

1-1913

Lookout, Volume 18, Number 4, January 1913

John W. Pease

Follow this and additional works at: <https://opencommons.uconn.edu/dcamp>

Recommended Citation

Pease, John W., "Lookout, Volume 18, Number 4, January 1913" (1913). *Daily Campus Archives*. 152.
<https://opencommons.uconn.edu/dcamp/152>

Miss Whitney

THE LOOKOUT



Connecticut Agricultural College

Storrs, Connecticut

January

1913

THE LOOKOUT

Connecticut Agricultural College. **POULTRY DEPARTMENT**

| | |
|------------------------|------------------------|
| Barred Plymouth Rocks, | White Wyandottes, |
| White Plymouth Rocks, | S. C. White Leghorns, |
| Buff Plymouth Rocks, | Black Langshans, |
| Buff Wyandottes, | Buff Orpingtons, |
| White Pekin Ducks, | Colored Muscovy Ducks. |

A limited amount of breeding stock and eggs for hatching in season. For information concerning the above and the Special Poultry Courses, address

POULTRY DEPARTMENT, - STORRS, CONN.

**BRADLEY'S
FERTILIZERS**

**THE WORLD'S BEST
BY EVERY TEST.**

**Bradley Fertilizer Works,
BOSTON, MASS.**

**ERNEST P. CHESBRO,
Auto Station.**

*Agent for the BUICK
and OVERLAND.*

RENTING and SUPPLIES.

**1029 MAIN ST.,
WILLIMANTIC, CONN.**

The
NORWICH BULLETIN

**IS THE FIRST DAILY TO REACH
WILLIMANTIC IN THE MORNING.**

In this way all the rural delivery routes through the surrounding towns are thoroughly covered.

THE BULLETIN HAS THE FULL ASSOCIATED PRESS REPORT

which is taken by our own telegraph operator in our office. The news is then set up on typesetting machines, enabling us to print the very latest dispatches each morning.

**SUBSCRIPTION PRICE BY MAIL: 50c. A MONTH, \$6.00 A YEAR.
SEND IN A TRIAL SUBSCRIPTION.**

REMEMBER our facilities for doing..... **JOB PRINTING** *Are of the BEST.*
QUICK WORK AT LOW PRICES.

THE BULLETIN CO., NORWICH, CONN.

Please mention The Lookout when writing to advertisers.

The Lookout

BOARD OF EDITORS

JOHN W. PEASE, '13, *Editor-in-Chief*

GEORGE W. ZUCKER, '13, *Business Manager*

L. H. HEALEY, JR., '15, *Circulating Manager*

Associate Editors

HORACE C. VIBERT, '13, - - - - - *Alumni Notes*

RUBY I. INGHAM, '13, }
ROY C. AVERY, '13, } - - - - - *College Notes*

HOWARD L. TRUEMAN, '15, - - - - - *Department Notes*

LEO MARKS, '15, - - - - - *Exchange Notes*

PUBLISHED MONTHLY DURING THE COLLEGE YEAR

BY THE STUDENTS OF

THE CONNECTICUT AGRICULTURAL COLLEGE

Contents

| | | |
|---|-----------|----|
| C. A. C. DIRECTORY | - - - - - | 74 |
| EDITORIALS | - - - - - | 75 |
| WHAT THE CONNECTICUT AGRICULTURAL COLLEGE HAS DONE AND IS PLANNING TO DO FOR THE FRUIT INTERESTS OF CONNECTICUT | - - - - - | 76 |
| BRIEF SUMMARIES OF ADDRESSES | - - - - - | 78 |
| COLLEGE ORGANIZATIONS | - - - - - | 82 |
| A SELECTED LIST OF NEW LIBRARY BOOKS | - - - - - | 84 |
| COLLEGE NOTES | - - - - - | 84 |
| ALUMNI NOTES | - - - - - | 88 |
| DEPARTMENT NOTES | - - - - - | 89 |
| INTERCOLLEGIATE NOTES | - - - - - | 90 |

Advertising rates on application

Address all letters to Business Manager

Entered at the post-office at Eagleville, Conn., as second-class mail matter

TERMS: One Dollar per Annum

C. A. C. Directory

BOARD OF TRUSTEES.

Governor Simeon E. Baldwin, President, *ex-officio*.
 E. H. Jenkins, *ex-officio* as director of the Connecticut Experiment Station.
 D. Walter Patten, elected by the State Board of Agriculture.
 E. Stevens Henry, }
 G. A. Hopson, }
 L. J. Storrs, } Appointed
 C. A. Capen, Sec'y, } by the Senate.
 C. M. Jarvis, }
 J. W. Alsop, }
 A. J. Pierpont, } Elected by
 H. G. Manchester. } the Alumni.

OFFICERS OF INSTRUCTION AND ADMINISTRATION.

Faculty.

C. L. Beach, B. Agr., B.S., President.
 A. G. Gulley, M.S., Professor of Horticulture.
 C. A. Wheeler, M.A., Professor of Agricultural Engineering and Mathematics.
 H. R. Monteith, A.B., Professor of History and English.
 E. Whitney, Ph.B., Instructor in German. Librarian.
 E. O. Smith, B.S., Professor of Economics and English. Secretary of the Faculty.
 H. L. Garrigus, B. Agr., Instructor in Animal Husbandry. Farm Superintendent.
 G. H. Lamson, Jr., M.S., Professor of Zoology and Geology.
 J. N. Fitts, B.Agr., Associate Professor of Mechanic Arts.
 W. M. Esten, M.S., Professor of Bacteriology.
 J. M. Trueman, B.S.A., Professor of Dairy Husbandry.
 *A. F. Blakeslee, Ph.D., Professor of Botany. Director of the Summer School.
 A. T. Stevens, M.S., Instructor in Horticulture.
 H. D. Newton, Ph.D., Professor of Chemistry.
 E. B. Fitts, Instructor in Dairy Husbandry.
 Maude E. Hayes, B.S., Professor of Home Economics.
 Mary C. Rogers, Instructor in English and Elocution.
 Lillian E. Berry, Instructor in Music.
 S. P. Hollister, B.S.A., Instructor in Horticulture.
 J. L. Hughes, A.M., Instructor in Chemistry.
 W. F. Kirkpatrick, B.E., B.Agr., Professor of Poultry Husbandry.
 H. J. Bower, M.S., Instructor in Agronomy.
 B. W. Wells, Acting Professor of Botany.
 Lieut. W. Goodwin, U. S. Infantry, Professor of Military Science. Commandant.

*On leave of absence.

Lecturers, Assistants, and other Officers.

