

Many Sciences Portrayed In Rho Fireplace

Fireplace Is Work Of Art And At Same Time Tells A Scientific Story

By ARLENE BURT

The fireplace in the new Alpha Gamma Rho Fraternity house is not only beautiful but capable of holding the attention for an indefinite length of time without exhausting the interest.

Dean H. L. Walster, head of the school of agriculture and a member of the fraternity, had a definite idea in mind in the building of the fireplace. "I believed it was possible in a single object to have a work of art and at the same time tell a fascinating scientific story," he said in reference to the work of which he had charge. "On the average, students are afraid of the 'ologies' and if you can show them it is as fascinating as anything else, they may become more interested in it; so I wished to give a sketchy story of some of the geology of North Dakota—particularly of the western part, and some of the zoology, archaeology, history, botany, and palaeontology. In addition, to show that science is universal and covering all times, the fireplace tells not only the main story of North Dakota, but also some tiny thing from all over the world are included. Finally, to express the spirit of art, the best craftsmen available were obtained; for the masonry, Mr. Edward Lindquist of Fargo, and for the iron work Mr. Haile Chisholm, our college craftsman."

To show the geology of the state, Dr. Walster went to Fred Brown, who is a collector of petrified wood and secured from him some fifteen hundred pounds of his best specimens which were all collected within a radius of sixty miles of Dickinson. The colors range from black and brown to ochre and white and all the pastel-like earth tones. Then to give warmth and vividness of color, Dr. Walster obtained some clinker and scoriae from near the burning coal mines of the state. Some of the specimens of scoriae which were only lightly heated contain impressions of leaves, rushes, and other vegetation of the period when the lignite was laid down.

Then there are specimens from all over the world. Some of the most interesting are triobite from Mount St. Stephen in Canada, which has an impression of an extinct animal much like the armidillo; gold lead and graphite from Siberia; a staligmite from the Wiandotte Cave, Virginia; cannon balls which are concretions occurring along the Cannon Ball river south of Bismarck; lava from Vesuvius, Italy; banded chert from the Grand Canyon, Arizona; turquoise from Mexico; coquina or shell rock from Florida; and a large number of fossil hells from Beach, North Dakota.

It was thought desirable to include specimens from the adjoining states in the fireplace, so from Montana Dr. Walster obtained a beautiful reptile fossil and some gold ore from the famous "grower" mine; from Cripple Creek, Colorado, some fluorspar; some beautiful wind-etched quartz crystals from Crystal Cave, South Dakota; and some especially beautiful red catlinite or pipestone from Pipestone, Minnesota.

To show the life of the Indians, primitive hammers and axes were introduced. These were donated by former president J. H. Worst, Edward Eastgate of Larimore, William Guy of America, and professor E. J. Thompson of the college. Also Mr. Sorlin contributed a black stone ax and a granite hammer found on Gen. Gilby's camp ground near Bismarck. There are also several arrow heads included.

Then on one side of the fireplace are some broken fragments of pottery or postshards made by the Mandan Indians. These are excellent examples

(Continued on page three)

STUDENT COMMISSION BANQUET THIS EVENING

The Student Commission will hold a banquet in the Ceres Hall banquet room this evening at 6:15 in honor of the new members of the commission and to acquaint them with their duties.

Debaters To Meet Australians Again

Local Debaters Will Debate At Montana State And University Of Idaho

The Lincoln Debate Club, of the North Dakota State College, met in the new Seminar Room of the Main Building and outlined a generous for-ensic program for the college debaters to participate in during the school year. Six institutions will offer opposition to the wits of the State College disputers.

The debate program will open Dec. 12 with the University of Idaho team contesting for debate supremacy with the local college debaters. The University of Sydney people from Australia will appear on the local platform some time during the early part of January, possibly during farmers' week at the college. Debate combats with the University of Colorado and the Manitoba Agricultural College will be held either in February or the first part of March, depending on the itinerary of the above named teams.

Debaters from the North Dakota State college will invade western territory later in the winter for a contest with Montana State college at Bozeman, and a return engagement with the University of Idaho.

The debaters of the North Dakota State college have engaged in debates with representatives of Colleges and Universities from the Pacific to the Atlantic coasts of this country. The University of Southern California, Washington State College, University of West Virginia, and Pennsylvania State College are among the twenty institutions of this country which the S. C. debaters have met, as well as representatives of three foreign countries.

Tryouts for places on the college debate teams will be held in the Green Room, Main Building, on Monday, November 19, from 2 to 5:30 p.m., on the following questions; Resolved, that the U. S. should cease to protect American investors and investment in foreign lands except after formal declaration of war; Resolved, that a substitute for the jury system should be adopted; Resolved, that the scientists should take a ten year holiday; Resolved that the power of the press has increased, is increasing, and should be diminished.

