

The New Hampshire.

Vol. 4, No. 22.

DURHAM, N. H. APRIL 2, 1915

PRICE 5 CENTS

SPRING BASEBALL SCHEDULE COMPLETE

SIX HOME CONTESTS AND SOPHOMORE FRESHMEN ENCOUNTER.

GAMES WITH FIVE NEW TEAMS.

Tufts, Trinity, M. A. C., Connecticut State, and Lowell Textile Added to the Varsity Schedule.

Manager R. E. Came has the base ball schedule now complete. Two teams have been dropped, St. Anselm's college and Boston College, and five new teams added; Tufts, Trinity, M. A. C., Connecticut State and Lowell Textile. In all there are 19 games, 6 of which will be played at home.

THE SCHEDULE:

Saturday, April 10, Tufts College at Medford, Mass.

Friday, April 16, University of Maine at Durham, Mass.

Wednesday, April 21, Brown University at Providence, R. I.

Thursday, April 22, Trinity College at Hartford, Conn.

Friday, April 23, Mass. Agricultural College at Amherst, Mass.

Saturday, April 24, Connecticut State College at Storrs, Conn.

Thursday, April 29, Norwich University at Durham.

Wednesday, May, 5, Phillips Andover at Andover, Mass.

Thursday, May 6, Middlebury College at Middlebury, Vt.

Friday, May 7, Norwich University at Northfield, Vt.

Saturday, May 8, Worcester Polytechnic, at Worcester, Mass.

Wednesday, May 12, Lowell Textile school at Durham.

Saturday, May 15th, Worcester Polytechnic at Durham.

Thursday, May 20, Bates College at Durham.

Saturday, May 22, Bowdoin College at Brunswick, Me.

Thursday, May 27, Bates college at Lewiston, Me.

Saturday, May, 29, Rhode Island State at Durham.

Wednesday, June 2, Exeter at Exeter.

Tuesday, June 15, Soph-Fresh. at Durham.

ANNUAL MEETING OF BOSTON MARKET GARDENERS' ASSOCIATION.

F. C. Scherer, who is a member of the Boston Market Gardeners' Association attended the last meeting of the season Saturday, March 27, in Boston. The morning session was spent in visiting the various greenhouses of that section. In the afternoon the annual business meeting was held. The members of the association were entertained for dinner at Mr. Stone's of Belmont. The association does not hold its meeting again until next October or November.

CONNECTICUT AGGIES ASK FOR GAME WITH N. H. TENNIS TEAM.

Mr. Hitchcock has recently received a letter from Connecticut Agricultural college asking for a game with the varsity tennis team and giving several possible dates. Of course our "varsity" team is hardly able to take on a schedule yet but it is hoped that it will be in a condition to do so within a year or two. This game at present is increasing in popularity and it is bound to become a major sport at this institution before long.

A. G. DAVIS '12, APPOINTED AGENT OF MERRIMACK COUNTY.

A. G. Davis, '12 has just been appointed to the position of county agent in Merrimack county. After leaving college Mr. Davis worked on a ranch in Cuba. Later he worked for Prof. W. C. O'Kane on brown tail and gypsy moths. Afterwards he taught at Antrim high school and later at Contoocook high. From Contoocook he has gone to take up his new duties.

J. H. FOSTER DISCUSSES TAXATION OF WOODLOTS

Investigations Show Cutting of Immature Timber to be Result of Increased Assessments—Towns the Losers

Prof. J. H. Foster, head of the department of forestry has just made a report to the state forester and the tax commission in which he calls attention to the dangerous methods of taxing growing timber. He advises against too rapid an increase in the taxes on woodlots. Where increases have been made, it simply means that the town loses money, the owner loses money, and valuable timber that should have been allowed to grow ten or twenty years more is destroyed.

N. H. WOODLOTS STUDIED.

In 1908 Professor Foster, then with the United States department of agriculture, investigated the condition of New Hampshire woodlots, making a careful study of more than 200 of them. An inspection now of these same tracts reveals an alarming state of affairs. Out of 123 just re-examined, 65 have been cut, although the timber on them should have been left ten to fifteen years longer. The owners were obliged to cut because the taxes had been increased. The average increase in assessment amounted to 153%. The increase did not however approach real valuation. In fact, the assessment was about 72% of the real valuation.