B. K. Dow, V.S., Lecturer in Veterinary Science.
 C. D. Jarvis, Ph.D., In charge of Orchard Demonstration.
 H. K. Job, A.B., Lecturer in Ornithology. State Ornithologist.
 Elizabeth Donovan, Assistant in Home Economics.
 G. W. Fraser, Florist.
 G. A. Blake, Superintendent of Buildings.
 W. O. Filley, Lecturer in Forestry.
 R. E. Jones, Assistant in Poultry Husbandry.
 J. A. Manter, B.S., Assistant in Zoology.
 Rev. L. G. Rogers, B.A., College Chaplain.
 Helen L. Packard, Manager of the Boarding Department.
 R. Longley, Chief Clerk.

Students' Organization.

President, H. C. Vibert.
 First Vice-President, E. M. Linsley.
 Second Vice-Pres., H. K. Van Guilder.
 Secretary, A. W. Howard.

Alumni Association.

President, O. F. King, '96, So. Windsor.
 Sec., A. W. Manchester, '03, Bristol.
 Treasurer, C. A. Wheeler, '88, Storrs.

Athletic Association.

President, T. A. Earley.
 Vice-President, F. H. Kendall.
 Secretary, T. F. Chipman.
 Acting Treasurer, C. A. Wheeler.
 Assistant Treasurer, _____

College Shakesperean Club.

President, G. W. Zucker.
 Vice-President, E. F. Farnham.
 Recording Secretary, Harold Rowe.
 Treasurer, W. Bailey.
 Corresponding Secretary, A. B. Stephenson.

Eta Lambda Sigma.

Athenean Fraternity.

President, H. A. Brundage.
 Vice-President, D. A. Dibble.
 Secretary, B. P. Storrs.
 Treasurer, H. B. Ellis.

Scroll and Pen.

President, H. L. Trueman.
 Vice-President, L. R. Sanford.
 Treasurer, W. J. Van Wagoner.
 Secretary, C. W. Jewett.

Baseball Team, '13.

Captain, T. H. Keating.
 Manager, R. I. Scoville.
 Assistant Manager, M. R. Young.

Football Team, 1913.

Captain, J. A. Morgan.
 Manager, A. B. Stephenson.
 Assistant Manager, M. K. Cadwell.

Class Presidents.

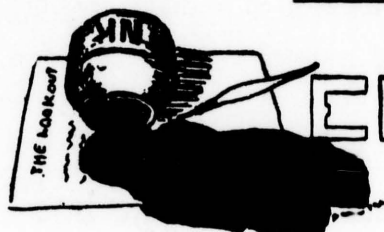
1913, Senior—G. W. Zucker.
 1915, Sophomore—F. H. Kendall.
 1916, Freshman—J. A. Morgan.
 1913, School of Agr.—B. P. Storrs.
 1914, School of Agr.—R. F. Merrill.

The Lookout

VOL. XVIII.

JANUARY, 1913.

No. 4.



EDITORIALS

Most men enter an agricultural college because of their appreciation of the immense possibilities presented to young men who acquire a sound knowledge of the theory and practice of that useful and necessary art. The application of science has revolutionized the entire practice of agriculture. The increasing complexity of modern civilization and the consequent withdrawal of vast numbers from the field of agricultural production have very greatly emphasized the importance of the farmer, and at the same time turned the attention of the country at large to the necessity of better farming as a means to greater production.

Further than this the great number of vocations to which agricultural education leads is an important factor in influencing men in their choice of college. The agricultural college does vastly more than fit a man for farming. The graduate of an agricultural college may become a business man as manager of a farm for himself, or for someone else; he may choose teaching and enter some college as instructor; he may prefer experimentation, and enter the vast field offered by state experiment stations and the federal bureau of agriculture. Any one of these courses is open to a student. Which vocation to choose is the troublesome question. The shaping of one's course to conform to his choice is easy compared to the choice itself. The only sensible course open to such a student, and there are many such, is to improve his every opportunity to obtain an excellent education upon which he may build, and as age and acquired knowledge of his peculiarities, capabilities, and tastes, shall become greater, he will find himself naturally drawn to the work best suited to him.



It is to be regretted that there are no athletic notes this month. Our basketball and hockey sports have not been a success this winter. We look forward with much glad anticipation to our new gymnasium which will mean so much to our athletics. Our basketball can then

be a greater feature of the winter months. Supplied with a suitable floor our really good material can get requisite practice of the right kind.

The hockey season has been spoiled by the openness of the winter. Until the past few weeks no ice has formed to make possible a profitable use of the new rink.

x x x

What the Connecticut Agricultural College has done and is planning to do for the fruit Interests of Connecticut

By Dr. C. D. Jarvis, Director Connecticut Agricultural College,
Extension Service.

ORCHARD DEMONSTRATION.

The work of the college in co-operation with the Society relative to demonstration of the methods and possibilities of renovating neglected apple orchards is familiar to most Connecticut fruit-growers. The work was started three years ago—two orchards, one in Cheshire and the other in Pomfret, being selected for the purpose. These two orchards are now on a profitable basis and the owners and their neighbors have been convinced of the value of the work. Last year another orchard was selected, this one at Bethel. Only about half of the orchard was improved, the remainder being left for comparison. The renovated trees presented a vigorous appearance at the end of the season and a fair crop of fruit is expected next season.

In addition to these three orchards, which we call permanent demonstration orchards, we have given many temporary demonstrations in various parts of the state. Ten of these were given in the spring of 1911, and twelve were given last spring. In these we have simply arranged with a farmer for a one-day meeting in his orchard where we have attempted to demonstrate the methods of pruning, spraying, and so forth. Large numbers of people are reached in this way, but the plan has one weak point, namely, the work is not always followed up, and in such cases there is a tendency to reflect discredit upon the college. The permanent demonstrations, therefore, are more satisfactory, and in the future we shall endeavor to do more of this kind of work. If a temporary demonstration is given, we must have some assurance that the work will be followed up.

THE COUNTY EXPERT.

In co-operation with the United States Department of Agriculture, we hope to establish in each county of the state what may be called a Farm Bureau. Each bureau will be conducted under the direction of an expert agriculturist whose duty it will be to render assistance to the farmers of the county. He will give assistance in the organizing of farmers' clubs, corn clubs, cow-testing associations, co-operative associations, and the like. He will conduct practical demonstrations in crop rotation, soil improvement, farm management, orchard practice, and in many other farm operations. He will co-operate with the rural school and the rural church and any other institution that has for its object the up-building of country life and the promotion of agriculture.

This type of extension work in agriculture has wrought great results in the south and it has been thoroughly demonstrated that it is the most satisfactory way of carrying instruction to the farm. The agricultural bulletins and the farmers' institutes have not reached the masses, and they have not been as effective as was expected. In the future, individual instruction and practical demonstrations are bound to exert a great influence upon agricultural production and prosperity.

