physics.

Feb. 13. Captain H. D. Coburn—Some Phases of Philippine Life.

Feb. 28. Professor A. D. Faville—Some Agricultural Possibilities.

Mar. 6. Rev. R. H. Ayers—The Work of the Anti-Saloon League.

Mar. 13. Professor J. R. Hutchison—The Science of Investments.

Mar. 20. Professor J. A. Hill—Shoddy in Wool.

Mar. 27. Professor J. O. Creager—How Shakespeare Learned to Write Plays.

Apr. 3. Professor T. S. Parsons—The Poetry of Farming.

Apr. 10. Dr. O. L. Prien—Serum-therapy, Prevention and Cure of Disease.

Apr. 24. Dr. B. H. Grave—The Choice of a Profession.

May 1. Professor A. C. Boyle—The Modern Science of Geology.

May 8. Dr. C. E. Stromquist—Peace.

May 15. Mrs. Maude H. Fling—The Ocean Voyage.

WYOMING SONG.

(Tune—My Maryland.)

O, dear Wyoming, clear and bright,
Thy breezes are a treasure;
They give us health, they give us wealth
And joy in fullest measure.
We love thy rocks and templed hills,
Thy limped streams and rushing rills.
O, dear Wyoming, clear and bright,
Thy breezes are a treasure.

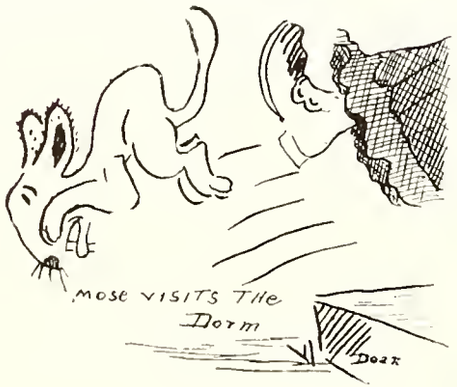
O, dear Wyoming, clear and bright,
Much gold comes from thy mountains,
And from thy valleys broad and light
Spring forth artesian fountains.
With all thy fields of golden grain
And sheep and cattle on the plain,
O, dear Wyoming, clear and bright,
Thy breezes are a treasure.

O, dear Wyoming, clear and bright,
We love thy sunny weather.
Thy people stand for all that's right
In usefulness and pleasure.
They always keep the golden rule
At home, in college and the school;
O, dear Wyoming, clear and bright,
Thy breezes are a treasure.

—*T. S. P.*


WIT
JOKES.

Well,
Get sore
Because we
Put a joke
In here about you
And told
Some things
You thought
Nobody knew.
But
Don't forget
We know
Some more things
We've left out
Because we
Didn't want
To write
Such awful things
As we know about.
But
If you
Really must
Get peevish,
We don't care;
You would have done
The same
As we did,
So there!



They Bribed Us Not to Show Their Faces.
"There's a reason."

"Going to Build a Bungalow Soon."

Yes, we know all about Chemistry. We've been taking it almost a year now. Next year maybe we can take Analytical Chemistry with Howell Knight. My! but he is smart. But just the same——.

FOOTBALL A L'ITALIENNE.

Thees foota ball ees a bumma game,
I go to see heem justa same;
A leetla fella stoopa down
An' holla out an' maka frown;
"Seex, feefteen, twanty, seexty-four!"
'Fore he got time to say no more
Dey runna up and down da fiel'.
I theenk I getta colda deal;
I no can seen notheeng at all
Een theesa game of foota ball!

But up an' down da granda stan'
Dey yella justa beat da ban'
Weeth "Rah-Rah-Rah" an' "W'at's da mat'?"
An' wave da steeka an' throw da hat,
An' ring da bigga dinner bell,
An' make da racket lika—well.
One bigga fella shake da mon',
An' shout, "Hot stuffa! Seex to one!"
An' seeng "Da greates' team of all
Ees theesa team of foota ball!"

