



The U. of N. Sagebrush

VOL. XXIII

UNIVERSITY OF NEVADA RENO, NEVADA, FEBRUARY 15, 1916

NUMBER 18

U.S. SENATE PASSES NEVADA LAND GRANT BILL

NEVADA VARSITY FIVE LEAVES WEDNESDAY EVE FOR COAST

REPRESENTATIVES NOW CONSIDERING FATE OF MOMENTOUS DOCUMENT

PASSAGE OF BILL WILL ASSURE ALL EDUCATIONAL INSTITUTIONS OF STATE A RAPID DEVELOPMENT AND INCREASED INCOME

UNIVERSITY TO RECEIVE SHARE

OPPOSITION EXPECTED FROM SOME FEW LAND GRANT STATES, WHICH HAVE RECEIVED GENEROUS GIFTS OF FEDERAL LAND

On December fifteenth a bill was introduced in the Senate of the United States by Honorable Key Pittman which is known as Senate Bill 2520, and which reads as follows:

"Be it enacted," etc., "That there be, and are hereby, granted to the State of Nevada, 7,000,000 acres of land in said State for the use and benefit of the public schools of Nevada and the State university of the State of Nevada.

3 Sec. 2. That the lands herein granted shall be selected by the State authorities of said State from any unappropriated nonmineral public lands in said State in quantities not less than the smallest legal subdivision; and when selected in conformity with the terms of this act the same shall be duly certified to said State by the Commissioner of the General Land Office and approved by the Secretary of the Interior. Upon such certification the title to such land shall be deemed to have vested in the State of Nevada as of the date of selection.

Sec. 3. That the land herein granted shall be disposed of under such laws, rules and regulations as may now or hereafter be prescribed by the Legislature of the State of Nevada not inconsistent herewith: Provided, that that any citizen of the United States shall be entitled to purchase not more than 640 acres and not less than 40 acres of such land.

Sec. 4. That proceeds arising from the use, disposal, or sale of said land, or any part thereof, shall be for the use and benefit of the public schools in Nevada and the State university of the State of Nevada in the following proportion, to-wit: Eighty per cent of such proceeds for the use and benefit of the public schools of the State of Nevada and twenty per cent of such proceeds for the use and benefit of the State university in the State of Nevada.

Sec. 5. That the proceeds of such sale shall be placed in a special fund for the sole use and benefit of the public schools of Nevada, and the State university of the State of Nevada, and when ever there are \$20,000 in the fund such money shall be immediately invested in interest bearing

bonds, notes, or securities of the United States, the State of Nevada, or of any other State of the Union, or of any county of the State of Nevada, subject of the supervision and approval of the State Board of Revenue."

On December seventeenth a report was made upon this bill as follows:

"GRANTING TO THE STATE OF NEVADA LAND FOR EDUCATIONAL PURPOSES.

December 17, 1915.—Ordered to be printed.

Mr. Pittman, from the Committee on Public Lands, submitted the following:

The Committee on Public Lands, to which was referred the bill (S. B. 2520) granting to the State of Nevada 7,000,000 acres of land in said State for the use and benefit of the public schools of Nevada and the State university of the State of Nevada, having had the same under consideration, beg leave to report it back to the Senate with the recommendation that the bill do pass.

This bill does not in any way change the policy of the Federal Government or extend or enlarge its practice as heretofore adopted with regard to the other public-land States. The bill does not attempt to obtain a grant of a larger proportion of land than under the practice of the Government has heretofore been granted to each and all of the public-land States. On the contrary, it seeks to grant to the State of Nevada sufficient lands to make up a deficiency in the land grants heretofore made to the State under the policies and practices of the Government. The bill simply seeks to have the State of Nevada, with regard to the public lands within its borders, treated with the same justice that has been meted out to the other public-land States. Nearly every one of the public-land States, with the exception of Nevada and California, at the time of their admission as a State was granted five per cent of the gross receipts from public lands in such state. Such grant, however, was not made to California upon its admission as a State, but by an act of June 27, 1906 (34 Stat., 518), said five per cent was guaranteed to the State of California after the passage of such bill, and in addition thereto an appropriation was carried in such bill to pay to the State of California five per cent of all public-land receipts arising from public lands that have been sold in said State subsequent to its admission and prior to the passage of said bill. Nevada has never received the benefit of such an act.

In addition to these appropriations of a portion of the proceeds, derived from the sale of public lands, the States least liberally treated have received actual grants in acres from the public domain in such States of more than six per cent of their total land area, while the States most liberally treated have received more than fourteen per cent of the total acreage of their States in actual land grants. This means that the least liberally treated of the public-land States, with the exception of Nevada, have had the benefit of more than eleven per cent of all of the lands within the State, while the most liberally treated have received over nineteen per cent of the total area of the lands within such State.

(Continued on Page 4)

MILITARY BALL IS NEXT SOCIAL EVENT

CADETS TO BE HOSTS AT DANCE WITH ALL OFFICERS IN FULL REGALIA

The military ball to be held on Friday, February 18, is the next big social event on the campus. Captain Applewhite and the officers of the cadet battalion have been busy for several weeks with preparations for the affair which promises to be one of the best dances of the year. Lloyd Root has charge of the decorations, Albert Jackson and Edward Sather of the invitations, and David Abel will furnish the refreshments. The floor committee will consist of the cadet officers who will be dressed in full regalia. Governor Boyle with his staff and aides will be present besides other important state officials. The cadet band, consisting of twenty pieces under the leadership of Captain Darcy, has been centering their attention on waltzes and fox trots for several weeks past and the cadets and their guests will be furnished with the novelty of dancing to the music of a "regular" band. The military department expects to make the dance the best ever given and one of the happiest social affairs of the year.