THE PLAN.

Experience has shown that it is dangerous to help the farmers too much, for there are many who would allow themselves to be carried along so long as there was anyone to carry them. The purpose of the whole movement is to teach farmers to help themselves. The college and the Department of Agriculture expect to have funds available for this purpose but for the permanent good of the cause we believe that it would be unwise to spend public money in this way unless there comes a demand from the people in several counties. The demand also should be accompanied we believe with an offer of financial support. The farmers can well afford to support such a proposition, but they are not the only class that is likely to be benefited. The manufacturers and the merchants are bound to be benefited, for the prosperity of any rural section always brings prosperity to the towns within its limits. The manufacturers, the railroads and the various chambers of commerce, boards of trade and business men's associations are now seriously considering ways and means by which the agricultural interests may be best promoted.

The plan, therefore, is to call together the various interests in the respective counties of the state with a view of organizing a sort of chamber of commerce for each county. In this way the college and the Department of Agriculture may have some responsible body

with whom they may confer with a view to establishing the county farm bureaus.

Representing both the college and the United States Department of Agriculture, the writer solicits the co-operation of public-spirited citizens in the various counties. The work will require diligent effort on the part of someone in each county, for the initiative must come from within rather than from without. In Fairfield County plans are fairly well under way and it is hoped that the permanent organization will be completed within a few weeks. To take advantage of the available funds of the Department, it is important the organization be completed and an application in not later than June first. Further information will be supplied upon application to the Connecticut Agricultural College Extension Service, Storrs, Conn.



Brief Summaries of the Addresses

Given at the Thirty-second Annual Convention of the Connecticut Dairymen's Association.

THE CONTROL OF CONTAGIOUS ABORTION.

This discussion was began by Mr. F. H. Stadtmueller, Superintendent of Vine Hill Farm, West Hartford. He dealt principally with the building up of a healthy herd. To accomplish this he showed that one thing is certainly necessary, namely, that animals infected with contagious abortion germs must be detected before they have aborted. Fortunately, such detection is now possible through the bacteriological laboratory where certain methods of isolating and recognizing the germs have been recently discovered. The only thing now necessary for the farmer to do in order to receive the benefit of this discovery and subsequent method of detection is to draw with the aid of a veterinarian a small amount of blood from the jugular vein of the suspected animal. This blood sent to some properly equipped bacteriological laboratory, such as the board of health requires, can there be tested, and the animals whose blood tests positively may be separated from those whose blood tests negatively. Within a year or two a second similar test should be made to permit further selection and separation if necessary. In this way a herd of animals free from contagious abortion can be obtained.

At this present time, however, sufficiently well-equipped laboratories are not available to farmers in general and until they are most farmers must resort to other means of lessening the disasters at-

tendant upon the presence of this disease. Much profit will result from immediate separation and isolation from the rest of the herd of those animals which have just aborted or show the well-known signs of approaching abortion. This with the precaution of allowing no strange animals in the stables will materially help to ward off some of those swift rapidly spreading attacks of the disease frequently reported by dairymen.

After a herd has been rendered free from the disease by the use of the bacteriological test, care must yet be taken to prevent re-infection, especially from outside animals. Purchased animals should be confined away from the herd until by testing their blood the animals are conclusively proved to be free from contagious abortion germs. Always disinfect the stable where, in spite of the caretaker's watchfulness, an animal has aborted. It is not advisable to put back into old stables a herd that has been built up in a healthy condition, free from the disease.

After this talk by Mr. Stadtmueller the discussion was continued by Professor Conn of Wesleyan University. Professor Conn gave a history of the study that has been made of contagious abortion. It was very interesting to hear how after much investigation the scientists have discovered the bacillus responsible for the disease and have now obtained a method by which animals infected by this bacillus may be distinguished from those not so infected. Professor Conn stated that such distinction can be correctly made by means of the agglutination and fixation tests, when used together. Although errors may occur in one test, the other will reveal them. The only drawback to a profitable widespread use of these tests is found in the lack of laboratories suitably equipped to carry them out, for they are somewhat delicate and elaborate. While the tests may be successfully made in board of health laboratories, it does not seem right to use for this purpose funds appropriated for other work.

IS CHEESE MAKING PRACTICAL IN CONNECTICUT?

Professor Thom of the Connecticut Agricultural College assumed that anything that can be added to the dietary of the farm home, without excessive cost, in either time or material, and that at the same time can be made from farm products, is of economic value. He then proved that ordinary cottage cheese can be made to be such an article. Again, milk dealers daily find that some milk remains after going their rounds. This milk made into cottage cheese could still be sold to advantage after a market has been made for it, and a market could be easily created. Cheese making as an industry by itself, according to Professor Thom, is not practical in Connecticut.

PROFITABLE SOIL ENRICHMENT IN PERMANENT AGRICULTURE.

Professor C. G. Hopkins of the University of Illinois began his address with the statement that soil enrichment is of great importance, because it is profitable and permanent. The three essentials for the enrichment of normal soils are limestone, organic manures, and phosphorus.

The three principal elements required in the growth of plants are nitrogen, potassium and phosphorus. The normal amount of potassium already existing in the crust of the earth is 49,200 pounds per acre. Most of this vast amount is, however, not available by plants, and is only made available by the action of acids. The acids are present as the result of organic decomposition, which decomposition is possible only when organic matter exists in the soil, in the form of barnyard or green manures. Conversely, the presence of large quantities of organic matter in a soil means the presence of much acid which, in turn, makes available more than enough potassium for the crops growing thereon.

Nitrogen is the most expensive and hardest food to maintain in sufficient quantities in the soil. But by the fixation of nitrogen from the air, where approximately 69,000,000 pounds are found above each acre, by means of nitrogen-gathering plants or legumes, such as alfalfa, clover, and vetch, nitrogen in abundance can be returned to the soil by turning these crops under. Organic matter, desired for the liberation of potassium, will at the same time be supplied the soil. The legumes, unfortunately, will not thrive in an acid soil. Therefore lime must be applied to the soil to neutralize its acidity. The best form of lime to use is natural lime carbonate.

The last necessary plant food, phosphorus, exists in normal soil in amounts ranging from 1,000 to 2,200 pounds per acre. A crop of corn, removing 100 bushels of grain per acre, takes from the soil 17 pounds of phosphorus. At this rate the supply of phosphorus would be exhausted at the end of 130 years. Therefore to insure a permanent agriculture, phosphorus must be put back into the soil. For the farmer raw rock phosphate is the best form of phosphorus for application. Only two things need be guaranteed by the seller—the percentage of purity or its richness in phosphorus, and the fineness which should be so that the particles of phosphate will go through a screen containing 10,000 holes to the square inch.