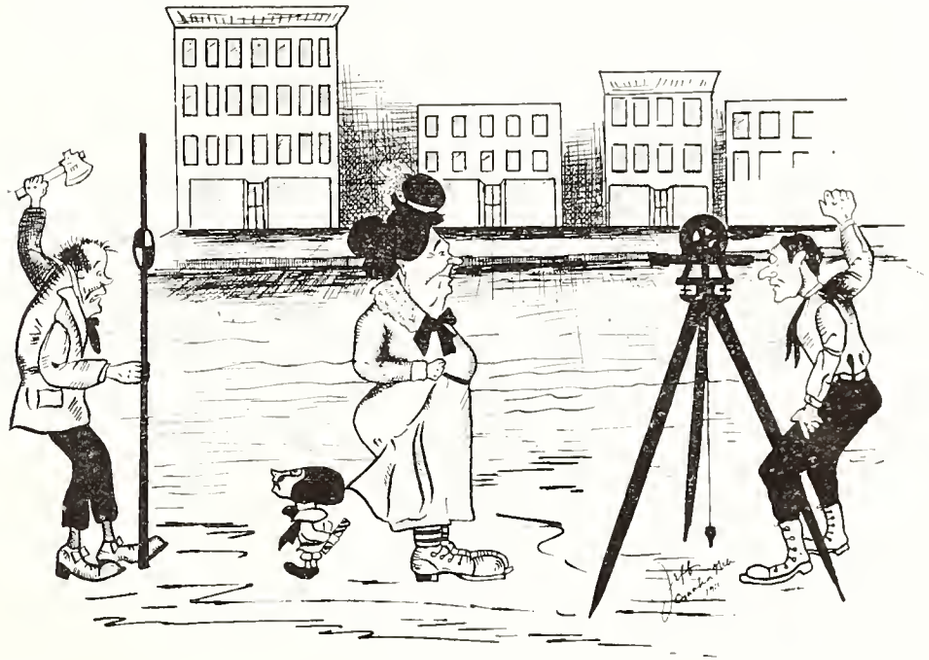
Dey wear da ribbon on da coat,
An' on da lettla billy goat,
An' leeda heem mos' all aroun',
An' laugha w'en he tumble down,
An' beat da bigga bassa drum,
An' holla, "Theesa playin' some!"
I theenk I open lettla stan'
To sell da peanut an' banan';
For me that ees da best of all
Een theesa game of foota ball!

—*Stuart Maclean.*

Deane Hunton (about March 15th): "Well, this girl question is certainly getting to be a serious proposition with me. It makes me rush all the time day and night to keep them both loving me."

SHE MISUNDERSTOOD.

A Laramie civil engineer and his University assistant were surveying on Grand avenue. The engineer was standing a few feet from the crossing of Third street, looking through a brass tube on three sticks and drawing a bead on a barber pole which the Varsity man was holding upright a little farther down the street.



A fat-faced, round-looking woman, evidently of Scandinavian extraction, came over the crossing dragging a dirty-faced kid with a bag of sticky gumdrops in his hand. She was dressed in gala attire, for it was circus day. Her shoes were large and very yellow, like Oviatt's. They were also new and she was justly proud of them.

When she got just in front of the civil engineer she saw him, and it dawned on her that the instrument he was looking through was something that it wasn't. Her face beamed with happiness. The dirty little boy had the candy taken from him and the woman threw back her head and smiled a smile such as Heavy Hill smiled after the game

with the Aggies. Then she carefully raised her skirts so that the yellow shoes would show.

As the engineer was too busy to see anything but the striped pole down the street he looked straight past the woman and yelled to the Varsity man.

"Higher," he said.

The woman hesitated a moment and then raised her skirts a trifle higher.

"Higher!" yelled the engineer a second time, motioning with his arms.

"Ay tank not," said the woman, and grabbing the boy by the arm she started off down the street in the direction of Svenson's.

L. A. G.

KUSSERS' KLUB.

Officers.

His Profane Majesty.....U. S. Grant
Worthy Grand Kusser.....A. L. Pitz
Exalter Master of Scientific Profanity.....Harry Hill
Chief Anathematizer.....L. A. Goines
Constructor of Dams.....S. C. Dickinson
Lord Foulmouth.....J. L. Whitman

Prime Kussers.

John Jones E. W. Fitz O. E. Prestegard Iven Price

Apprentices.

L. A. Wolfard E. A. Hanson L. D. Cook

Graduates.

F. S. Sutphin Dr. Prien
Dr. Heyl Prof. Reed
Coach Dean Capt. Coburn

B. C. (over the phone): "Is this Wilburta?"
Wilburta: "Yes."
B. C.: "Say, do you want to go fishing?"
Wilburta: "Yes."
B. C.: "Well, just hold the line."

Dr. Heyl: "Why does Heay Hill carry his watch in his hip pocket?"

Dr. Raiford: "So he can always get to class ahead of time."

Can You See the Joke to This?

Dr. Hebard (in Commercial Law): "Who has the right of dower in case of a mortgage?"

Grant: "The wife."

Dr. Hebard: "The wife of whom?"

