



JUNIOR PROM THANKSGIVING EVE

Y. W. Pageant Marked Success

Entertainment at Orvis Ring Helps Capitola Fund

A large crowd gathered in the Auditorium of the Orvis Ring School house Friday evening to witness the Y. W. C. A. pageant. The purpose of the entertainment was to raise funds with which to send a representation of the Nevada Y. W. C. A. to Capitola in the spring. The pageant illustrated the good work that is being done in foreign lands by these organizations. Sketches whose scenes were laid in China, India, South America and Japan constituted the pageant. As a prologue, the "Spirit of Womanhood" was well interpreted by Miss Helen Heffernan. "The Association Spirit" was ably rendered in the epilogue by Miss Florence White. "The Appeal of the Nations and the Response of America" with Miss Sophia Blum as soloist and a large chorus of American girls was a fitting close to the evening's program.

Music was furnished throughout the entertainment by Misses Eunice Cagwin and Miss Helen Higgins. Mrs. Louise Blaney acted as prompter.

The Pageant was written by students of the National Training School for Secretaries of the Young Women's Christian Association. Its purpose is the presentation of the Association's work in foreign lands. The data was contributed by Secretaries of the Association in lands represented.

The following are the young ladies who contributed their services toward making the affair a success:—

Edwina O'Brien, Margaret Fulton, Florence White, Carina Damm, Elda Barber, Lena Hauss, Beatrice Rudawsky, Dorothy Bird, Lysie Rushby, Marie De Flon, Pearl Stinson, Clara O'Neal, Nell Morrow, Rachel Rand, Laurena Marzen, Myrtle Neasham, Sylvia Bower, Gertrude Pohl, Vivian Engle, Vera Lemmon, Gladys Hofer, Nann Coon, Blanche Taylor, Elsie Howard, Lela White, Maude Price, Marguerite Crotty, Ina Powers, Helen Heffernan, Ruth Miller, Hazel Bacon, Mila Coffin, Edith Hubbard, Dorothy Steinmetz, Mary Raitt, Bessie Winter, Josephine Williams, Clara Smith, Elda Orr, Marie Lloyd, Mary West, Frances Smith, Ethel Brown, Emma Smith, Grace Mahan, Georgie Young, Margaret Menardi, Mary Leon, Edith Hamilton, Edith Mack, Gertrude Shade, Lena Laden, Marjorie Mead, Grace McVicar, Sylvia Langford, Sophia Blum, Helen Higgins and Eunice Cagwin.

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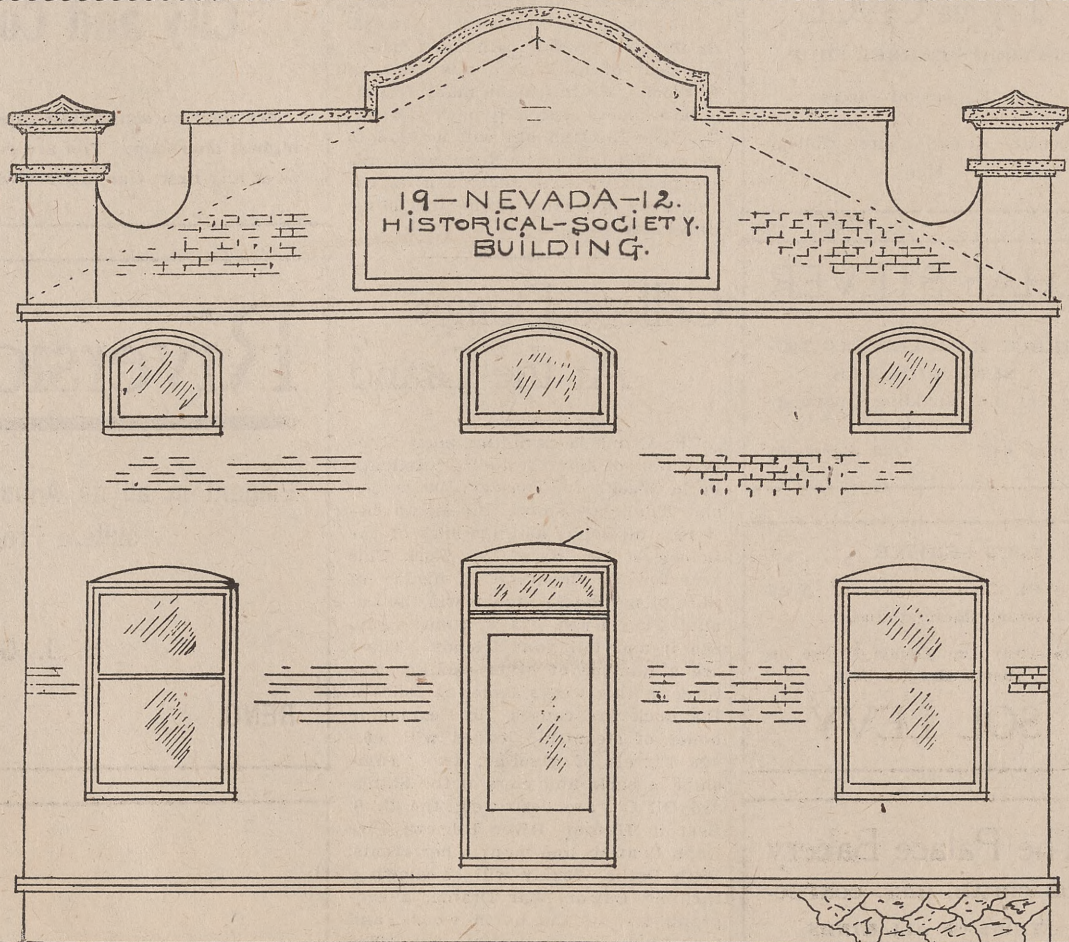
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NEVADA HISTORICAL SOCIETY ERECTING BUILDING BY CAMPUS

In 1911 the legislature appropriated \$5000 for the erection of a temporary building for the Nevada Historical Society. Although this appropriation was made almost two years ago, active construction work on the building has just commenced. The delay was due to the society's expectation of obtaining a centrally located site and to the state's financial stringency. At first it was planned to erect a rough iron structure for the temporary storage of the rare collection of books and curios which the society possesses. To have placed this building in the business section of Reno it would have been necessary to have leased the ground; the committee, therefore, determined to build the structure of brick upon the site of the old building. Before the bad weather sets in, the committee expects to have the collection safely

housed in the attractive quarters which are now being built on North

Center street, just below the main entrance of the University.