These tryouts are open to any college student.

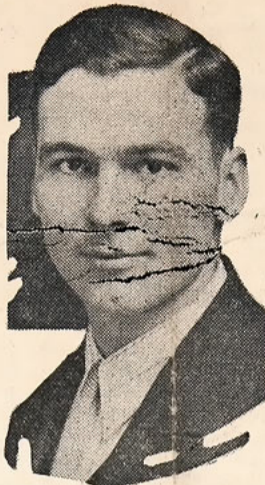
SCHOOL OF MECHANIC ARTS SHORT COURSE

The School of Mechanic Arts offers each year the winter short courses in mechanics and tractor operation in charge of a separate staff specially employed for that purpose because of their years of practical experience and success in this field.

The course opens this year on Jan. 2, 1929, and continues for ten weeks. For the laboratory work of this course the students, about 100 in number, are divided into five groups, each of the five groups commencing their work in one of the following laboratories: Auto and Tractor Repair, Auto Electricity, Trouble Shooting, Auto Accessories, Forge Shop.

These groups continue for two weeks in the work assigned, from eight to twelve o'clock each day, after which the groups are shifted so that at the end of the ten weeks all phases of laboratory practice have been covered. The time in the afternoon is devoted to lectures and demonstrations by instructors.

N. D. S. C. Graduate Leaves For Africa



Paul G. Dickey, son of Rev. and Mrs. J. G. Dickey, 915 thirteenth street south, left Saturday on the first lap of his journey to Africa. He will sail November seventeenth from New York on the steamship George Washington in company with Allan Davis of Pittsburg, Mass. They plan to spend a week in England before sailing for Africa.

Mr. Dickey goes to take a position as instructor in the Amanzimtoti Institute, Adams, Natal, South Africa. He will work with the Zulu people. O. B. Githens, formerly of the First Congregational church of Fargo, is principal of the institute. Mr. Dickey plans to begin work at the beginning of the next term, February first. His contract calls for three years service.

Paul is well known to the students of the college as well as the young people of the Congregational churches. He was graduated from the college in 1927, and is a member of Phi Kappa Phi and Pi Gamma Mu.

Snapshots Needed For Bison Of 1930

Snapshots, and more snapshots, and more snapshots are needed for the Bison Life Section of the forth-coming annual, it was announced today by Henry Presler, editor of that department.

It is planned to make this year's Bison Life Section most truly representative of the everyday life of the N.D.S.C. student and to stress the features of the year through photographs. A call is thus made for snapshots pertaining to student activities on or off the campus. Hundreds more are needed to swell the amount obtained so far.

To encourage and urge all to help make this section the most representative possible, the editors are staging a contest. The three photographs which, in the opinion of the members of the annual staff, are the most in keeping with the purpose of the Bison Life Section will be published in the annual with the names of the contributors. Each snapshot must pertain to a student or member of the faculty of this institution. Those pertaining to campus activities will be favored.

All snapshots must be handed in at the Bison-Spectrum office or to any member of the annual staff. Each contestant must enclose his contributions in an envelope bearing his name. Amateur photographers, get busy!

LYCEUM NUMBER HERE FOR TUESDAY EVENING

The famous musical play, "The Cotter's Saturday Night", will be given in the armory Tuesday evening as the second number on the lyceum course for this winter.

"The Cotter's Saturday Night" is brimful of delightful and inimitable Scotch humor and joyous laughter. This simple Scotch family presents a picture of contentment and happiness that is unforgettable.

Beautiful old Scotch melodies loved the world over are superbly sung throughout the production.

ALL-COLLEGE PARTY IN ARMORY TONIGHT

An all college dancing party will be held in the college armory this evening under the auspices of the Student Commission, with Miss Hazel Heald, newly elected social commissioner, in charge.

Emerson Huey Stars In Fall Term Play

"The Rise Of Silas Lapham" Was Well Presented By L. C. T. Players

The Rise of Silas Lapham as presented by the Little Country Theatre Players on Wednesday evening was received with enthusiastic laudations. Vivid scenes of the 70's flourished on the stage.

Emerson Huey rose to heights in portraying Silas Lapham, a middle class New Englander. Assisting to bring back the fragrance of the day that is dead was Edris Probstfield as Persis Lapham, who gave a motherly touch to the whole affair.

Phyllis Heimark and Ruth Boerth as elder daughters of the Laphams did their parts well in bringing to play the lofty gayeties of the time.