SPECIAL SUBJECTS TO BE CONSIDERED

VARIOUS PHASES OF AGRICULTURE TO RECEIVE ATTENTION FROM OUTSIDE SPEAKERS

Next week will be a big event for the Agricultural College. Farmers' week with its special program and a large number of outside speakers, will begin and continue for a period of six days. The week will be a conference of the farmers and those interested in farming for the upbuilding of agriculture in Nevada.

Besides a large number of representative speakers from the College of Agriculture, and farmers and ranchers from the various agricultural districts of the State, the program includes the following list of visiting lecturers who will take part in the conference:

- W. T. Ritch, Australian Wool Specialist.
- I. D. O'Donnell, Supervisor of Irrigation, U. S. Reclamation Service, Billings, Mont.
- Eugene H. Grubb, Potato Expert, Southern Pacific Company.
- A representative of the Office of Public Roads, U. S. Department of Agriculture.
- J. E. Dorman, in charge Western Dairy Investigations, U. S. Department of Agriculture.
- D. W. Cole, Project Manager, Truckee Carson Irrigation Project, Fallon.
- Robert L. Fulton, Reno, Nevada.
- F. B. Headley, Supt. U. S. Experiment Farm, Fallon.
- F. B. Mechling, Mgr. Nevada-California Power Co., Goldfield.
- Edmund Clifton, Trade Commissioner, New Zealand.
- J. E. Cosgriff, Pres. Continental National Bank, Salt Lake City, Utah.
- L. E. Cline, Dairy Specialist, U. S. Department of Agriculture, Fallon.
- J. R. Van Nagell, Manager Riverside Mill Co., Reno.
- Hon. Wm. Kearney, State Engineer, Carson City.
- E. P. Osgood, Engineer, U. S. Reclamation Service, Fallon.

GAMES PLAYED BY NEVADA QUINTET SHOULD DECIDE THE CHAMPIONSHIP

THREE GAMES IN AS MANY DAYS AGAINST LEAGUE LEADERS TO PROVE WORTH OF THE BLUE AND WHITE

NEVADA EXPECTS VICTORIES

EASE WITH WHICH PACIFIC WAS DEFEATED LEADS ROOTERS TO BELIEVE NEVADA WILL CAPTURE PENNANT

With the hopes of landing a coast basketball championship Nevada's veteran team of basketballers headed by coach Wentworth and Captain Henningsen leave for the coast on Wednesday evening to battle their way to the top of the league.

Coach Wentworth gave out the names of the men who wear Nevada's colors on last Monday night. Captain Henningsen is to play the center position while McCubbin and McKenzie will do the basket-shooting in the forward position. Buckman and Trabert will be the regular guards. Dick Ballis and Pete Stewart will make a strong pair of substitutes. McCubbin's return to the team after a short absence materially strengthens the team and heightens Nevada's chances for a championship.

On Thursday night the varsity will meet California, their strongest competitor, on the floor of the Harmon Gymnasium. The Berkeley team was somewhat weakened for a time by an accident to Captain Norton, their star forward, but it is reported that he is now fully recovered and playing his usual strong game. The blue and gold team has recently returned from a trip to the northwest in which they defeated the best teams of that

section, including the University of Washington and several strong club teams, meeting defeat only at the hands of the Oregon Aggies.

On Friday evening the team will line up against St. Marys in Oakland. The team from the Catholic institution was considered a strong competitor for championship honors until they were humbled by St. Ignatius last Saturday night. St. Marys has a pair of veterans in Moy and Captain Quinn, but St. Ignatius played the stronger game and beat the red team by the score of 32 to 29 on their home court. Unless St. Ignatius has developed a team of much greater strength than in previous years, St. Marys should not prove a difficult task for Nevada's five.

The last game will be played in the Stanford Gymnasium on Saturday night. Stanford beat College of the Pacific by a score considerably smaller than Nevada and with improved form and an even break of luck Coach Wentworth's men promise to come out with the long end of the score.

Following the trip to the coast the varsity will play the postponed game with Santa Clara and the strong team from St. Ignatius College in Reno.

VARSITY OUTPLAYS Y. M. C. A. QUINTET

FINAL SCORE OF HOTLY-CONTESTED BUT RAGGED GAME IS 30 TO 27

Coach Wentworth's stalwarts failed to play up to form last Saturday night and only won their game with the strong Y. M. C. A. team by the narrow margin of 30 to 27. The game was hotly contested and the varsity came out ahead only after a hard fight. The play was ragged at times and it was anybody's game until the final whistle blew. While the varsity failed to live up to their form of the previous week in the College of Pacific game, the Y. M. C. A. gave evidence of hard practice and greatly improved form. Many of the "Y." team's points were made on free throws and varsity gave an advantage to their opponents because of their carelessness in fouling.

A return game will be played with the Y. M. C. A. team on February 23, and the varsity quintet promises a comeback and an overwhelming victory on the next occasion.

The line-ups were as follows:
Y. M. C. A.—Tallman, Charles, forwards; Savage, center; Cusick, Pringle, guards; Bridges, sub.
U. of N.—Stewart and McKenzie, forwards; Henningsen, center; Ballis and Buckman, guards.