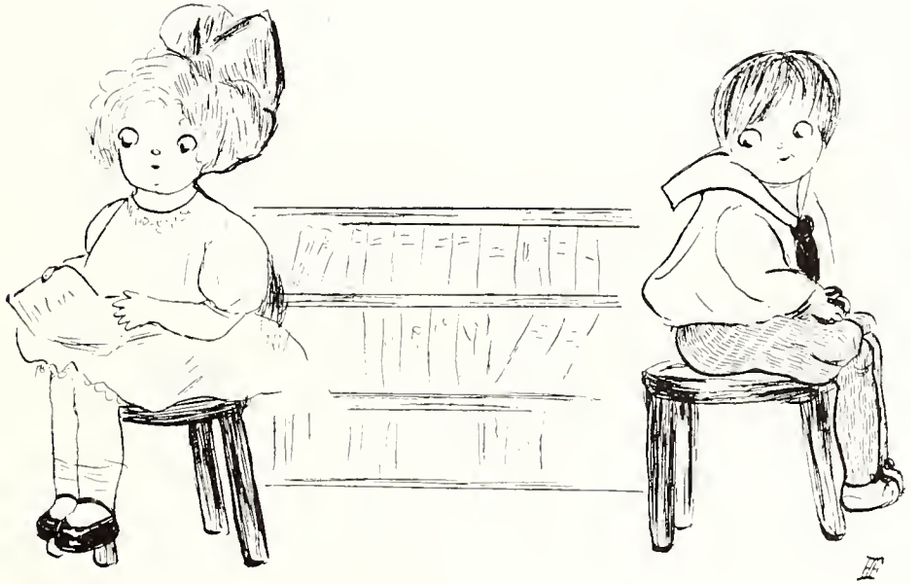
Grant: "The wife of the husband."

Prof. Nelson: "Mr. Barber, how is the sucker on the ambulacral foot worked?"

Barber: "The same as any other sucker is worked."

Freshman (after flunking in Chem. exam.): "Now, really, Dr. Heyl, I don't think I deserve a positive zero."

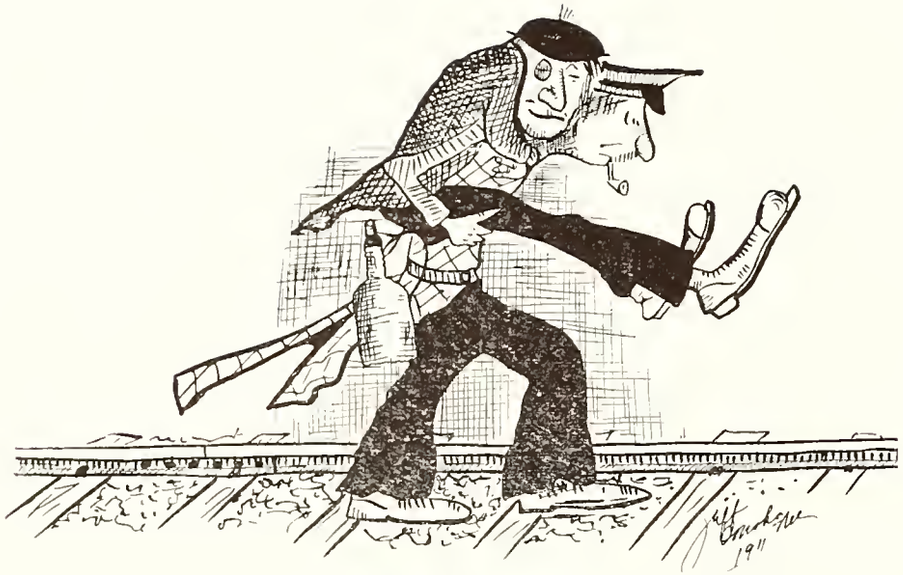
Dr. Heyl: "Neither do I, but that is the lowest mark I am allowed to give."



An auburn haired girl in a library nook
Patiently studying a literature book;
Just over the aisle a stout Sophomore boy,
Whose young heart is overflowing with joy.

Now watch them a while, and soon you will see
He'll change his position, as also will she;
And soon you will see them, if you choose to look,
With heads close together, both studying one book.

"Why do they do it?" the Freshmen all cry;
Why do they do it?—I'll soon tell you why.
You know that for any task under the sun
"Two heads put together are better than one."



The Editor-in-Chief and the Business Manager Leaving Town After the First Edition of the "Wyo."

WAILS OF A STUDENT ON THE FIRST EVENING HOME AFTER HAVING BEEN CANNED.

I'm here because I'm not brilliant,
    I'm here because I'm not bright,
I'm here because in my Physics
    I never could prove things quite right.

As I sit by the glimmering candle,
    I can picture the torments red-hot,
The glowing terrors of Hades,
    But they're cold to the roastings I got.