Arthur Anderson as Bromfield Corey gave an exceedingly good interpretation of how an elderly Bostonian gentleman proceeds in world affairs and society. Floy Beatty and Irene Hudson as daughters of Bromfield Corey had their lines well in hand and gave a good interpretation of eastern society. Margaret Richardson acted the affected part of Ethel Kingsbury to a perfection.

Foss Narum in the reticent and tender love story of Tom Corey and Penelope did well in serving as a binding interest of the two families.

The rest of the characters who took their parts well were: Raymond Gregerson, Carl Welch, Jerry Marten, Marion Stone, Theodore Lailey, Elene Weeks, Lyle Phillips, Myles Stricher, Anthony Faber, Malvin Baliver, and Grace Swanson.

ARKITEKS WILL MAKE THEIR OWN XMAS CARDS

Anyone who dropped into Prof. Huntoon's office yesterday afternoon found a group of students from the department of architecture pondering over a number of catalogs and different samples of paper.

The men were selecting the paper for their own Christmas cards which they intend to manufacture in a very short time. This work will be done by a number of different processes the most popular and practical of which is making the die out of linoleum and it is then termed a linoleum block.

Every student will conceive of different ideas and all of the cards will be different as well as being handmade and original. Should anyone outside of the department care for some handmade cards, it is very likely that they may secure some, as some of the young men intend to commercialize upon the scheme.

Incidentally the order for paper for the cards amounted to practically fifty dollars.

NEW INSTRUCTOR IN ANIMAL HUSBANDRY

After spending some eighteen years on livestock extension work with the college, Mr. George J. Baker has recently been given the rank of Professor of Animal Husbandry and assistant chairman of that department.

Mr. S. G. Denner is the new field agent in livestock extension work. Mr. Denner received his B. S. degree at Iowa State College and his M. S. at Minnesota University last spring.

Mr. Baker will leave very shortly for Kansas City, Missouri, where he will judge the milking shorthorns at the American Royal Livestock Show held at that city November 22 and 23.

A good crowd turned out for the Cadet Hop yesterday afternoon.

Horace McGrath And Hazel Heald Carry "State"

Freshmen Did Not Vote Because Of Clause Discovered In Constitution

Counting the ballots for the election of two new members for the student commission on Wednesday afternoon proved to be a very interesting affair, for the elected candidates, Horace McGrath and Hazel Heald, secured their offices by a very narrow margin.

Miss Hazel Heald, who was elected commissioner of social affairs, secured 89 votes, while the two other candidates, Marion Trowbridge, who received 84 votes, and "Do" Anderson, 66 votes, crowded her for the office and even passed her several times during the count. Miss Heald is a senior in the school of Education, a member of Kappa Delta and Delta Psi Kappa sororities and is from Liberty, Saskatchewan.

Horace McGrath was elected commissioner of elections by a majority of five votes over William McRoberts, who drew 80 votes. Mike Sullivan secured 73 votes for the same office. McGrath is a sophomore in the Department of Architecture, and a member of Delta Kappa Sigma fraternity.

Two hundred thirty-nine votes were cast in the election. The small vote is due to the fact that freshmen were not allowed to vote in the special election because of a clause discovered in the constitution Tuesday afternoon. Article 1, Section 2 of the constitution provides: "The members of the commission shall be elected at a popular election by all bona-fide students who have been in attendance at least four and one-half months prior to election."

This clause provides that freshmen may vote for members of the student commission only after having attended school here for more than four months, thus it is self explanatory that freshmen have always voted before because the elections have always been held in the spring, but in this particular instance the special election made them ineligible to vote.

YWCA Conducting Membership Drive

The Y. W. C. A. is conducting its membership drive this week under the direction of the cabinet members and their assistants.

Each cabinet girl has asked two others to assist her in order that everyone may have the opportunity to join the organization. Every girl on the campus will be given an explanation of the Y. W. C. A. work and its significance before the termination of the week. The girls who are soliciting members are Esther Boyer, Marie Webster, Margaret Zimmerman, Billie Eastgate, Margaret Ballard, Virginia Keen, Florence James, Helen Rustad, Bernice Boyer, Esther Douglas, Virginia Davis, Nell Hussy, Mable Game, Nola Reeves, Ethel Jones, Myrtle Klovestad, Edris Probstfield, Marjorie Beatie, Katherine Grant, Doris Sommers, Eleanor Erickson, Dorothy Barbara Smith, Gertrude Wilmert, Eleanor Geisler, Myrtle Allan, Gladys Nessett, Dorothy Smith, Francis Ross, Velma Herments, and Margaret Miller.

At 4 p.m. Sunday an initiatory service will be held at the Y. M. C. A. for the new members. After the initiation there will be a social get-together hour.