The Nevada Historical Society building will cover a plot of ground sixty feet long and thirty feet wide. It will be of sufficient height to allow of double decking when money for that purpose is available. Windows on two sides and skylights in the roof will guarantee sufficient lighting facilities. A basement, twenty by thirty feet, will give room for a small heating plant.

Supervising the construction work of this building is a committee representing the executive council of the society. The committee consists of Senator A. W. Holmes, Dr. A. E. Hersheiser, Dr. H. E. Reid and Miss J. E. Wier. Justice Talbot of the supreme court, who is president of the society, is attending to the legal side of the work.



MISS J. E. WIER

NEVADA FIRST AMERICAN TEAM TO CROSS SANTA CLARA'S GOAL LINE

By WILLIAM UNMACK

The University of Santa Clara defeated the University of Nevada at the St. Ignatius grounds by a score of 19 points to three. The victory was hard earned, and incidentally the Nevada team established a record for itself that it can well be proud of. That record was the crossing of the Santa Clara line, a feat that no other team on this coast has been able to do this season.

The playing of the Nevada team at times was a revelation, and during those periods when they awoke from their seeming lethargy the sagebrush lads showed the local Rugby followers that they do know the game, that they do know how to play hard and fast and that they do know how to take advantage of openings that come their way. These illustrations, how-

NEVADA PLAYER FIRST OUTSIDE WARATAHS TO CROSS LINE OF U. S. C.

The one feature of yesterday's game that stands out above all others is the fact that a Nevada man, Curtin, was the first this season outside of the Australian Waratahs to cross Santa Clara's goal line for a try.

That Curtin's performance was appreciated was evidenced by the way his teammates fell on his neck and embraced him after he did it.

Nevada was short on rooters but those who were rooting for the blue and white "went straight up" when Curtin broke Santa Clara's hitherto invincible defense.

ever, were only proved spasmodically. Had the Nevada men played throughout with the same vim, vigor and dash that characterized their work in the opening of the second period of play there might have been a different story to tell. At the start Nevada put up a whirlwind game for ten minutes, but from that time on their efforts dropped down to a minimum and for the balance of the half Santa Clara just did what they wanted and scored three trys one of which was converted.

The best football of the match was witnessed in the second half, and during this period Santa Clara was held without scoring until the last five minutes of play, when the red and white lads took the ball over the goal line for two trys. During this half Nevada made a desperate attack in the

(Continued on page eight.)

Glee Clubs Score Hit

University Musical Clubs Sing at the General Assembly

A musical assembly at which both the men's and girl's glee clubs made a decided hit with the undergraduates and the public gave a harmonious hour at the University gymnasium Friday morning. After the various numbers on the program had been rendered it was generally voted that the musical talent of the school is receiving the very highest development and with results that should give the directors the greatest satisfaction.

Dr. Chas. Haseman, as director, has succeeded most admirably in securing an harmonious ensemble in both the male and female choruses. The numbers given by the clubs were heartily applauded and many encores were given. The solo by L. A. Rose showed an excellent voice just developing into a pleasing tenor, while Miss Ruth Miller's soprano solo gave opportunity for a voice of extraordinary tone and power.

The glee club is in its second year at the university and its continuance is now an assured fact. It is receiving excellent support and will put on a number of concerts this winter.

The program given yesterday was as follows:

"Kentucky Babe," "Stars of a Summer Night," Glee Club; solo, Mr. Rose; "Viking's Farewell," Glee Club; "There's dew for the Floweret," and Nevada's college song; mixed voices of both glee clubs; solo, Miss Ruth Miller; "Coming Thro' the Rye," "Ask Papa," and a negro love song by the Glee Club.

The girls' glee club is composed of Misses Heffernan, Coon, Taylor, Herz, Rushby, Miller Steinmetz and Laden. The men's glee club is composed of Messrs. Rose, Johnson, Molentz, Wheeler, Walker, Ferris, Penry, Piggott, Webster and McKinley. Miss Ruth Akin and Miss Coon were the accompanists.

Y. W. C. A. NOTICE

The regular meeting of the Y. W. C. A. will be held Wednesday at 4:30 in the Association Room. The subject of the talk, to be given by Prof. Fran-son, is "Savages in Evening Dress." All the girls should come, for those who do will hear something worth while.

Lee Stebbings, who is taking up special work in chemistry here, is to be a candidate for the Rhodes scholarship.

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**Scott Unsworth
 Expected Home**

Scott Unsworth of the University of Nevada who received his B. A. from Oxford last June is expected home soon. On receiving his degree he left Oxford for Berlin with one of his fellow students. He was forced to return to England, however, on account of eye trouble. Scott's father, the Rev. Samuel Unsworth, says that Scott would have been home some time ago but has had some trouble with an abscess in his ear and could not get away. Scott has done fine work at Oxford. By the consent of the Rhodes Trustees one year of his course was spent at Harvard. He has made many friends in both places especially in the former. He likes England but will be glad to see his old friends in Reno again. We are proud to think that such an example as he came from the home University.

