

The New Hampshire.

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DURHAM, N. H., DECEMBER 3, 1915

PRICE 5 CENTS

RHODE ISLAND STATE DEFEATS N. H. C.

HARD FOUGHT GAME HIS LOST TO BLUES BY 19-0 SCORE

1918 DEFEATS 1919 BY 12-0

Loss of Quarterbacks Spoils Varsity Chances for Victory—Freshmen Up Against Losing Proposition in Sophomores

In a post-season game with Rhode Island, November 20th, New Hampshire was defeated by the score of 19 to 0. Although the score seems to be somewhat one-sided the game was really hard fought throughout. New Hampshire has no exercises, for Rhode Island had the better team. However the result would probably have been considerably different if both of New Hampshire's quarterbacks had not been laid out.

In the first quarter Capt. Westover, our quarterback and best ground gainer was laid out by a kick in the head. Although not forced to retire from the game, he lost the faculty of recalling the signals and so another quarter had to take his place.

Irvine, Westover's successor, is a good ground gainer, but the latter part of the season he has been on the hospital list a good part of the time with an injured knee. Irvine lasted for a time but the old injury to the knee was aggravated, and Willand, a sub-backfield man took his place. Willand has played quarter some of the time this season in practice, but has never had any real experience in this position.

The first touchdown came in the first quarter from the result of a Rhode Island man's breaking through and blocking a punt on New Hampshire's 20-yard line and running down for a touchdown. Leboeuf missed the goal.

In the third quarter Rhode Island made a long forward pass over the goal line and between the goal posts for a touchdown. Leboeuf kicked the goal. In the fourth quarter a 20-yard pass was made over Hewey's head and followed up by two or three plays to a touchdown. Again the goal was missed.

For New Hampshire Hewey was the ground gaining star. The whole line played a good hard game. The backfield, as a result of being shifted around and mixed up, was rather weak, especially on defensive work.

Line-up:
New Hampshire Rhode Island
Brown, Russell re le Lawrence
Jenkins rt lt McIntosh
Buckley, Ford rg lg Becker
Harvell, Swett c e Gibbs
Bell lg rg Lussier
Waterman, Morrill lt rt Dodge
Manter le re Dunham
Westover, Willand qb ab Corgan
Watson, Hewey rhb lhb Lagerstat
Woodward Irvine lhb rhb O'Brien
Broderick fb fb Leboeuf

Score: Rhode Island 19, New Hampshire 0. Touchdowns, Leboeuf, McIntosh, O'Brien. Goal from touchdowns, Leboeuf. Referee, Ingalls of Brown. Umpire, Swaine of Brown. Linesman, Wartell of Marietta. Time, 15 minute quarters.

FRESHMAN—SOPHOMORE GAME.

In a closely contested struggle the sophomores won the annual game with the freshmen on the Tuesday before Thanksgiving. The field was wet and slippery, but the players gave a good account of themselves, the fine defensive work of the freshmen being a surprise to the upper class team, which was expecting a walkaway and a score of at least 40-0. The stars for the sophomores were Hewey and Bennett, while Wallace and Buckley did good work for 1919. Brosnan, the freshman fullback, delighted the crowd with some nice plunges through the center of the 1918 line. The line up:

1918 1919
Willand le ro Reardon
Badger rt lt Smith
Huse rg lg Thompson
Ford c c Harvell
Bell lg rg Buckley
Morrill lt rt Haseltine
Jenkins re le Blodgett
Irvine gb qb Emery

COLLEGE GLEE CLUB GIVES OPENING CONCERT AT GYM.

Orchestra Assists—Dr. Richards' New Compositions Featured—Success at Durham Foundation for Extensive Trip.

The College Glee Club assisted by the orchestra gave its opening concert at the Gym on the evening of November 23, before a large and appreciative audience. The varied program was well executed and met with enthusiastic applause. The work of the club at Durham leads one to believe that on its proposed tour it will meet with a cordial reception by the people of the state.

The two songs, "Memory" and "Be-fore Ah Goes to Bed," composed by Dr. A. E. Richards, were presented for the first time by the college quartette, consisting of Messrs S. G. Johnson, G. L. Paine, R. L. Dame, and R. J. Bugbee. These songs are to be the feature numbers of the quartet when on the road.

Among other numbers that were especially well received were the selections given by the string suite and by the trio which consisted of Miss White, pianist, Mr. Hoffman, violinist and Mr. Ewart, cellist. The cello solo by Mr. Ewart and the vocal solos by Messrs Dame and Brown were much appreciated. Mr. Bell made a decided hit with his readings.

CLUB MEMBERSHIP

The members of the Glee Club have been carefully selected and consist of the following men.

CLUB MEMBERSHIP

E. L. Blake, leader; R. J. Bugbee, manager, P. S. Ward, pianist.
First Tenors—Messrs H. E. Corliss, H. A. Holbrook, S. G. Johnson, R. K. Lovejoy, J. E. Miltimore, A. E. McKenney, F. S. Manter.

Second Tenors—Messrs W. A. Dudley, F. H. Fitch, H. S. Martin, G. L. Paine, J. H. Robinson, E. S. Ross, W. H. Thomas.

First Bases—Messrs I. C. Brown, E. L. Blke, R. J. Bugbee, F. D. Ellsworth, G. E. Evans, V. A. Perkins.

Second Bases—Messrs C. A. Bennett, D. P. Crockett, G. W. Chase, R. L. Dame, J. W. Dresser, P. B. Gray, L. B. Pobinson.

On Tuesday evening they were assisted by Messrs. Libby, M. Johnson, Lord, Whitman, Moody, Sleeper, Nevers, Butterfield, McDonald, Richardson, Mathes, Hadley, Batchelder, Hoyt Brill, Cahalane, Knox.

The orchestra is made up of V. W. Batchelor, manager, R. J. Bugbee, C. A. Weigel, leader; C. A. Bennett, J. A. Dodge, R. J. Ewart, L. B. Hoffman, H. A. Holbrook, F. W. Prescott, F. S. Ross, F. Weigel. The pianist has not been decided on yet. Mr. C. E. Brown played for the concert.

