THE LOOKOUT

CONN. AGRICULTURAL COLLEGE

STORRS, CONNECTICUT

DECEMBER

1908
Connecticut Agricultural College,
STORRS, CONN.

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Published monthly during the college year

By the students of

THE CONNECTICUT AGRICULTURAL COLLEGE

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Advertising rates on application
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With the increase in the student body there is also a corresponding increase in the size of the military company. That body now numbers one hundred and ten, including the band of eleven men. In their new uniforms they make a pleasing sight assembling in front of the main building or marching about the campus.

The benefits derived from military drill are often underestimated. A moment’s reflection will show that it is or should be an important factor in education. The erect and graceful carriage resulting from military training; the habit of instant obedience to orders; the ability to move in harmony with others; self-restraint; these and other equally desirable results are best obtained from military drill.

Some of our students gain; and to them the drill, aside from possible advantages in case the country should need their services in war, is of real, substantial value.

Too many of our number enter upon this branch of work with a careless or reluctant spirit. Such men not only deprive themselves of the benefits arising from training, but by their uneasiness and tendency to disregard the strict rules of military conduct introduce an element of disorder, and eventually become a detriment to the company.

In city parks and on many private grounds one sees the sign, “Keep off the Grass.” Here at Connecticut no such order adorns the lawns. A system far more effective, although not so ornamental is used. If a path is being made from one building to another and the grass shows the effect of the trampling of many feet an impenetrable fence is speedily erected. Such a fence adorns the campus in front of the main building. This fence is made of three different kinds of wire, is guaranteed to stop anyone from a Freshman to a Senior or a Professor. A small barberry or some other prickly hedge would be just as effective, and far more ornamental and pleasing to the eye.

Now that the season for snow and mud are here the students of Storrs Hall appreciate more than ever the walk from the hall across the road. No more wading;
the only regret is that the walk does not extend to the main building. Let us hope that we may soon have it.

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FOOTBALL. The football season for 1908 is ended. No more hurrying from classes to get to practice. No more sacrifice of other pleasures to pound one another on the head. The season has been a most successful one, although we lost the game of games. Through the generosity of the Alumni we have been able to have a regular coach and for this we thank them. The team has shown what it can do when trained by a man who can give his whole time to it. If each one of the Alumni should endeavor to send at least one athlete to the College each year we could put out a team that would make a name for Connecticut in the athletic world. For already we are playing strong college teams.

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Outlooks

How dear to our hearts are the scenes in the hallway
As out from the grub hall we rush in a horde.
The hat rack, the stairway, the students about them,
And last, but not least, the dear bulletin board.

What memories, what incentives, what words of comfort and cheer intermingled with little stabs of regret or indignation may we trace to this public fountain of fact and fable. As our forefathers in days gone hastily left their work or recreation, at the sound of Ye Towne Crier’s bell and gathered to hear the news of the day, so we, when meals are over, gather about the bulletin board to find out who has been wicked and must needs pace up and down the campus next Saturday morning with a gun over his shoulder. Here, too, we may learn who has lost his fountain pen, or how much it costs to fry an egg. We may discover who the artists are among our green and white freshmen; and threats of vengeance if various members of that same class do not come up with the cash for class dues are also on exhibition. Then, lest we forget, there is the schedule of all the classes so that no one shall have an excuse for skipping. Indeed, insignificant as it may seem, the bulletin board plays an all important part in the drama of college life.

Corrections and additions are at all times visible on the various notices, some really humorous and others apparently so intended, but falling short of the mark. May we show respect to our professors and others using the board by refraining from these bursts of humor,
or, if that is impossible by using a separate card for our jokes; or, better yet, by sending them in to the editor of the Lookout for publication.

Thanksgiving is over and gone, and even the resulting aches and pains are already forgotten. Hardly have we had time to look about us or to sing, Storrs Again, when we find ourselves counting the days to Christmas. Hoping that each and all may find large stockings filled to the brim, we wish our readers a very merry Christmas and a Happy New Year.

A CATASTROPHE.

Commandant,
   Tall and slim,
Went out driving—
   Took a swim.
Horse got frisky—
   Took a jump.
Deac and wife
   Got a bump.
Water cold
   Through the ice;
Wife said that
   It wasn't nice.
Out they waded
   Cold and wet
Horse and wagon
   Did not get.
Someone rescued
   Horse and buggy.
Horse was frightened
   Wagon muddy.
Deacon says
   Goodby to horses.
Next time he rides
   He uses—the stage.

