



GRAND MILITARY BALL ON TUESDAY NEXT

U. of N. May Be Moved

The fact that certain divorcees attended the Social Club dance last Saturday night has caused no end of trouble in the Legislature. During the progress of the above mentioned hop members of the legislature were heard to remark upon the age of some of the "girls" present. Upon being informed that the ladies in question were not from Manzanita hall but were members of the local colony the solons seemed somewhat surprised, but said nothing. It was not until the following Friday, however, that anything happened.

Then over at the capital during an otherwise uneventful session, Assemblyman Arnold of Esmeralda county arose and introduced a bill providing for the removal of the institution to Carson. For the benefit of the guilty parties who brought this trouble on our heads we will quote a section of the bill. It reads as follows: "The State University is hereby removed to Carson City on account of the baneful influences exercised by the divorcees; which influences permeate and contaminate the invigorating atmosphere of the University."

Now we are not blowing or censuring these misguided people who unintentionally caused all this trouble—all we have to say is that when the University is

moved to Carson we hope the divorcees will not follow us up and contaminate us. If they do it will be necessary at the next session of the Assembly for us to take to the tall sagebrush or else to some other equally hidden rendezvous.

DWIGHT LEAVITT APPOINTED

U. of N. Graduate Accepts Position

Dwight C. Leavitt, '07, was appointed manager of the power plant at Virginia City, Nevada. This position was lately vacated by an official.

This is Mr. Leavitt's second raise since he left school in 1907. The position as manager of the Yerington power plant, which Dwight Leavitt has just resigned, will be filled by his brother, Louis.

Louis S. Leavitt, '10, was prominent in athletics while in college, as was his elder brother. We desire to congratulate Louis on his rapid advancement in electrical work.

A meeting of Girls' Basket-ball Association Tuesday, 4:30 p. m., in room 6, Morrill hall. MINA SMITH, Secty.

Biggest Dance of the Season Coming Soon

The dance of the college year, to which all students have grown to look forward, is at length due. The Military ball will be given in the university ballroom, also known as the gym., on Tuesday night, February 21st. The music will be furnished by the Cadet band under the supervision of Professor Bennett. For more than two months our band boys have been daily practicing new and difficult pieces of music along with the old favorites. The music affords a pleasant surprise for everybody. There is no question as to the ability of our boys rendering these new selections to the delight of those present. It is generally conceded that Nevada has the best University band on the Pacific coast, not excepting our old rival over the hills at the bay. We are proud of them. They are simply there! And so we will all be there when their music begins.

Girls, don't miss the chance of your life to be famous, or be next to great. Yes, Governor Oddie and his staff will be there, and so will "Senator" Creel, all in blue uniform with braid and brass buttons, for the Governor has so requested his staff to thus appear in our honor. Every girl will have

her choice of the boys in blue. Those wishing to do so may present their cards to Cecil Creel and be introduced.

The decorating is under the auspices of the commanding officers and first sergeants of the companies.

The walls and ceiling will be draped with large silk American flags. These will be trimmed with bunting and any amount of small flags. The pillars of the music stand will present the Fourth of July peppermint candy effect, and the historic old milk can will serve only as a relic to be admired by the "uncouths" in the gallery. Punch will be served to suit the individual's taste. When that night comes, there will be fair maidens and brave men, maidens in lovely gowns and men who will lay down their fives for the moonlight dances. These dances will be indeed the features of the evening. It is promised that surprises will be handed out at every turn.

Many of the alumni will be back and the evening promises to be a real reunion of the big university family. Everybody is welcome. Admission will be one dollar for students. If fair ladies—handsome men—excellent band music and a perfect dance hall count for a good time, we'll have it Tuesday night, Feb. 21, 1911.

Student Club Entertains Reno Bankers

Last Saturday the U. N. Agriculture Club entertained at dinner in the Domestic Science parlors on the campus. Several Reno bankers were the guests of this lively club. Promptly at 12:30 the co-eds who assisted Miss Bardenwerper in her catering brought in delicious bouillon and wafers. Following this a delicious four-course dinner was spread before the members of the club and their guests.

During the meal agricultural topics were discussed with a view of promoting the present course given in the U. of N. Agricultural College.

The bankers expressed themselves as being desirous of improving the present department and were willing to aid any movement in that direction.

The Agricultural department is made up of many of the most wideawake students in U. of N. and shows more increase in numbers than any other department. The greatest need at the present time is more equipment with which the work may be carried on.

It is with this aim in view that the club is now working, and intends to make itself heard in the future.