N. H. C. ALUMNUS GIVES MOFE SCORES OF GAMES WITH P. I.

In the last issue of the New Hampshire, a list of the scores of the past football games with Rhode Island beginning with 1907 was published. In a letter from 'Chuck' Sanborn, the following scores were added: 1905, N. H., 6; R. I., 0. 1903, N. H., 20; R. I., 0. The '05 game was played in Dover and the '03 game in Kingston.

He further states in his letter, 'I was in every game of the season of 1906 and 1907, hence my interest in the matter. Furthermore, we did not then consider Rhode Island as a windup game for the season; but rather for early or mid-season practise. I think that Rhode Island should be so regarded now.'

Hewey lhb rhb Wallace
Brackett, Nevers, rhb lhb Noel
Bennett fb fb Brosnan

Summary: Touchdowns, Hewey and Irvine. Score, Sophomores 12, Freshmen 0. Referee Porter; Umpire, Westover. Timekeeper, Chase; Head linesman, Ward.

A feature at the University of Washington is a co-ed bowling league.

AGRICULTURAL CLUB HOLDS DEDICATION

NEW QUARTERS FORMALLY OPENED (MONDAY, NOVEMBER 22)

A. L. FELKER GUEST OF HONOR

Prof. F. W. Taylor Gives Dedicatory Address—Other Speakers From the Alumni and Faculty.

Andrew L. Felker State Commissioner of agriculture was the guest of honor at the dedication of the new quarters of the "Aggie" club held Nov. 22 at 8 o'clock in Morrill Hall. The new rooms of the club were finished last summer when the upper floor of Morrill Hall was finished off for the offices of the extension department. Mr. Felker spoke on the needs and advantages of New Hampshire agriculture. He showed many photographs of New Hampshire farms where agriculture is practiced on a scientific basis. "In almost every case," he said, "where the best methods are used, they can be traced to the influence of New Hampshire college or the extension service."

Prof. F. W. Taylor delivered the dedicatory address, taking for his subject, "The Advance in agriculture in the last 50 years." He showed by means of statistics that the cost of producing agricultural products had been cut down 13 in this time by the introduction of farm machinery.

W. D. Hayden, '99 manager of Middlebrook Farm, Dover, gave an interesting talk on the early history of the club. He was, at one time, the secretary of the Conant Agricultural Club, which was the name of the society when first organized.

Other speakers were Prof. J. C. Kendall, director of the extension service; Prof. Fred Rasmussen; Prof. Richard Whoriskey; and Prof. O. L. Eckman.

The college orchestra played several selections and refreshments of pumpkin pie, doughnuts, coffee and cheese were served.

FUNERAL OF DR. G. H. WILKINS '79 FOLLOWS LONG ILLNESS.

The funeral of Dr. George Henry Wilkins '79 took place from his brother's home at 62 Page road, Newtonville, Mass., Saturday Oct. 20. Out of six who were graduated in the class of '79 only three are left.

Dr. Wilkins died at Framingham, following illness prolonged through three years. He was born in Amherst, N. H., December 28, 1855, and was educated in the New Hampshire State College and at the New York Homeopathic College. Following his graduation from that place he began to practice in Palmer, remaining there from 1883 until 1902 when he removed to Newtonville to practice his profession there.

Dr. Wilkins was a member of Dal-housie Lodge, A. F. and A. M., and of Gethsemane commandery K. T. He belonged to the Massachusetts Homeopathic society, the Worcester Medical society and the Springfield Medical society. He had served as a member of the staff of the Newton hospital. Dr. Wilkins had also been a lecturer at the Boston University school of Medicine. He is survived by his wife, a sister, Mrs. F. W. Sawyer of Milford, N. H., and two brothers, Charles L. Wilkins of Newtonville, Mass., and Harry A. Wilkins of Milford.

SCHEDULE OF MAKE-UP EXAMS FOR VARIOUS PHYSICS COURSES.

A special make-up for students properly excused for absence from the prelim of Nov. 24 will be given: Saturday, Dec. 11, 1.30 P. M., in the Physics Recitation Room.

Make-ups for the removal of conditions in Physics 52, 54, will be held Saturday, Dec. 11, 1.30 P. M., in the Physics Recitation room.

Willard J. Fisher.

COLLEGE SORORITIES TAKE NEW MEMBERS

Chi Omega Pledges Nine Girls—Alpha Xi Delta Seven—Pi Alpha Phi Seven A List of Pledges

In accordance with Pan Hellenic rules, the three sororities of New Hampshire College issued their bids Monday, November 22. Following is the list of pledges:

CHI OMEGA.
Clarice Shannon '17 Laconia
Ada Langley '19 Durham
Marjorie Boomer '19 Dover
Louise Richmond '19 Dover
Mary Cressey '19 Dover
Ethel Kelleher '19 Dover
Caroline Perkins '19 Claremont
Sara Greenfield '19 Rochester
Miriam Sanders '19 Granite

ALPHA XI DELTA.
Lucille Gove '18 North Danville
Muriel Chamberlain '19 Bethlehem
Mabel Foster '19 Claremont
Dorothy Hanson '19 Franklin
Alice Kemp '19 Kingston
Madeline Pinkham '19 Dover
Christine Randall '19 Campton

PI ALPHA PHI.
Ruth Stevens '19 Franconia
Christine Sutherland '19 Plymouth
Mary Poland '19 Lebanon
Margaret Baker '19 Littleton
Marion Lewis '19 Littleton
Dorris Dudley '19 Reed's Ferry
Irene Hall '19 Rochester

PROF. E. P. GROVES TO LECTURE AT SILVER BAY NEXT SUMMER.

Prof. Groves spoke with State Superintendent of Public Schools, Henry C. Morrison at the State Normal School chapel Saturday Nov. 20. His subject was "The Teacher as a Social Worker."

Next summer he plans to lecture at the Y. M. C. A., summer schools at Silver Bay, N. Y., and Lake Geneva, Wis., on "Practical Sociology." In 1917 he will instruct in the Summer School at Blue Ridge, N. C.