INJURIOUS EFFECTS.

The fact seems to be that many owners will cut if there is a sudden tax increase. Who is the loser when the lot is sold and the timber cut off? Prof Foster says the owner is, if the cutting is done before the lot is financially mature and the taxes have not been excessive. The town is in any case, because the assessed value must be reduced after cutting. On only 13 of the 65 cutover lots examined is the present assessed value as high as the very low valuation that prevailed in 1908. The total assessed value on the 65 lots has dropped from \$212,590 in 1908 to \$104,000 in 1914. The town has therefore lost the increased revenue which it sought to gain.

FIVE LOTS ARE EXAMPLES

On five representative lots the towns in ten years lost \$172.58 where the increased assessments caused the owners to cut. Assuming that \$172.58 represents the loss to the town in ten years on an average lot and that one-half of the 65 cutover lots could have been saved for another ten years by maintaining the 1908 assessments, the towns would have gained \$5,008.95 as a result of more moderate taxation to say nothing of what the owners themselves might have saved by increased growth.

Professor Foster declares that an assessed valuation of more than 50% of the actual value on poorly growing lots, or of more than 75% on good growing lots will cause a loss to the owner unless he cuts at once, and that it will always cause a loss to the town if he does cut.

ELEVEN CLUBS FORMED IN HOME ECONOMICS EXTENSION COURSE.

The Home Economics Clubs, formed under the direction of Miss Sarah L. Bates, number 11 at present. All have received their first lesson and several have received their second and third lessons. It is expected that two more clubs will be added next week.

A lecture and demonstration will be held at Harvey's Lake, Northwood, today at 2.30 p. m. The subject is, "Some Reasons for the Study of Home Economics by Fractical Housekeepers," illustrated by a demonstration of the preparation of Cheese outlets, Harvard beets, corn pudding and Durham custard and also by charts of the food value of the ingredients.

A new book-case stands near the door of the librarian's office. This book-case is to be used for the new non-fiction books. There are several on the war and scientific subjects already in it.

U. S. SENATOR MAKES APPEAL FOR N. H. C.

HON. HENRY F. HOLLIS ASKS LEGISLATURE TO SUPPORT PRES. FAIRCHILD

ISSUE BONDS IF NECESSARY.

Letter to Manchester Union Says Every Dollar Asked for by College Should be Appropriated.

A letter from Senator Henry F. Hollis in which he made an appeal to the state and to the legislature to support the needs of New Hampshire College was recently published in the Manchester Union. The letter is as follows: Editor of the Union:

I am hoping by this letter to attract the attention of the state and of the legislature to the very great merits of our New Hampshire State College at Durham. Here is an institution where our boys and girls are given instruction in practical affairs—farming, mechanics, chemistry, and the applied sciences. Education of this character is not an accomplishment; it is a necessity, if we are to keep New Hampshire in the lead in manufacturing and agriculture. Educated working men are economically the cheapest, as well as the best paid. It is the duty of the state to increase the proportion of the best paid labor.

I have been interested in the great work our federal government is doing in aid of agriculture and the mechanic arts. I have visited Durham recently to acquaint myself with the merits and needs of our state college. I am profoundly impressed with the value of the services performed for New Hampshire by President Fairchild and his limited staff.

Our state college receives yearly from the federal government about \$90,000, and from the Thompson fund about \$32,000—a total of \$122,000 annually from sources with which the state has nothing to do. The state legislature is asked this year to appropriate only \$62,000 for ordinary running expenses. An additional \$62,000 is asked this year for a dormitory (an imperative need) and \$54,000 for other purposes which are vital to the success of the college. I am satisfied that every dollar of this amount should be appropriated.

The appropriations committee of our legislature has already cut this amount down \$22,000, and that \$22,000 should be restored. The committee is doubtless actuated by a desire to economize, but it is true economy for New Hampshire to give to every boy and girl who desires a practical education, ample facilities to acquire it at her state college. The present enrollment is 487, an increase of 100 per cent in five years; in five years more the enrollment will doubtless be 1,000.

Through your columns I appeal to the members of the legislature to make adequate provision for our state college. An issue of bonds sufficient to build the proposed dormitory would be amply justified, and I am sure no partizan criticism would be aroused when the object is so worthy.