Judge F. H. Norcross was down from Carson City last week end in order to meet with the committee for a social center for the University.

Richard Sheehy, '15, former basketball star, is in from Buckhorn, where he has been engaged in electrical engineering work. The "Chief" has been working with several other U. of N. grads in the mining game.

Tangoe Sundae—made from Orange Pudding, D. C. & W. Co.

MUCH INTEREST IN CLUB WORK

During the past week the Agricultural Extension Department has had a representative visiting the schools in Douglas and Ormsby counties, explaining the plans for animal husbandry, gardening, and home economics clubs. The boys and girls take to this work with enthusiasm. They want to enter into competition with one another and with the whole state in the raising of good animals and making of gardens. In the neighborhood of 150 children in Douglas and Ormsby counties alone have signified a desire to join one or more of these clubs. At present there are about 500 requests for enrollment from various places in the state and more are coming in daily. There is little doubt that the total number of enrollment will soon be over 1000.

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Friday & Saturday
Douglas Fairbanks in "THE LAMB"

Sunday
Alice Brady in "THE RACK"

GRAND THEATRE

Today:

Blanche Sweet in "THE RAGAMUFFIN"

Wednesday & Thursday

"GRAVSTARK"

Friday & Saturday

Dustin Farnum in "The Call of the Cumberland"

The U. of N. Sagebrush

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JOHN HEARD, '17.....Assistant Editor

MARY RAITT, '16.....Associate Editor
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EDITORIAL

SENATE BILL 2520

With the passage of Senate Bill 2520, commonly known as the "land grant" bill, the initial victory in the campaign for a just division of the public lands has been won by Nevada.

Other states, far richer in natural resources, have long enjoyed a goodly share of the land within their boundaries ceded by a generous government. That this same government should hesitate to extend the same justice to every state in the Union is hard to understand, especially when the general benefits to be derived from such grants are considered.

Instead of being held as reserve land, this land will be thrown open to the immediate settlement and development for which the majority of the western states are continually striving. The income derived from the sale of these lands will provide for the education of the coming generation, and will therefore contribute materially to the national welfare. In a state where the deserts predominate, the withholding of rich agricultural land by the federal government from immediate settlement and cultivation bears a striking resemblance to the miser. Well satisfied with the mere possession of great resources, all profitable use of these same resources are indefinitely postponed.

That this economic waste will be persisted in by the federal government is contrary to all precedent in American history.

To the efforts of a president of the University of Nevada must be credited a goodly share of the success thus far obtained. Statistics compiled on land grants, from the original grants in 1882, down to the present time by President Hendrick have been of inestimable value in the campaign.

If the bill is finally successful, the University of Nevada as well as all the educational plants of the state, will be benefited tremendously. Every Nevadan should lend his best efforts to the furtherance of this bill, which is now before the house, and do their part in bringing to Nevada her rightful share of a much-needed grant.

ALL'S WELL

In last week's Sagebrush we commented adversely on the appointment of a certain committee by the president of the A. S. U. N. Since that time President Hovey has proven his good faith in the matter by accepting our editorial suggestion, in regard to this committee. Whatever doubts we expressed in regard to this matter are entirely banished, and the whole affair is satisfactorily closed.

It is only by united effort and the concerted action of every student on the hill that the best results can be obtained. Co-operation is the keynote of success in any undertaking, and all true workers for the welfare of the University of Nevada should realize it, and be guided in their future actions accordingly.

MANZANITA HALL NOTES

Misses Bessie Markheim, Ruth Douglas, Ruth Wheeler and Helen O'Neil were the guests of Miss Adele Norcross at her home in Carson City last week end.

Miss Lillian Doyle spent the week end with her family in Truckee.

A new rule was recently made for Manzanita which permits the girls of the hall to entertain friends by reserving the parlor.

A chafing-dish party initiated the parlor Friday evening. The Leap Year guests were provided with caps and aprons and the mysteries of cooking over the alcohol blaze were patiently imparted to them. The promising pupils learned to make creamed chicken on toast and hot chocolate and then consumed their products without any coaching from the instructors. A splendid box of cakes and cookies from "mother" disappeared as if by magic and the little silver bell rang three times before the guests could be prevailed upon to tear themselves away.

It is rumored that two or three caps are missing and furthermore it is said that these same caps are at present adorning the bachelor apartments of Lincoln Hall.

The guests were Ed Sather, John Luce, Gordon Hempton, Earl Wooster, Alexander Cotter, Charles Gooding and George Hopkins. The hostesses were Emma Lou Singer, Eva Hale, Edith Harris, Dorothy Hempton, Mildred Bray, Blanche Lathrop and Edna Greenough.

INTERCOLLEGIATE

DOBIE COMES BACK

Gilmour Dobie, former coach of the University of Washington, has signed a contract to handle the northern eleven again next year. Dobie retired for good last fall but on his return to Seattle he was persuaded to try it one more year.

CAL'S BIG "C"

California is planning a path up to the big "C" on the hill so that the climb will not be so arduous. The first time they surveyed it the plan took the shape of a big "S." As one student remarked "It would be fierce to have to climb over an 'S' to get to their 'C,'" so now they have changed the plan to a zigzag, thus eliminating the "S."