SHORT COURSES IN AGRICULTURE TO BEGIN MONDAY JANUARY 3.

The "Short Winter Courses in Agriculture," which are offered by New Hampshire College for men and women 16 years of age and upward, will begin Monday, January 3, the program being as follows:

First Week, "Corn and Potatoes."
Second Week, "Orcharding in N. H."
Third Week, "Poultry."
Fourth Week, "Farm Management and Forestry."

The College offers the short courses for the purpose of affording an opportunity for the boys, the young men and the older girls and women on the farms of our state to acquaint themselves with the latest and most approved principles and practices of agriculture. No examination is required to register and a person can take one or two or all of the courses.

The tuition is free to residents of New Hampshire. Non residents will pay a tuition fee of \$2 for each of the one week courses. Board and room will cost between \$5 and \$6 per week. Other expenses, including books, need not exceed a total of \$5, although an allowance of \$10 for the purchase of books to be taken home would be a good investment.

DOVER-DURHAM JITNEY SCHEDULE FOR WINTER.

The Longford truck will leave Dover for Durham at 7.30 A. M., 1 P. M., 4.30 P. M. (12.30 and 1.30 Saturday instead of 1 P. M.)
Leaves Durham: 12 and 4 P. M.
Saturday extras from Durham: 1 P. M., 2 P. M. (Omit 4 o'clock.)

COLLEGE DAIRY A MODEL PLACE

FORD TRUCK ADDS FINISHING TOUCH TO EQUIPMENT

CLEANLINESS AT ALL POINTS

Milk Fills All the Requirements for "Inspected" Milk—Different Processes In Its Production.

To anyone inspecting the college dairy, the most impressive fact concerning it is, perhaps, the painstaking vigilance with which its milk supply is guarded against contamination. The milking is done before the cows are fed, thus preventing the milk from being exposed to the dirt which is unavoidably stirred up in the distribution and consumption of the rations. The flanks, udders, and tails of the animals are clipped to prevent their harboring dust and dirt, and before each milking, the flanks and udders are washed with a damp cloth to remove any dust which may have collected on them. Three men are employed at milking and one at washing the cows preparatory to the operation. The animals are prevented from lying down at milking time by a chain which is fastened across the stanchion, preventing them from lowering their heads sufficiently.

THE MILKER.

Each man who works around the animals is dressed in a white suit while occupied in caring for them; this suit he changes at milking time for a clean one which he wears only while thus engaged. The attendant while milking sits on a metal stool and milks into a heavily nickled pail, having a small opening at the top, and no strainer, which would shelter bacteria. After milking each cow, the milker washes his hands. The time consumed in milking the twenty-three cows now fresh is approximately an hour and a half. The animals are milked at 5 A. M. and at 4 P. M.

RECORDS KEPT.

The milk of each cow is taken into an adjoining room separated from that containing the animals and weighed. The weight of the milk produced by each cow is recorded on a sheet of paper directed off into columns headed by their respective names. From this record the total production per day is easily calculated, and by it any fluctuation in production is disclosed. At the present time, the college herd is producing an average of 550 pounds per day.

CARE OF MILK.

After being weighed, the milk is poured through a cheese-cloth strainer into 40 quart cans, in which containers it is taken to the creamery, where it is again filtered, this time through two layers of gauze between which is a layer of sterilized absorbent cotton, into the covered reservoir of the bottling machine. A case containing twelve bottles is placed on the rack at the bottom of the machine, a lever is pulled, and the case rises. The tops of the four bottles in one row of the case engage the ends of four spouts connected with the reservoir, and push open the valve at the ends, thus allowing the milk to flow into the bottles. When the bottles are filled, the lever is returned to its former position, the case is moved along until the next row of bottles is under the nozzles, and the operation is repeated. After the bottles are filled in the machine, they are capped by hand and a parchment circle securely attached over the top. This parchment covering protects the lips of the bottle from dust or the tongue of any hungry cat, and thus prevents the milk from becoming contaminated when poured from the bottle. After the bottles are capped, the cases containing them are carried to the refrigerating room, and immersed in a tank of ice water where they remain until the time of delivery. In this tank,

Continued on Page 4

"HAM THE HATTER"

The New Hampshire.

OFFICIAL ORGAN OF

THE NEW HAMPSHIRE COLLEGE

Published Weekly by the Students.

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DURHAM, N. H., DEC. 3 1915.

EDITORIALS.

No classes will be held Saturday, December 11.

ANENT CUTTING.

At the University of Michigan but one day was allowed for the Thanksgiving vacation this year. Any who cut a class just before or after the holiday and who were unable to procure a written excuse from the Dean were credited with three absences for each class missed. This would seem a somewhat heroic measure if it were enforced at New Hampshire College, yet something will have to be done to make the attendance at classes just before and after a short vacation a lot more uniform than it is at the present time. In one of the freshman classes here on the Monday preceding Columbus Day there were more than 20 absent, which of course had a demoralizing effect on that class. Admitting then the necessity for the regulation of this evil, we venture to suggest that a rule applying equally to freshmen and upper classmen would cause unnecessary hardship and possibly a feeling of resentment on the part of the latter. It is perfectly patent that the majority of juniors or seniors have a well defined conviction of what they are here for. They will not take cuts without some good reason, as a usual thing, and should not be hedged about by unnecessary restrictions. They should be allowed to judge for themselves as to the expediency of cutting a given subject. A freshman on the other hand, has not had the time to acquire the poise and judgment that will tell him what is for his best interest. His course should be more strictly marked out. With these factors taken into consideration, the cut system would be more satisfactory to all concerned, would it not?

BIBLE CLASSES.

The recent game with Worcester Polytechnic Institute has brought that college and New Hampshire into closer relations; and, as the two institutions have about the same number of students, comparisons of student activities should be in order. Practically all the student affairs at Worcester are under the supervision of the College Christian association. The association directs all social affairs, conducts an efficient employment bureau and what is most remarkable holds twenty Bible study classes. Classes of this nature have been attempted at New Hampshire, but have never seemed to meet with any such success as is evident at Worcester. Yet why shouldn't they? Surely New Hampshire men and women are interested in the fundamental things of life. It is possible that early Sunday School experience may lead students to expect something dry and uninteresting in a "Bible Class" or the name itself, which is often misleading, may deter a few. A Bible class does not mean necessarily a group which is limiting its study to one book. Indeed it is far better to discuss practical problems in the light of Christian and other teaching. Surely New Hampshire men and women would respond

with interest to the things that are of interest to students of other colleges, if the Christian association could secure the right leaders for such association discussions and present the matter properly.