Places were set for the following:

Mr. G. H. Taylor, Mr. C. T. Bender, Mr. F. H. Lee, Dr. H. E. Reid, Professor G. H. True, Professor C. S. Knight, Mort Charles, Cecil Creel, Neil McVicar, Carl Milentz, Joe Wilson, Lester Harriman, Lloyd Patrick, Harold Manion, Corliss Darling, Sol Cazier, Rich Randall and Gene Sullivan.

The club desires to thank Miss Bardenwerper and her able corps of assistants for the delightful way in which they served this first one of the Agric dinners.

AGRICULTURISTS ENJOY A FEAST

Last Thursday's Class in Animal Husbandry Is Well Received at Cooking Department

Professors True and Knight and the entire class in stockjudging while judging a beautiful saddle horse on the campus near Stewart hall were delightfully surprised by the advent of a cake—a real cake 3 stories, basement and a cement walk. A broad grin adorned more than 10 "farmer's" faces as the Domestic Science department, under Miss Bardenwerper's training produced a delicious frosted cake—the kind we all hear about but so seldom taste. The department is to be congratulated upon this one representative of its products.

Like all U. of N. students, those of us who "scratch" for the Sagebrush get hungry once in a while. We are like the small boy who got a dime from his dad and asked, "Say, Pop, got any more?"

U. OF N. PROFESSORS INVESTIGATE

Prof. Maek and Heller Go to Yerington

Last Wednesday in pursuit of the disastrous epidemic that is killing so many horses near Yerington two of our professors left for that place.

This epidemic is very disastrous and cannot be dealt with as yet. The horses seem to be taken suddenly ill and die without any apparent cause.

The exact causes cannot be determined as yet. Prof. Heller reports that the trouble is not with the pasture or hay, so that all attempts thus far have proven useless in stamping out this epidemic.

MRS. LAYMAN ENTERTAINS

Noted Hostess Again Entertains U. of N. Students

Last Saturday afternoon a number of the U. of N. co-eds spent many enjoyable hours sewing at the home of Mrs. J. D. Layman.

The Layman home, always famous for its genial hospitality, was again crowded with a joyous crowd of co-eds in dainty gowns. Sewing was the main part of the procedure, but delicious refreshments were later served to the merry seamstresses.

At dusk the "be" broke up, bespeaking Mrs. Layman a royal entertainer.

Battalion Ball

Agriculture Club

NEVADA MUTTON IS PREFERRED

We Can Raise It — Just Give Us the Chance

The Animal Husbandry department has lately received many compliments on the mutton raised on the University farm. Below is one of the many letters received:

"Gordon H. True, University of Nevada,

"Dear Professor:

"Thanks very much for the information that the California Market had some Nevada winter lamb from the Animal Husbandry department of the University.

"I purchased a hind quarter and will say it was the finest lamb I have eaten for a long, long time; in fact, since I left my home in Yorkshire, where they have the reputation of raising the best eating mutton and lamb in the world—but in my judgment that from the Wiltshire Downs and Yorkshire Wolds is not one bit better.

"Kindly keep me posted when there is any more on the market, so that I may avail myself of such a treat.

"Yours truly,
"A. W. Plummer."

STUDENTS IN CARSON

On Friday, February 17th, Prof. Paine's argumentation class went to Carson to visit the legislature. The young men went to learn the workings of our legislative body and to note the manner and methods of speech delivery, which will be useful to them in after life in their chosen vocations. The following took the trip: Prof. Paine, Harold Hale, Francis Cunningham, Rob Ferrar, Allan Carville and Paul Harbaugh.

MEN'S BASKET BALL NEXT SATURDAY

Next Saturday to Be a Contest Day

The High School basket-ball teams of Nevada will congregate in the U. of N. gym. next Saturday afternoon and evening to play basket-ball. This tournament is carried on by the associated students with the idea of promoting athletics among the high schools of Nevada.

We heartily commend this

method and any means of assisting will be considered a favor. The high schools which are to participate are Reno, Carson, Gardnerville, Tonopah, Goldfield and U. of N. High. The winning high school team is to receive a beautiful banner, presented by the Associated Students of the University of Nevada.

In order to pay the heavy expenses of bringing these teams to Reno the management is to charge

a nominal admission of 25 cents both afternoon and evening. But a combined ticket is to be sold for both afternoon and evening for 35 cents. This ticket includes the privilege of dancing immediately after the final game.

As yet the exact schedule of games, is not complete, but the final game between the two winning teams of the afternoon will be played in the evening.

This tournament is the first

ever arranged by the student body, and will surely meet with high approval of everyone.