IN LINE WITH OUR SOCIAL HALL

Delaware State College has a social hall corresponding to Wolfson's idea. It is a place where the alumni can gather and review their college days surrounded by the trophies and pictures of college history. It is also a social center for the students with reading room and committee rooms. They have named it Purnell Hall in honor of a former president.

The co-eds of the University of Chicago have gone on a strike because in certain lecture courses they are not permitted to sit on the side of the room with the male students.



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WHOLESALEERS

Reno, Nevada

Y. W. C. A.

Last week the Y. W. C. A. had a very extraordinary meeting, for Mrs. Ellis, who spoke last week at the Y. M. C. A., spared them about an hour of her time. The subject was "Vocational Advice." Mrs. Ellis spoke not from the industry standpoint but in regard to individual.

The supreme duty and experience of every girl in life is to be a wife and mother, but she should also fit herself for some vocation and in this way not only insure herself against disaster but be better fitted to raise children. Mrs. Ellis said there should be vocational advisors in every school and college and they should study the child when it first enters school and encourage and develop the talents which they find in the individual boys and girls. These advisors should be trained, competent and scientific.

Life is not a bag into which we slip our hand and draw out a piece of paper with teacher or artist written on it to shape our destiny. The most important thing is to have joy in our work and we only have that joy when we are fitted by nature and talent to our work.

The man wise system of vocational training is: What will child do to job? Will he fit it?

Mrs. Ellis says most people think if a boy is dull he should become a farmer; but she advised against this, saying a dull boy in one of the learned professions could hide some of his discrepancies but as a farmer he would have no chance.

At the close of her talk Mrs. Ellis gave several examples of character analysis, which were both interesting and amusing.

NEW BOOKS

The recent new books coming to the library have been largely gifts:

American Society of Civil Engineering, Volume 79; Burgess' Drill Vocabulary for Virgil; Cambridge History of English Literature, Volume 12; Clarkson's Textbook of Histology; Cohen's Socialism for Students; Curtis' Education Through Play; Curtis' Practical Conduct of Play; Dean's World's Fair City; Decker's Cheddar Cheese Making; Drummond's Poetical Works; Edmonds' Nurse and Spy; Foster's True Possession; Graves Great Educators of Three Centuries; Industrial Arts Index for 1915; Investment Bankers Association Reports; Lees Play in Education; Lafargue's Right to be Lazy; Marx's Communist Manifesto; Mills' Struggle for Existence; Massachusetts' Statistics of Municipal Finances for 1913; National Tax Association for 1915; Nevada Court Reports, Volume 37; New York Insurance Report for 1915; Poors Manual of Industrials for 1914; Ray's New Elementary Algebra; Ross's Changing Chinese; Schoenman's Milk Testing; Smiths' Computer; Spencer's Philosophy of Style; Wiley's Lure of the Land.

NEW SPECTROGRAPH RECENTLY RECEIVED

APPARATUS TO BE USED FOR RESEARCH WORK BY PROFESSOR JACOBSON

A rare and unusual instrument has been received by the chemistry department for use in Professor Jacobson's research work. The apparatus is called a quartz spectrograph and is made by Adam Hilgar Co. of London, being the only one of its kind in the country. Professor Jacobson first used this kind of instrument in the laboratory of Professor Marchlewski, the eminent Austrian chemist, where he isolated for the first time the substance known as neo-chlorophyll. Professor Jacobson intends to use this new instrument to continue his investigations. Chlorophyll is the coloring substance of all plants and has considerable effect on the amount of protein which is taken into the plant during its period of growth. The investigations have some economic importance because of the effect of the coloring substance on alfalfa and other legumes. The spectrograph for use in these studies consists of a series of quartz lenses, a reflector which does away with all but the ultra-violet rays which are used exclusively and a camera for taking impressions of the chlorophyll.

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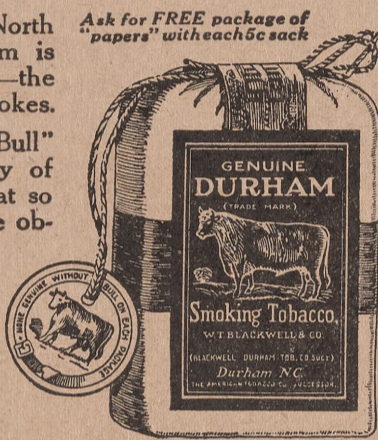
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FEDERAL LANDS

(Continued from page 1)

The following table, prepared under the direction of the Commissioner of the General Land Office, shows clearly the total acreage in each of the public-land States and the total land grants in such States with the percentages adduced. As before stated, in addition to these land

States.	Land surface in acres	Grant in acres	Percentage
Arizona	72,838,400	10,484,116.00	0.14 plus
California	99,617,280	8,331,878.18	.08 plus
Colorado	66,341,120	4,432,169.00	.06 plus
Idaho	53,608,560	3,628,827.00	.06 plus
Montana	93,296,640	5,869,064.00	.06 plus
Nebraska	49,157,120	3,456,809.00	.07 plus
New Mexico	78,401,920	12,409,014.86	.15 plus
North Dakota	44,917,120	3,163,084.00	.07 plus
Oklahoma	44,424,960	3,094,000.00	.06 plus
Oregon	61,188,480	4,355,324.00	.07 plus
South Dakota	49,195,520	3,433,153.00	.07 plus
Utah	52,597,760	7,408,018.00	.14 plus
Washington	42,775,040	3,042,906.00	.07 plus
Wyoming	62,460,160	4,137,076.00	.06 plus
Average			.08
Nevada	70,285,440	2,723,647.00	.03 plus

If Nevada is granted the 7,000,000 acres provided for in this bill it will still only be treated as the least liberally treated of the public-land States. The reasonableness of the grant is more apparent when it is realized that the remaining unappropriated public lands of the State of Nevada are practically all desert lands without known water supply.