**College Doings
 At the Grand**

The Grand is exhibiting some films this week of interest to live students. Pathe Weekly for Tuesday, Wednesday and Thursday shows the scrap between the Sophs and Freshies of the College of the City of New York. This year for the first time in history of the College the Freshmen win the annual Flag Rush. It is some scrap. See it and tell your friends. There are a number of other exciting features in this weeks issue, as follows: Big dock fire caused by exploding boiler of steamship loaded with 90,000 barrels of gasoline; two steamships, a bark, and piers of the Standard Oil Co. are destroyed; the U. S. fleet in Hudson River Review; Fire Dept. Contests and many other events. With Pathe Weekly will be shown a thrilling Edison War Drama, a Biograph tale of the north woods, and two Lubin Gloomchasers, one "The Sporting Editor" featuring Arthur Johnson. This is a humdinger and too good to miss. On Friday and Saturday a feature College Comedy "A Sad Devil" will be presented. It deals with the pranks of three live fellows in the U. and ends with a mixup with Prexy in which some one comes out bad. You will appreciate it. Some other features thrilling Edison War Drama, a Biograph Drama featuring Blanche Sweet, a Vitagraph Comedy, a Foto Scenic and a Lubin Arthur Johnson's Comedy "The Country School Teacher." Next Sunday's Program is a winner also. Don't fail to see "A Sad Devil." It's a rip-snorter. And also the N. Y. College Flag Rush.—Advertisement.

NEVADA GRAD. DIES IN TACOMA
 Word has just been received here announcing the death of Mrs. Laura Bailey Simons in Tacoma, Wash., after a long illness from typhoid fever.

Mrs. Simons was born and raised in Diamond Valley, Eureka county, where her mother and father were pioneers. She was a graduate of Nevada State university of the class of 1901. Shortly after graduation she went to Tacoma, where she was married and had since resided. She leaves to mourn her loss, her husband and little 3 year old son in Tacoma. She is also survived by her mother, Mrs. Marietta Bailey, of Diamond Valley; a sister, Mrs. Arthur Wilson, of Tacoma, and two brothers, Robert and Wallace Bailey, of Diamond Valley.

Dr. Jacobson, of the Chemistry Department of this University, who is doing extensive research work in Europe in regard to the alfalfa plant, is now at the University of Halle, Germany. Dr. Jacobson left the University of Sweden for the German College about the middle of October.

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Nevada Aggies Visit Chicago

Establishing a record for distance traveled to take part in the competition, a team of five students from the University of Nevada left today for Chicago to enter the stock judging contest, which is to be a part of the international live stock exhibition to be held there from November 30 to December 7. Joseph Wilson, L. B. Patrick, seniors; W. J. Duddleson, J. I. Cazier and Leland Hylton, juniors, will compose the team which is going at the students' own expense to enter the lists against colleges and universities from all over the United States and Canada.

When the proposition of sending a team to Chicago was first broached it was planned to secure a party of twenty stockmen of the state, and students, to go in a special car, in order to take advantage of a rate that was offered. For a time it was believed this number could be made up, but within the last few days a number have found themselves unable to go, and the proposition had to be abandoned. However, a prominent stockman of the state, who would not allow his name to be used, voluntarily came forward and agreed to make up the difference between the reduced rate and the regular fare, thus making it possible for the team to go.

The boys are all students in the agricultural college and have been selected according to their records here. In Chicago they will meet Professor True, station director of the agricultural department, who has recently been in Atlanta, when the final preparations for the contests will be made.

Under the rules the team will judge several classes of stock, being given twenty minutes for each class. The contestants view the animals, speaking no word to each other, and make their markings, placing each animal in the class to which they think it belongs. Following this, they are called before the committee of judges and are allowed to give their reasons for their markings. They are allowed 60 per cent for their markings and 40 for their reasons. The results are then recorded as individuals and as a team.

This is the first time Nevada has ever sent a team to Chicago, where the annual live stock show is held, the greatest event of the kind in the world. Prize stock of the entire world is on exhibition there, and if they achieve only a minor rating in the contest, the students will unquestionably gain valuable information, which makes the trip well worth while. They will be up against some strong teams from Canada particularly from Guelph, Ontario, which has won the trophy several times, besides strong teams from some of the middle states. Nevada's will be the only western team in the contest. They are expected back in Reno December 9.

Junior Prom Thanksgiving Eve

Wednesday night, Thanksgiving eve—is the night of the Junior Prom. The Class of '14 is going to do itself proud on that evening. Under the direction of Nell Morrow, Marie De Flon, 'Pogy' Percival and Neil Barber the decorations are bound to be something new and classy. The programs are going to be neat, the floor is going to be the best ever and Bobby Ostroff's Orchestra will furnish the music. A good time is assured. As is usual with Junior Proms there will be a charge of one dollar for students. It's a way to "Aid the Artemisia"—come and help the good cause along.

Prof. Campbell, the Nebraska dry farming expert, C. E. Wantland, land agent for the Southern Pacific Co., and John C. Martin, who is compiling a book on Nevada for the same company, were visitors on the campus one day last week. They were also taken to the experiment farm by Frank Peterson and were very much pleased with the prize live stock and other exhibits which the farm has to offer.

Read the Sagebrush.

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(A Student Publication)

Published Four Tuesdays of Each College Month During the College Year

Entered as Second Class Matter at the Reno Postoffice, According to Act of Congress



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VOL. XX RENO, NEV., NOVEMBER 26, 1912 NO. 16

EDITORIAL

A WARNING

In some of the classes which use the library extensively there seems to be a great deal of rivalry as to which student will get a certain book at a certain time. This rivalry has resulted in too many cases, in the taking of books without having them charged—a practice which is not only aggravating to the librarian but also "cheating" to fellow students.