The interest created among high school students, only a little way from college, is the best means of building up U. of N. Any way in which these students can be brought in contact with the University will stimulate their desires to attend college.

Go to the men's basket-ball tournament, Saturday, February 25, 1911. Admission 35 cents.

INTERCLASS BASKET-BALL

Tournament to Be Enriched by Class Spirit

Next Saturday afternoon in the gymnasium the Freshmen and Sophomores will meet once more. Basket-ball will be the sport in which the Sophs will again strive to outdo the lower-class men.

As yet the teams are not picked, but every one ought to see this last interclass contest and see whether the Sophs will be a third time victors.

Following the last high school game on Saturday afternoon the upper-class men and the U. of N. faculty will strive for victory.

These two teams are all veteran players and promise a first-class exhibition of men's basket-ball.

Don't forget this! The first Men's Basket-ball Tournament Held—Make it a custom!

Sorority Chocolates, the College Girl's Candy, 60 cents a pound. Red Cross Drug store.

Practical Forestry at U. N.

Live Students to Ask Legislature For Land to Carry Out Experiments

Last week a letter was written to several members of the legislature asking them for a part of section 28 in township 19 north, Range 18 east, for the forestry department of the University. This plot of land lies about a mile southwest of Verdi and bears now a fair growth of young timber. The forestry course lately begun at the U. of N. for its ultimate purpose the protection and reforestation of the present forest areas. This tract of land is now a mass of tangled underbrush, fallen trees and burned stumps.

This condition, the forestry department, under Professor Kennedy and Professor Heller, intend to remedy and in a few years have a forest that will vie with those of Michigan and Minnesota for

rapidity of growth and clean underbrush.

Forest fires of late years have destroyed thousands of acres of valuable young timber that would develop into lumber in a few years. The students of forestry expect to remedy this disaster by several means of prevention, such as backfiring, underfiring and trenching, to avoid fire which is using twice as much lumber each year as all other factors.

Should the Legislature grant this land to the University of Nevada the State will see an advancement that few other western states possess. This tract of land is especially suited to forestry because of its location and the slope of the hill in two directions and its peculiar undergrowth.

The Sagebrush sincerely hopes that the Legislature will realize the importance and possibilities of the forestry department, which needs a field to work in.

LEGISLATURE NOTES

University Bills Introduced in the Legislature

The following bills of interest to the University have been introduced to date:

A bill providing for the erection of a new mechanical building and appropriating \$40,000 for that purpose.

A similar measure appropriating \$70,000 for a new biological building.

A bill appropriating \$50,000 for the purchase of a University farm and animals to stock the same.

All of these bills have been referred to the committees and have not yet been acted upon by them.

In addition to the above, bills appropriating money for the maintenance of the Elko dry farm and Clark county farm have been introduced in the assembly.

Burning and carving sets for Pyrographic Art Work. Porteous Decorative Co.

New University of Nevada Banners

GET IT AT CANN'S

Orange Blossom Candy FRESH EVERY DAY

The U. of N. Sagebrush

Published four Mondays of each month by the Students of the University of Nevada

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Editorial

Track season and baseball season are now being looked forward to with some interest. Baseball practice is going on each evening and track training will commence as soon as possible. But how about football?

Many universities carry on with great success their light spring practice. Why not Nevada? Our material it is true is drawn from fewer men than many other universities, but that need not prevent our squad from possessing a superior knowledge of the game.

Some universities of the United States allow the students to study football scientifically, or in other words to study the game from a logical, reasonable point of view.

Rugby is not absolutely different from the American game. Why not study Rugby from a theoretical point of view? Then, when our team gets into real active work, early in the fall, their time will not be altogether taken up game," but the mechanical physical part of the "true man and for three weeks "learning the man" game will be carried out.

We have on the Mackay field a beautiful and well-equipped building for training, containing a lounging room. What better place could be found for a lecture room.

Would this not be carrying out the purpose for which the donor gave us this magnificent building?

THE ENGLISH I BANQUET
 Next Thursday the members of the English I classes will hold a banquet in the Domestic Science rooms. The purpose of the banquet is to promote good fellowship in the class.

As one of the regular themes Mr Paine assigned an after-dinner speech, to be on some subject connected with English I. A few of the best of these speeches are to be delivered after the banquet. The committee appointed by Mr. Paine to attend to the banquet and carry it through has been working hard and promises an excellent feed and a royal good time to all who attend. Last year such a banquet was held for the first time in this college and met with the greatest success, but it is the intention of this year's committee to completely outdo last year's affair. By taking advantage of the experience gained last year, and by good management, they are certain that they can do so. A small fee will be levied on each member of the class to cover expenses. The date is February 23, 1911.