The bill prescribes that the proceeds derived from the sale of such lands by the State after the grant is made shall be appropriated for the use of the public schools in the State and of the State university in the following proportions, to wit, 80 per cent of such proceeds to the public schools and 20 per cent of such proceeds to the State university. While the population of the State of Nevada is small, such population is scattered over such an enormous area that the expense of maintaining public schools is unusually large. Such public-school system is in need of support, and such grant for such purpose is not only reasonable but just. The State university is most fortunately situated for the investigation of mining and agricultural problems and the dissemination of knowledge with regard to such subjects. It is the policy of the Government to encourage such investigations and the dissemination of such knowledge, and the grant to said university is not only reasonable and just but will be of great value to the Government, particularly through the accomplishments of such university along the lines of agricultural and mining research.

The committee considered a number of suggestions relative to the placing of restrictions in the grant with regard to the disposal of such lands, but after due deliberation deemed it wise by reason of the peculiar conditions existing in the State of Nevada to leave such questions to the determination of the State. It was further influenced in this course by the belief that the people of the State of Nevada are fully awake to the necessity of so disposing of such lands as to obtain the very best consideration for the State.

The bill came up for discussion in the United States Senate on January 31st, and was again further discussed on February 8th and passed with some amendments.

In the preparation of this bill considerable care was placed in order to safeguard the interests of the public schools and the State university and the citizenship of this State and the United States.

Section 3 of the bill you will understand reads: "the lands herein granted shall be disposed of under such laws, rules, and regulations as may now or hereafter be prescribed by the Legislature of the State of Nevada not inconsistent herewith; Provided, that any citizen of the United States shall be entitled to purchase not more than 640 acres and not less than 40 acres of such land."

It is understood that this section was amended by the insertion after the words "disposed of" by inserting "to citizens of the United States by sale to the highest bidder, at public auction upon due notice"; and that at the end of the section these words were added "under the terms and in the manner provided in this bill."

This bill was further amended limiting the price to \$1.25 per acre minimum, and still further amended so that no more than 500,000 acres of the land can be sold in any one year.

Considerable discussion took place on this bill directed mainly to the question as to whether the limit

grants, practically all of the public-land States with the exception of Nevada have received grants of five per cent of the gross proceeds derived from the sale of the lands of the Government, so there should be added to the percentage of all of the States except Nevada such five per cent in arriving at the total benefits derived by each of such States:

Land surface in acres	Grant in acres	Percentage	
72,838,400	10,484,116.00	0.14 plus	
99,617,280	8,331,878.18	.08 plus	
66,341,120	4,432,169.00	.06 plus	
53,608,560	3,628,827.00	.06 plus	
93,296,640	5,869,064.00	.06 plus	
49,157,120	3,456,809.00	.07 plus	
78,401,920	12,409,014.86	.15 plus	
44,917,120	3,163,084.00	.07 plus	
44,424,960	3,094,000.00	.06 plus	
61,188,480	4,355,324.00	.07 plus	
49,195,520	3,433,153.00	.07 plus	
52,597,760	7,408,018.00	.14 plus	
42,775,040	3,042,906.00	.07 plus	
62,460,160	4,137,076.00	.06 plus	
Average		.08	
Nevada	70,285,440	2,723,647.00	.03 plus

should not be placed at \$10.00 per acre rather than \$1.25.

It was shown, however, that the conditions in the State of Nevada are quite different from the conditions in other states. The reports of the Geological Survey and the Department of Agriculture were made the basis of the argument to show that the great majority of the lands still unoccupied in this State are only valuable for grazing purposes; that some of the lands are undoubtedly worth more than \$1.25 per acre, but that the State can be trusted to make rules and regulations which will provide for the sale of these lands at their actual valuation irrespective of the minimum price placed upon the lands in this act.

The precaution was taken by amending the bill so that not more than 500,000 acres could be sold in any one year so that no wholesale disposal of these lands could take place before the meeting of the legislature and by the further precaution which is contained in the bill that "not more than 640 acres shall be sold to any one citizen."

It will be remembered that in the enabling act of most states provision is made for the turning over of areas of the public lands for the endowment of the public schools; that the lands were given in place, that is in most states the 16th and 30th sections were mentioned. If this were done in this case it would result in a considerable amount of the lands falling upon the mountains, and, as is well known, these lands are practically valueless except for minerals, and the grant would thus result in very little advantage to the State.

The right of the prospector, however, is protected in the bill by providing the method of selection of the 7,000,000 acres of land. Under its terms a citizen of the United States must make the selection of 640 acres or less and when the selection of this land has been made its mineral character is determined. If it is mineral in character it is not subject to the grant; if it is not found to be mineral in character there surely is no prospector on it with any mining rights and no prospector can be injured. If subsequent to the purchase of this ground it is determined to be mineral ground the discovery is due of course to the man who purchases it and not to any prospector.