In order that all may have an equal chance of using the books Prof. Layman has instituted a system by which a book may be engaged to be taken at a certain time. Now, the student who thus fairly engages the book has planned his work so as to use this book at the given time. A classmate, however, is not so willing to play fair. He goes to the shelf, spies the book, takes no chances on its having been previously engaged, and so walks out of the library with the book concealed in his pocket—the book is in the course of a few days just as mysteriously returned. You see the unfairness committed both against librarian and classmates.

This practice of cheating exists, in the main, among the students of two

courses in this university. It would not be hard to find the guilty parties. Unless the practice, which is more noticeable now than it has ever been in previous years, is stopped, there is liable to be some suspensions, and perhaps a few expulsions, result.

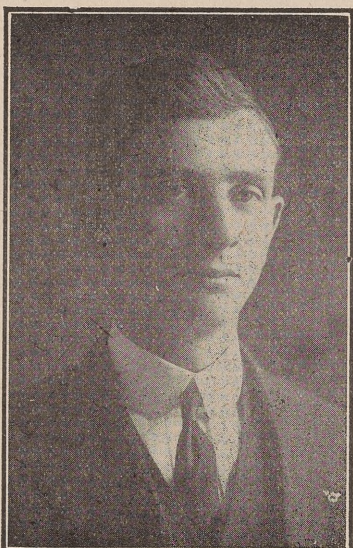
QUIT THROWING ROCKS

These sharp, cold nights are just the kind that are going to make some pretty swell skating on that University Pond of ours. Already there is a thin film of ice which covers the whole surface. But that thin film of ice had scarcely more than formed when it began to be dotted with sticks and stones and rubbish of all descriptions. People just wanted to find out "how strong it was."

Now if this cold snap lasts those sticks and stones will still be frozen into the ice when the skating season begins. They will be the most annoying things possible for the skaters. You who have skated know how many hard tumbles each one of those little sticks and stones may mean. Let us all be careful, then, and not for a little idle amusement spoil our whole winter's sport. "Cut out the throwing."



CAPTAIN REAY MACKAY



GRADUATE MANAGER SI ROSS

Yale's New Coliseum

Although football was the burning topic about the campus during the week, undergraduate interest has been largely centred in the new playgrounds and Coliseum project, and plans for the construction were outlined before the student body at a mass meeting of all departments of the university. The scheme is one of the largest and most important measures ever put before the university. This new system for general athletic participation is a mammoth enterprise, and one never attempted before. It marks the dawn of a new era, an era which will see sports of all kinds thrown open to all who care to play them, not restricted to those who prove themselves highly proficient; it will witness the establishment of an athletic plant complete in every respect, to take the place of the present disgraceful equipment for out-of-door exercise.

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Pathe Weekly

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The same company is paying out monthly in Nevada millions of dollars in wages. Sparks pay-roll alone, the greater part of which money drifts to Reno, amounts to over \$100,000.00 per month. The Southern Pacific Company pays taxes in Nevada to the amount of thirteen hundred dollars per day, every day in the year. This includes Sundays and holidays.

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WITH THE STATE HIGH SCHOOLS

Lovelock High School Notes

Inasmuch as the Humboldt County High School at Lovelock has never been represented by notes in the Sagebrush, a few items of information about the school may be of interest to this paper's clientele.

The school is one of the youngest in the state, having just entered upon its third year. Under the very capable leadership of Miss Grace L. Moon as principal, it made steady progress during the first year and a half of its life, then received a check through the resignation of its principal because of ill health. Opening day last Sept. saw entirely new teachers in direction. Miss Lydia Colyer has come from the University to teach English and History and Mr. J. R. McKillop from Dayton to the principalship. Enrollment is somewhat larger than before and the future holds good promise of growth.

Special stress is laid this year on business subjects, and it is hoped that a complete agricultural course may soon be feasible. On the literary side the school has had a series of Tuesday morning talks from leading citizens of the town on finance, school ideals, the state's legal system, the Porto Ricans and kindred subjects.

Athletic enterprise is much limited in its possibilities by the small number of pupils; but two tennis ladders, one each for the boys and the girls, have greatly stimulated interest in the game and aided in developing players.

The two courts now on the school grounds are constantly filled and a third court will soon be laid out. November second the school ventured upon the first inter-school contest in its history, in the form of a tennis meet at Winnemucca with representatives of the High School there. Both of the Lovelock teams won decisively and look forward to meeting teams of other schools.

On the material side we look for a new high school building as soon as our attendance will justify the outlay. Since opening last September, the school has acquired a small but sufficient physics equipment, has increased its library to 1136 titles, and has had electric lighting installed.

We much appreciate opportunity to keep in touch with the other schools of the state through the medium of the Sagebrush and anticipate the time at no distant date when some of our graduates will be found in the U. of N. student body, which it worthily represents.

Pick De Lonchant, a former Reno boy and student of this University and who is now located in San Francisco, is visiting friends and relatives in Reno.

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Carson High School Notes

The response to the invitation sent out by the teachers of the Carson City School was a hearty one. A large number visited the different grades during the recitation periods and collected in the Assembly Hall at three o'clock to listen to a proposed plan for the organization of a parents' and teachers' association. The object of such a club being to bring the teachers and parents into closer touch and to enable them to work mutually for a better understanding of the children and the improvement of the school.

Prof. Hunting made a short talk by way of preface. Miss Sperry followed, outlining the way and means to provide for the organization. Miss Lemon read a very interesting paper giving both the teachers and mothers side of the question. Those approving of the plan and desirous of becoming members when the organization takes place were requested to sign cards to that effect.

After this tea and cakes were served and the teachers and parents mingled in a merry and social hour.