Alumni Notes

'08. According to common report the class of 1908 had an agreement to the effect that the first one of their number to marry must treat the rest of the class to a dinner. Whether there is any truth in the rumor we do not know; but if such an agreement was made there is no doubt on whom the penalty must fall. On Mon-
day, November 16th, C. W. Bonner entered the bonds of matrimony. The bride was Miss Marjorie Helen Barrows, of Hartford. The ceremony took place at the home of the bride. O. P. Burr, '08, acted as best man. Among the other alumni present were: C. B. Barnard, G. M. Stack, A. E. Webster, '08, and E. M. Stoddard, '07.

'07. Earl Bemis has accepted a position as farm manager in Farmington.

'06. One of the dairy students of 1906, Charles Jacobson, visited the College recently. Mr. Jacobson's brother has purchased the Farrell place overlooking the College from the north.

'02. We thought the class of 1902 was peacefully slumbering—perhaps it was, but it is not now. In a recent issue we announced the engagement of Professor G. H. Lamson; now we have two more winged birds on the list. The engagement of Lester F. Harvey to Miss Laura B. Averill of the summer school of 1906 has just been announced. Since graduating from the Connecticut Agricultural College Mr. Harvey has been conducting a farm at Romford, Conn. Miss Averill is the sister of R. J. Averill, '03, and daughter of Hon. H. O. Averill, the State Cattle Commissioner.

To go along with this comes the news that George H. Hollister has become engaged to Miss Abby M. Hicks. Mr. Hollister has been employed by the State Bureau of Entomology, while Miss Hicks has been the efficient music instructor at Storrs for more than a year. The class of 1902 is surely wide-awake. The LOOKOUT extends heartiest congratulations.

'95. Mr. A. E. Shields has been elected to the next legislature.

Valuable additions to his herd have been made by A. J. Pierpont, in the shape of stock from the Dutchland farm of the Field Brothers, Brockton, Mass.

'91. Mr. H. G. Manchester has been at Washington, D. C., attending a meeting of institute workers.

'90. C. B. Pomeroy visited the Mansfield Grange a short time ago in the capacity of deputy from the State Grange.

'88. At Wesleyan, on November 14th, C. A. Wheeler was elected President of the Connecticut Mathematical Teachers' Association.

C. H. Savage has been elected a member of the next general assembly from the town of Mansfield.

Some of the alumni attending the Rhode Island football game were: Purple, Barnard, '08; Murphy, Wemett, '07; Latimer, Harris, Stevenson, E. N. Gallup and G. H. Gallup. Also, Dewey, '05; Pomeroy, '90; E. B. Fitts, '93; H. L. Garrigus, '98; J. N. Fitts, C. J. Grant and Grace E. Seage, '06.
EIGHT grade short-horn steers from Northern Vermont have been purchased and may be seen at the barn. These will be used by the dairy class the coming winter for judging and work in animal husbandry.

The department recently sold a pure-bred Holstein calf to C. L. Harris, Hope Farm, Burbank, N. J. Mr. Harris was a student here last year. The calf is a grandson of Minnie Hark, a famous cow that made twenty pounds of butter-fat in one week.

That the poultry men are, in measure, interested in the dairy industry is shown by the fact that Mr. H. L. Hamilton, Secretary of the Poultry Association, Ellington, Conn., bought a pure-bred Guernsey calf of the Dairy Department, a short time ago.

Mr. H. S. Lyman traded a twenty months' old Holstein heifer with the Department, for a yearling Holstein bull. Mr. Lyman's home is at Talcottville, Conn.

POULTRY.

The College flock has been materially strengthened, both as concerns utility and showing, by the addition of several excellent pens of new stock, secured from prominent poultry farms of New England and New York. These pens consists of the following varieties: Barred Plymouth Rocks, both cockerel and pullet matings; White Plymouth Rocks, White Wyandottes, Single Comb White Leghorns, Rose Comb Brown Leghorns, and Black Langshans. In every instance these birds are from stock that has been bred in line for many generations and will be used as a foundation of the College flocks of these varieties.

Trap nests are being put in every house, so breeding operations of next season may be carried on accurately. By the use of these nests, pedigree trays on the incubators, toe punches, leg bands, etc., it will be possible to know the parentage, both sire and dam, of each chick.