MAJESTIC THEATRE

Four vaudeville acts and three reels of moving pictures form the vaudeville bill at the Majestic theatre this week. The acts comprise Captain Thornton and his six Teddy bears, Frehall Brothers in a burlesque strong man act, Brown & Wilmont, singers and dancers, and Clarice Punch. The pictures are changed daily and there are performances every day at 3 p. m., 7:30 p. m. and 9 p. m.

On Wednesday night only Rex Beach's "The Barrier" will be at the Majestic for one performance. This is the New Amsterdam theatre, New York, production.

DR. STUBBS AT CARSON

President Speaks Before Legislature

Last Wednesday afternoon Dr. Stubbs explained to the Legislature the future plans of our University. The points of most importance were dwelt upon by him.

The Legislature is planning to do all possible for U. of N., and this means of obtaining information was looked upon with favor by them in joint session.

Dr. Stubbs announced that future gifts may be a surprise to the entire State as they watch the U. of N. jump from infancy to a big boy with 500 or 600 students.

Surveying instruments and supplies at Porteous Decorative Co.

MILITARY SCHEDULE FOR WEEK FEB. 20-27

Juniors and Seniors—Lieut. McClure instructor, Feb. 20., marches and convoys; Feb. 21, Feb 22., Washington's birthday; Feb. 23, Shelter; Feb. 24, combat of offensive.

Sophomores
 Lieuts. Hobbins and Linton:
 Feb. 20—Examination.
 Feb. 22—Washington's birthday.

Feb. 23—Nomenclature of rifles, rifles to be taken to class.
 Feb. 24—Firing regulations.

Freshmen
 Feb. 20—Review.
 Feb. 22—Washington's birthday.

Feb. 23—Practical instruction in guard duty.
 Feb. 24—Same as 23rd.

The above schedule is subject to change. The bulletin board announces all changes.

Pictures and picture framing at Porteous Decorative Co.

LAW DEPARTMENT FOR UNIVERSITY

That Assemblyman Salter of Ormsby county believes it is high time for Nevada to produce her own lawyers is evidenced by the fact that a measure which will accomplish such a result was introduced by him Friday. Mr. Salter's bill calls for an appropriation of \$28,000 to establish a law department at the U. of N. Of this amount the sum of \$15,000 is to be expended for books and treatises, \$10,000 for the salaries of professors, while the remainder of the appropriation will be used to furnish suitable rooms for the students.

Y. W. C. A.

The Young Women's Christian Association will hold its weekly meeting in the Y. W. C. A. room Tuesday at 4:30 p. m. All girls are invited to be present. Last week the association enjoyed a talk from Miss Martin, who expects to sail in the fall to China as a missionary.

Quiz—Why can't a man's nose be over 11 inches.
 Ans.—If it were 12 inches it might be a foot.

EXECUTIVE COMMITTEE

There will be a meeting of the Executive Committee in room 6, Morrill hall, on Monday night, February 20, 1911. By order of chairman, M. E. Jepsen.

Drawing materials and instruments at Porteous Decorative Co.

Snappy College Boots

For Young Men and Women Who Appreciate "Class"

Young Men's College Cut Shoes—In gun metal and patent colt; blucher and button styles on the latest 1910 shapes. Prices \$4.00 and \$5.00

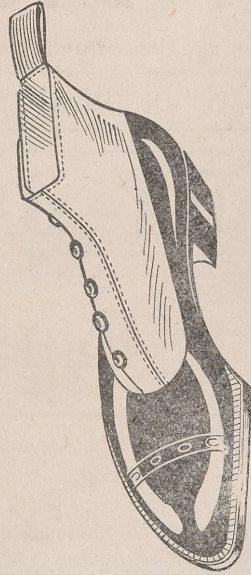
Young Men's Tan Calf Drilling Shoes—In blucher lace styles with double soles; high toe patterns with military heels, snappy and up to date; all sizes. Prices \$4.00 and \$5.00

College Shoes for Young Women—Made with broad toes and flat, sensible heels. We carry these shoes in patent colt, gun metal, vici kid and tan calf; lace and button styles; all sizes. \$3.50 to \$4

Gymnasium and Tennis Shoes

Gymnasium Shoes—Made with black kid tops and elk skin sole; all sizes, 2 1/2 to 7. Price \$1.50

Tennis Shoes—In black and white; canvas tops and rubber soles; sizes 2 to 7. Prices 75c to \$1.25



Gray, Reid, Wright Co.