Another meeting for December 6 was announced when all hope to crystallize the plan for organization.

FACULTY ENTERTAINS

One of the most delightful evenings of the season was that spent last Friday evening, November 14th, when the Faculty entertained the students of Carson High. The affair was held at the home of Mrs. Haley. All were expected to come in children's costumes, and they did, even the Faculty donned knee breeches and short skirts. The evening was spent in singing and in playing "kids games." At an hour far beyond their bedtime the happy little ones departed for their homes, laudly praising the Faculty for the pleasant evening.

Dr. Church leaves Monday morning with his winter supply of provisions for the Mount Rose observatory. As the season in which pack horses can make the ascent to the top of the mountain is approaching its close, all provisions have to be taken up now. Perishable goods are allowed to freeze and are kept in this condition until used in the various mid-winter expeditions of Dr. Church and his associates.

Sol Cazier and Bill Duddleson left at the end of the week to spend a few days at their homes in the eastern part of the state before continuing on to Chicago.

Miss Millie Hunnewill, ex-'08, who has been visiting in Reno at the home of Mrs. M. B. Kennedy, left Sunday morning for her home in Bridgeport, California.

Pay that subscription NOW.

Reno High School Dept.

After patiently waiting for three months the students of the Reno High School are about to be rewarded for their patience, for next Monday, Dec. 1, will mark the opening of the new and beautiful High School building, situated where about one year ago stood the old Central High.

No more will the students, and teachers of the Reno High, be moved from one place to another. No more will be the case of freezing in one room and sweating in another, the rushing from class rooms at dismissal, the rush and jam at noon will be no more, for from now on system and order will prevail.

The first object upon entering the school will be the raising of money to purchase a piano and it is hoped that the students will boost any plan that is brought up to raise the money.

The students instead of reporting at 1:30 o'clock will be ready for work at 1:15 and will be dismissed at 3:30 instead of 3:45.

TRIANGULAR DEBATE IN VIEW

Arrangements are now being made to have a triangular debate between Yerrington, Carson or Sparks and Reno. This is a very good thing and it is hoped that it will be a success. In most other states they have them so it is about time for the Nevada schools to follow.

ATHLETICS

Monday, December 1 the Reno High will start basket ball in earnest as they will have their own gym to use. There is plenty of material and a good team is looked for.

The High School is to play the U. of N. Sophs on Thanksgiving night at the Y. M. C. A. Although the High has never been together as a whole, they will let the Sophs know that they will have to play to win.

On December 13 the team goes to Elko to meet the Elko High. Elko reports that they have a good team so it means lots of work for Reno High.

SCHOOL NOTES

On Monday December 1 the students who win their R's in football will receive them during the assembly held that morning in the New High School.

Miss Marie Means of Denver is now a member of the school. She is a member of the class of 1913.

Miss Alma McNeilly formerly of the high school spent Friday visiting the school.

SMILES

"Issy was killed yesterday in New York."

"Was he?"

"No, not Wuzzzy. Wuzzzy is down south."

"Is he?"

"No, Wuzzzy."

"O, Um, I see."—Ex.

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To the Students and Faculty

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MECH. DEPARTMENTS MINIATURE LOCOMOTIVE

(Continued from last week.) that the section be as light as possible and yet of ample strength to carry the loads imposed.

The driving wheels, on which the engine is carried and by which it is propelled, are subjected to stress beyond those due to the mere requirements of carrying the load set upon them. In order that the wheels may withstand these stresses, the rim should be heavy between the spokes, and the latter stiff enough to carry the load without bending. In the shinking on of the tire under ordinary conditions an allowance of 0.010 inches to the foot is made. That is to say, the tire is bored out 0.010 inches smaller for each foot of the diameter of the center upon which it is to be placed.

In the designing of wheels, there is another detail that is of great importance and which has received the

close attention of engineers for many years. This has to do with counterbalancing. In the accomplishment of it, it is necessary for all parts of it to be carefully calculated, or better, to weigh these parts before counterbalance weights are determined.

The locomotive having been designed, it remains to provide it with a suitable tender for carrying the supply of fuel and water. In American practice, the tender, until recently, almost invariably consists of a V-shaper tank, carried on a metal framework. The framework in turn is mounted upon two four-wheeled trucks.

In conclusion, there are a few suggestions that should be constantly kept in mind during the whole progress of the work, whether it be that of designing a locomotive, stationary engine or any other piece of ma-

chinery. That is to bring the three elements of utility, simplicity and beauty into one harmonious whole. These are the three important factors entering into the composition, and no one of them should ever be disregarded. They always can be combined without additional expense and are needed in every detail of the work.

All of the subjects which have been treated in this article we have carefully considered. We are applying them, too, in every feature of the work. The constructive work on the locomotive will be completed at the end of this school year, and thus we will have two years left to test it and correct any faults. The following are the students who have so far aided in the work: Bowler, Wiley, Barton, Traber, Sheehy, Boggs, Webster, Abbott, Latapie, Pennell, Raymond, Tilson, Cameron, Kniffen, Barber, Piggott, Bacon, Kent, Bowen, Beard, Constable, Dessar, Patterson, Rose, Swain, Glass. These and those future student of the mechanical department who will aid in the completion of this work may well be proud of their part when the little engine is

exhibited to the thousands who will visit the Nevada State building at the Panama-Pacific Exposition in 1915.

Mech. Students Visit Sparks

Albert Preston's class in "machine shop" took a trip to Sparks Saturday afternoon. The time was spent in looking over and inspecting the vast amount of machinery with which the railroad shops and round house are equipped. The mechanical principles as illustrated by the different types of machines and cranes were studied in detail. The main purpose of the trip, however, was to see how big things are actually carried out in a big railroad machine shop and to get some ideas which will aid the students of this department in the construction of their miniature locomotive.