The Department is actively engaged in preparing for the Short course which opens January 5th and continues for six weeks. Many important changes will be made from last winter.
THE LOOKOUT

Locals

THIS fall, contrary to the usual custom, the Junior Rhetoricals were the first to be given. The following programme was carried out: Readings by Miss Beers, Messrs. Ashcraft, Close, Hale and Emmons. Debate: Subject, Resolved, “That the United States Government should control the railroads of this country.” The speakers for the affirmative were: Scofield, Jennison, and House; for the negative: Hall, Barnes, and Hendryx. Judges: Gamble, Parsons, and Whitehead. Critics: Affirmative, Lockhart; negative, Rich. A character sketch, “The Crystal Gazer,” was given by Miss Smith and Miss Edna Jackson.

“Shall we have someone tell fortunes?” And a voice from the corner replied: “No, it isn’t fair to have one girl do all the holding hands.”

This was overheard on the tennis court one Tuesday afternoon:
Hungerford—“What time is it?”
Friend—“Five o’clock.”
Hungerford—“Whew! I must go in, for it takes me a hour and a half to get ready to go to the Cottage.”

October 31st the young ladies gave their annual Hallowe’en party at the Cottage. Jack-o-lanterns were the principal feature of the decoration. A great many weird, ghostly, grotesque, and amusing personages made their appearance, and the grand march was as fantastic as anything we have seen for some time. Eight forty-five was the time set for unmasking and after this all enjoyed dancing to the music furnished by Messrs. Godfrey and Lockhart.

“Say, kid, you musn’t say hiccough any more.”
“What shall I say?”
“Say spasmodic convulsions of the diaphragm.”
Horton—“I waited on twenty-eight summer school girls!”
Listener—“Did they give you any tips.”
Horton—“Yes! Look at this tie!”
Professor—“Hendryx, what is that noise?”
Hendryx (peering from window)—“I don’t see any noise.”

It was ever thus:
Waiter at the serving room
Wishes steaks would come;
Maiden at the table
Beams upon him some;
While the cook so slow
Is filling up the plates,
Many smiles go down the line
Unto him who waits.
Edna—“You will give an extemporaneous speech.”
Kathryn—“Goodness! Have I got to write it out first?”

The young ladies gave their reception for November, Friday evening the thirteenth. About fifty were present. Light refreshments were served and dancing followed until ten-thirty.

Yes, we all agree in saying
That the church bell rings on time;
But we’re not prepared for meeting
When it rings at seven nine.

President and Mrs. Beach gave an “at home” Wednesday evening, November eleventh.

Edna—“Don’t freeze, Hall.”
John Henry—“Oh, you can’t freeze him, for he is frozen onto already.”

The Eclectic Literary Society gave a smoker, Sunday, November 21st, to its alumni members and friends.

The second team played a team from Rockville between the halves of the Wesleyan Academy game, November 14th, beating them 6 to 0. On November 21st they beat Windham High, 10 to 0, at Willimantic.

Mr. Newman says that he has lived in the woods all his life. We do not doubt this in the least but it seems peculiar that he does not know of the motzu tree.

First Waiter—“Have you noticed that every time I look over at the table she smiles at me?”
Second Waiter—“Yes, but I should think she would ask to have her seat changed, so that she would not have to twist her neck so to look at you.”

That game—“May I have the first and last dance,” which was so popular last year seems to be coming into vogue again.

Last month the presence of Rev. Mr. Starr at our morning chapel service was a pleasant surprise. We hope that we shall hear and see our former chaplain often.

The students announce that, beginning Monday, November 2d, they will be at home on Monday, Tuesday, Wednesday and Thursday evenings from 8 until 10.30 o’clock.

A.—“What is on the bill of fare?”
B.—“Gee! you have been here four years now and don’t know the bill of fare by heart yet!”

First Student—“Did you pass in geology?”
Second Student—“No, I fell down on the rocks.”

The watery accident which happened to one of our faculty was
probably a judgment of Jupiter, because of the victim's failure to offer up cigars to the gods.

Kenyon is tired of the wicked world and has become a hermit.

Miss S. D. Rice, of Providence, R. I., has been engaged to take charge of the dining-room beginning December 1st.

Miss Ethel Walker returned to her duties in the office November 23, after an absence of five weeks.

Bob and Hall are candidates for the presidency of the Fussers' Club.

Heard in Sophomore Geometry—"Sullivan," said the professor, "If you must play come over and play with my children Saturday."

Edna says that last year she had six fellows on the string and stung them all. Evidently she is trying to do even better this year.