In this way Professor Hopkins proved that limestone, organic manures, and phosphorus alone are needed to maintain a permanent agriculture: limestone to enable the growth of legumes to supply nitrogen; organic manures to supply acids to make available the

potassium and other mineral elements; and phosphorus to prevent entire exhaustion of this element in the soil.

IMPORTANT FACTORS IN CREAMERY AND DAIRY BUTTER MAKING.

According to Professor Lockwood, of Amherst, Massachusetts, successful butter making depends solely upon the control exercised by the butter-maker. He must have control of the milk from the time it is drawn until as butter it reaches the hands of the consumer. Because the dairyman has better control of the milk he can have better butter than the creamery man. No butter-maker can make good butter from poor cream. After good cream for churning has been obtained, the next most important consideration is the control of the temperature. Upon the churning temperature depends the exhaustibility of the churn, and the fineness of the granules which should be between the size of wheat and corn kernels. It is very important to wash the butter thoroughly to get out all the buttermilk, the presence of which causes rancidity. Buttermilk does not improve the flavor. The coloring added before churning begins varies in amount according to individual taste and the demand of the market. After washing, salt the butter with the best of salt, sifted and dissolved. Avoid excessive working, which causes a dry butter. Right in this one particular Connecticut butter-makers are at fault. Professor Lockwood's experience with Connecticut butter is that it seldom contains over 8% water. Now the law allows 15.9% water. Therefore, the Connecticut butter-maker is losing or literally throwing away five pounds in every 100 pounds he makes. Besides the economical saving in making moister butter, the distribution of salt will be more uniform. After the butter is made, the next important thing is the package, and in this stage of manufacture anything that adds to the attractiveness of the article adds to the price. Thus Professor Lockwood covered what he considered the most important facts in butter making.

THE BUSINESS OF DAIRYING AND THE COLLEGE HERD.

Professor Trueman of the Connecticut Agricultural College explained the inability of the Connecticut dairymen to raise the price of milk as follows:

The work of dairying in the past has not been a business by itself. It has been an adjunct or side issue of the farm. Even to-day the average Connecticut dairy herd consists of but six cows. On farms where from three to six cows are kept, milk is considered as a by-product, and the man who produces such milk as a by-product

is able to sell it for less than the man who makes dairying his sole occupation. The reason he can do this is that the time spent on his three or four cows is not considered of value, since the time is put in before breakfast and after supper. Then, again, he feeds his cows on any roughage that may haply grow about the farm, supplementing it with what corn he can conveniently grow. Thus from nothing in the nature of expensive feeds such a dairyman gets something in the form of milk which at any price is profitable. Statistics show that the bulk of milk supplied the cities comes from these small dairies and it is in these small dairies that foul insanitary conditions exist. Let alone the thirty-cow dairyman, who has to produce a product in competition with other big dairymen, and set the milk inspector onto the little fellows who, because of their carelessness and inferior product, have made milk inspection necessary.

The dairy business has to do with things we have little control over, as the cost of feed, labor, and investment. All these items have increased in value and to offset this some people say that dairymen get four and one-half cents instead of two. They forget that milk has never been sold for what it was worth which, in short, is the root of reasons why the dairy business has never been as profitable as it should be.

Professor Trueman called attention to the items which should be included in any accounting for the dairy herd. It is wrong to say feed is the only cost and that the manure equals the cost of care, labor and shelter. To raise a heifer at the college costs \$75.00. Depreciation can be covered by \$13.00 a year. Labor costs from \$27.50 to \$30.00. Feed costs \$65.00 on the outside. Besides these expenses there is bedding, keep of bull, taxes and insurance to consider.

Professor Trueman mentioned the many things a successful farmer must know. He must know the soil, cows, and how to control himself. He must know how to feed; when animals are sick; he must study the science of breeding. Most of all, he must know men. It requires a high type of man to be a successful farmer.



College Organizations

THE GLEE AND MANDOLIN CLUBS.

At the beginning of the school year the Glee Club started its third season and united with the Mandolin Club, bringing both organizations under one head. Work was begun at once on the large number of men interested in the Glee Club to develop them into shape that they might give excellent accounts of themselves. Under

the instruction of L. E. Berry they have made rapid progress and are getting results for their labors.

On January 17th the Glee and Mandolin Clubs went to Windsor and gave a concert there similiar to the one given there last year. The crowd was larger than last year, which demonstrated that the Windsor people are well satisfied with our work.

On January 24th a concert was given in the College Chapel, where the fine work of the clubs was enjoyed by the faculty and students.

The following Friday evening they gave a very pleasing concert before a very large audience in Plainville. Encores were demanded for every number and a great deal of enthusiasm was shown. The organization has received much praise for its good work.

The concerts given are typical College Glee Club concerts, made to please and be lively. The popular selections are the readings by Mr. Avery, the solos by Mr. Kilmar, and the songs by the quartette, furnishing a varied and interesting concert enjoyed by any audience.

We are still working for a better organization that in time may compete favorably with the Glee Clubs of the larger colleges.

THE AGRICULTURAL CLUB.

Two years ago a number of the students of this college, realizing the need of an agricultural club at Storrs, organized what is now the Agricultural Club. Such an organization had been attempted before but was of no permanency. The organization is associated with similar organizations in the other state colleges of New England, the whole being known as the New England Federation of Agricultural Students. Mr. Harper of our club is Secretary of the Federation.

The purpose of the club is to bring the students together, socially, and to make a study of special phases of agriculture, by means of lectures, talks and papers. Meetings are held monthly, the programs being varied and very interesting. The club also sends judging teams to compete with teams from the other clubs in the federation, both in stock and in fruit judging.

The present membership is forty-nine. It should include every student of Storrs. The dues are one dollar a year. The benefit from the club is immeasurable.

Are you a member? If not, why not? Ask the Secretary about joining the next time you see him, so that you can be present at the next meeting. Look in the library at the cups won by the members of club and you will have inspiration enough to try for one of the teams yourself.

A Selected List of New Library Books

Arizona Nights.—White.

Task of Social Hygiene.—Ellis.

Fire Prevention.—Freitag.

Health on the Farm.—Harris.

From Kitchen to Garret.—Van de Water.

Building Construction.—Kidder.

Radiation, Light and Illumination.—Steinmetz.

Proceedings—1908, 1909, 1910, International Association Poultry Husbandry.

Some of the most important books accessioned during the month of December.



Miss Sarah Stanton recently spent Sunday with Miss Claribel Lewis, of Stratford.