ETIQUETTE FOR COLLEGE MEN.

An unabridged knowledge of the etiquette of every day life truly is of inestimable value to everyone, and the attempt to teach it in the public schools may well be considered with interest. But why shouldn't this instruction be extended to those college students who were so unfortunate as to be deprived of it in their early youth? A man's success or failure in an enterprise is often decided by his deportment. Since the purpose of a college education is to equip him for his lifework, he can't afford to miss acquiring the poise that makes the well bred man. Perhaps, at first thought, the idea of a college offering short courses in etiquette seems petty and even laughable, but what other way is open, except that of bitter experience? As a rule, people expect a great deal from a college graduate and any gross failure on his part to live up to their ideas of what an educated man should be reflects upon his Alma Mater and hurts the cause of higher education. Would it not be worthwhile for the college to offer a series of lectures on etiquette?

CALENDAR OF EVENTS

From time to time alumni and students have suggested that a schedule of coming events be published each week in the New Hampshire. It is argued that the alumni would thus be better able to plan their visits to the college. After careful consideration of the facts, the plan does not appear feasible for the following reasons.

In the first place, it would of necessity be incomplete. Since this paper is a weekly publication, events for a week following any issue would have to be known nearly two weeks in advance in order to be published in a schedule. This excludes most of the minor occurrences, thus making the list incomplete. Because of this fact, it is not dependable and is, therefore, worse than none at all.

Furthermore events important enough to be known two weeks ahead, almost invariably have advance write-ups of a descriptive nature, making a listed schedule unnecessary. Then, if unimportant events can seldom be scheduled ahead, and the important ones are mentioned anyway, why have repetition in a formal list?

SELFISH MUTILATION.

There are individuals in Durham whose selfish disregard of the rights of others arouses a feeling of resentment in the minds of those who make use of the files of daily newspapers in the college library. It is quite exasperating to be looking over a paper for news which is of interest to the student body of the college, and come across a sheet from which an article has been cut or torn out. The ones who are guilty of any such petty thievery deserve no respect from their fellow students. Their action is absolutely unjustifiable. If an article is of sufficient value to them to cut out, they should purchase a paper from its publishers and not mutilate the only copy available for those who patronize the library reading room. The date of the paper makes no difference, as most of the dailies are preserved for reference. It is to be hoped that this cheap practice will be immediately stopped and that the previous offences were due merely to thoughtlessness.

DRINKING FOUNTAINS.

Water is fundamental to life and health. A person can do without food for weeks and not suffer as severely as he would if he were deprived of water for a few days. Physicians say that most people do not drink enough water, and if they would consume several glasses a day they would be healthier. Many people claim to be free from disease and the necessity of using drugs of any sort simply because they drink plenty of nature's thirst quencher. All this is undoubtedly true, yet an up-to-date institution such as New Hampshire College, makes no provision in some of its buildings for alleviating the thirst of the students, many of whom spend hours at a time in those buildings. Conant, Nesmith and DeMerritt halls are without drinking fountains and in some of the other buildings the fountains are not always in working order. Such

an important thing as this should be attended to at once, for surely nothing is of more importance than the health of the students.

BASKETBALL.

A successful football season such as New Hampshire has just had, and the rejuvenated college spirit resulting therefrom should mean an unusual interest in the sport to which the attention of the college is now turned—basketball. With a majority of last year's squad and much new material apparent, and with a coach who has demonstrated to the satisfaction of everybody that he can turn out a winning team, the student body should wax enthusiastic over the prospect for a successful season in the greatest of indoor sports. A squad of thirty or forty men would encourage the captain and coach as nothing else could do. The first home game should see a crowded hall; and the spirit such as was shown at the game in Worcester should be manifested. Let this happen in basketball and New Hampshire will have made a good start toward one of the greatest years in its history.

COMPARATIVE STUDY OF GROWTH OF FORTY COLLEGES IN U.S.

The following are recently published statistics concerning the percentage increase in enrollment at 40 of the best known colleges in the United States. It is to be noted that New Hampshire College has fourth place with respect to percentage increase.

Name	1915	1914	Per cent
Northwestern	5176	4067	27.3
Tufts	1531	1226	24.9
Boston Uni.	2297	1928	19.1
New Hampshire	610	518	17.75
Boston College	527	450	17.1
Uni. of Penn.	6743	6085	10.83
Mass. Agri.	420	416	.97
Bates	473	425	1.13
Bowdoin	399	397	.50
Brown	1032	960	7.5
Bryn Mawr	447	431	3.7
Colby	452	449	.67
Colgate	563	515	9.3
Columbia	6618	6018	9.95
Cornell	5392	5100	5.73
Dartmouth	1472	1392	5.75
Harvard	4756	4558	4.37
Holy Cross	598	571	4.9
Johns Hopkins	914	898	1.78
Lehigh	700	672	4.17
Leland Stanford	2042	1884	3.08
Mass. Aggr.	669	612	9.3
Mass. Ins. Tech.	1882	1818	3.41
Mt. Holyoke	791	799	*1.0
New York Uni.	5869	5194	13.0
Ohio State	4897	5451	*10.15
Princeton	1635	1643	*0.48
Furdee	2107	1988	5.99
Smith	1702	1607	5.92
Simmons	1082	1066	1.5
Radeliffe	635	603	5.3
Uni. of Chicago	4309	3605	10.35
Uni. of Illinois	5302	5173	2.49
Uni. of Maine	1193	1053	12.2
Uni. of Wisconsin	4865	4878	*0.236
Vassar	1122	1120	0.179
Wellesley	1507	1452	3.38
Wesleyan	498	459	8.5
Williams	512	499	2.6
Yale	3303	3289	0.426
Worcester Poly	541	541	

ARTS AND SCIENCE CLUB UNDER PROCESS OF ORGANIZATION.