I believe in holding up the hands of Dr. Fairchild in his great work for the upbuilding of the state.

Henry F. Hollis.

Concord, March 29.

PROFESSOR WHORISKEY ASSISTED IN WORKING UP ATHLETIC RECORDS.

Professor Whoriskey has been ably assisted in working up the athletic records by Maurice Daniels '18, H. J. Griswold '18, R. S. Kennedy '18, Clark Stevens '17, C. B. Tibbetts, '17, A. N. Graham '17 and C. C. Bond '17. The work is progressing and undoubtedly will be completed before the first of May.

PROF. E. R. GROVES SPEAKS AT UNION SERVICE AT MEREDITH.

Prof. E. R. Groves spoke at Meredith last Sunday at a union service of the churches. The subject of this talk was "What Churches Owe Society."

V. S. BLANCHARD OF BATES WILL COACH TRACK TEAM

Was Member of American Track Team Which Competed at Olympic Games in 1912—Begins April 12.

Mr. Vaughn S. Blanchard will coach the track team this coming season. Mr. Blanchard, who is a graduate of Bates and was captain of the track team for two years, has had considerable experience. In 1912 he was a member of the Olympic team which competed at Stockholm. He has completed one year at Springfield Y. M. C. A., college and has coached Hartford High school and Worcester Academy. He turned out a banner team from the latter institution. Mr. Blanchard will take up his duties here April 12., three weeks before the first track meet.

ALPHA ALPHA ALPHA SORORITY HOLDS DANCE IN GRANGE HALL.

The third annual dance of the Alpha Alpha Sorority was held last Friday evening in Grange Hall. The guests of the sorority were: Messrs. Bartlett, Paulson, Sanborn, Fairchild, Degan, Wentworth, Nevers, Reed, Perkins, Pettee, Sanders, Thomas, Whittemore, Lynde, Murdock, Green, Batchelder, Meserve, Garland, Brailsord, Atkin Knight, Thompson and Bond. The party was chaperoned by Mrs. Fairchild and Mrs. DeMeritt.

The hall was artistically decorated with the sorority colors and flowers and banners, while palms and evergreens completed the effect. A feature of the party was a confetti shower during one of the favor dances.

Refreshments consisting of ices, cakes and punch were served during the course of the evening.

Ward and Langley furnished music for the occasion.

PA TAYLOR ACTS AS JUDGE IN INTERSCHOLASTIC DEBATE.

"Fa" Taylor was in Kingston last Friday night serving as one of the judges in a debate between Sanborn Seminary and Nashua High. The schools in the state have competed and five had been eliminated. Sanborn Seminary had the best of the debate, maintaining the negative of the question: Resolved—That naval and military preparedness is a safeguard against war. Lebanon High and K. U. A., are to compete in the near future. The winner will draw lots with Tilton Seminary and Sanborn to ascertain the order in which they will contest in the finals. The debate with Nashua was decided by the judges by a 2 to 1 vote in favor of Sanborn. Nashua was represented by a team of girls and her opponent by boys. We shall probably always wonder whether "Fa" cast the odd vote.

SEVERAL ADDITIONS MADE TO EXTENSION PUBLICATIONS.

The extension department has issued press bulletins on "Hen Manures," "Apples as Root Substitutes, for Sheep," and "Movable Schools." Extension circulars on "Filed Beans" and "Spraying and Thinning Notes," have also been issued.

PRINCE, SCHERER AND LONG SUCCUMB TO FORD EPIDEMIC.

Dame Rumor whispers that Messrs. Scherer and Prince have formed a partnership and are on the trail of the Ford, while Ed. Long of the extension department will soon be navigating a Ford car.

NOTICE.

Any alumnus who would like to become a stock-holder in the construction of the new bleachers for the athletic field, may purchase a plank for the sum of twenty-five cents, money should be sent to R. E. Came, '15. The interest of the alumni in this much needed improvement will be greatly appreciated.

ASSOCIATION SAVES MEMBERS MONEY

POTATO GROWERS COMBINE TO BUY IN CARLOAD LOTS

CHEMICALS MIXED AT HOME.