On February 10th the girls of Grove Cottage gave Miss Ruth Newton a pleasant surprise party in honor of her birthday. Miss Packard also entertained Miss Newton on this date.



The officers of the B. G. K. are: President, Miss Dora House; vice-president, Marjory Brewster; secretary, Gene Griswold. The club expects to use the girls' gymnasium as a new club-room. A cake sale and dance were given to obtain money for furniture. Betta Gamma Kappa wishes to thank the student-body and friends who have given support in these activities.



Mrs. Prouty, of Meriden, recently spent the week-end with her daughter, Miss Marilla Prouty, who is a new student here.

The Dramatic Club attended the Colonel's Maid, given by the Stafford High School. Many helpful ideas were obtained, and it is expected that the club will really produce the long-looked for play, February 22d.



Mrs. Beach entertained the stenographers and assistants by giving a whist party.



Mr. Günther has resigned his position as chief clerk and accepted a more lucrative position in Hartford. Mr. Raymond Longley, of West Hartford, is our new chief clerk.



Dr. Currie and Prof. Manter gave a whist party. The first prize was won by Miss Hopson and the second by Mr. Mathewson.



Miss May Gilligan, former stenographer to Dr. Jarvis, is now occupying the position as stenographer to the Secretary of Southern Engineering Company, of Hartford.



A new safe has been established in the registrar's office, so from now on the freshmen may feel sure that their High School records are secure.



Grouch Edition:

How to develop a good fat grouch:

Forget to make your bed some day.

"Sass" the waiter after 15 minutes past the hour.

Try scraping your face with a dull razor.

And if these fail, sit down and write some college notes.



The idea that only three things exist in Storrs, namely: Morning, noon and night, is a delusion and a snare. If you want to verify it, start something.



Voluntary church attendance, February 16th—Seven students. Being good is such a lonesome job.



Ralph Scoville had the pleasure of warming his heels in the cooler in Ag. Hall lately, while taking a compulsory course in cheese investigation. "Cheese it," next time, Ralph.

We regret to learn of the resignation of Mr. Bower from the faculty and wish him success in his future work.



Freshie—"I wonder if it's cold enough to have chapel this morning."



The Military Ball on February 22d is one of the dances of the year which linger in our memory.



Have you met "Rough House Harry" of Storrs Hall?



The College Orchestra drove across country to Hampton on Saturday, February 15th, and gave a concert under the auspices of the Little River Grange. The concert was a success in every way. The leading features of the evening were the readings by Mr. Young, the vocal solo by Mr. Kilmar, and the musical selections by Messrs. Trueman, Graves, and Toomey.



As has been the case within our recollection, the annual mid-year Military Ball stirred Jupiter Pluvius to immediate and copious action. The mysterious force at work in the winter soil, as we are assured by Professor Esten, bestirred themselves and the roads between this place and Willimantic became practically impassable to man and beast, and a sorrow to the auto as well. The usual number of dapper young gentlemen met the customary quota of enthusiastic young women on the romantic platform of the Willimantic station.



The social committee of the faculty is greatly to be congratulated on their success in providing entertainments not only enjoyable in themselves but of a merit far above those usually given in places so difficult of access as Storrs. The concert recently given by the Aida Quartette with Mr. C. Pol Plancon, as vocalist, was particularly successful. The program was a very happy blending of operatic and standard selections. The singing of Mr. C. Pol Plancon was received by the audience with enthusiasm. Encores were freely given and were good naturedly responded to by all the members of the troupe. THE LOOKOUT hopes that this combination may be heard here again. We append the program:

AIDA QUARTETTE AND C. POL PLANCON

NORMA SAUTERViolin
 EDNA WHITE.....Trumpet and Piano
 CORA SAUTERCello
 CLARA HAVENTrumpet

PART I

1. March of the Coronation.....Meyerbeer
 QUARTETTE
2. Aria (from Il Barbiere di Seviglia).....Rossini
 MR. PLANCON
3. FantasieArban
 MISS WHITE
4. Gypsy DanceNachez
 MISS SAUTER
5. My Heart at Thy Dear Voice.....Saint Saens
 TRIO
6. Partrouille EnfantineGillet
 TRUMPET QUARTETTE

PART II

1. Eri Tu (from Un Ballo in Maschera).....Verdi
 MR. PLANCON
2. The SpiderDunkler
 MISS CORA SAUTER
3. CarmenaNillson
 TRUMPET QUARTETTE
4. (a) SerenadePierne
 (b) Spanish DanceMoszkowski
 TRIO
5. March from Aida.....Verdi
 TRUMPET TRIO AND PIANO



The Dramatic Club, the last of the college organizations to present its work to the public, gave, very capably, on Saturday, the twenty-second of February, the play upon which for some time they have been at work. The performance was unusually successful; the play was well within the capacity of the company; the parts were judiciously distributed and faultlessly learned; the actors gave evidence of a thorough understanding of their parts; their training had been evidently sufficient to secure what in football would be called teamwork. The smoothness and excellence of the presentation was in spite of what seemed to the critic the almost insuperable difficulty of insufficient stage and incompetent setting, and in fact emphasized the pressing need of proper stage and accessories to encourage and bring out the capabilities of this most deserving organization. The Glee Club and the Dramatic Club, with the other musical organizations, are among the most valuable aids, not only to the social life, but to the educational sufficiency of Storrs.



Alumni Notes

Perhaps it would be of interest at least to some of our alumni to know that such an organization as the Connecticut Agricultural College Glee Club really does exist, and also that our Glee Club is a good one, one that can give a tip-top concert, and is well liked by those who have listened to its work. However, as our Glee Club is young and not very well known throughout the state, it is a very hard proposition to arrange a schedule. But if the alumni would encourage their townspeople to give us a chance at least, our Glee Club can be relied upon to give a commendable concert.

'09. Mr. George B. Treadwell was married to Mrs. Jennie C. Downs, of Danbury. They will make Georgetown their home, where Mr. Treadwell is engaged in dairy lines.

'09. R. C. Hall is in the automobile business at Danbury.

'10. J. T. Hoff is with the Hudson Manufacturing Company of Boston.

'04. The engagement of Mr. Frederick Ford to Miss Celiae Duel, of Washington, Conn., has been announced.

Ex. '13. Frank Wolverson has accepted a position as a dairy herd manager of a large herd at Summit, N. J.

Ex. '13. James Miller has opened up a new line of business, in which he expounds advice in all branches of agriculture. For particulars, write him at his home in Westward, N. J.

There were only 56 present at the alumni banquet, held at Hartford, February 6th. However, this year's graduating class will probably make next year's banquet a greater success.