As I look o'er the desolate landscape,
    I think of where I might be
If it were not for the things in Physics
    Which I could never quite see.

I think of the thirties and fifties
    The Prof. gave me when he got sore
Because I left out one cipher—
    Only one in a hundred or more.

And I think of how he told others
    I was dumb and wasn't half smart,
Because I never could prove
    All the theories he thought I ought.

But a ray of brightness comes o'er me
    And lightens my heavy heart
As I think of the countless others
    Whom he handed it nearly as hard.

And I think that there may be somewhere
    (Though in Physics I really flunked flat)
Some place where I will be welcome—
    Some place to hang my hat.

Perhaps when I'm dead and in heaven,
    Treading the streets of gold,
Those who used me so badly
    Will be where it *never* grows *cold*.

Pinkie (who had strayed into Anderson's cafe with the gang about 1 o'clock a. m. : "Just bring me a roast duck, oyster cocktails, stewed asparagus, queen olives, cold tongue, potato salad, fruit charlotte, and——."

Curley (who was paying for the feed for the crowd): "Gee! what do you think I am, a mililonaire's son?"

Pinkie: "Well, your head is shaped like John D. Rockefeller's, you're built like E. H. Harriman, you have an expression like Ryan, you walk like Pierpont Morgan and you say you came from Wall street; besides I have to have something to go with these swell duds of mine."

Preste (wandering into the Civil Engineering room and picking up a Philadelphia level rod): "Gee! isn't this some slide rule?"

"How much does it cost to get married?" the eager Senior asked.

"That depends entirely on how long you live," replied the sad-faced Prof.

The Only Morning That Pitz Got Up in Time for Breakfast.

Prof. Grave (in Biology): "Miss B., where does life come from?"

Miss B.: "From dirt."

Dr. Nelson (in Pathology): "Where does smallpox usually develope?"

Bright student: "In the Dorm."

Pupil in Form class (as Dean Bode was distributing some music which he had ordered for them): "I noticed in the *Etude* the other day that this kind of music was being sold by the pound in some foreign countries."

The Dean: "Well, I have noticed in giving music lessons that most of it is being played by the same method in this country."

Mr. Ned Davis, who last year attended the University, is now taking a course in dentistry at Lincoln, Nebraska. He has not, however, entirely forgotten everyone in Laramie, one young lady student having received three hundred and fifty-two letters from him since he left. If you don't believe this, inquire of Miss Ruby A. Rogers.

Wilbur Hitchcock, who is noted for his inventive genius, has made a slide rule on the wall of his room in Prof. Fitterer's new home. A board is so attached that it can be moved up and down from his desk, thus enabling him to make calculations from his chair. The graduations and figures are put on the white plaster with water-proof ink and red paint so they may be easily read.

Prof. Fitterer at first objected to having his house defaced, but Wilbur argued that it would increase the value of the room forty per cent and the paint would also keep the plaster from cracking, so the objection was withdrawn.

'We Are Going to Get Married Just as soon as We Are Old Enough, So There!"

Heavy Hill Making Presentation Speech to Dr. John Mills.

The sky was dark and clouded,
The sea was raging high;
I asked her if she'd marry me,
And this was her reply:
"You shock me with your wooing, sir,
I don't know what to say.
I'll write and ask my husband;
I've just sent him away."

Dorm Serenaders.

Ben: "Well, I've got to go to work again on Friday."
Beth: "But Friday is an unlucky day."
Ben: "Of course. Didn't I say I had to go to work?"

No cheers,
No beers,
Nothing but
Work for the
Engineers.

When Hanson gets excited he is like a phonograph jumping cogs.

THIS IS A POEM.

Two little skunks
By the roadside stood
As Doc's auto went whizzing by
One little skunk did sob and shake
And a tear stood in his eye.
The other skunk did ask him,
"Oh, why do you sob and shake?"
"Because that smell,"
The other said,
"Is like mother used to make."

Pitz (talking in his sleep): "I tell you, fellows, you can't make a forward pass on an alternating current."

On March 20th Prof. John Hill, the wool expert, gave a very instructive and interesting address at assembly on the effect of shoddy on the wool industry. Even his brother Harry (who is now a Senior) was forced to admit that John did say for once some things he did not know before.

MULLISONISMS.

The following answers were taken from Mullison's quizz paper in Mine Surveying:

A sump is a hole in the bottom of a well for the excess water to run into.

A vein is a streak in the earth.

A hanging wall is a wall hanging to the horizon.

A foot wall is a wall to put your feet against.