685 Tons Sold During Past Year—Over \$5000 Worth of Spray Materials—Grass and Clover Seed to be Handled.

The New Hampshire Potato Growers' Association was organized in April 1910, during the Farmers' One Week Course, at New Hampshire College, with the following objects in view:

1. To cooperate in the purchase of chemicals for fertilizing and spraying purposes.
2. To serve as an exchange for seed potatoes.
3. To hold demonstration experiments on potato culture.
4. To encourage potato growing in New Hampshire by whatever means may be deemed advisable.

From sixteen charter members in 1910 the Association has grown to the present enrollment of over three hundred members.

INCREASING SALES.

Year before last 423 tons of chemical fertilizer and nearly \$3000 worth of spraying materials were purchased through the Association. The saving to members ranged from 13% on chemicals to over 60% on spraying materials. The past year 685 tons were sold and nearly \$6000 worth of spraying materials, bringing the total sales to a figure of about \$25,000.

At the Annual Meeting, January 30th 1914 the secretary was instructed to look up the grass and clover seed market, and thus enable members to purchase tested seed at best prices from wholesale dealers.

By using chemicals one saves paying freight on useless "filler" used in mixed goods, also the agent's profit, and is able to mix at home the formula best adapted to his needs.

THE OFFICERS.

Prof. A. J. Gardner, N. H. C., was the first secretary of the association. He was followed by A. S. Colby, '11 of Tilton, who served for two years, then by Geo. Roberts '12 of Alton. At present the officers are D. T. Atwood of Plymouth, president; L. J. Sanderson of Greenland, vice-president and H. W. N. Bennett, M. D., of Manchester, secretary-treasurer.

As a sample of the prices charged this year, the following prices may be cited; Nitrate of soda, 95% pure, 15% nitrogen, \$45 per ton, sulfate of ammonia 24-25% ammonia, \$62, acid phosphate, 14% available, \$11.50. A 4-8-4 complete fertilizer is offered for \$34 and a 5-8-4 for \$37 per ton. The individual buying pays the freight on his order from Lowell Mass., but a cash dividend which the association is able to give usually covers this expense.

Membership is open to all, a fee of one dollar being charged. The college issues a bulletin on the home mixing of fertilizers, which is sent to each member.

LIVELY DEBATE HELD UNDER AUSPICES OF AGRICULTURAL CLUB.

The regular meeting of the Agricultural club was held in the college club room, last Monday night. After the regular business a debate was held on the subject: resolved; That specialized farming as illustrated by vegetable growing, dairying and poultry is better for New Hampshire conditions than is general farming.

The side upholding the negative won and was composed of G. A. Runnals, P. W. Gay and R. A. Norris. The men who argued for the affirmative were F. W. Fitch, J. C. Hadley and W. H. Thomas. Professors W. H. Wolff, and F. S. Prince and Mr. C. W. Stone were the judges. ev. A. Perkins acted as critic of the evening and his report was filled with helpful suggestions flavored with witty side remarks.

The New Hampshire.

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DURHAM, N. H., APRIL 2 1915

AS OUR POET SEES US.

"Oh wad some power the giftie gie us,
Tae see oursils as ithers see us."

(Transposed into the key of "C.")
Oh could we gie oursils the power,
Tae see oursils as we see ithers.

ALL UP FOR A CLEAN UP!

All up for track and baseball!
If numbers will make a good team and all the present candidates stick we will have a fine baseball team; and the same will be true of the track team when the weather gets a little more of the "limbering" quality in its operations on museles. Let the student body support and encourage any man who is honestly trying for either team. Let us back both teams to the limit and see if we cannot "clean up" the rest of the year in athletics.

ALUMNI, WHY NOT?

Our alumni number some good men and women. These men and women are more or less scattered in a great many cases. Nevertheless it is time that some more New Hampshire College clubs were at least projected among the alumni. In some cases they might even be started. Two men and a name are enough for a club any day and if these men happen to be live ones they will seem like seven or eight when connected to the name.

LOOKING BEYOND.

Will it not be nice when we get our new bleachers? It should remind us of the time when we shall have the whole athletic field as smooth and as level as a floor. Bigger undertakings than leveling the field have been carried out by student efforts. It is all a question of how much "get-up-and-get" we possess.

WHAT VISITORS THINK.