The Y. W. C. A. board will give their annual dinner to all of the girls belonging to the organization Nov. 22.

Saturday, Nov. 17 is the date set for the Kappa Delta party in honor of their pledges. Dr. and Mrs. Stone and Lieutenant and Mrs. Smith are honor guests. The party will be at the Waldorf. Margaret Moore is in charge.



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One girl's shiek is an engineering student: he leaves blue prints on her neck.
You'll be needing a good hand lotion soon--for the "chaps"

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THE SPECTRUM

Official publication of the students of the North Dakota Agricultural College.
Published every Tuesday and Friday during the college year.
Address all communications to the Editor-in-Chief.
Subscription rates are \$2.00 per year.
Advertising rates and information sent on request.
Entered as second class matter at State College Station under the act of March 3, 1879.

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ALL COLLEGE THIS EVENING

It is an old, old story, but we like to repeat it, "This is your party, so be there."

On the other hand, to-nite there is a possibility for financial reimbursement if you are present. Very likely someone is going to try and get off with some else's coat. Come and bring the girl and keep your eyes open. Give everyone that goes after a coat before the dance is over a suspicious look, bearing in mind that the Student Commission has a reward for you if you catch the thief.

Lest we forget, one member of each couple must be a State College student this evening.

WALK ON THE GRASS

Several years ago the Student Commission laid down the ruling, "Walk on the grass, but keep off the paths."

This ruling is still in effect, but remember that after you walk on the grass a certain length of time at this time of the year, it ceases to be grass.

With some co-operation from every student we can avoid these paths. Use a little more consideration. Generally speaking there are fewer paths this fall than there has ever been in the past, but several may be noted "coming up."

NOT ONLY FROSH DISAPPOINTED

Believe it or not, it was a disappointment to many more than the Frosh when it was discovered that the greener faction could not vote. Very likely their vote wouldn't have changed the results of the election but would have made the vote more decisive.

Another factor that enters in is the number of votes cast from the viewpoint of the student who is out for a number of student activities. He is proud of the number of students that vote at his institution, and continually likes to see as large a number as is possible taking part in the student government.

Had the freshmen all voted it would have seemed more like election day and some upper-classmen would have undoubtedly got amongst the "thundering herd" and been dragged to the polls to vote instead of forgetting about it as they did.

Just Comment
WISE and OTHERWISE

By Henry Presler

LAST EDITION of the Spectrum carried the following observation: "More than one student has come down to the office to object that fraternity or sorority meetings make it difficult to attend the (Monday evening) Lyceum course attractions." There seems to be a good deal of misunderstanding as to just what we meant by the above statement. Let it be clear that the inference was meant to be that it was up to the organizations to make the necessary adjustment. It is out of the question to presume that those in charge of the Lyceum numbers can prescribe definite dates. To secure high-class attractions, such as the Hungarian Royal Orchestra, we are obliged to take available dates. A good deal of credit should be given to those who were able to secure the latter.

The general opinion, then, of those who raised the question, was that all organization meetings that fall on a night holding a Lyceum program should be either canceled or cut short. This action would permit all to attend, a circumstance certainly desirable we are told.

THE STUDENT Commission has offered a reward of twenty-five dollars in an effort to stamp out petty thievery. Such an action was also taken last year but nobody claimed the reward. Nevertheless, the fear of the law seemed to produce a very definite turn for the better. We doubt that even a few students are guilty of the offenses that have been committed this fall. It is our opinion that the major portion of the blame should be laid on outsiders, particularly those under high school age. If any member of the student body is caught in the act we do not doubt but that his disgrace will be immediate and a part of the policy of expelling such a person from school.

Among Our Contemporaries

The students and alumni of St. Thomas College have formulated plans to enlarge their enrollment next year. They are going to conduct an extensive campaign so that they get a large number of new students. Although there is a majority of men students here, who would rather be a Tommie than a Bison?

Since the Nodaks won the North Central Conference grid championship, twenty-one men will receive gold footballs. This is the first time in conference history that the university has gone through a season undefeated and for the first time has captured the conference championship.

A new college edict has been laid down in some colleges—"Thou shalt not fly."

We have often heard it said that every kiss shortens a person's life three minutes. An editorial in the Volante states that this is an unfounded statement. Undoubtedly some people will be relieved to know that they still have a few years to live.

This same editorial defines a kiss as a peculiar proposition—of no use to one, yet absolute bliss to two.

The average football player in large universities brings ten thousand dollars to his school in gate receipts and endowment funds.