"BETTER THAN EVER"



Boys! Have You Seen Barry's "Pup"?

This is the greatest thing ever gotten out in the shape of shoe leather and is taking the College Boys all over the country.

We are the sole agents for this wonderful shoe. Come and see it or pick it out in the window.

Watch this space for important announcements from time to time.

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TRUCKEE'S WINTER SPORTS

AS FOLLOWS

Tickets On Sale Saturdays and Sundays

Reno to Truckee and Return - - - \$1.95
 Sparks to Truckee and Return - - - \$2.15

Tickets Good To Return Following Monday

TRAINS

Leave Reno 2:45 a. m. Arrive Truckee 4:25 a. m.
 Leave Reno 7:03 a. m. Arrive Truckee 8:50 a. m.
 Leave Reno 9:20 a. m. Arrive Truckee 10:55 p. m.
 Leave Reno 1:55 p. m. Arrive Truckee 3:45 p. m.
 Leave Reno 7:40 p. m. Arrive Truckee 9:45 p. m.

RETURNING

Leave Truckee 6:30 a. m. Arrive Reno 8:05 a. m.
 Leave Truckee 8:03 a. m. Arrive Reno 9:55 a. m.
 Leave Truckee 4:15 p. m. Arrive Reno 5:50 p. m.
 Leave Truckee 7:45 p. m. Arrive Reno 9:25 p. m.
 Leave Truckee 11:20 p. m. Arrive Reno 1:30 a. m.

TOBOGGANS AND SKEEING

The long Toboggan Slide has been put in excellent condition. Plenty of Skis and Toboggans—warm, comfortable waiting rooms—good hotel accommodations.

Everything has been placed in shape to accommodate the people in large numbers, and give them a good winter outing and sport.

A good chance to view the Sierras with the huge covering of snow.

Watch for University day at Truckee.

For Further Information, Phone, Call, or Write

District Passenger Agent

238 Center St., Reno, Nev.

Phone 271

AUTUMN STYLES

Men can indulge their personal preferences this season to a greater extent than heretofore.

The variety of styles and colors are so numerous as to allow every man full latitude in selecting his Autumn suit or hat, only regarding the matter of colors and style most suited to you, which is most important.

We never were quite so confident of pleasing everyone as we are today.

THE SUNDERLAND STORE

"THE STORE WITH A REPUTATION"

TYPHOID FEVER

Its cause, dissemination and prevention

Dr. Mack addressed the Faculty Science Club Monday afternoon, on typhoid fever, its cause, modes of dissemination and methods of prevention. He said in part:

Typhoid fever is a specific infectious disease of man, not affecting the domesticated animals. Its cause is known technically as *Bacillus typhosus*. It belongs to that class of microscopic plants known as bacteria, the lowest known form of vegetable life. This bacillus or "germ" is rod-shaped in form, with rounded ends and possesses the power of locomotion, as do many species of bacteria. It is so small that the higher powers of the microscope are necessary in order to see it.

This organism is parasitic upon man but capable of living outside his body. That is it thrives best in the tissues of the human body, but can live and reproduce itself outside, provided the conditions of temperature, moisture and food are satisfactory. It can live for a while in water but it is doubtful if it increases there unless the water contains considerable organic matter to serve as food. In milk it will increase rapidly unless the temperature is too low.

To understand the occurrence of typhoid fever and other communicable diseases it is necessary to know something of the life history of the causative micro-organisms. The cause of these diseases was altogether unknown until within a comparatively few years. In earlier times it was attributed to occult or supernatural forces. For instance at one time it was supposed that the gods, angry with mankind, wreaked their vengeance by means of plagues and pestilence of both man and beast. Later devils or evil spirits were credited with doing the same things. At another period witchcraft was held to be responsible. However sacrifices to the gods, offerings to appease the evil spirit, duking witehes or burning them at the stake proved of doubtful value in preventing or checking such outbreaks. Then came the theory of miasms. Observing that people living in the vicinity of swamps and marshes were subject to malaria, yellow fever and other diseases while the residents of higher lands escaped them this theory arose and we heard much about "miasms" and "emanations" as the cause of disease. The character of these "emanations" was never demonstrated or understood but the proponents of this theory evidently believed them to be diffusible, probably gaseous. This was supplemented and perhaps succeeded by the filth theory which was strengthened by the earliest bacteriological discoveries. Typhoid fever, Asiatic cholera and other diseases were associated with filthy conditions. The discovery that putrid organic matter, decomposing vegetable and animal tissues, sewage, etc. was teeming with bacteria and lacking the means for differentiation between bacterial species, this theory appeared plausible, especially when apparently analogous organisms were found in the tissues of the bodies of men and animals dead from some of the infectious diseases. The advocates of this theory believed that the germs of any infectious disease might originate in putrefying organic matter and many people still believe so. The demonstration of the truth came with the discoveries of Pasteur, Koch and their co-workers and followers.