The following are among those who accompanied Mr. Preston upon the expedition: McKinley, Van Dalsem, Jepson, Rose, Neeld, Borchart, Faber, Limburger, Hinckley, Silva, Glass, Traber, Haun, Bowen, Beard, Pearson, Healy, Allen.

Double Program at Orvis Ring

Under the supervision of the Principal Mrs. Libby C. Booth, the pupils of the eight grades of the Orvis Ring school have prepared an attractive program to be given both afternoon and evening on Wednesday, November 27.

They have given much care to the various numbers to be presented and hope to please the parents and friends who are invited to attend.

The program: Thanksgiving song, Pupils of the Orvis Ring school; Thanksgiving Proclamation, Marion Burney; Piano solo, Helen Smith; Dutch song and dance, Pupils from Second grade; recitation, "Cicely Croak," Evelyn Maxson; violin solo, Cyril Beebe, seventh grade; Thanksgiving cooks, Pupils from the Third grade; Spanish dance, Kathleen Bills, sixth grade; Indian Cradle song, Arthur Ashcroft, first grade; recitation, "Killing a Bird," Elsie Mitchell, first grade; Chrysanthemum drill, Pupils from the fourth grade; piano solo, Dorothy Blaney, seventh grade; folk dance, "Irish Lilt," Pupils from fifth grade; violin solo, Eugene Coon, eighth grade; song, "Sleep, Lady, Sleep," Pupils of eighth grade; plot of the opera of William Tell with music from the opera on the phonograph, Annie Bittincourt; recitation, "William Tell," William Orr.

MILITARY SCHEDULE

November 22, 1912

Memorandum No. 16.

The following schedule of drills for week commencing Monday, November 25, is hereby announced:—

Monday, November 25: "A" Company, old cadets target practice on range, new cadets gallery practice and aiming and sighting drill. "B" Company, company drill, character of drill optional with company commander.

Tuesday, November 26: Same as Monday, except duties of companies reversed.

Wednesday, November 27: Battalion review and inspection.

Thursday, November 28: Military duties will be suspended, Thanksgiving.

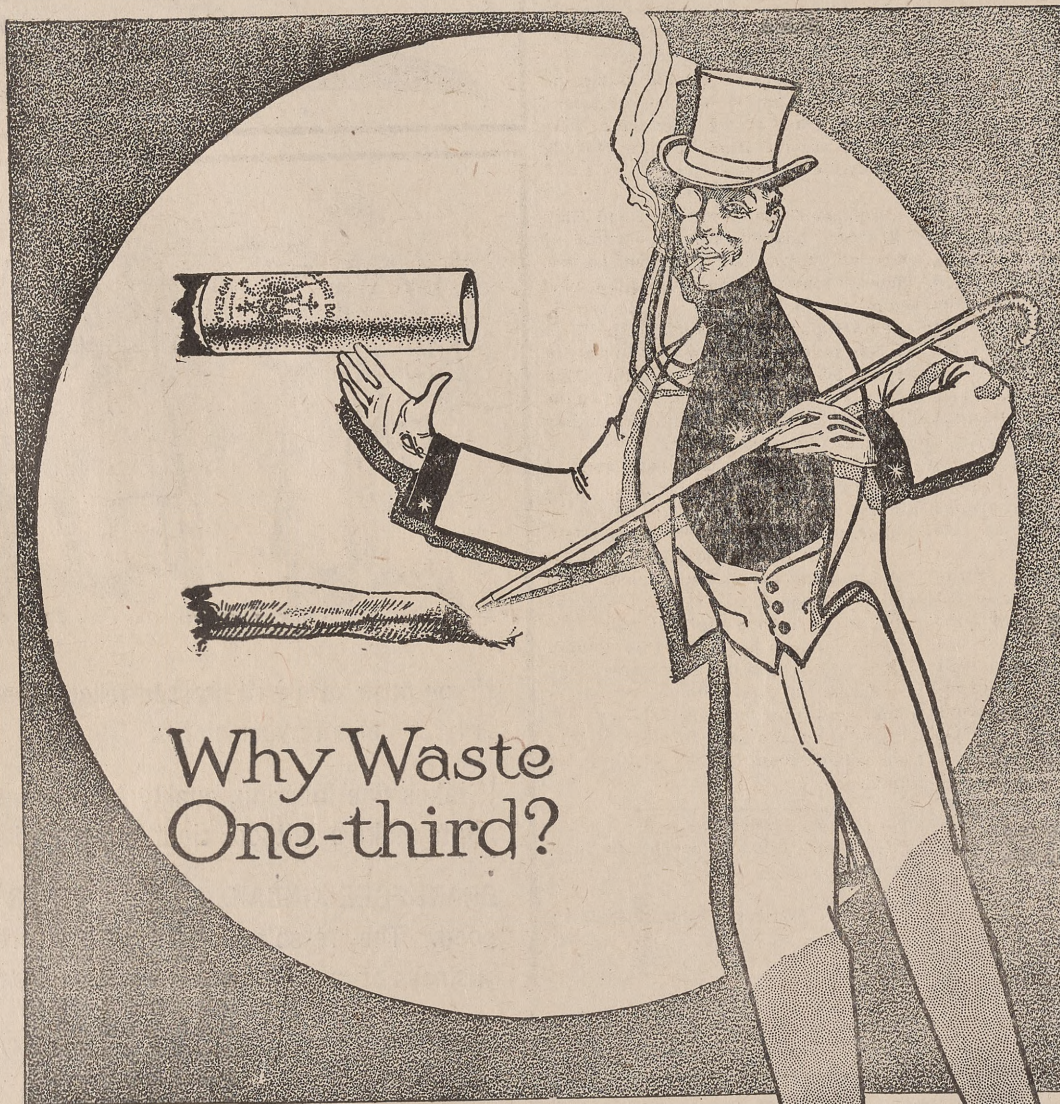
By order of the Comandant.