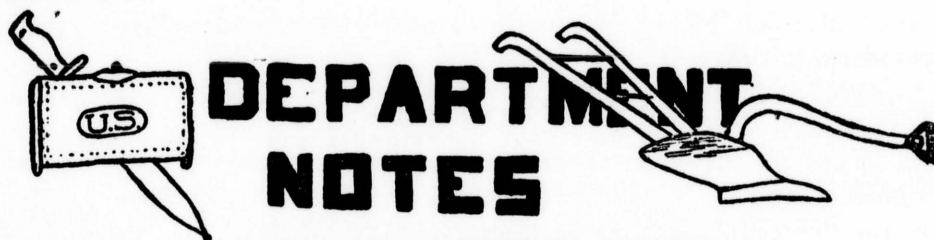
'02. A son was recently born to A. B. Clark, of Norwich, Connecticut.

'05. Mr. Irving W. Patterson, an alumnus, was president of several college organizations, editor-in-chief of THE LOOKOUT, and winner of the first Hicks prize during his stay at Storrs. Later, he

graduated from the engineering department of Brown University and took up his residence at 94 Angell Street, Providence, R. I.

Recently Mr. Patterson was appointed chief engineer of the State Board of Public Roads, to take effect March 1st. He will succeed John Bristow, of Narragansett, who resigned from the service on December 31st, last. The new appointee was formerly employed by the Board of Public Roads from 1905 to 1910 in the office as draftsman and inspector of bituminous construction work of the board.

For the past two years, Mr. Patterson has been in charge of the bituminous road work in New England and Canada for the Texas Company. As chief engineer of the board here, he will have full supervision of the construction and repair work of the entire State highway system and will act in the capacity of consulting engineer. In the appointment of Mr. Patterson, the State highway department gets an official already thoroughly familiar with the Rhode Island system.



FARM DEPARTMENT NOTES.

Three grade steers, two heifers, and the Hereford bull, have been disposed of, the proceeds to be applied to the purchase of pure-bred beef stock. So far, a Hereford calf from the herd of Graham T. Blandy, of White Port, Va., and a Short horn from the herd of Carpenter & Ross, are the only purchases made.

The Hereford has several of the most noted animals of the breed in his pedigree and promises to develop into a very fine individual. He is a grandson of the noted Britisher who was champion of England and America. Acrobat, Beau Donald, Coronation 11th, and Benson, also appear close up in his pedigree.

The Short horn is sired by Avondale, four of whose get won, respectively, the following prizes at the last International at Chicago. Grand Champion Shorthorn bull, first prize two-year-old, first bull calf, first aged cow. He is in fact accounted as having sired more prize animals than any other bull of the breed. The calf is a white one, and while he contracted pneumonia on the trip, he has practically recovered and promises to do well.

The ice house is at last filled with a very good supply of 7½ inch ice, which is considerably better than nothing.

It is hoped by spring to have several acres of land cleared of

wood and brush. As a large part of the land around the college has been left to wild growth, such an action seems necessary.

MILITARY DEPARTMENT.

Lieutenant W. Goodwin has now assumed full charge of the department. Lieutenant Goodwin's coming promises some interesting hours for the battalion as he plans to give us some lectures on the Balkan situation and on the United States Army.

Rifle practice has commenced for the upper classmen in the shooting gallery.

There is to be one complete drill for one company every Wednesday, i. e., giving a drill to each full company every third Wednesday. All freshmen and first year School of Agriculture have two drills and one lecture and minor military subjects every week, excepting the days when the company drills. Cadets who have had one year of drill are to have class-room work on Drill Regulation, Guard Manual, Firing Regulations, and Field Service Regulations, two times a week.

EXTENSION SERVICE.

Dr. C. D. Jarvis has been appointed director of the Agricultural extension for the Connecticut Agricultural College and State Leader for the United States Department of Agriculture. Dr. Jarvis has found it necessary to discontinue his connection with the Experiment Station work. His office is in Whitney Hall, in the room which was the old carpenter shop.

The Extension Department is a co-operation between the college and the federal government. The department expects to publish short extension service bulletins of information from time to time on particular subjects.

x x x

Intercollegiate Notes

The Class of '87 of the Rensselaer Polytechnic Institute, Troy, N. Y., has presented it with a new gymnasium at a cost of \$150,000. The gymnasium has been built and is now in use. It contains a swimming pool 30 feet by 75 feet in size, bowling alleys, rooms for inside baseball, basketball, handball, boxing, wrestling, a squash court and the main gymnasium for general athletic exercise. The building is equipped throughout with the most approved modern apparatus. It is built of Harvard brick with limestone trimmings and is fire-proof throughout.

THE LOOKOUT offers hearty congratulations.

Holstein Fresian Cattle

Herd established in 1880. Calves for sale from advanced registry dams and such bulls as Colantha Johanna Lad, Colantha Johanna Lad's Son, Sir Hengerveld Aaggie Segis.

MAPLE HILL FARM,
WATERBURY, CONN.

Yankee Cow Tail Holders

Makes milking more agreeable.
Keeps milk cleaner.
Does not irritate the cows.
Sure to hold; neat and durable.
Instantly attached and detached, 25c each; 5 for \$1.00.

MAPLE HILL FARM,
WATERBURY, CONN.

ADLARD A. MONAST,
TONSorial PARLOR
PUBLIC BATHS CONNECTED
ELECTRIC MASSAGE

Hooker House, Main St.,
Willimantic, Conn.

Established 1892.

Stephen Lane Folger,
180 Broadway, New York.

WATCHES, DIAMONDS, JEWELRY.
CLUB and COLLEGE PINS and RINGS,
Gold and Silver Medals.

LATHAM & CRANE**Contractors and Builders.**

Dealers in

Paints, Oils, Paper Hangings, Room
Mouldings, Glass, Kalsomine,
Varnish and Brushes.

Outside and Inside Finish, Mouldings,
Brackets and Stair Work,

Steam Power Shops, 159 Valley Street,
Willimantic, Conn.

Rensselaer Established 1824
Polytechnic
Institute

Engineering
and Science

Institute

Courses in Civil Engineering (C. E.), Mechanical Engineering (M. E.), Electrical Engineering (E. E.), and General Science (B. S.). Also Special Courses.

Unsurpassed new Chemical, Physical, Electrical, Mechanical and Materials Testing Laboratories.

For catalogue and illustrated pamphlets showing work of graduates and students and views of buildings and campus, apply to

JOHN W. NUGENT, Registrar.



Gasoline Engines, Spraying Outfits, Ensilage Cutters, Silos and Woodsaws.

Complete Water Supply Outfits contracted for with either Pneumatic underground or elevated tanks.

Write for catalogue.

BOSTON STORE
66 High Street.