Hung around the outside of the wooden railing which edges the running track in the "Gym" are a number of wooden shields, on which are printed various records purporting to be college records. As a matter of fact the records in high jump, broad jump and several other events have been broken since the shields were hung. We of the college have grown so accustomed to thinking of them as obsolete that we do not think much about them in any way; but, to a visitor entering the "Gym" for the first time they are quite noticeable.

The trophy room is another thing which shows neglect. We usually take visitors into it when showing them the college, and at those times we always speak of it as the "Trophy room." To the ordinary person a trophy room signifies a place where the emblems of heroic achievements are kept and guarded with the most jealous care. Picture then a visitor's astonishment on being taken into the unclean, dusty and poorly arranged room which we call our trophy room.

These are two things which should be

taken care of and kept up to date by the proper organization absolutely without fail.

HO, FOR THE DRAMA!

As the college grows there will be an ever increasing number of men who are not interested in athletics, music or like activities to the point of participation. They will have much more spare time than the men who do participate; and it is to be feared, unless some form of occupation is provided, that they will spend all this time in study!

A debating society has been spoken of and even discussed. Such a society would hit a number of men without doubt, but there is another kind of society which would draw girls as well as men. This is a dramatic society.

A few embryonic attempts have been made in past years to start something which would give the students who have aspirations toward the stage a chance. It is truly a pity that all the talent for acting we see displayed every day in the class room and elsewhere should go to waste for lack of an opportunity of expression other than for the surrounding scenery and the few onlookers. Would it not be a good thing to provide a legitimate means of expression for what talent there may be?

Such a means is furnished in nearly every other college or university of consequence. At Amherst, for example, the dramatic society supercedes everything else socially. It takes the place of a glee club, besides fulfilling its own mission. Much time and effort are used up and, beyond a doubt, benefits rare derived in proportion to the individual time and labor put in.

Let us give this question a place alongside the question of a debating society. Possibly, as the years roll by, we will get something started.

OUR SPRING POTE BUSTS FORTH WI. H TOUCHING EPIC ON MUD.

We miss it, Oh we miss it,
That good old Durham mud,
That used to come in springtime
When trees were in the bud.

But this year in late winter
We waded through its slime,
And wished to goodness in our hearts
That it was summer time.

I wonder if the fathers
Of this famous muddy town,
Ever think of their good fortune
"The mud has hardened down."

I suppose they're only grumbling
'Cause the wind, it blows so hard;
And cannot see the happy fact,
"No mud's in their front yard."

But my friends, don't be too forward
With your cheerful line of talk,
Just wait until the frost's all out
And left a solid walk.

Then boost with all your ardor
This town of muddy fame,
That fooled the people in it
Cause the mud so early came.

BRONSON '15 WRITES POEM IMITATES ITALIAN SONNET

The following nature poem, written in sonnet form, was composed by Forrest D. Bronson '15 in imitation of the Italian sonnet form introduced into English literature by Sir Thomas Wyatt about 1530. The Italian sonnet is a poem of fourteen lines, the prevailing meter iambic, and the rime scheme a, b b a, a c c a, d e e d, f f.

The Mountain.

(A Sonnet)

The giant mountain towers above the
glen,
And clouds upon its rocky summit lie,
While thunder spirits 'round about it fly,
Seeking to hide the giant from human
ken.

Seeming to scorn the frailties of men,
The lightning king sends down from his
stronghold

White messengers of death so swift and
bold,
From deep ravine e'en to the marshy fen.
In spite of scarred and cavern-pierced
side,

The Titan rears his head in awful glory.
Oh would that thou could tell us all thy
story,
And of the cen'tries that have lived and
died!

E'en though above thee spread the
azure skies,
Whence thou in all thy glory cannot
rise.

Paramount pictures at the Lyric
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Friday.

NEWSY ITEMS OF THE ALUMNI.

WELL KNOWN ALUMNUS MARRIES AT FRANCONIA

Other Alumni, Their Doings and Successes
—Riford, '14 at Missouri—Robinson
'11 Painfully Burned.

Wednesday, March 17, R. J. McKenzie, 2 year, '14, was married to Miss Gladys Bowles in Franconia, N. H. Mr. McKenzie has been employed as herdsman at Pondeove Farm, Portland, Me., but in April he intends to take up work at home.