In response to a call for volunteers interested in forming an Arts and Science club fifty college men and women met on Monday Nov. 22, to discuss the matter, and as a result an Arts and Science Club was organized.

Prof. Groves said that closer co-operation between students and faculty is needed. "It is a valuable thing in the life of the college.

Prof. Scudder mentioned two ideas that had been suggested concerning the proposed club. One was to have the club for a specific purpose with a program furnished by the students for each meeting. It would be primarily to help those who go out to teach and would give training in debates, addresses, original papers and extemporaneous speaking. The other idea was to have presented to the club by outside speakers subjects of interest in connection with the Arts and Science department. Several believed that it would be possible to unite the two and thus make the club very broad.

Prof. Jackson, chairman of the meeting was empowered to appoint a committee to draw up a constitution and by-laws for the club and to present one or two possible lines of activity for the consideration of the club. The committee consists of Professor H. H. Scudder, Phyllis Blanchard, Marion Chase, R. C. L. Graham and Robert McCartney.

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ENGINEERING SOCIETY TO HAVE MOVIE SHOW

Subjects are Fire Prevention, Accident Prevention, Industrial Education, and Manufacture of Silverware

Subjects are fire prevention, accident prevention, industrial education, and manufacture of silverware.

Four moving picture films will be the evening's entertainment at the regular meeting of the Engineering Society, Monday, December 6. Three of the films were produced by the National Association of Manufacturers in co-operation with the Edison company and were loaned to the society by the Manufacturers' Association. The fourth was loaned by the Reed and Barton Co., manufacturers of silverware.

The first film will have to do with accident prevention, showing safety devices for dangerous machinery and showing the risk taken when the safety appliances are not used.

The second takes up fire prevention, showing the ease with which great conflagrations are started, and showing that only a moderate amount of care means protection.

A third deals with industrial education giving striking examples of the benefits of education and the disadvantages of the lack of it.

The fourth goes through the process of the making of silverware. An interesting story with not a few dramatic incidents is woven into each film, thus putting the facts before the audience in a concrete manner that cannot fail to impress the lesson upon all who see the films. Every member of the Engineering Society is invited to be present in the physics lecture room when these films are displayed.

That the moving picture show has proved the most powerful agent for the upbuilding of sound morals in college students was one of the assertions of President Jacob Gould Schurman of Cornell University at the annual banquet of the Cornell Club of Western Pennsylvania held at Pittsburgh in January '14. "In Ithaca," he said, "we have found that the movies are a most potent factor in making manly fellows of our students. It is not like it was a few years ago. Nowadays when the boys have a little time hanging on their hands of an evening they do not organize 'parties' as of old, and go down into 'town' to guzzle beer and shoot pool in some ambiguous emporium. Instead they spend a nickel or ten cents to see a thrilling four reel drama and return home with all the excitement they want."

The students of Penn State College are fighting against compulsory chapel attendance. They maintain that in a State institution a diversity of religious views prevail. Students should therefore not be compelled to attend services against their inclinations.

ORPHEUM THEATRE,

DOVER, N. H.

PICTURES AND VAUDEVILLE.

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NEWSY ITEMS OF THE ALUMNI.

P. C. JONES, '13. ASSISTANT PASTOR IN MERIDEN, CONN.

Other Alumni Become Instructors—Marriage of A. Leighton, '12 Announced—P. C. Gale in Ohio

Since receiving the degree of Bachelor of Humanities at the Y. M. C. A. College of Springfield, Mass., last June, P. C. Jones, '13, has accepted a position as assistant pastor in the First Congregational church of Meriden, Conn. He is directing the religious education in the Sunday school, which has an enrollment of 400 pupils; superintending the boy scout activities and has general supervision of all the work for young people. Outside of his work in the church he is teaching a weekly Bible class in the local Y. M. C. A. and has charge of the religious work at the Connecticut State Industrial School, which is located in Meriden.

C. O. Brown '11, of the Mellon Institute, Pittsburg, Pa., left on Nov. 14, for Arizona, where he will direct some large scale experiments on metallurgical problems.

A. Leighton '12, and Miss R. Courser of Concord, N. H., were married in Denver on Nov. 16. They will make their home in Denver, where Mr. Leighton is employed by the U. S. Bureau of Mines.

P. F. Ellsworth, '09, is now instructor in Electrical Engineering and Descriptive Geometry at the Case School of Applied Science, Cleveland, Ohio. Mr. Ellsworth has been with the Boston Edison Co., for the past three years.

A son was recently born to Mr. and Mrs. H. H. Dickey of Seattle, Wash. Mr. Dickey is a '07 graduate of N. H. C.

P. G. Gale, '13, of Stone and Webster Engineering Corporation is located at Lowellville, Ohio, where he is engaged in the installation of a 15,000 K. W. Electrical Unit.

R. W. Smart, '14 has recently received an appointment as Instructor in Mechanical Drawing and Mathematics in the Plymouth High school, Plymouth, N. H.

A. E. Blake, '10, who was on the chemical faculty at the Carnegie Technical schools, Pittsburg last year is now a Research Fellow in the Mellon Institute. Mr. Blake is engaged in a scientific study of Foundry Problems.

R. B. Scammon, '10, is now first assistant in the office of The Turbine Construction Department of the General Electric Co., Lynn, Mass. This department has charge of the installation and repair of turbines with a capacity of from one to 2500 K. W.

D. Andrew '13, is teaching Manual Training and coaching the basketball and track teams of the high school, Veba, N. D.

J. C. Holden '12 of the Mellon Institute recently made a business trip to Minneapolis, Minn. While there he visited the University of Minnesota and witnessed one of their big football games.

H. E. Wilder '09, is superintendent of a construction gang in Maine, working for the H. P. Cummings Construction company.

W. H. Campbell '09, is local manager of the Washington Water Power Co., of Spokane, Wash., in the town of Lind, Wash.

"THE PRIVATE SECRETARY TO BE PRESENTED DECEMBER 17"

On Friday night, December 17th, The New Hampshire College Dramatic Club will stage its first production, 'The Private Secretary' in the College Gymnasium.