ENGINEERS MEETING

The monthly meeting of the Engineer's Club will be held in the Electrical building on Wednesday, Dec. 4th, 1912, at 7:30 P. M. The guest of the evening will be Mr. H. W. Sheridan, Supt. of the Southern Pacific R. R. at Sacramento who will address the club on some technical phase of his work. All interested are invited to attend.

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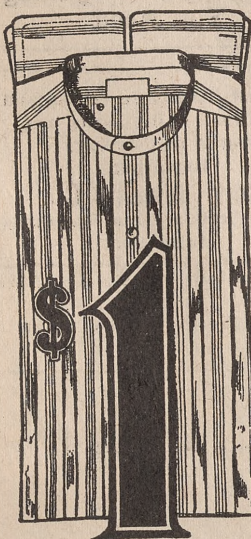
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Free Press Column

FRATERNALISM

(By L. B. Deen)

In his address to the students in the gymnasium recently, Rev. Harry Sheldon said: "When a fraternity becomes aristocratic, it has departed from its original purpose and ceases to perform the functions for which it was created." The speaker was not lecturing on "frats" but talking to the pupils on "Personal Individualism" and "The True Value of an Education." However, the fraternities of this university ought to profit by the saying and be careful not to become "aristocratic" in the sense here used. True fraternalism is an admirable characteristic of student life and activity; in fact, there is a lamentable blank in college life where frats are conspicuous by their absence. But when fraternities become "aristocratic bodies," they cease to be the homes of "fraternal love and friendship" and become clanish cliques, actuated by selfish motives and personal gratitude.

Societies are not fraternities. Just now there seems to be keen rivalry among the student organizations, and it is noised round that certain "frats" have turned aside from the true course and become "societies"—clannish cliques characterized by avarice and selfish ambition. The writer does not know whether the report is true or not, and hesitates to place himself on record as supporting the charge or condemning it; for 'twould be lamentable to accuse an innocent party, and little short of a crime to fail to vigorously prosecute a guilty faction. The U. of N. students need organizations. In an institution where a majority of the students are working their way through school, fraternities are exceedingly helpful; but when such "frats" cease to be fraternities, when they fail to promote among the students that true American spirit of brotherhood, they are off the track and need to be re-railed.

Forestry Class Verdi Trip

Saturday, November 16, the forestry class had its fourth outing. The holdings of the Verdi Lumber Company in Dog Valley north of Verdi were visited. The actual work of logging was missed, as operations have been shifted to the far eastern side of the tract, several miles from the road. But as the chief business of the class at present is the study of the different species of trees, nothing was lost except a ride back on the lumber train.

The growth of the incense cedar was observed from extreme youth to old age and its habitat as well. At the lower elevations it was found only in ravines where there is more ground and atmospheric moisture than on the slopes. When the pass overlooking Dog Valley had been attained the tree was found growing on the ridges, but best developed on the cool north slopes.

The portion of road overlooking Dog Valley is very beautiful, studded as it is with stately sugar pines, white firs and yellow pines, the undergrowth scanty, giving the place an open, park-like appearance.

An interesting half hour was put in at the sawmill at Verdi. Dr. Heller has charge of the forestry work.

Dr. J. E. Church's article on the conservation of snow which appeared in the Scientific American will be reprinted in the December number of the Official Register of the National Irrigation Congress.

Herbert Maxson, Ex-'01, was married in San Francisco some time in October to a Miss Elizabeth Watkins of that city

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NEVADA'S FOOTBALL SQUAD—THE FIRST COAST TEAM TO CROSS SANTA CLARA'S GOAL LINE

NEVADA CROSSES THE S. C. GOAL LINE

(Continued from page one.)

early stages and got the prune valley lads napping, with the result that McPhail and Curtin did a little passing on their own account and Curtin planted the ball over the line between the posts for the first try that had been scored against Santa Clara this year. The playing of the Nevada team leading up to this score was remarkable, and was really the most brilliant exhibition during the contest.

The passing of the Santa Clara team in the early stages of the game was not up to its usual standard. As a matter of fact, it was only in the last 10 minutes of play that the prune valley lads showed their true ability in the passing. The rushes were carried out with great speed, and, above all, the players backed up the man running with the ball like a set of veterans.

U. of N. BACKS POOR

The Nevada backs, on the other hand, failed to show up at any stage of the game. Individually the blue and white team showed up one or two crackerjacks, but as for combination, cohesion and general understanding between the back field men—there was none. The backs on almost every occasion played too close up on the pack, and the wing men were, as a general rule, off side to take a pass. The inside men seldom, if ever, on side when a passing rally did start.

CURTIN PLAYS STAR GAME

McCubbin of Nevada showed himself to be a heady and clever fullback and got his side out of trouble on many occasions. Curtin was undoubtedly the star of the Nevada back field, and when he got away with the ball for long runs he showed plenty of speed and dodging ability. His try was the result of a fine burst of speed. Of the forwards, Settlemyer and Percival showed to best advantage on all around play. On the lineouts Henningsen was perhaps the best of the Nevada men.

For the Santa Clara team Ybarrando starred, as usual. Ramage, Flood and Best all showed up well in the back field. Of the forwards, Voigt, Quill and Fitzpatrick were the pick.