It has been shown that each infectious disease is specific, that it can only follow the invasion of the body by a particular species of micro-organism, that a case can originate only from a preceding case of the same disease. We have learned that filth may harbor disease germs but that it cannot originate them. That the germs of a disease can develop only from parent germs of exactly the same kind or species. This group of diseases we must therefore regard as parasitisms. There

is nothing mysterious, occult or supernatural about them. They are the perfectly natural result of various forms of life *Bacillus typhosus* together in the same environment, some species living at the expense of others.

Typhoid fever is usually of the acute type, the course of such cases being much alike. However, owing to variations in virulence of different strains of typhoid bacilli and to differences in the resistance of different individuals we see many atypical cases. In fact typhoid ranges from acute, fatal cases to very mild ones, some of them unrecognizable by clinical methods as such. There are on record cases of persons who have never experienced any illness carrying and excreting the bacilli, some with remarkable persistence.

The bacilli or germs of typhoid leave the bodies of patients in the secretions from the kidneys and the digestive tract. This excretion of germs in the dejecta may persist for a long time after recovery. The mild and unrecognizable cases as well as convalescents, sometimes referred to as "walking typhoids," "missed cases," "germ carriers," etc., are particularly dangerous, the mild ones even more so than the convalescents because unsuspected. A mild case may be due to high resistance rather than to a low degree of virulence of the infecting organism, so that cases resulting therefrom are often of a very virulent type.

Infection occurs from the ingestion of the germs, usually in food or water contaminated with the excrement of typhoid cases. This is usually in such small quantities as to be unrecognizable. Here is a bottle illustrating this point. It contains a few ounces of water in which I have placed 100,000,000 typhoid germs. The water is clear and sparkling. No one would suspect or be able to detect the presence of the germs by any but delicate laboratory methods, yet this water would be highly infectious.

Contrary to popular opinion typhoid does not usually occur in epidemics. Where a water or milk supply becomes highly charged with the bacilli explosive outbreaks, where a large number of people are attacked at about the same time, occur, but most cases of the disease do not thus appear in outbreaks. An extensive general infection attracts much public attention where a persistent high typhoid rate passes unnoticed. Some rivers which receive a large amount of sewage are always infected and cities depending upon them for water suffer a high typhoid rate.

seldom having epidemics of the disease. Again, contrary to general opinion, typhoid is a disease of the country rather than of the city. Being an excrement-borne disease it is more prevalent in places where human excreta is improperly or poorly cared for than in well-sewered cities. Thus the country community without sewers, the lumber camp, the mining camp, military camps and similar places suffer most. Outbreaks in cities most often occur from the sewage from such places outside the city contaminating food or water supplies.

As stated above every case of typhoid originates from another and a preceding case of the same disease and in no other manner. The so-called sporadic cases are not such in the strict sense, although with the means at hand we are not always able to trace them back to the preceding case. We have come to think that this disease is always associated with infected milk and water. This is often but not always the case. Many times infection occurs by contact with typhoids, perhaps mild ones, by other means. Are we always sure that the cook, waiter, butcher, baker, confectioner, gardener, dispensers of drinks and foods of every sort, and their products are above suspicion? Is it not possible that among them there may be a "walking typhoid" or "germ carrier"? Are they always as particular in their personal habits, especially while handling our food and drink, as they should be? The channels through which it is possible to receive infectious material are numerous and not easy to guard effectually. While, as stated, filth does not originate typhoid germs, it may and does harbor them, and strict cleanliness, personal, domiciliary and municipal should be insisted on, especially in persons handling our food and drink products. The house fly should not be overlooked either as a carrier of germs from fecal matter to food supplies.

We are often asked to examine milk and water for the presence of typhoid germs. In either material, contaminated with excrement from man or animals, there are many bacteria, some of them so closely resembling typhoid as to require the most painstaking labor and in such a tremendous amount for their differentiation that it is physically impossible to examine many such specimens extensively enough to render negative results dependable. We do not attempt to do this. Water and milk should be so cared for that contamination is impossible. Prevention therefore consists

largely in the proper disposal of sewage, especially that from typhoid patients, but all sewage should be included to be entirely safe; in a pure water supply; if pure water is not obtainable the next best thing is purified water; purification may be effected by filtration or by boiling; clean, pure milk and other food and drink; a boiling temperature will render safe food otherwise dangerous; strict cleanliness, especially in handling any food material.