It must not be understood that this vast body of 7,000,000 acres of land is to be put upon the market at once at public auction and sale. Under the terms of the bill it will take fourteen years at least to dispose of this land; in fact before any of this land can be sold a selection must be made by a citizen of the United States and before he or she shall be allowed to purchase it, it shall be advertised and he or she shall be compelled to pay the competitive prices therefor. It will be noticed particularly that the bill is so drawn as to protect the prospector and to make it possible for even the man of smallest means to be a participant in its benefit.

In justification of the amount of land which should come to Nevada compared with the land given other states, considerable discussion took place. The senator from Utah, Mr. Smoot, claimed that Nevada would be getting undue advantage, stating that if it were considered upon a basis of population the gift of 7,000,000 acres of land would mean 95 acres for each citizen; per, considering families, 295 acres for each family of the State.

The senator from Montana, Mr.

Walsh, pointed out that Nevada had the title to only 2,723,000 acres as against 6,000,000 for the State of Idaho, 6,000,000 for the State of Montana, and 7,414,000 acres for the State of Utah, and asked very pointedly "How many acres would be fair to accord to Nevada?" The reply of the senator from Utah was that the lands granted to Utah were in place, namely the 2, 16, 32, and 36 sections. The senator from Montana, Mr. Walsh, pointed out that a considerable amount of this land fell in the mountainous districts of the State and that those were in the forest reserves, and that under the law of the United States whenever there is a piece of land in a forest reserve that is owned by an individual it can be exchanged for public lands outside of the forest reserve, which would make it possible for the State of Utah to get valley lands in spite of the fact that the lands were given them in place.

Senator Gallinger of New Hampshire uttered a protest against the tossing of 7,000,000 acres of the public lands to the several states each year, and further against the granting of public lands to the various states; that the lands really belonged to the United States. It was shown, for instance, in continuance of this sentiment that the New York Zoological Association at a recent meeting passed the following resolution: "Now therefore be it further resolved, that the New York Zoological Society recommends that the Federal Government take immediate steps to convert any and all of the forest reserves of the United States into game refuges for such period and to such extent as is necessary to assure the preservation of threatened species and the continuance of the game supply of the surrendering districts."

To which Senator Borah of Idaho replied as follows: "I merely desire to say that it seems incredible that any body of men would pass that kind of a resolution. Do not these men know that there are thousands of acres in these reserves that are as good agricultural land as can be found, and that hundreds and thousands of homeless people want them? I have no language to express my views of a body of men who would turn such land over to game preservers."

If this doctrine were applied to Nevada 75 per cent of the lands of this State would be tied up for a game preserve in order that these distinguished gentlemen might come out here and hunt game while people are yearning for a place to build a home.

The senator from Idaho, Mr. Borah, further pointed out, in reply to the senator from New Hampshire, that the amount of lands in the various western states which are not subject to entry and therefore not subject to taxation, is enormous. The western states are undertaking to build up a great commonwealth upon a taxable area of from 10, 15, to 25 per cent of their entire area. In the State of Nevada, as we all know, less than 10 per cent of the land area of the State is taxable, and as Senator Borah says we have large counties where we have to sustain our schools by private contributions, while distinguished gentlemen throughout the country are petitioning for the creation of hunting reserves in that region of territory where they have as good agricultural land as lies out doors.

The senator from Nevada, Mr. Pittman, was chided because he in part represents a State which has only a few voters. The reply is, where is the voter going to stay? He cannot stay on reserve land. The only way to get home builders and voters in this State is to open these lands for entry.

It was further pointed out that in dealing with these western states the peculiar conditions of each State must be taken into consideration. It is a well-known fact that lands in the State of Nevada are not as valuable per acre as the average land in other states, and it is certain that in gifts that have been made by the United States to some of the other states if reckoned in money value, the gift would amount to many hundred times what the gift has amounted to Nevada thus far.

The report of the Commissioner of the General Land Office for this year showing the desert land entries made since 1877 in the various states of the Union, discloses that in four states only has the amount of money received on final payment at the rate of \$1 per acre on such final payment equaled the amount of the first payment at 25 cents per acre. What does that mean? It means that not one-fourth of the lands taken up by settlers under the desert land acts have

been patented, that they have lost the money which they have spent on three-fourths of it; they have lost the money paid for it and also \$3 per acre which they have paid, less their time, less the land and over one-half the money.

The statistics show that less than one-tenth of the area of the arid lands in the State of Nevada which have been applied for have gone for final title, according to the report of the Commissioner of the General Land Office, which would indicate that dry farming in Nevada was not very successful. It is to be noted, however, that the areas available for settlers in this State are not the best areas for dry farming purposes, and the advantage which this bill will have for intending settlers will be that selection can be made in the districts where there is greatest possibility for success.


We desire to call the attention of the citizenship of this State and the graduates of the State university to the benefit which will accrue to this State and to its educational institutions by the passage of this act, and we hope that each and every one of them will use their very best endeavors to make the facts and conditions of this State known to whatever friends they have throughout the

United States in order that these facts may become known to the representatives in Congress.

The bill is now before the Public Lands Committee of the House of Representatives. It will probably be discussed in the house about the first of March, so that any opportunity which is open to the friends of educational institutions of the State of Nevada to make known its conditions and needs to the representatives in Congress it is hoped they will avail themselves of it promptly.