John E. Robinson '11, chemist for the Rhode Island Rubber company of Bristol, R. I., was painfully tho not seriously burned by the explosion of a gas furnace in the company's plant.

Mr. and Mrs. B. A. Lougee are the parents of a daughter, Pauline Sylvia, born Feb. 6, 1915. Mr. Lougee '09, is a contractor for electrical equipment and dealer in electrical supplies at Pittsfield, N. H.

C. W. Kemp '11, principal of the Colebrook High school, "Rus" Garland, '14 and Paul Sellers '14, both instructors in Colebrook were in town recently.

Dr. George J. Sargent, B. S., N. H., '09, and Ph. D., Cornell '12, has accepted a position as research chemist for the Michigan Smelting and Refining Co., of Detroit, Mich. His address is 172 Hague avenue, Detroit, Mich. For the past two years Dr. Sargent has been instructor in chemistry at Cornell.

Miss Katharine DeMeritt, '08, is now completing her third year in the Chicago Latin school, where she is teaching French. In her part of the school, there are about seventy-five boys, all from the wealthy Chicago families, who are preparing for college. Most of these young men go East for their college courses. The majority go to Yale University but some go to Harvard, Princeton, Cornell, and to smaller colleges. Miss DeMeritt's principal work is in preparing these young men in French for the college examinations.

L. S. Riford, '14, is enrolled in the Graduate School of the University of Missouri, a candidate for the degree of A. M., in the Department of Dairy Husbandry, which he will receive in June. The Graduate School in Dairy Husbandry has the distinction of being the largest of its kind in this country.

C. H. Brown, 2 yr. '07, was married to Miss Jessie E. Moore of Littleton, N. H., Dec. 26, 1914. For the past seven years, Mr. Brown has been manager of the dairy at "The Raeks," Littleton, N. H., but recently resigned to enter dairy farming for himself at Fremont, N. H.

M. H. ("Spike") Sanborn '07 is manager of Willowdale Farm, Deerfield, N. H. Mr. Sanborn has a fine herd of Registered Holsteins, some of which are A. R., and others to be tested this spring, are expected to make high records. He has recently completed a modern dairy barn, well equipped with all modern dairy machinery for the production of certified milk.

Dalton Boynton '10 who for four years has been connected with the Westinhouse Electric Company at Pittsburg, Pa., and at Boston, Mass., has recently accepted a position with the Edison Electric company at Boston, Mass.

L. H. Bunker '12, who has been employed with the Western Union Telegraph Co., since graduation, has recently been taken from the construction department and is now working as equipment and high tension inspector. He is working, at the present time, on Plant Valuation and will eventually go into the field with the Interstate Commerce Commission's representative, taking inventory and appraisal of the property of the Western Union Telegraph Co.

Thos. C. Bailey, '12 is director of the Manual Training Department of Ludlow, Mass., Public schools, and head of the science department in the high school. He coaches athletics and looks forward to a winning base-ball team. Mr. Bailey finds time outside of his regular duties to aid in the uplift of the social conditions among the young people in his community.

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It has taken the inexperienced farmer a little longer to sort the true from the untrue, the wheat from the chaff, in the maze of confictory catalog and local dealer separator claims, but year by year the ever-increasing proportion of farm separator buyers is reaching the same conclusion as the creameryman—that the De Laval is the only cream separator they can afford to buy or use.

Many other cream separators have

come into the limelight of publicity for a few short months or a few short years, claiming to be "as good as" or "cheaper" than the De Laval, but their users have sooner or later found them lacking in some one respect or another, and even where a few have seemingly done well their users have come to learn that the De Laval was a still better machine.

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The De Laval has triumphed over all other separators, and its supremacy is now almost as firmly established in farm as in factory separators because its separating system, design and construction are essentially different from and superior to other separators.

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Home Made Confectionery Made Daily. Fine Chocolates. College Ices. Delicious Hot Coffee. Ice Cream.

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The most important factor in the matter of dress is the FEELING that your clothes are up to date, that they are properly tailored. Style is also a most important element in a spring suit—the Spring Suit is more closely observed than that of any other season.