A tunnel is a hole dug through the earth, connecting two points on the surface.

An adit is a machine for adding up the profits of a mining company.

Stope is a Dutchman's way of saying "Stop."

A level is a horizontal plane passed through a portion of the earth in a region where ore is supposed to be located.

The best way to carry a meridian into a mine is to let it drop down the elevator shaft.

Prospective suitor (whom Miss Miriam Corthell was showing over her farm): "And what do you raise on your farm?"

Mim: "The last four letters of my name."

Prof. F. (who was watching the expressman roll a neat-looking hardwood barrel into the Dorm.): "Is that barrel from Scotland or France?"

First student: "Why is a clock like a Sophomore girl?"

Second student: "I don't know."

First student: "Because it is all face and no figure, has no head to speak of, is hard to stop when once wound up, and has a striking way of calling attention to itself every hour in the day."

Deane (in Math.): "What character is that which the book uses to designate the angle of tortion?"

Prof. Ridgaway: "That's the Greek letter 'Phi.' Have you been president of the Sigma Beta Phi for two years without knowing the last letter when you see it in a Math. text?"

"We're in Love."
(They really think so, too.)

AN ENCORE.

"Say, Whit, how did you get through that Chemistry exam?"

"Oh, fine! Glorious! the Profs. are enthusiastic; they demand an encore."

Wolfard: "Professor Reed, we have no living example of a plantigrade, have we?"

Prof. Bill (with a twinkle in his eye): "Why, you, yourself, are the best example I know of."

"NEVERMORE."

(With Apologies to Edgar Allen Poe.)

Once upon a midnight dreary, as he sat and called hear "Deary,"
On a sofa built for one, but holding more,
Suddenly there came a rapping, as if someone gently tapping,
Tapping at the parlor door.
" 'Tis my father, sir," she murmured,
"Only he, and nothing more."

What cared he for her relations, he was full of exclamations,
Such as "Lovey, does oo love co deary more?"
When the father, tired of waiting, waiting being "aggravating,"
Opened wide the parlor door,
Only this—but wait, there's more.

Ah, distinctly he'll remember that cold night in bleak December,
For in places best unmentioned he's still sore,
Where the father's foot had landed, this young man for life was branded,
As he flew out twenty paces, he did roar:
"Your old man has hurt my feelings,
And with you I'll have my dealings,
NEVERMORE."

He (getting her in his arms and kissing her in his usual gentle manner): "I am so glad to find you so true to me, Mary. I'm afraid my sickness has been hard on you."

She: "Yes, it has, but Ben and John and Louie and Fred and Smick and Oscar and Arnica have kept my mind occupied so much that I have not had much time to worry."

Bub Corthell is taking osculatory treatment of Miss Nichol. A public demonstration was given on May 13th, which was greatly enjoyed by the spectators present. Bub's appetite is still normal.

The girls at the Dorm gave an evening dress parade on the evening of May 6th during the fire at the Western Union telegraph building. Howell Knight was an interested spectator.

In honor of the eventful day of graduation Wilburta got up a little spread.

"Yes," she gushed, "I've got the loveliest diploma; it's on real sheepskin, with a big gold seal and brown and yellow ribbons." And a moment later. "I cooked that dish you are eating, just for you. Do you know what it is?"

"Is it—er—a—," Wilbur hesitated. "Is it the diploma?"

Didn't Last Long

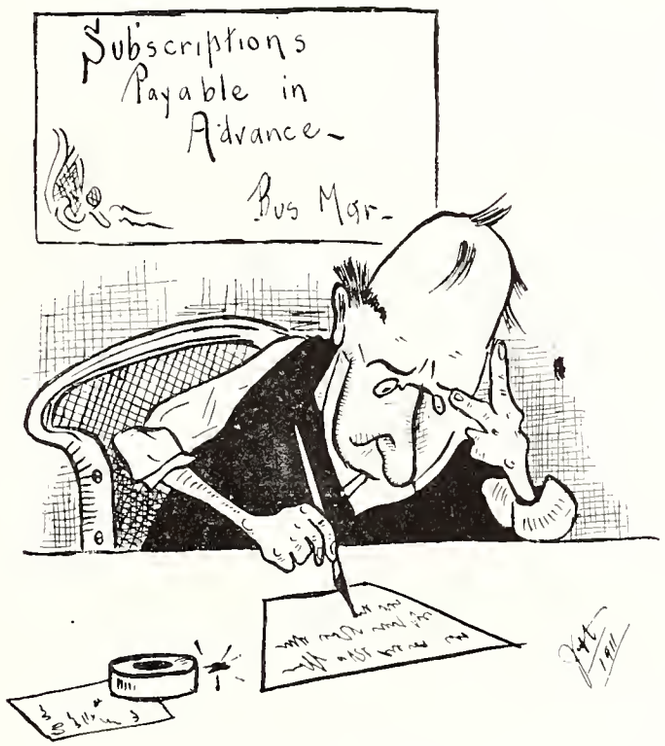
Ethel: "Do you see anything in these new freak hats?"