The cast has been coached by Miss Kate Ryan, who has made herself famous as Mrs. Malaprop, in Sheridan's 'Rivals.'

Although an old comedy, 'The Private Secretary' is one of the most popular productions of the day. It abounds with queer situations, and is a laugh from start to finish.

ALPHA XI DELTA GIVES DINNER AND THEATRE PARTY

Alpha Xi Delta gave a dinner and theatre party in Dover on Friday evening, November 19.

The guests were entertained in the afternoon at the homes of Mrs. I. E. Ewer, Mrs. W. A. Morgan, and Mrs. W. H. Finkham.

Dinner was served at Mrs. Morgan's. The dining room fragrant with roses and alluring in its attractiveness proved to be headquarters for surprises, youthful jollity, and delicious edibles. Water color place cards, unique napkin holders, surprise favors, small baskets of nuts and Alpha Xi Delta roses added to the artistic effectiveness of the party. Chicken salad, potato salad, rolls, olives, assorted cake, ice cream, salted nuts and candies were served. A birthday cake adorned by tiny lighted candles was presented to Nellie White, who according to ancient custom tried to extinguish the candles in a breath. Miss White then cut and served the cake. Toasts in rhyme for each one present were charmingly given by Glenora Currier. Mrs. Moran and Mrs. Ewer acted as hostesses, and Mrs. C. W. Scott, first patroness of the sorority, was also present.

After dinner the guests were taken to 'The Birth Of A Nation' at the Opera House, and afterward motored back to Durham. Mrs. R. V. Mitchell acted as chaperon.

The guests entertained by Alpha Xi Delta were: Alice Kemp, Muriel Chamberlain, Mary Cressey, Lucile Gove, Dorothy Hanson, Hazel Shedd, Madeline Randall, Mabel Foster, Louise Richmond and Frances Hoffman.

REV. RALPH CONNER TALKS ABOUT "HOW TO BE HAPPY."

In his address to the students in the gymnasium on Wednesday December 1st Reverend Ralph Conner of Gardner, Mass., chose for his subject "How to be happy." He defined happiness as something that happens, that comes unexpectedly as a sweet surprise, not a pleasure exertion but a universal guest. "In order that a person may be happy," says Mr. Conner, "he must get the right attitude toward life. There are three attitudes that one can take. The first is out and out pessimism, the second is one in which one is afraid to fear and afraid to hope, and the third is optimism." In speaking of how not to be happy Mr. Conner said, "People who are always finding fault with everything and everybody are not happy, neither is their happiness measured by their external possessions, for as a matter of fact it is generally people who have the least that are the happiest." In conclusion he quoted Stevenson's theory of the essentials of happiness—Good health, enough money to spend in a quiet way, and a friend.

DR AND MRS A E RICHARDS ENTERTAIN BOOK AND SCROLL

The Book and Scroll Club was entertained Tuesday evening, November 30, at the home of Dr. and Mrs. A. F. Richards. The poetry and life of Robert Frost furnished the theme for the program which was in the hands of Melissa A. Cilley assisted by Gladys Brown.

The life and works of Frost were discussed by Dr. Richards who also read a poem by his own father entitled 'A Seaside Reverie,' which was contrasted with the poetry of Frost. Unique copies of the poem by Mr. Richards were presented to the members of The Book and Scroll, who sent a letter of appreciation to the author.

After the reading of several of the most dramatic and a few of the simpler poems by Robert Frost, the hostess served ice cream, cake and bonbons and Dr. Richards entertained with songs from his school days at Yale.

The club has been invited to meet again with Dr. and Mrs. Richards on the second Tuesday of December.

Announcements have been received of the marriage of Miss Lillie Amarilla Kennedy to Mr. Stephen Neal Wentworth '09 at Springdale, Pennsylvania. They will be "at home" after the fifteenth of December at "The Maples."

A Progressive plan to put the management of the college annual, the Royal Purple, on a plane with modern commercial activity has been adopted by the Junior class of the Kansas State Agricultural College. An auditing committee will authorize the making of contracts, the purchase of materials, and other financial matters.

GRADUATE SCHOOL HELPS AGRICULTURAL LEADERS

Reasons for Origin—Systematic Courses Offered—Work Conducted by Leading Specialists in U. S. and Abroad

A unique feature in higher education in the United States is the Graduate School of Agriculture held every second summer by the Association of American Agricultural Colleges and Experiment Stations. It had its origin in a demand from instructors in agricultural colleges and workers in agricultural experiment stations who felt the need of reviewing and studying the more recent developments in natural, social, and economic sciences applied to agriculture, as well as in the technical branches of agriculture, under the guidance and with the assistance of those able to deal efficiently with such problems.

At the time the school was inaugurated there was little opportunity in the United States for advanced study in these subjects. The conditions, however, have changed and systematic graduate courses are now offered in several of the leading agricultural colleges. The need for advanced systematic courses in agricultural sciences is therefore largely provided for; however, there is need for an institution such as the Graduate School of Agriculture which furnishes short, many-sided conferential attacks upon fundamental and special problems of agriculture by the leading specialists both in the United States and abroad.

FOUR WEEKS' SESSION.

The school is in session for four weeks; during that time courses are given on various phases of advanced agricultural science, agricultural economics, and rural sociology. Each course consists of 20 lectures and 20 seminars. Each course is usually divided into four distinct parts given in the four different weeks of the school and each by a specialist in his subject. Many prominent and learned men have been members of the faculties: Zunta, Hall, von Tschermak, Ewart, Russell, Marshall, and Darbishire, from European countries, have been on faculties in past years. Mendel, McDougal, Castle, Duggar, Riddle, Sherman, Carver, East, and Harris from institutions not primarily agricultural in purpose, have been included also. In addition to these, nearly all of the men in agricultural colleges in the United States known as specialists on various phases of agricultural work have taken part.