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SOCIAL

PI BETA PHI

Friday evening Pi Beta Phi entertained in honor of their pledges at a dancing party at Maple Hall. The dance was informal and a thoroughly enjoyable affair. The guests were: President and Mrs. Hendrick, Miss Louise Fargo Brown, Mr. and Mrs. Prince Hawkins, Mr. and Mrs. J. O'Sullivan, Mr. and Mrs. Tranter, Miss Taylor, Misses Gene and Beatrice Langwith, Isabel Slavin, Freda Daoust, Dorothy Mahan, Dorothy Higgins, Lola Hanna, Margaret Hesson, Dorothy Patterson, Grace Myers, Nellie Wilkerson, Elsie Herz; Messrs. Frank Golden, Ed Caffery, Norris Shindler, Clay Willis, Carl Springmeyer, Bob Baker, Dick Ballas, John Patterson, Harry Scheeline, Bart Hood, Frances Martin, Tom Edsall, Edwin Krahl, Bill Melarkey, Jack Wright, Howard Cameron, Charles Masters, Earl Holtham, Bob Farrar, Leslie Evans, Harry Hovey, John Quigley, John Knight, Carl Kemper, Bert Walker, Edwin O'Neill, Chester Brennen, Donald Stewart. The hostesses were: Ruth Pyle, Ruth Miller, Eva Walker, Faith Maris, Clara O'Neill, Juanita Frey, Dorothy Morrison, Margaret Kemper, Phoebe King, Lena Laden, Hilda Herz, Grace Cox, Alice Hobrins, Myrtle Cameron, Gladys Jones, Lillian Esden, Edwina O'Brien, Eunice Cogwin, Helen Hobbins, Margaret Mack, Kate Reigeuth.

Saturday Pi Beta Phi initiated her twelve pledges into the secrets of the fraternity and at the close of the ceremonies twelve new golden arrows were pinned on the happy girls. A banquet at Century Club was held in the evening, where the colors, wine and blue, made beautiful decorations, and where the red carnation was much in evidence. Toasts were responded to by alumae, actives and initiates, and all through the evening fraternity songs were sung. The initiates are: Dorothy Mahan, Lola Hanna, Margaret Hesson, Dorothy Patterson, Nellie Wilkerson, Dorothy Higgins, Freda Daoust, Isabel Slavin, Beatrice Langwith, Eugene Langwith, Grace Myers, Elsie Herz.

WAR EXPERIENCES OF NEVADA OXFORD MEN

FLOYD BRYANT, '15, AND WALTER JEPSON, '16, TELL OF LIFE IN ENGLAND

Below is an extract from a recent letter written by Floyd S. Bryant, Ex-'15, senior Rhodes scholar from Nevada in Oxford University.

"I am leaving tomorrow for London and thence to France, where I am to drive a motor ambulance for the American Red Cross. There are about a dozen of us going over and it looks as if it might be interesting. We may not stay in Paris all the time but may be sent out, if need arises, to other places, wherever the drivers are most urgently required. It is a splendid work and as we are over here only once, it is not an opportunity to be wasted. I asked my tutor if he thought it would be wise to go, from the standpoint of my work. He said, "Go by all means," and assured me that I could still do

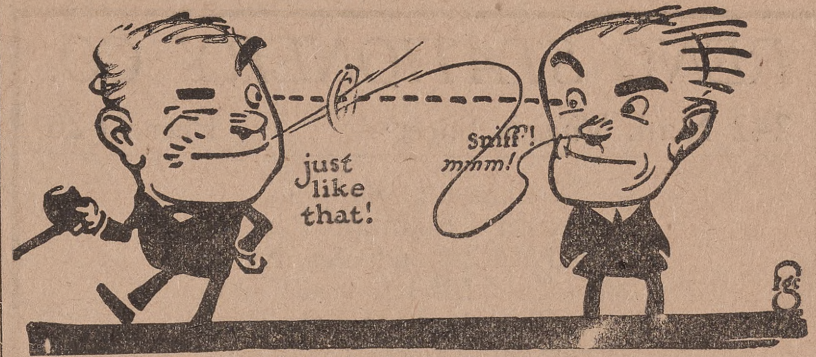
my finals even if I had no work at all this vacation. Of course I shall prejudice my chances for any sort of class, but as one of the dons said some time ago, "A man is not to be judged by the class he takes during these distressful years."

We give also an extract from a letter by Walter C. Jepson, Ex-'16, in which he describes his encounter with the British censor in the attempt to cable the result of the qualifying examinations for the Rhodes examinations last October.

Too late the fatal words of the war—"Unless we quicken our movements damnation will fall upon the sacred cause for which so much blood has flowed." . . . Now by no means is this a confession that I have not sent you word long ago, nor that I have failed in my moral obligations as regards the last Rhodes examination. I only lament the fact that the cable which I sent at the time never reached the University. I don't think it could have become lost through any economy of words on my part. In fact, I have very good reason so to believe. Just when I had visions of my communication being received with joy back in Nevada, I received a note from the censor demanding a full and clear explanation of the second text word, which happened

to be "Pargellis." The wording was "Fife Pargellis passed—Jepson." I complied as quickly as possible, and thought all would be well. Not so, however. I received another note from the censor stating that the message could not be accepted. Therefore I amended the text to read "William Stanley passed—Jepson," and the postmaster at Oxford assured me that it would be all right and that, unless I heard from him directly to the contrary, I could assume that it got through. I had no such reply and naturally inferred that it had been forwarded. By this time, however, I suspect that suspicion had become attached to the name "Jepson," so that the censor was led to believe that about the best way of nipping in the bud a plot to send a swarm of Zepps over England or a school of submarines to her coasts, would be to chuck the fatal words into the basket.