Sumner: "Oh, once in a while I see something in one of them that looks pretty good."

Kierle (on arriving in Laramie): "Where is the Laramie opera house?"

Mark D.: "It's the second livery barn on Third street."

After Lilly had written up her notes for the Domestic Science lecture on peas, beans, lentils, *et cetera*, someone asked her what the *et cetera* were. She replied: "Why, that is a vegetable something like celery."



Prof. Soule (to new student): "What is your name?"
Student: "My name is Jule, sir."
Prof. S.: "You should say Julius," and, turning to the next, "What is your name?"
Second student (usually called Bill): "Billious, sir."

"It takes a fool to confound the wise."
Perhaps that's why so many of us get flunked in examinations.

ENGLISH AS SHE IS SPOKE AT THE COMMONS.

(Real "Langwidge.")

"Well, for the love of Mike, ain't that grub ever goin' to be ready?"
"Get 't'ell out of my chair, you rummy."
"Sit on the floor, or the mantlepiece or the sideboard."
"No, thanks, I don't care for any of the slop-gobble."
"Pass the hash."
"You are not a pig, are you?"
"No, why?"
"What makes you ask for everything at once?"
"Hit me with a sinker."
"Match you for your pie."
"All right."
"You crook, you had that nickel on edge so it would drop either way."
"I didn't."
"Doggone you, I didn't want it in my lap."
"Hey, Freshman, don't put that 'wienie' back, you've bitten it all out of shape."
"Pass the gravel—the grit—yes, sand, that's what I want—the sacharrine exudation of the beet."
"Bradley, you little devil, quit putting cake in your pockets."
"Swap you my pie all the rest of the week for your dessert Sunday."
"Aw, nix on all the rough stuff down there, and head the Jersey this way."
"Punk and plaster, railroad it."
"Gimme the rest of the salve when you get through."
"This meat is so tough you couldn't stick a pick in the gravy."

Mrs. G. (at her party): "Why so pensive, Harry?"
Harry Muck (freely partaking of the refreshments): "Not pensive, but ex-pensive, Mrs. G."

Miss Meek (at Glee Club practice): "Throw open your mouth and sing as if your heart were in it."

PROBLEMS.

If it takes ten minutes for Jim Wilson to see one of Harry McCraken's jokes, how many different girls will Spencer Symons take to the lecture course?

If it takes Sumner and Ethel three hours to walk from the library to the dormitory, how old will Bradley be when he learns not to ride his bicycle on the sidewalk?

If a particle of knowledge of infinitesimal dimensions, traveling at the rate of three times the log of zero, should strike Irish's head, compute the modulus of elasticity of wood.

If it takes Deane Hunton nine hours and twenty-three minutes to see through one of Prof. Ridgaway's problems in strength of materials, how many years will pass before "Gene" Wilson develops a case?

If any more of the unmarried male members of the faculty buy automobiles, how long will it be before all the co-eds in the University will have ridden to the Springs and the Experiment Farm enough times to wear out enough tires to make one set for every year Deane Hunton and John Jones have been attending the University?

If it takes two and a half seconds for a streak of greased lightning to travel from Herald Square, New York, to Golden Gate Park, San Francisco, how many yards of baby ribbon will it take to make a hat for Hoadly?

This is the kind of problem Prof. Ridgaway gives to the Junior Math. class:

"If a steamship traveling at the rate of 18 knots per hour, 10 miles from land, on a course at an angle of 45 degrees with the shore line, has a red star painted on the smokestack, how old is the captain's wife?"

Studying (?) Between Classes.

EASY PICKINGS.

The man sent to Rawlins on a life sentence was inclined to take a gloomy view of the situation. "We shall never be able to escape," he said to his cell-mate. "The walls are four feet thick, the bars sol'd steel, and he haven't even a file."

We admit there was reason for his depression.

But the intellectual looking convict with the high, bulging forehead spoke up.

"Cheer up, old man," he said. "This is pretty soft for me."

The first man with the striped suit was inclined to be skeptical. "Have you ever escaped from here before?" he asked.

"More than that," replied the high-brow. "You may not believe me, but I once got out of military drill at the University of Wyoming."

And an expression of hope overspread the other's face.