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Suits always look well—they always hold their shape. They combine style, beautiful tailoring, perfect fitting and long wear—that's why they excell. And they are distinct and individual. Today is the day to make your selection—the assortment is now complete.

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ARTHUR W. SMITH, '93 PUBLISHES TEXT BOOK

Has Had Entire Work in Electrical Measurements Since First Going to the University of Michigan

Arthur W. Smith, Ph. D., '93, is Assoc. Professor of Physics at the University of Michigan, Ann Arbor. One of the results of continual teaching is the appearance of his new text book, "Principles Of Electrical Measurements," which has received high commendation at the hands of the reviewers and has already been adopted in a number of colleges. Needless to say it is used in his own classes, where it was thoroughly tried out before publication.

ELECTRICAL MEASUREMENTS.

At the University of Michigan there are over seven hundred students in physics, requiring the entire teaching services of fifteen faculty members, and necessitating considerable division of the work. Professor Smith has had the entire work in electrical measurements since 1903 when he first went to Ann Arbor. There are few institutions in the country that offer as complete a course in electrical measurements as that given at Michigan, which extends throughout the year and includes lectures, recitations and laboratory work. Beginning with simple exercises in which ammeters and voltmeters are used, the students are taught the modern methods of measuring resistance, current, electromotive force, and the use of standard cells in the calibration of instruments. In the second semester measurements of capacity, inductance and hysteresis are taken up together with a complete study of the magnetic circuit, and there is some work with alternating currents. Owing to the number of students who take this work the class has to meet in four sections.

RESEARCHES IN HEAT.

Professor Smith has always been interested in research. He has determined the heat of fusion of ice by an electrical method which insured a high degree of accuracy in the measurement of the heat involved; also the heat of vaporization of boiling water by a similar method; and the heat of evaporation of water at ordinary temperatures using a modification of the same method. His results are accepted as the best that have been determined for this range of temperature and are used in the computation of standard steam tables.

STUDIES GASES.

The year 1911-12 was spent in England at the Universities of Cambridge and Manchester for study and work in radioactivity and ionization in gases. At the present time he is working out a new method for measuring the magnetization of iron and steel which promises to give greater accuracy than has been possible heretofore.

F. E. FOLSOM GIVES TALK ON BUSINESS STANDARDS OF TODAY.

"Practicality and efficiency are as necessary in Christianity and Y. M. C. A. work as they are in business," said F. E. Folsom of the F. A. Foster Co., of Boston, Mass., in his talk to the Christian Association men on "Business Standards of Today." A great deal of effort has gone into developing the equipment at the expense of the boy. That is, it seems to be the opinion that, if large buildings with splendid varieties of books, games, and apparatus are provided, the development of the boy will take care of itself, whereas efficient leaders are as essential in Y. M. C. A. work as they are in business undertakings. "Apply your business standards to the spiritual education of young men," was his parting advice.

Miss Carle, a graduate of Burdett Business College, has been enrolled as stenographer to the Extension department of the college.

Paramount Pictures at the Lyric Theatre every Monday, Wednesday and Friday.

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Durham, N. H.

CONICS. DEFEAT TRIGS. IN CHAMPIONSHIP GAME

Spirit of Winners Raised to N—th Power by Score of 18 to 12—Differential Result if Played by Rules of Integration

The Bingville Bugle editor of the New Hampshire has a deadly rival in a big daily. His account of the mathematical championship game between the Trigs and the Conics is a masterpiece of heart-breaking rhetoric that would bring tears to the eyes of the most hardened engineer as he thought of his struggle with math. To show our magnanimity we reprint the article—(You can read it if you want, but it ain't much good.)

ACCOUNT OF THE GAME.

By defeating the Trigs in the last game of the season, the Conics hold an undisputed claim to the Mathematical championship. The score 18 to 12 barely indicates the great measure of successful combinations and permutations devised by the winners. The Conics were positive of winning from the start.

ROUGH PLAYING.

Fatalities marred the game. In the second quarter, Cosine flew off on a Tangent for the Secant time and without a Sine of warning knocked off the mantissa of an opposing logarithm, who contracted a square root and reduced his power to R-X. The referee was heard to say the latter was the "lowest common multiple on the field." Referee Fraction (an impartial person) penalized the Trigs for 20 yards for this irrational act, which penalty was out of the proportion to the offense. It was mean in the extreme.