Stephen B. Church,
Seymour, Ct.

Telephone Connection.

EIMER & AMEND

205-211 - THIRD AVENUE COR. 18TH ST. NEW YORK

Chemicals. Chemical Apparatus. Minerals, etc.

We carry the largest Stock and Best of everything needed in a Laboratory

IT PAYS TO BE A STUDENT

Economy doesn't mean much to the man who reasons from first cost alone. Economy begins with things more fundamental and the man who seeks these fundamentals is a student.

When students look for fundamentals in materials used for cleaning dairies, their choice is

Wyandotte
Dairyman's
Cleaner and Cleanser

The constant protection which Wyandotte Dairyman's Cleaner and Cleanser gives milk from bacteria, alone makes it next to indispensable to the milk dealer or the maker of butter and cheese. Especially from the standpoint of economy is it indispensable.

Other fundamentals are found in Wyandotte Dairyman's Cleaner and Cleanser's sanitary qualities. Its composition is harmless to the surface cleaned, nor does it injure the hands, or leave anything to destroy the good qualities of milk. Combined with those sanitary properties are its excellent cleaning, sweetening and purifying properties.



Indian in circle
in every package

You can buy Wyandotte Dairyman's Cleaner and Cleanser from your dealer or supply man, with the understanding that it will prove the most economical, otherwise, it costs you nothing.

The J. B. Ford Company, Sole Mfrs., Wyandotte, Mich., U. S. A.
This Cleaner has been awarded the highest prize wherever exhibited.

Murray's Boston Store, WILLIMANTIC, CONN.

This Store in its Winter Attire
presents a complete collection of
every sort of wear things that you
need.

SUITS, COATS, FURS,
DRESS GOODS, UNDERWEAR
and LINENS

As well as Floor Coverings
and Bedding

THE H. C. MURRAY CO.

Please mention The Lookout when writing to advertisers.



What Is Soil Fertility? How Does It Interest You?

WHAT is soil fertility? Why is its lack considered so serious a matter? Why is it that authorities on better farming agree in considering it one of the most important questions requiring solution by farmers today?

The answer is found in the small average yield of farms in this country as compared with those of other countries where correct fertilizing is practiced, and in the rapidly decreasing quantity of available new land. There are two things that every farmer can do, both of which will make his farm more productive. One is to practice a proper rotation of crops; the other to buy and use an

I H C Manure Spreader Kemp 20th Century, Corn King, Cloverleaf

Every farm can be benefited by the use of an I H C manure spreader. It will distribute the manure in an even coat, light or heavy, as may be required. Manure spread in this manner does the most good to the soil at about half the expense and much less than half the work of hand spreading.

An I H C manure spreader is a scientific machine, built to accomplish a definite purpose in the most economical manner. It is constructed according to a well-thought-out plan, which insures the best work in the field with the least strain on machine or horses. To take one example of the thoroughness in detail, all I H C spreaders are so constructed that a reach is unnecessary. This construction allows the spreader to be managed handily in small feed lots, backed up to barn doors opening into narrow yards, or turned completely in its own length. Yet the absence of a reach in no way interferes with the strength or field efficiency of the machines.

See the I H C local dealer or write for catalogues and information.

International Harvester Company of America

Chicago

(Incorporated)

U S A

IHC Service Bureau

The purpose of this Bureau is to furnish, free of charge to all, the best information obtainable on better farming. If you have any worthy questions concerning soils, crops, land drainage, irrigation, fertilizer, etc., make your inquiries specific and send them to I H C Service Bureau, Harvester Building, Chicago, U S A



A Farmer's Lumber Yard.

2,000,000 Shingles Constantly on Hand.

Also 2,000,000 Barn Boards

At the Lowest Possible Prices.

Office and Yard:

88 Church St., Willimantic, Conn.

Willimantic Lumber & Coal Co.

P. J. TWOMEY, Yard Manager.

SANDERSON'S SPECIAL FORMULA FERTILIZERS

For all Crops.

SANDERSON Fertilizer & Chemical Co.

Office and Works, West Haven, Conn.

Post Office Address,

Box 172, New Haven, Conn.

Send for Circular.

NO MORE RABBITS If you want a cheap, simple, absolutely sure way to keep EVERY Rabbit and EVERY Borer out of your orchard, paint your trees with "SULFOCID" the new concentrated sulphur compound. Simple to prepare. Cheaply and easily applied. One application will last for six months. Absolutely certain. "SULFOCID" will solve the rabbit problem. Write TODAY for booklet, "SULFOCID—Sure Protection from Rabbits and Borers." Address B. G. Pratt Co., 50 Church St., N.Y. City.

NO MORE BORERS

D. P. Comtois

814 MAIN STREET,
WILLIMANTIC, CONN.

Dealer in

HOUSEFURNISHINGS

KITCHEN UTENSILS

Crockery and Glassware

MODERN

Steam Carpet Cleaning and Rough Dry
Family Washing, as well as Our
Famous Shirt and Collar Work,
is Sure to Please. Prices Right.

**Maverick Laundry and
Carpet Cleaning Works,**

828 MAIN ST., WILLIMANTIC, CONN.

Opp. Hooker House.

Please mention The Lookout when writing to advertisers.

J. F. CARR & CO.

**Combination
Clothiers,**

Hatters and Furnishers.

744 Main Street, Willimantic, Conn.

THE WILSON DRUG CO.,

Established 1829. Incorporated 1904.

Wholesale and Retail Druggists.

723 Main St. WILLIMANTIC, CONN. Opposite Depot

Eastern Connecticut's Leading Drug Store.

D. C. BARROWS,

DIAMONDS, WATCHES AND JEWELRY.

Optical Goods, Eastman Kodaks and
Supplies, Butterick Patterns.

Willimantic, - - - Conn.



Buffalo Brand Fertilizers

The Plant Foods that are Making Good

Otherwise how would you account for our marvelous continuous growth, as follows:

1904 Shipments, 24,675 Tons. 1906 Shipments, 47,245 Tons.
1905 Shipments, 36,250 Tons. 1907 Shipments, 55,260 Tons.
1908 Shipments, 58,364 Tons.

Our prices are always reasonable.

Write for our Catalogue and Handy Vest Pocket Memorandum.

THE BUFFALO FERTILIZER CO., Station A Buffalo, N. Y.

The Leonard Prescription Pharmacy. Prescription Specialist,

780 Main St., WILLIMANTIC, CONN.

WILL MAKE HENS LAY.

"HEN-E-TA"

SOMETHING TO CROW ABOUT

ABOUT 30% PURE BONE ASH

NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED

NO MORE BONE CUTTERS NEEDED

NO MORE BEEF SCRAPS NEEDED

NO MORE CHARCOAL NEEDED

NO MORE OYSTER SHELLS NEEDED

WILL MAKE CHICKS GROW.