ATTENDANCE

The Graduate School brings together at each session from 100 to 200 men and women from the faculties of the agricultural colleges, from experiment stations, and agricultural and rural workers of various kinds for four weeks of very serious discussion with each other and with the special lecturers on problems connected with advanced work in agriculture. It has proved to be a valuable institution for exchange of advanced thought in these fields and will probably hold its place for many years to come in spite of the addition of systematic agricultural graduate courses in regular institutions.

SEVENTH SESSION.

The Graduate School is under the immediate charge of the Committee on Graduate Study of the Association of American Agricultural Colleges and Experiment Stations. Dr. A. C. True, Director of the States Relations Service of the U. S. Department of Agriculture, has acted as dean since its establishment. The first session was held at the Ohio State University in 1902; other sessions have been held at the University of Illinois (1906) Cornell University (1908) Iowa State College, (1910) Michigan Agricultural College (1912) University of Missouri (1914) The seventh session will be held at the Massachusetts Agricultural College from July 3 to 28, 1916. The three courses to be emphasized are:

- (1) Factors of growth of plants and animals.
- (2) Fundamental problems of intensive agriculture, including agronomy, horticulture, and dairy husbandry.
- (3) Agricultural economics and rural sociology.

This latter course is to be especially emphasized; in addition to the courses given in the Graduate School are others given in the regular summer school conducted by the college.

Professor F. W. Taylor will speak today on "Soil Fertility" and "Corn Growing," at a meeting of the Rockingham County Boys Club in Salem, N. H.



Young Ladies at this time of year talk Good Clothes and Good Shoes for their own wear, still they are very much interested to see Men Well Shod and Clothed.

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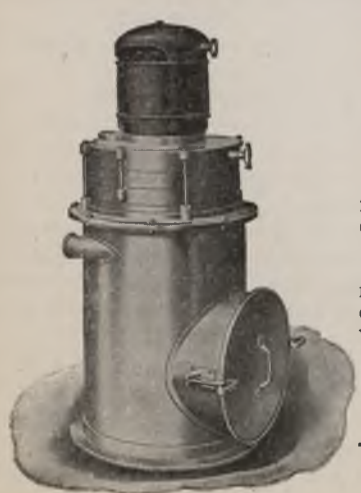
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EXTENSION WORK BY ARTS AND SCIENCE DIVISION

Offered in Form of Public Lectures—Agricultural Division Only Other One Doing Similar Work.

The Faculty Members of the Arts and Science Division are prepared to do a limited amount of college extension work throughout the state in the form of public addresses.

For several years the Agricultural Division has been doing extension work throughout the state in different forms, but this is the first attempt of any of the other divisions in that direction. A list of speakers and subjects is prepared for the convenience of organizations that may desire this college service and it can be obtained by paying only the expenses of the speaker.

SPEAKER AND SUBJECTS.

Correspondence regarding speakers and subjects should be addressed to Ernest R. Groves, Dean of Arts and Science Faculty, Durham, N. H.

Professor Nellie E. Goldthwaite of the home economics department is prepared to speak on the following subjects: 'What New Hampshire College is Doing For Its Girls,' 'Principals of Making Fruit Jellies.'

Professor E. R. Groves of the Department of Sociology has chosen these subjects for lectures:

'Conserving Rural Resources,' 'Freudian Theory of Conduct,' 'Social Significance of Some Interpretations of Nature's Beauty,' 'Antiquity of Man (illustrated),' 'Primitive Sociology—a series.'

Professor C. F. Jackson of the Department of Zoology will talk on:

'Value of Birds to Agriculture,' 'Conservation of Human Energy,' and 'The Relation of Proper Hygiene and Sanitation to Human Efficiency.'

Professor A. E. Richards of the English department will lecture on:

'Shakespeare's Comedies,' 'Charles Dickens,' 'Our English Language,' 'American Poetry,' 'English Composition,' and 'College Life at Home and Abroad.'

Professor C. W. Scott of the history department will discuss 'The Life and Work of Thackeray,' 'Mark Twain,' and 'The Poetry of Longfellow.'

Professor H. H. Scudder of the Department of English will tell about 'The Modern American Newspaper,' and 'Shakespeare and his Time.'

Professor C. L. Simmers of the Department of Education can be invited to speak on the following subjects: 'Play As An Educative Factor,' 'Industrial Education,' 'Sex Hygiene and Education,' 'The Child and the Heroic Myth,' 'Thrift,' 'Moral Education,' and 'School Credit For Home Work.'

Professor G. C. Smith of the Economics Department is prepared to lecture on the following: 'Co-operative Marketing,' 'Co-operative Buying,' 'Rural Credit,' and 'Poverty and Social Unrest.'

Professor Richard Whoriskey of the Modern Language department will give either a lecture or a reading. His subjects are 'The Humanism of Victor Hugo,' 'Personal Experiences in Europe at the Outbreak of the War,' Readings, poetry and Christmas stories.

SIX MEN RETAINED ON CROP JUDGING TEAM AFTER TRYOUT.

Of the original eleven men who have been trying out for the Crop Judging Team, the following six have been retained after the preliminary try out, to continue judging until a later date when at final tryout three will be chosen to represent the College at the Annual Meeting of the Massachusetts Board of Agriculture, in Horticultural Hall, Boston, January 6: H. R. Runnals, S. G. Johnson, W. H. Thomas, C. B. Nichols, E. M. Joslyn, and W. P. Knox.

Today, December 4, these men will attend the Rockingham Meeting of the Boys' Club at Salem, N. H., in order to get practice in corn and potato judging.



If you have stained or soiled your clothes, don't worry, we can remove and dry cleanse them so they will look like new.

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COLLEGE DAIRY.

Concluded from Page One

the temperature of the milk is brought down nearly to freezing and maintained there, thus preventing the few bacteria which have gained access from doing harm. The process of bottling and caring for the milk after each milking requires about two hours.

UTENSILS STERILIZED.

All utensils, such as pails, cans, and removable parts of the bottling machine which come in contact with the milk, are thoroughly washed and then sterilized for one-half hour in live steam in the air-tight sterilizer. The bottles are washed by a revolving brush arrangement driven by steam, placed in the racks in an inverted position, and then subjected to the same treatment in the sterilizer that the other utensils receive. The rooms in which the bottling and refrigerating are done are washed and kept thoroughly clean, and the large base of the bottler is thoroughly sterilized with hot water. The milk is tested for its bacterial content each day.