TOLD ON THE ENGINEERS.

When asked what was meant by a "permanent set," a bright C. E. Junior replied that it could be well illustrated by a hen trying to hatch out a bunch of door-knobs.

When Lewis Cook went to Denver to see the Mines game he saw a sign on the hotel wall which read:

"One ring, ice water.

"Two rings, bell boy.

"Three rings, fire."

Cook's room was cold, so he rang three times and asked for an oil stove.

Dean Bode succeeded in frightening his Harmony class out of his studio by rendering the "Surprise Symphony" from Haydn recently.

Freshman (in Geology exam.): Coral reefs are sometimes as high as 3,000 feet deep."

Dr. Raiford (in the jury room): "Well, boys, I'm going to sleep now. Just wake me up when you reach a decision and I'll agree."

First Grad.: "I know now the difference between Miss Adsit and Miss Meek."

Second Grad.: "Oh, yes, one is a matchmaker and the other is making a match."

First Grad.: "Oh, no, one is a tall woman always helping others, the other is a tall woman always helping herself."

THE "WYO" DICTIONARY.

A Critical Compendium of Contemporaneous College Colloquialisms. Complete, Correct, Carefully Collected, Consistent, Concise.

A.

Ag. Course—A convenient escape for engineers threatened with failure.

Alumnus—One who regales us with the daring deeds of his youth.

Ankle—Portion of anatomy above top of low shoes and below bottom of long skirt.

Ape—A species of rough neck.

Athlete—A dignified bundle of muscles unable to split wood or sift ashes.

B.

Bald—Condition of the head. See barber.

Boarding Club—A dyspepsia factory.

Bone—To exercise one's mental faculties in the acquisition of knowledge. To cram.

Bluff—A fine art. A necessity to success. See Deane Hunton.

B. S.—Bright sayings; brilliant speech. Often resorted to when arguments are scarce. Sometimes supposed to be witty.

Bullet—A missile. A boarding club biscuit.

Butt-in—To intrude upon the business, conversation or pleasure of others without an invitation.

Bonnets—A female head trouble contracted during Lent. Breaks out at Easter.

C.

Campus—Cupid's drill ground.

Co-ed—A veteran of many campaigns.

Coin—Circular pieces of metal; very perishable; dough; chink; mazuma.

College—Seat of all athletics and other joy; good place to get a life-mate.

Comedian—A crazy mutt; a dippy guy who thinks he is funny.

Complexion—A collection of paint particles.

Converse—To chew the rag; to masticate the fabric; to sling soft soap, etc.

Cornet—An instrument of torture. See Fitz for particulars.

Couple—One person less than a crowd. (Mixed).

Cram—See bone.

Cup-challenger—One who sprints for the altar immediately after graduation.

(Continued on advertising pages.)

"Good Night."

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The Summer School

Send for Catalogue,

CHARLES O. MERICA, President.

THE WYO DICTIONARY—*Continued.*

F.

Fact—All the definitions in this dictionary.
Faculty—A relic of the dark ages.
Flunk—A knock out blow; the end of a long struggle.
Femme—A generic term for a female.
Freckle—Beauty spots on a maiden's mug.
Freshman—An animal of the genus homo in the first stages of metamorphism; a greenhorn; a rube; a young mut who doesn't know anything and isn't wise to it yet.
Fuss—To revolve about an interesting object—sometimes becomes a habit..

G.

Ginger-cake—Chewing tobacco—much used by roughnecks.
Goat—The head of the class (inverted).
Goo—A thick mysterious liquid served at the Commons.
Ex.—Pass the "goo".—Fitz.
Grade—A series of numbers varying between 0 and 100.
Grind—A more or less successful attempt to be witty.

THE WYO DICTIONARY—*Continued.*

D.

Dab—A swear word when you've got a cold.
Dad—A relative used for purposes of finance.
Damn—See "dab", without the cold.
Darn—The way girls swear when there are any boys present.
Date—Fruit from a tree that grows in the desert; also an oasis in a humdrum life.
Demon—See "devil", also "faculty".
Den—Student's room. Not a boudoir.
Dormitory—A hen house; skirt corral.
Dogs—Dead canines served at the Commons.
Devil-dodger—Name given by the irreverent to a Y. M. C. A. fiend. Very rare species. Now nearly extinct.
Double-time—Physical recreation for cadets.

E.