A new preventive measure is now available, that of artificial immunization. A vaccine consisting of typhoid bacilli, killed by heat or by chemical, action and injected into the body hypodermically, repeated once or twice, will confer immunity against the disease. The immunity appears to be considerable and will probably last for some time, several years doubtless. This method is in use in the British and American armies with good results and is being used in many large hospitals among the nurses and attendants. It has not yet become common in civil life, but it will undoubtedly come into quite general use as soon as its virtues become known. We are preparing such a vaccine in the State Hygienic laboratory, have used it on a few people and will give it to any one desiring it.

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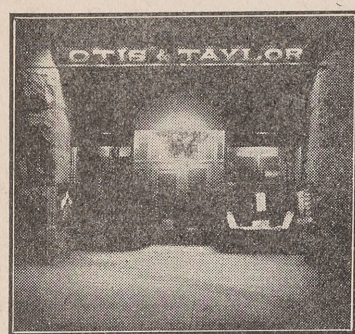
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High School

Prof. Wilson Delivers Address

Through the efforts of S. E. Ross, instructor of sciences at the University High School, the high school chemistry class enjoyed a very interesting and instructive address on the commercial manufacture of sulphuric acid, by Professor N. E. Wilson of Reno, on Friday afternoon last.

Prof. Wilson is a chemist of enviable ability and reputation, and for a number of years was connected with one of the largest sulphuric acid manufacturing plants in the United States. This made his lecture all the more interesting in that he talked from practical as well as theoretical experience. His lecture was supplemented by numerous lantern slides of the several parts of the plant.

It is the plan of Mr. Ross to make his course in high school chemistry as practical as possible, and with this end in view he expects to take his class to the gypsum plant near Reno, the graptolite plant, the soap factory, geological and pure food museums, before the end of this semester. Here they can note several of the practical applications of chemistry. He has also planned to have Professors Adams and Dinsmore lecture to his class within the near future.

High School girls, why don't you come out to basket-ball practice? You have a game with Elko—how do you expect to win with only four girls to play the game? You can easily spend an hour at B. B. It would be wasted in loafing around, anyway. Why don't you use it profitably, so you will be a benefit to yourself and to your school? Do you realize that it is nearly time to choose a captain for next season? Who will you have—a girl who comes out for practice and who may not make a good leader, or a girl who does not come out to practice, but would make you a winning team? This is something to think about, and earnestly too. Come out, be game sports, and stand for your school, and don't be a hangeron.

Frances has a new nickname. The Prep sextette has been doing some fine work lately. Especially good was their rendition of the parody on "Has Anyone Here Seen Kelly."

Training for the coming track meet has already been started. This meet will bring some of the best athletes of Nevada together and some from California.

Last Wednesday Prof. Thompson gave English B class a lesson on Woman Suffrage. All H. S. girls should see him about voting before it is too late.

Alice Young, Edith Hubbard and Frances Smith visited the Adelphi Literary Society Friday night.

Scene on one of the tables in the Physics lab. room—the curtain went down.

Col. Knapp rings the bell whenever he feels like it, he is usually busy queening.

A certain person said she would hate to wait for Sued to support her—why, L?

The expected Physics ex did not materialize Wednesday.—Thanks, Si!

A special meeting of High School students was called last Monday.

Miss Edith Fulstone, ex-H. S. has been visiting in Wellington, Nev.

Latin D took a final on the third book of Virgil Thursday.

It is rumored that "Runt" Cottrell has quit smoking.

Donna says Knapp can sing soprano with her.

Adelphi Literary Society

Piano solo—Dorris Taylor. Debate, Resolved, that a country town is a better location for a college than a large city; affirmative, R. W. Stenbiht, Miss Brake, Miss Harbaugh; negative, R. Shutter-Cottrell, E. L. Maxon, Miss Nelson.

High School paper—Miss Glynn, Ray Smith, H. H. Hovey, Glen Johnson.

Original story—A. Miller. Personal Experience—Laurence Thaw.

Personal Experience—Harry Noyes.

Current Events—Edna McNett. Original story—Sam Johnstone. Recitation—Henry McCormack. The song by Miss Dorris Taylor was very good, and was delivered in Miss Taylor's pleasing style. "A Glimpse Into the Future," by Mr. Miller, proved very entertaining, as many humorous touches were brought in.