Nevada started off with a rush and penned Santa Clara in their own territory. For some time it looked as though Santa Clara were going to be scored on, but the defense was good. From a scrum near the line Santa Clara gained possession and Harkins sent the sphere out to Ybarrando to Ramage to Momson, who passed forward when play was taken to the half-way line. Bringham of Nevada took

Subscribe for the Sagebrush—the biggest college paper in the West.

the forward pass and sent the play back to Santa Clara territory, gaining a decided advantage, but the referee refused to allow it, and a scrum was formed.

SANTA CLARA BREAKS LOOSE

Quill miskicked and play went back to Santa Clara territory. For some time Nevada had the whip hand, but eventually Santa Clara broke loose, and the seat of hostilities went back to Nevada's goal line. McCubbin kicked to Hawkins, who set the whole back field in motion, play finishing up 10 yards from the goal line. A scrum was formed and from Harkins to Momson to Best to Ramage was the order, the latter scoring, but no goal resulted.

A few minutes later Best scored from another passing rally, and again no goal. Play continued to be uninteresting for several minutes, and Delahide made himself famous by presenting Flood with the ball, the Santa Clara man racing over for a try. Ramage converted.

MEN OUT OF POSITION

In the second half Nevada started out with a wonderful display. The back field got in its best work in this period, though most of the rushes started were spoiled through the men being out of position. Curtin was early in evidence with a 40 yard run, and a few minutes later Fake and Webster were in the limelight with a pretty piece of passing that netted 25 yards.

Loose play followed, and Settlemyer, McPhail and Curtin dribbled the ball along for 15 yards. McPhail picked up and shot it out to Curtin, who bolted for the line and scored squarely between the posts—one of the best tries of the game.

No further scoring was done by Nevada, and the Santa Clara team was held scoreless in this period until the last five minutes of play. The game resolved itself into a great display of attack and defense. Santa Clara kept up a determined attack and eventually Best secured and sent a short punt over the heads of the backfield men. Ramage followed fast and scored. No goal resulted. A couple of minutes later, just about two minutes from full time Ybarrando converted. Full time came immediately after the kick at goal, the final score being Santa Clara 19, Nevada 3.

MACKAY DEFIES DOCTOR

Captain Reay Mackay of the Nevada team, crippled and using a cane, hobbled about on the sidelines with Coach

T. H. P. O. INITIATES

On last Thursday evening the final ceremonies which admitted seven candidates into the mysteries of the T. H. P. O. fraternity were held. After the degree the evening was concluded by a pleasant social meeting. The following are this semester's addition to T. H. P. O.: Walter Jepson, Frank Fake, Arthur Wheeler, Alvin Fuss, Joe McDonald, R. A. Allen, Robert Parks. Harry Scheeline who is pledged to the fraternity, was unable to take the degree on account of his absence from the city.

ALLEN-JOHNSON

Miss Cecil Allen of Fallon, will be married at the home of her mother in Berkeley tomorrow, to Mr. James Johnson. Miss Allen is well known on the campus where she was formerly one of the most popular of students. She is a member of the Delta Rho Sorority. Mr. Johnson is a prominent rancher of Fallon and the young couple will make their home in that city.

Read the Sagebrush for all the college doings.

Ross—he had come with his team against his doctor's orders—and risked permanent knee trouble to be there, as near his warriors as he could. To Mackay and Ross solely is due the showing the Nevadans have made.

The lineups:

SANTA CLARA: Fullback, Curry; Three quarters, Best, Momson, Stewart Flood, Hardy; Five-eights, Ramage, Ybarrando; Halfbacks, Harkins, Waite Forwards, B. Fitzpatrick, Quill, Noonan, Gilman, K. Fitzpatrick, Melchoir, Hogan, Kiley, Tramutolo, Voigt.

NEVADA: Fullback McCubbin; Three-quarters, McPhail, Curtin, Delahide; Five-eights, Webster, Bringham; Halfback, Fake; Forwards, McDonald, Settlemyer, Layman, Kniffen, Freeman, Harriman, Henningsen, Percival. Referee—L. S. Reading—S. F. Call.

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Some Practical Heat Experiments

The magazine Power in its issue of November 19, 1912, publishes an article on the "Heat Value of Signal Fuels" giving results of some investigations of liquid fuels by Professor Scrugham of the Mechanical Engineering Dept. and Mr. George Baxter, chemist from a Sacramento laboratory.

The work was done in Prof. Dinsmore's laboratory at the University, to obtain the relative heating values of gasolines and distillates used in motor car work. It was found that the standard eastern gasolines contained an average of 20,100 heat units per lb., while that which is made from the California crude oil contains several hundred less units to the lb. An actual test of 100 gallon lots of each, the car mileage from the eastern gasoline considerably exceeded the car mileage from the California gasoline. Figures are also given showing the heat value of the crude oil used at the University for the heating plant boilers to be about 18,700 heat units per lb. after all moisture is removed. Although gasoline contains more heat per lb. than the crude oil; when compared on the gallon basis the crude oil is ahead on account of its greater weight. When the mechanical details of the crude oil engine are perfected, the power obtainable from a gallon of the oil will be even greater than the power which can be derived from a gallon of gasoline. Comparative tests are also given in the article showing that one ton of coal will give about the same results under a boiler as will 3 1-2 barrels of oil.

PIKE-McLAUGHLIN

Miss Fan Pike, a well known Reno girl and former Nevada student, will be married on Thanksgiving Day to Mr. Joseph N. McLaughlin. The ceremony will be held at St. Thomas Aquinas Church.



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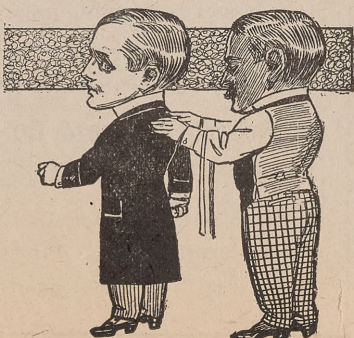
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