VALUABLE BOOKLET FREE

100 lbs . . \$2.25

500 lbs . . 9.00

Balanced Ration Formulas Free

If you will give us your dealers name and address.

HEN-E-TA BONE CO.

NEWARK, N.J. DEPT. FLEMINGTON, N.Y.

PATRONIZE...

MURPHY BROS., Livery and Feed Stable.

Double and Single Teams at your service.
Telephone 176-4. WILLIMANTIC, CONN.

Successors to WILLIAMS.

THE NEW YORK QUICK LUNCH ROOM,

STEARNS & ROSEBROOKS, Proprietors.

7 Railroad St., Willimantic, Conn.

THE
BEST
AT A
SMALL
PROFIT,
NOT
TRASH
AT A
SMALL
PRICE.

H. E. Remington
& Co.,
CLOTHIERS
and
OUTFITTERS,
Willimantic,
Conn.

**PATRONIZE
OUR ADVERTISERS**

THE A. C. ANDREW MUSIC CO.,

Headquarters for Musical Goods of every description, Standard and Popular Sheet Music, Talking Machines and Records. High Grade Pianos for cash, exchange, or on easy payments.

804 and 806 Main St., Willimantic, Conn.

THE PLIMPTON MFG. CO.,

Envelope and Blank Book Manufacturers, Printers and Engravers,
HARTFORD, CONN.

Please mention The Lookout when writing to advertisers.

GREENHOUSES

Our business is manufacturing and building greenhouses—and their equipment—nothing else.

Greenhouses for every conceivable growing purpose.

We erected those at the Storrs Agricultural College.

If interested, send for Private Greenhouse Book, or our literature on commercial houses.

LORD & BURNHAM COMPANY,
1133 BROADWAY, NEW YORK.

John C. North,
Insurance Specialist,
NEW HAVEN, CONN.

We are equipped to care for insurance of all kinds. After many years of experience (Established 1843) can guarantee to cover you right. Our "Full Armor" proposition is worth your consideration. It leaves no loop holes. **Advice Free.**

Write or telephone.

The compass always directs you NORTH.

TURNER'S STABLE.

Established 1857.

LIVERY AND BOARDING.

Large sheds and yard for hitching and feeding horses. Pleasant waiting room for ladies.

A. W. TURNER (Near Opera House),
767 Main Street, - Willimantic, Conn.

The Lincoln & Boss Lumber and Coal Co.

Lumber, Coal, Insurance,
and Fidelity Bonds.

Telephone Connection. 50 North St.

PRATT'S

"SCALECIDE"

Will positively destroy SAN JOSE SCALE and all soft bodied sucking insects without injury to the tree. Simple, more effective and cheaper than Lime Sulphur. Not an experiment. ONE GALLON MAKES 16 TO 20 GALLONS SPRAY BY SIMPLY ADDING WATER.

Send for Booklet, "Orchard Insurance."

B. G. PRATT CO., 50 CHURCH ST., NEW YORK CITY.

Please mention The Lookout when writing to advertisers.

THE LOOKOUT

Your Wants in the **JEWELRY**

LINE WILL RECEIVE PROMPT
ATTENTION AT

J. C. TRACY'S
No. 688 Main Street, WILLIMANTIC.

Dr. HERBERT E. F. TIESING,
Surgeon Dentist,
Shea Block, Willimantic.

The Hurley-Grant Co., 704 Main St., Willimantic.
Dealers in

**BUILDERS' HARDWARE
BASEBALL GOODS**

The REACH Line.
The REACH mark is guarantee of quality.
Let us show them to you.

Kuppenheimer Clothes

LAMSON & HUBBARD HATS
EAGLE SHIRTS

Furnishing Goods of all sorts in the
Latest and Newest Designs

H. L. HUNT CO.
Willimantic Conn.

W. L. DOUGLAS
and the
RALSTON SHOES

Sold in Willimantic by
W. N. POTTER, No. 2 Union Street.

Martin's Studio,

702 MAIN STREET
Opposite Murray's Boston Store
Willimantic, Conn.

Ground Floor. Sittings Day or Evening.

Artistic Photography

in UP-TO-DATE STYLES.

Framing Department Connected.

ALSO COMPLETE LINE OF
PHOTOGRAPHIC SUPPLIES.

HENRY FRYER Merchant Tailor.

Full line of Foreign and
Domestic Woolens.

Latest Styles and most Fashionable
Designs,

672 Main Street, Willimantic, Conn.

Fashionable **FOOTWEAR**

The Union Shoe Co.,
CHAS. F. RISEDORF, Treasurer,
WILLIMANTIC, CONN.

"WALK OVER"

and a whole lot of other good shoes. We
carry the widths and sizes that will fit your feet.

THE BRICK-SULLIVAN SHOE CO.

738 Main Street, Willimantic, Conn.

JORDAN HARDWARE CO.

Builders and General Hardware.

Mechanical and Agricultural Tools and
Cutlery of every description.

Call and inspect our line.

664 Main Street, Willimantic.

SAMUEL CHESBRO

APOTHECARY.

Huyler's Candies, Perfumes, Cigars,
and everything in the Drug line.

S. CHESBRO. WILLIMANTIC, CONN.

J. C. Lincoln,
*Furniture, Carpets, Stoves,
Crockery, Wall Paper,
Curtains, Bedding, Etc.*

Junction Main and Union Sts.,
WILLIMANTIC, CONN.

DRY GOODS and GROCERIES

OUR MOTTO:

To give our customers the very
choicest goods and to make the
prices as low as consistent with
good quality.

H. V. BEEBE,
STORRS, CONN.

Please mention The Lookout when writing to advertisers.

The Connecticut Agricultural College

Storrs, Connecticut

Four-year course in agriculture designed to train young men as scientific farmers, teachers, and agricultural experts. Open to those who have completed two years' work in high school. High school graduates take this course somewhat modified, and receive at graduation the degree of B. S.

Two-year course in the school of agriculture for those who have not the preparation, time, funds, or inclination to take the four-year course. Open to those who have completed the work of the common school.

Two-year course in the school of mechanic arts. Two years of high school work, including elementary algebra and geometry, required for entrance.

Two-year course in the school of home economics. Open to young women who have had a common-school education.

Short winter courses in agriculture.

Summer School of agriculture and nature study.

Recent appropriations will provide additions to lands, buildings and equipment now valued at nearly a half-million dollars. Expenses low. No tuition charge to residents of Connecticut. No room rent. Military instruction. A catalog will be sent upon request.

CHARLES LEWIS BEACH,

President.