Between the halves the coaches gave radical instructions to their teams simultaneously. There were prime factors in the result, although their criticism was series.

SOLUTION BY SUBSTITUTION.

In the third quarter, the Trigs substituted Arc-cotangent for Tangent and the Conics were penalized five yards for trying to interpolate. A Function without the referee's knowledge, Variable V reached his limit after scoring for the Conics and was eliminated.

Just before play closed and after the cheer leaders had given their 15th root, Captain Theta got knocked into the third quadrant without having his functions changed.

ACCIDENT TO NON-COMBATANT.

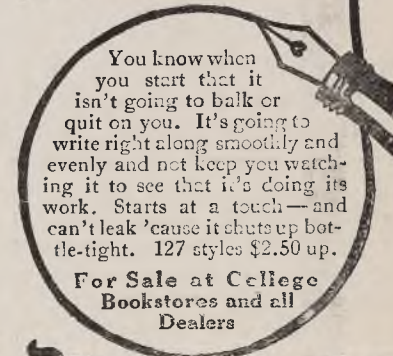
An accident happened also to one of the spectators. An electrical conductor who had just been elevated to the amperage, wandered onto the magnetic field and was knocked out having encountered the resistance of the whole field. He had no idea of watt he was doing and had to be taken home.

GUYER HATS



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Ham The Hatter

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Holeproof Stockings—Guaranteed for Six Months. SIX PAIRS FOR \$1.50.

W. S. EDGERLY, Durham, New Hampshire.

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TENNIS ASSOCIATION ELECTS LIEUT. SUTHERLAND PRESIDENT.

At the meeting of the Faculty Tennis Association, Tuesday afternoon, in Thompson Hall, the officers for the coming year were elected and a discussion was held on the improvement and supervision of the Faculty courts. Lieut. S. J. Sutherland was unanimously elected president of the association and Prof. W. R. Wilson was made secretary and treasurer. It was also voted that hereafter all the members of the faculty would be eligible for membership.

The consensus of opinion of those present was that the courts were sadly in need of repair and that new piping and wire were also necessary. A committee consisting of Pres. S. J. Sutherland and Professors Wilson and Hewitt were appointed to look in to the expense of the required improvements. The result of their investigation will fix the amount of dues each member of the association will be assessed.

Another factor entering into the fixing of the dues is the probable increase in the membership of the association by making the entire faculty eligible.

In previous years there has been some agitation as to the right of the faculty to have their courts reserved for their own exclusive use. This year a set of rules governing the use of the courts is to be drawn up by a committee made up of Pres. S. J. Sutherland and Professors Moore and Smith.

The meeting Tuesday opened at 4.30 with Pres. Steek presiding, Secretary Kendall read the report of the preceding meeting. Adjournment was called at 5.10. Pres. Sutherland will have the committees make their reports at a meeting within two weeks.

Carl A. Feed has applied for the position as football and basket ball coach for the coming seasons.

The site for the new bleachers has been marked out and the committee is ready to receive bids.

APPALACHIAN CLUB MEMBER TELLS OF WORK IN MOUNTAINS.

Harvey L. Sheppard of Boston was the speaker at chapel Wednesday. He told of the history and work of the Appalachian club, confining himself largely to the clubs real estate acquisitions. He illustrated his lecture with a series of slides showing the reservations in the White Mountains and elsewhere held by the club, and he showed views along the many trails. One of the most impressive features was the series of pictures showing the great rhododendrons in the club reservation near Fitzwilliam.

Miss Stanley is giving the freshmen some lectures on Government Documents during the regular English period.

HAVE YOU HEARD ABOUT THE UNION EASTER MEETING?

Special attention is called to the meeting of the Y. M. C. A. for Easter Sunday. In the Chapel in Thompson Hall at 5 p. m., there will be a joint meeting of the men and women, with a special Easter program. Prof. E. R. Groves and Prof. Richard Whorisky will be the speakers. Vocal and instrumental music. Everyone is urged to come and make this a bright snappy meeting.

The Rev. Mr. Fred T. Knight gave an address before the College Y. W. C. A., at their meeting March 25. His subject was "The Young Woman of Today."

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