Our Honor Organizations

Phi Upsilon Omicron

Phi Upsilon Omicron is a national professional sorority whose purpose is to advance and upbuild the science of home economics at the North Dakota State College.

"Phi U" was founded at the College of Agriculture, University of Minnesota, St. Paul, February 10, 1909. Beta chapter of Phi Upsilon Omicron was founded at North Dakota State College in the fall of 1914. There are sixteen chapters.

Officers of the organization are Ethel Jones, president; Doris Abel, vice president; Minnie Willmert, secretary; and Alice Peterson, treasurer. Other members are Arlene Burt, Jayne Sudro, Margaret Green, Christine Johnson, Doris Wilner, Inez Lunder, and Marie Webster.

NOTICE!

The Lincoln Debate Club will meet in the Little Country Theatre Tuesday afternoon at four o'clock to discuss plans for the coming intercollegiate debates.

Signed:
Morris Olson, Pres.

\$22,132.33 SPENT LAST YEAR TO KEEP WARM

As Mother Nature's energy producer creeps farther and farther away, the steam sizzles and pounds in the radiators from end to end of the campus. Where does this steam come from?

Half way between "Science" and "Agriculture" is a low brick building. Last year in this building 6,789.06 tons of North Dakota Lignite at a total cost of \$22,132.33 were converted into steam energy which was dispatched to the radiators in the various buildings on the campus. On the coldest days, usually in December, 40.78 tons of coal are consumed each day, at a cost of \$131.76. The steam yield of the various grades of coal is from 4.72 to 5.17 pounds for one pound of coal.

When we put this down to cost per student we find the cost to be twenty-one cents per day per student. All this in an effort to keep a summer temperature in the buildings.

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BENJAMIN HARRISON sat in the White House Chair at Washington when North Dakota Agricultural College selected its site, built its first building, and moved in. That was just 38 years ago, or 1890.

Since then the voters elected Grover Cleveland (second term), William McKinley, Theodore Roosevelt, William Howard Taft, Thomas Woodrow Wilson, Warren G. Harding, Calvin Coolidge, and Herbert Hoover, president-elect.

With each succeeding president of the United States the country has made progress. And likewise the college with each succeeding year has progressed.

Write for booklet which tells all about the opportunities the college offers.

NORTH DAKOTA AGRICULTURAL COLLEGE

5-ACTS-5 VAUDEVILLE 5-ACTS-5
 NOW PLAYING
 FEATURE PHOTOPLAY:
 LOUISE FAZENDA in "VAMPING VENUS"

BUSTER KEATON in
 "Steamboat Bill Jr"
 NOW PLAYING

Why Does A Fliver Refuse To Start? That's like asking "How far is further?" It's a mystery----- Not so with Learbury College Clothes. The "young Bucks" buy them many, often, and quick. They are authentic and there's no mystery about 'em.



Ebullitions of Ebony Blott
By Everett Wallum

At convocation last Monday, Mr. Flowers stated that the youth of today is searching for ease. Foot-ease, perhaps, after one of these collegiate shin digs.

Only an extreme optimist would search for ease at this college.

But you can't blame this younger generation for wanting to be like the fathers and mothers.

Judging by the way a number of students are gyrating wildly about the campus, some of the younger generation should be searching for fleas.

Among the one act plays presented at the L.C.T. last Wednesday, the literary effort "That's My Hat" is probably the most virile in exposing campus thievery.

"Two Three-Sided Contests Will Be Settled Tomorrow", is the news gleaned from a Spectrum headline. They ought to keep these eternal triangles out of the press.

But the worst triangle of all is the interna triangle we just swallowed in the form of restaurant pie.

"Pemble Wants to Get In Race Also", vibrates a headline on this noble squeak. He's got a run in his sock, anyhow.

Nowdays, everybody wants to get in some kind of a race, if it's only running down the neighbors.

Jack says he only got one vote, but he got that honestly thank hevings. And the Pemble escutcheon remains unbesmeared with political filth.

Now that Y week is here, maybe we can ask: Y is a elephink? Y do my toes turn in before I go to bed? Y does it take a pint to convince some people that the world goes 'round? Y do co-eds cut off their hair just where they need the most ballast? Y, O Y?

At 9:30 tomorrow morning, the "Y" is going to have a joint session which probably means that pig's knuckles will be served.

In a spirited oratorical masterpiece, Graham Fuller gave millions of waiting listeners to understand that he has no intention of reversing his name.

The seniors are attempting to make the diplomas smaller. To us, they're so far off we can't see them anyway.

Mr. Flowers stated that the modern youth goes through three stages. Most of those we've seen get rotten-egged off the first one.

"Seventy Women In Girls' Glee Club", says a Spectrum headline. We know, but how many girls?