REALLY "INSPECTED MILK."

The regulations governing the production of 'inspected' milk in the state require that the animals producing it be kept in sanitary stables, that both animals and attendants undergo a medical examination twice a year, and that the milk produced in compliance with these conditions contain not more than 100,000 bacteria per cubic centimeter. The product of the college herd is not 'inspected' milk, but it fulfills all the requirements demanded of the latter.

DISPOSAL OF PRODUCT.

Of the daily production of the herd, 80 quarts are put up in bottles and 160 quarts in 8½ quart cans. These cans are now filled in the morning; it is proposed to fill them in the evening, thus allowing the deliveries to be made with less delay. Quite a little milk is sold to students who come to the dairy during the day and purchase it. All the milk delivered from the college dairy is the product of the college herd. The cream is obtained from outside sources, but, as it is pasteurized, it is as free from any injurious bacteria as is the product of the herd. Delivery of the milk to the 67 customers is efficient by means of a new Ford truck which covers the route of five and one-half miles in two hours. The price of the milk to customers is eight cents a quart or five cents a pint; all quantities over one quart are sold at quart rates. Cream is sold for 48 cents a quart.

1914 NOBEL CHEMISTRY AND PHYSIC PRIZES AWARDED.

The Nobel prize for chemistry for 1914 has been awarded to Prof. Theo. William Richards of Harvard university, for fixing the atomic weights of chemical elements, says a Stockholm dispatch. The prize for physics for the same year goes to Prof. Max Vonloue, of Frankfort-on-the-Main, for his discovery of the refraction of rays in crystals.

COMMANDER OF THE EASTERN DEPARTMENT AS CHAPEL SPEAKER

New Hampshire College is to have the most distinguished visitor of the year, in the person of Major General Leonard Wood, as chapel speaker for Wednesday, December 8. Major General Wood is now the highest ranking officer of the United States Army, being Commander of the Eastern Department; and is a prime mover in the national campaign of preparedness. The college regiment will furnish a military escort to meet him at the train Wednesday morning. Chapel will begin at one o'clock in order that he may leave early for New York where duties call him. His presence here, though only for a limited period, is an honor that has not come to Durham for some time.

Roller skating has become the craze of the hour at Northwestern University. Co-eds and men can always be seen and heard at this sport on the long stretches of concrete sidewalk.

FARM INDEBTEDNESS FROM LAST CENSUS

Mortgage Debt Relative to Farm Value on Decrease—Mortgages May Indicate Prosperity.

The following article, taken from the Saturday Evening Post, is of interest as it gives figures from over a million farms in regard to the average debt of each farm.

'A little more than three-fifths of the farms in the United States are operated by their owners, and a little less than two-fifths by tenants. As to farms operated by tenants, the Census makes no attempt to learn whether or not they are mortgaged; but, as to farms operated by owners, it reports one-third mortgaged and two-thirds free from incumbrance. Probably among farms operated by tenants the ratio of those free to those mortgaged is not widely different.

As to about three-quarters of the farms operated by owners and mortgaged, the Census reports the amount of the mortgage debt—the aggregate being roughly one and three-quarter billion dollars, or twenty-seven per cent of the value of lands and buildings.

If, as seems fairly likely, about the same ratio of indebtedness applies to the other farms that are operated by owners and mortgaged, then we have farm lands and buildings valued at twenty-two and a third billion dollars operated by owners, and mortgaged to nine per cent of the total value.

Farm lands and buildings valued roughly at twelve and a half billion dollars are operated by tenants and managers. No report concerning the incumbrance on them is available. If we wish to assume that they are mortgaged to about the same extent as farm lands and buildings operated by owners, then we may take the total farm-mortgage indebtedness as something over three billion dollars; but that is assuming in a pretty free-and-easy manner.

So far as Census figures show, mortgage debt relatively to value has decreased in twenty years; and the first glance at the Census tables shows clearly that mortgaged farms are no indication whatever of agricultural depression. Iowa has a greater proportion of mortgaged farms operated by owners than any other state, and Iowa is perhaps the most flourishing agricultural state in the Union.

The proportion of mortgaged farms is twice as high in Wisconsin as in New Hampshire; three times as high in Illinois as in West Virginia; ten times as high in North Dakota as in New Mexico—which certainly does not mean that farmers are twice as prosperous in New Hampshire as in Wisconsin, and so on. In many cases a farm mortgage, exactly like a railroad mortgage, means prosperity and expansion.

As to the million and more farms for which the Census furnishes figures, the mortgage debt is but little over a quarter of the value of lands and buildings. The average value of the mortgaged farm is, in round numbers, six thousand three hundred dollars; the mortgage is seventeen hundred dollars; the owner's equity, forty-six hundred dollars. Probably exactness is not to be claimed for these Census figures; but it is a fair assumption that they show approximately the situation.'

GORDON T. NIGHTINGALE '99 WINS CROSS COUNTRY RACE.

The turkey race held Nov. 23 at 4 o'clock was won by G. T. Nightingale, '19. A. B. Whittemore '17 and H. L. Eastman 2 yr., '16 finished second and third respectively. Twelve men entered but only ten finished. The prizes were: first a twelve pound turkey; record, a ten pound goose; and third a six pound rooster. The booby prize was an egg, won by W. C. Wheeler, '19.

The race was conducted by the track department of the Athletic Association under the direction of coaches Cleveland and Woodward. The course was 3½ miles long but as the stop watch went on strike when the race was but half over, the time can only be guessed at. Prof. Cleveland says, though, that the time was as good if not better than has been made this year here.

SEVERAL BOOKS PRESENTED TO NEW HAMPSHIRE COLLEGE LIBRARY

C. Jay French of Boston, formerly a resident of Epping, New Hampshire, recently gave to the library 'The Works of Daniel Webster,' six volumes and 'The Pilgrims' by Frederic A. Noble.