Physiography Class Visits

Local Weather Station

On Monday afternoon Prof. Ross took his class in Physiography down to the local station of the Weather Bureau, that the work of his classroom might be translated into terms of reality. The class is at present studying the atmosphere and its general conceptions and properties, and the instructor took advantage of the opportunity of illustrating and enforcing the principles developed in the classroom.

JUNIOR CLASS MEETING

There was a meeting of the Mackay Pioneer Class Tuesday, the 14th. The reports of the Prom showed that the dance not only over to help the class funds. The treasurer's report showed such a surplus to the class credit that it was decided to pay back the as-paid for itself, but left something of two dollars that was levied on each member of the class for last semester.

It was decided to give up the idea of getting out a publication of any kind this year.

All Juniors who paid their last semester's assessment, or who have been to any expense for the class, will please report the amount to the class treasurer, Charles Helphenstine, and get their money back.

GIRLS' BASKET-BALL ASSOCIATION

On Saturday, February 18, 1911, the executive committee and a few other well-known basket-ball players met in the room of one of the players at Manzanita to draw up a constitution by which the association is to be governed. This constitution is to be signed by all the girl students registered in the college Normal and High School that have paid their regular fee and wish to help promote basket-ball and entertain the visiting varsity teams.

EVOLUTION COURSE

For the Week of Feb. 22-26 On Tuesday, Feb. 21st, the subject will be "The Struggle For Existence." Thursday's lecture deals with the "Origin and Kinds of Adaptation." These lectures are being regularly given on Tuesdays and Thursdays at 4:30 p. m. in the biological laboratory on the top floor of Hatch station.

FACULTY SCIENCE ASSOCIATION

There will be a meeting of the Faculty Science Association on Monday, Feb. 20, 1911, at 4:40 p. m. in the lecture room on the first floor of the Mackay Mining building. The meeting will be addressed by Dr. O. P. Johnstone on "The Amana Colony."

STUDENT BODY MEETING

The Associated students will hold a regular meeting in the gymnasium on Friday, March 4th, 1911. By order of

M. E. Jepsen, President

Isabelle C. Schuler, Secretary.

Free for your room—a sorority girl photo. Call for one. Red Cross Drug Co.

Personal

Don't beg or steal—Subscribe. "Tex" Hardy, '11, is in Reno for a visit.

Prof. True was in Carson one day last week.

"Ony" Talbot was seen on the hill Saturday.

Lloyd Lonkey, ex-'10, was in Reno last week.

Frank Porter, ex-H. S., was on the hill Saturday.

"Dutch" Dessar is progressing rapidly at the hospital.

The Riverside hotel is rather popular to some. Why?

Has Raymond Spencer a sister at U. of N. Well, ask him.

Rowe, when asked about the license, answers, complacently, "Yes, to-Morrow."

Western Union night letters are now in order since Collins remains "alone in Reno"

Sparks—Will I be successful as an engineer? Harriman—No, not any Harriman system.

"Si" Ross entertained Rich Sheehy and Dick Randall Sunday at his home east of Reno.

Joe Wilson when chased by a grocerman, asked him why he chased him. "Well, you stole a sack o' rice (Zacharias)."

A certain young lady of Manzanita when asked who her attentions were directed toward, answered, "It's rather (Dubois) dubious."

Dr. W B Mack and Prof. Heller left for Mason valley Thursday to investigate a certain horse epidemic that is proving very disastrous there.

Wanted—A marriage license good in Reno only. Second-hand ones will be considered. Address Lincoln Hall, care of Don Bradner.

Instructor to Soph (in Tactics)—Guess again.

Dr. and Mrs. Stubbs were in Carson several days last week.

Your lady friends will miss you if you don't go to the Military Ball.

Roy McVicar, ex-H. S., is on the hill for a short visit with his brother Neil.

Carville in answer to a question—"I expect to be (Reinkin) ranking among the highest."

Girl to Harold Manion—"What was the 'Restoration'?" H M.—"It was a fake; I tried it."

A certain Senior asked a Junior boy what the number of license was. We request an explanation, please.

Richard Sheehy's new name "Morf" is the latest nickname among the Preps since he got the sleeping sickness.

A fistic encounter between two of Lincoln Hall's prominent preparatory lads resulted in a badly wrecked room and a broken nose.

Charles Keough, ex-'09, is back on the campus for a few days. He has been in the cattle business with his father since he left school.

"If your love for me is true," said he; When he knew they soon would part,

"Put this rose away To rest for aye Close to your dear young heart!" Her face turned white In the pale moonlight,

And then—alas! Alack! She fled in haste, For she wore a waist

That buttoned down the back.

M. D., '14.

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