The student commission is offering \$25 for the apprehension of a campus thief. We're honest, but the proposition interests us.

Goody, goody, now we won't be able to take any exams.

Bison To Meet South Dakota 'U' Saturday

Vermillion Game To Be Final Of Season

Gergen Only Member Of Squad To Remain Here; Last Play For Many

The Bison are preparing for their final game of the year and their final conference game of the 1928 season without the services of their star quarterback, Pete Gergen.

The Bison are scheduled to meet South Dakota University at Vermillion tomorrow and Gergen will be left behind because of injuries sustained to his ankle in a practice session this week. Gergen will rest and allow his ankle to heal so as to be in shape for the basketball season which will begin soon.

The University of South Dakota were defeated last week by the University of North Dakota, 6 to 0, the score coming on a recovered fumble by McMillan, the Nodak center. Few injuries were reported after the game in the Coyote camp and as far as the meagre reports can furnish information the Bison are in for an equally strong battle this week as the one they fought at Brookings last Saturday. A win for either team would give them a raise in the final standings as South Dakota has lost three consecutive weekends to North Central conference teams while the Bison have lost but two.

The entire Bison outfit is in fine condition for the last game and possess the fight to carry them to a victory over the South Dakota U which was proven by outplaying the South Dakota State in the first half until one of the officials noticed an infraction of the rules and gave the Bison a severe setback in the closing minutes of the first half.

The men who were in the squad that went to Vermillion are Hiltz, Ranes, Babcock, Blair, Sullivan, McGrath, Moe, Barney, Gorder, Ordahl, Williams, Blakeslee, Hermes, Peschel, Pariseau, May, Hanson, Bassett, Freeburg, and Skaret.

FLOWERS WILL SPEAK AT CONVOCATION AGAIN

Due to the interest shown in Monteville Flowers' talk at convocation last Monday morning, Dean A. E. Minard has secured him to speak to the student body again on Monday morning, November 19 at 9:40.

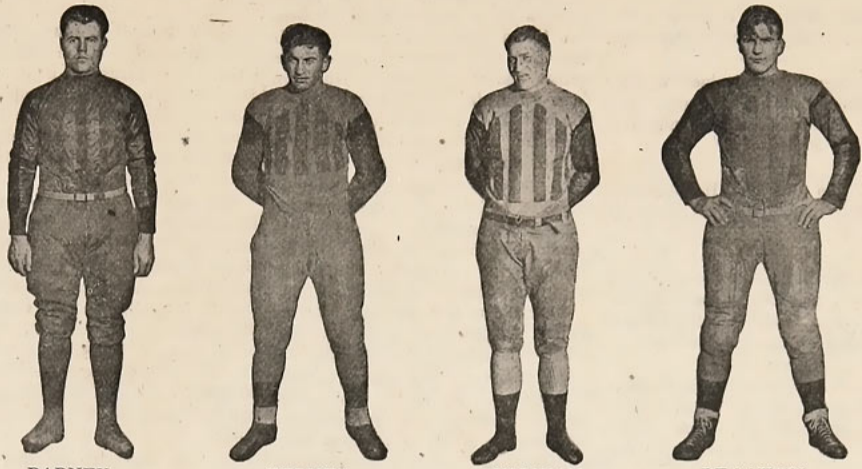
At that time he will further develop the theme of his last convocation talk, "What American Youth Is Thinking."

Mr. Flowers' home is in California, but he is lecturing under the auspices of the extension department of the Minnesota University.

In speaking of convocations, Dean Minard also mentioned that he again had dated up Henry Farbman, violinist, for the 18th of January. Mr. Farbman was supposed to have given a convocation program here on Monday, November 2, but was hurt in a bus accident several days before the program.

New ball-room steps for the coming season—
Featuring "CAMPUS DRAG"
Frances G. Wright's Dance Studio
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FOUR 1928 BISON VETERANS



BARNEY HERMES SULLIVAN DE SAUTEL

In the above quartet, all are letter-men in the 1927 campaign. Gerald Barney is a hard hitting, stubborn lineman whom the offense finds hard to get through at critical moments.

Geo. "Dutch" Hermes is one of Borleske's star halves but has been bothered by his knees this season although he turned in a hard hitting performance this week that speaks bad for

the opposition, Saturday. Sullivan and Desautel are well-known for their parts in the Nodak-Bison contests of the past. The above quartet will finish their varsity competition at Vermillion this week.

WRESTLING WORKOUTS STARTED WEDNESDAY

A number of wrestling candidates turned out for the initial workout Wednesday evening. The grapplers received a few of the preliminary fundamentals of the game and will practice the rudiments of wrestling for the first few sessions.