Editor—A person who has nothing to do; the man behind the pen; the "IT".
Elope—23, without Daddy.
Emetic—A Freshman's first smoke; the opposite of appetizer.
Enchantress—A dorm girl after a guy just before the lecture course begins.
Engineers—The most of the fellows here at college. The men who do things.
Equation—A tie score.
Examination—An invention of the Devil assisted by the faculty; an ordeal occurring semi-occasionally; a guessing contest; one trial that Job escaped; a Prof.'s way of getting even.

THE WYO DICTIONARY—*Continued.*

Grub—Organic matter served at the Commons for $17 per month (the catalog says so).

H.

Hash—Review of reviews; balance brought forward; first ten meals after the big Christmas dinner.
Hell-dodger—See "devil-dodger".
Hen-house—See "dormitory".
Home—A hazy recollection of a square meal.
Hot-air—A high sounding line of talk to no purpose; see B. S.

I.

Ice cream—What a girl always orders when you haven't but ten cents left. An invention of a millionaire to queer the other guy.
Ignorance—State of being a Freshman.

J.

Joke—See "grind".

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C. D. SPALDING, Cashier. R. G. FITCH, Ass't Cashier.
B. F. MILLER, Ass't Cashier.

THE WYO DICTIONARY—*Continued.*

K.

Kiss—The product of cozy corners.

Knock—To tell the plain, unvarnished facts about a person or thing; to help your friends by telling their faults; to speak your sentiments regardless of consequences.

L.

Leap-year—Open season on bachelors.

Lecture course—The silver lining to winter's cloud.

Librarian—A human bureau of information.

THE WYO DICTIONARY—*Continued.*

Library—The fusser's laboratory.

M.

Makings—The essentials of a pill.

Math—A creation of the Evil One; synonymous with Hades.
Ex.—"This 'math' is Hell."—Hunton.

Mazuma—See "coin".

Military hop—A get-rich-quick scheme of the cadet officers.

Mooch—To obtain tobacco, matches or other necessities of life from a fellow student by means of a persuasive line of talk.

THE WYO DICTIONARY—*Continued.*

Mouse—A small but very deadly animal much feared by females. Ask "Eve".

Mouth—The hot air orifice of the face, much used in smiling and eating.

N.

Non-com—A combination of swell-head and chevrons with an overbearing, ingrowing self esteem.

O.

Officer—Ditto "non-com" with shoulder straps instead of chevrons.

PROFESSIONAL DIRECTORY

THE WYO DICTIONARY—*Continued.*

P.

Pennant—A triangular piece of brown felt with yellow letters on it.

Polygamist—Twice a fool.

Poverty—The state of your friends when you want to borrow money.

Prep—A delicate species of collegian, not more than half of which survive the winter.

Prexy—The high sounding title of the chief high mogul of any organization. The "main squeeze".

Prune—A black fruit; looks like a large seed surrounded by a much wrinkled covering of India rubber. Much used at boarding houses.

Pucker—To prepare the mouth to whistle (or kiss).

Q.

Queen—A Freshman's girl after his first call.

THE WYO DICTIONARY—*Continued.*

Quizz—A method of getting even with students, resembling an exam.

R.

Registrar—Prexy's office boy.

Ridiculous—Certain kinds of coiffure seen on the campus this year.

Rouge—A kind of red paint sometimes found on the faces and coat collars of "dorm pests".

Rough-house—To cause a room to look like the tail end of a cyclone.

THE WYO DICTIONARY—*Continued.*

Roughneck—A semi-civilized male creature resembling an ape, addicted to soft shirts and chewing tobacco.

Ex.—Barber, Heavy Hill, Chuck Jones, Whitman, Pitz.

S.

Slang—Kind of speech prohibited by Prof. Middlekauff.

Spiel—A line of B. S.; a conversational effort of considerable dimensions.

Spout—See "spiel".

Stag—A member of the sterner sex with no affinity for the hens.

Star-gazer—A species of fusser; male members of the faculty at Root's opera house when their wives are out of town.

T.

Thesis—A subject selected by seniors which does not interfere with fussing.

Tutor—An instructor who is paid for not flunking you.

THE WYO DICTIONARY—*Continued.*

U.

Uniform—The original straight front corset.

Unknowns—Utterly bombastic conglomerations of chemical components, compounded expressly for the diabolical purpose of contwisting frivolous freshmen brains.

V.

Vacuum—An empty space; a void; the inside of a senior's head.

W.

Waiter—A polite name for a hash slinger; a biscuit shooter.

THE WYO DICTIONARY—*Continued.*

X.

X—The twenty-fourth letter and the nineteenth consonant sign of the alphabet. Much used by Prof. Ridgaway.

Y.

Yawn—A method by which students convey the impression that they are still partially awake.

Z.

Zero—The grade which some of the editors of the WYO got in their studies.

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