The situation at present consists in an interchange of notes with His Majesty's postoffice, and unless adequate explanation or reparation is forthcoming I shall have to threaten a "rupture of those friendly relations which have always characterized our mutual dealings." I wonder if Pargellis will undertake an action for defamation, slander, or libel!



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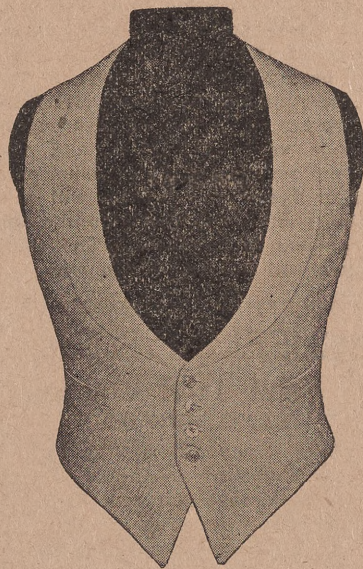
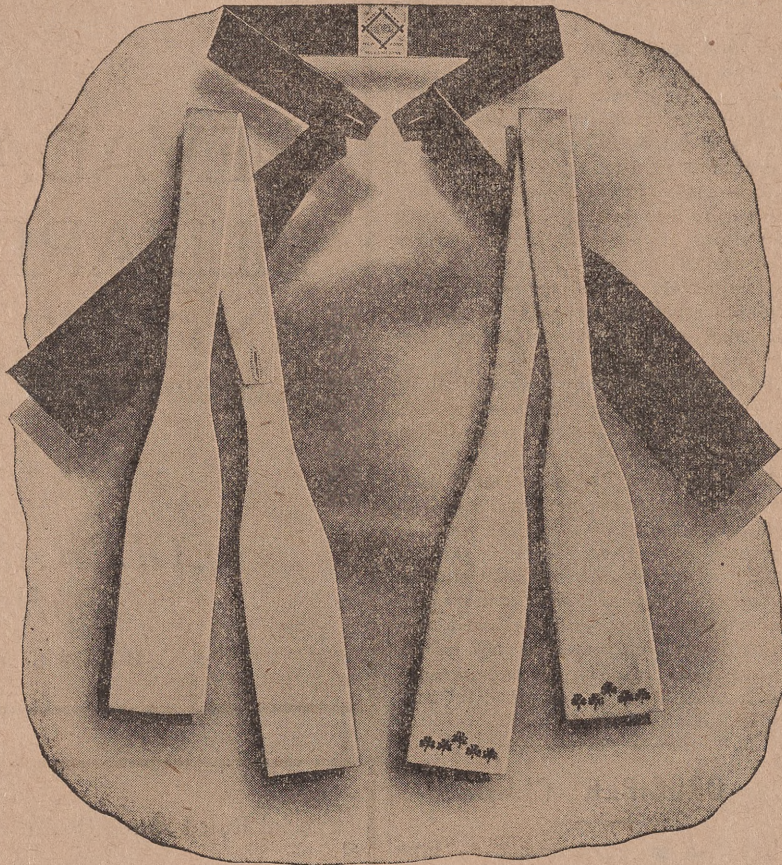
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MATHEMATICS CLUB TALKS ON PROBLEM

DISCUSSION OF FOURTH DIMENSION AROUSES MUCH INTEREST

On Wednesday last the Math Club held its second meeting in Morrill Hall. After a short business meeting Dr. Haseman talked on the "Fourth Dimension." It was a profitable and interesting explanation of a dimension perpendicular to all the three known. It also gave those present a happy outlook on Heaven and how to get there. Wednesday week at seven o'clock Prof. Nysmander will address the club on some of the interesting phases of astronomy. The attendance at the last meeting was good and the members hope to have as many or more next time.

The meetings begin sharp at seven.

FACULTY LIBERAL ARTS CLUB MEETS

THEORY OF PROBABILITIES IS APPLIED TO GRADES GIVEN BY FACULTY

At the last meeting of the Faculty Liberal Arts Club Professor Hartman spoke on the theory of probabilities as applied to student grades in scholarship. The theory was first explained as applied to other variables and then applied to the marks given by the members of the University Faculty. In case a large number of variables exist as is the case in the grades of university students, a large percentage of the variables will fall in one class. This theory has been applied to the grades of the faculty in various universities, notably Harvard and Missouri. It was found that approximately forty per cent of the students received grades of C, twenty per cent each of B and D and ten per cent each of A and F. At Missouri the system was made compulsory and the faculty were compelled to group their grades within the boundaries indicated.

There is need for some such system at the university because of the wide variations given by the various members of the faculty. Of the marks of one faculty member eighty-seven per cent are over ninety; of the marks of another none are above ninety. Such extremes do not admit of any just grading in scholarship and it is difficult to set an exact and just standard of scholarship.

CRUCIBLE CLUB

The club has determined to take advantage of the practical knowledge of the mining men who are on the campus at the present time registered in the prospectors' short course. Several of the short course students have been secured to speak at the next meeting of the club. Mr. Hart will speak on the gold-dredging methods used at Turlock and will give the results of his experience with dredgers. Mr. White will talk on the goldfields of the Klondike and his Alaskan experiences. The third speaker will be Mr. Donlin who will

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speak on the financial side of mining operations. An interesting evening is expected from the talks of these

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