The next meeting will be held in the "Y" Friday evening, and Lt. Smith, wrestling instructor, will give the candidates a few concrete tests. The candidates will also be paired off in classes, and eliminating contests will be held to determine the champion of each class.

MASONS WILL GIVE SCHOLARSHIP AWARD

Awards of \$30 and \$20 will be given to the two students enrolled in the state institutions of higher learning who are judged winners in the essay contest sponsored by the Masons, according to Dr. W. H. Hutcheson, executive secretary of the committee on Masonic service and education in North Dakota.

The award is to be known as the "Grand Scholarship Award" and is sponsored by the grand lodge, A.F. and A. M. of the state. Essays are to be of not more than 2500 words and not less than 2000 words. The theme may be either the affirmative or negative side of "The North Dakota State Industrial Program." The papers must be submitted to Dr. Hutcheson by March 1.

Sciences Portrayed In Rho's Fireplace
(Continued from page one)

which were discovered on the Motsiff farm near Mandan by Mr. and Mrs. H. L. Walster, and Leonard Luther in excavating a refuse mound. From the standpoint of its relation to agriculture is a very rare and noble "celt" which is a little tool about two inches wide and four or five inches long. This is the most primitive implement made in the early stone age. It was donated by Leonard Luther.

"Then to give something modern and agricultural in flavor," Mr. Walster said "we added a Pipestone horse-shoe, made by the Chippewa Indians for distribution to tourists."

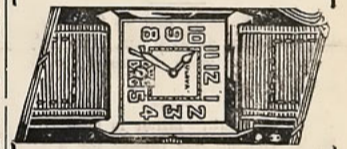
The screen was designed by Dr. Wheedon's son, Ronald. It was cut from a solid piece of mild steel three-fourths of an inch thick. It consists of the Greek letters, A G R, supported by two cycles, the recognition pin of the fraternity. When completed it will be attached to the spark screen by hand riveted rivets and will have hand hammered feet and handles.

The andirons, which are not yet completed, are made of two pieces of railroad iron turned up slightly at one end. The railroad iron was chosen

because the rails have played such an important part in the development of the state.

It is rumored that the pledges of the fraternity in the future will have an intensely interesting "rookie duty" in getting acquainted with the fireplace.

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K NEWSY K NOSEY KAMPUS K COLUMN

Professor Bird was a dinner guest at the Kappa Phi house Tuesday noon.

Phi Omega Pi entertained Worthy Grand Matron Mrs. Guar and Mrs. Rusk at dinner Wednesday night at the chapter house.

Mrs. Beals and Mrs. Hopper have been chosen patronesses of Alpha Xi Beta.

Delta Phi Beta and their pledges will hold a pot luck supper Monday in the chapter rooms. Betty Farnham is in charge of the arrangements.

The seniors of Phi Omega Pi were entertained informally Tuesday evening at the home of Leone Sands Johnson, who is an alumnus of the sorority.

Coach Borleske and Coach Finnigan were dinner guests at the Kappa Phi house Wednesday noon.

Kappa Phi announces the pledging of William Myer, Hitterdahl, Minn.

Phi Omega Pi will hold their annual rummage sale Saturday, Nov. 17. Agnes Hanson is in charge.

Kappa Alpha held a meeting in Ceres hall, Tuesday evening.

Kappa Psi entertained the State Board of Pharmacy at dinner Thursday noon.

Alpha Xi Beta will hold a candy sale Saturday, Nov. 17 at the State Theater.

Guidon Sorority had its first meeting, Tuesday at 3:30 in the Blue room. Plans were discussed for the coming year.

Marie Smith Miller is here from Minot visiting her family for a few days.

The active members of Kappa Psi will entertain their pledges at an informal dance Saturday, Nov. 17 at the Powers hotel. Favor dances will be the feature of the evening. Decorations will be in fraternity colors. Dean and Mrs. W. F. Sudro and Professor and Mrs. Jongewarde will be the chaperons.

Miss Harriet Hallenburg entertained the active members of Kappa Alpha and the Freshmen pharmacy girls, Evelyn Galbe, Mary Miloy and Dorothy Warburton at a waffle supper Sunday evening. Sorority colors were used in the decorations. Compacts were given as favors.

400 BIRDS BANDED BY STEVENS THIS FALL

Four hundred birds have visited the traps of C. O. A. Stevens in the past few weeks, have been given a visitor's card, and released to continue their journey southward. Mr. Stevens is especially interested in the Harris Sparrow which winters in South Central United States. The course of their migration forms a narrow belt from South Central Canada to Northern Texas. Fargo is in the central part of this belt. It is in the course of their migration southward that they are trapped and "banded".

Mr. Stevens is making a study of this bird and is incorporating his study into a scientific paper in cooperation with Myron H. Swenk of the University of Nebraska. He is also preparing a paper on the same subject for the annual meeting of the Wilson Ornithology Club at Ann Arbor, Michigan, November thirtieth.

Bird "banding" was started in 1803 by Audubon. There are now 1000 trapping stations in the United States and Canada. At these stations birds are captured, "banded", and released. In this way much can be learned concerning the habits of the various species. Anyone who shoots a "banded" bird is requested to report to the bureau in the Department of Agriculture.

Art club held a Studio dinner Thursday at 6:30. Mrs. Shaw, Mr. Huntington, Miss Cole, Mr. and Mrs. Otterson, Miss Baillie, Mr. and Mrs. Monroe will be honor guests. Marion Schroeder, Dorothy Lieb, and Ethel Smith are in charge of the arrangements.

W. A. A. held a pot luck supper in the physical education office Wednesday. A meeting was held after the supper.

PRESBYTERIAN CHURCH BANQUET THIS EVENING

All college students who are affiliated with any Presbyterian church are cordially invited to attend the second annual "Smile Banquet" to be given in the basement of the Presbyterian church Friday, Nov. 16 at 6:30 p.m.

Arrangements are in charge of the Young People's Christian Endeavor society. Rev. Bob Robertson, an A. C. student, will be speaker of the evening. Tickets are 50c a plate.—Pd Adv.

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Guerra Makes Survey For Masters Degree

Says Stockmen Over The Range Are Enthusiastic Over The Present Price Of Beef

Lizandro Guerra, Lima, Peru, post graduate student in the School of Agriculture, returned here recently from a ranch inspection trip through Montana, Wyoming, and the Dakotas. More than four thousand miles were toured by Mr. Guerra during the three weeks he was on the trip.

The object of the trip was to study the conditions and the problems that face the rancher in the Northern Great Plains region. The Northern Great Plain region embraces that portion of Montana east of the Rocky Mountains, the northeastern quarter of Wyoming, and those portions of the Dakotas west of the hundredth meridian. The region is comprised of approximately 152,000,000 acres of land.

The trip made by Mr. Guerra was in the charge of M. B. Johnson, who is a representative of the United States Department of Agriculture, and head of the agricultural experiment stations in the above mentioned states. A thorough study of the economics of operation was made, this involved a investigation of bookkeeping systems, grazing conditions, health conditions of animals, and the housing of stock over winter. The entire trip was made by automobile and an average of two hundred miles was traversed daily.

Montana State College, Wyoming University, South Dakota State College and North Dakota are the only four colleges in the United States that offer a trip of this nature. The trip is cooperative between the four colleges and the sixty ranches visited on the tour.

Mr. Guerra's folks operate a number of large ranches on the slopes of the Andes; these ranches being typical of the ranches visited by Mr. Guerra. The climatic conditions of the countries are similar with the exception of the altitude that being higher in Peru. Mr. Guerra emphasized the

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fact that if the cost of wintering cattle during the severe winter of this country was not reduced, South America in a course of time would be supplying the United States with cattle. He pointed out the fact that South American countries were able to raise for less than half cost of raising cattle in this country. Mr. Guerra stated that the ranchers are jubilant over the present cattle production, and that price at which they will be marketed this season. In the last two stock judging contests held by the School of Agriculture Mr. Guerra has annexed the highest honors.

NEW RESTAURANT FOR COLLEGE STUDENTS

In reconstructing the buildings on the corner of 13 st. and 12 ave., W. H. Flynn, owner of Flynn's Oil Station, intends to open a restaurant for the benefit of college students.

The barber shop will be moved into the new addition, and the restaurant will occupy its present site. Connected with the grocery there is to be a meat market. On the second floor provision is being made for two flats. Mr. Flynn expects to build a new oil station on the corner later and also a cleaning and pressing establishment.

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"DAD" ELLIOT WILL SPEAK AT Y BANQUET

"Dad" Elliot, nationally known "Y" figure, will speak at the conference banquet given at the Baptist Church at 6:15 p.m. on Saturday. As Mr. Elliot is on his last tour before taking over new "Y" duties, there should be a large representation of students and "Y" members at the banquet. A fee of 65 cents will be charged.

Ralph Hollinger, who is taking "Dad" Elliot's place as National Student Secretary, will speak at a joint cabinet meeting of the downtown and College "Y's" in the college "Y" library at 4:30 Sunday. At 5:00 he will address a public meeting in the library. An informal tea at 5:00 will close the conference.



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