One of the professors bought at the Farrell auction a jug, a set of wine glasses and a smoking set. No doubt the "short horns" will be entertained in style.


To familiarize the cadets with battalion drill the commandant has divided the present company into two companies, A and B. This, however, is only for special battalion drill.

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**Athletic Notes**

**CONNECTICUT, 65. WESLEYAN, 2nd, o.**

CONNECTICUT played Wesleyan, 2nd, on College field, October 31st, in a very one-sided game. It turned out to be nothing but a practice game for Connecticut. The home team made gains on all plays. A number of good men on the Connecticut team were not put in as it was entirely unnecessary. The line-up:
CONNECTICUT

Botsford, re ................................................. le, Hitchcock
Lawlor, rt ................................................. lt, Lebold
Parsons, rg ................................................. lg, Simms
Loveland, c ................................................. c, Robbins
R. A. Storrs, lg ............................................. rg, Lexton
Whitehead, lt ............................................. rt, Thrasher, Clark
Bothfeld, le ................................................. rg, Decteric
Pike, qb ..................................................... qb, Maroon
Conzelman (Capt.), Forbush, lhb ........................ rhb, Jones
Briggs, rhb ................................................... lhb, Rinnes
Ivers, fb ..................................................... fb, North (Capt.)


CONNECTICUT, 0. BOSTON COLLEGE, 0.

Connecticut played Boston College on College field, November 7th, in a hotly contested game. The teams were about evenly matched as to weight, and both were fairly confident of winning. It was a game, the like of which is seldom seen at Storrs. Both teams fought like tigers and although Connecticut had the better of it throughout, it was impossible to score. Time and again the home team was within striking distance of the visitors’ goal line with a fine chance of scoring only to be held for downs. Both tried the field goal and missed. Boston is the kind we like to play; game, and good and square. It was Connecticut’s first game with them and it would be well to keep up relations with such an institution. They are in our class and probably always will be. The line-up:

CONNECTICUT

W. L. Storrs, le ................................................. re, Green
Whitehead, lt ................................................. rt, Melony
R. A. Storrs, lg ................................................. rg, Sweeny
Loveland, c ................................................. c, Hartley
Lawlor, rg ..................................................... rg, Flarety
Newman, rt ..................................................... lt, Pierce
Botsford, re ..................................................... le, Keefe
Conzelman (Capt.), lhb ................................ rhb, Doyle
Pike, qb ..................................................... qb, Ryan
Briggs, Forbush, rhb ................................ lhb, Park
Curtis, Ivers, fb ................................................. fb, Bailey

Score: Connecticut, 0; Boston College, 0. Umpire—Prof. Lamson. Referee—O’Tool. Timekeeper—Proudman. Linesmen—Smith and Moriarty. Time—Two thirty-minute halves.
CONNECTICUT, 23. WESLEYAN ACADEMY, 0.

Connecticut played Wesleyan Academy on College field, November 14th, winning by a large score. The home team played fine football throughout. The first few minutes of play Connecticut found it difficult to gain ground, but a difference was soon seen and after that things were easy. All kinds of plays were worked for big gains. Curtis made some fine plays. The team worked together. Pike and Loveland carried Curtis along time and again after he was tackled. Wesleyan tried a couple of field goals, one went wide, while the other was blocked by Lawlor. There were apparently no star players for Connecticut, all the men playing well. For Wesleyan, Goodnough at quarter played the best game. He made a number of long gains on fake kicks. The Wesleyan team kicked against decisions continually, and were well supported by their manager who was referee. We do not believe the student body as a whole cares to see the same team play here again. The line-up:

CONNECTICUT. WESLEYAN ACADEMY.
W. L. Storrs, le ..................................................re, Donahue
Whitehead, it ..........................................................rt, Wolcott
R. A. Storrs, lg ..........................................................rg, Patterson
Loveland, c ..........................................................c, Gilbert
Newman, Parsons, rg ..................................................lg, Dickinson
Botsford, re ..........................................................le, Niquart
Conzelman (Capt.), Bothfeld, lhb ..................................rhb, Dunbar (Capt.)
Briggs, Forbush, rhb ..................................................lhb, Nicholson
Curtis, Ivers, fb ..................................................fb, Dunsford
Pike, qb ..........................................................qb, Goodnough


CONNECTICUT, 10. RHODE ISLAND, 12.

Connecticut played the last game of the season with Rhode Island State College, on College field, November 21st. It was the most important game of the season, as the two colleges are old rivals. The visitors came to Storrs with great expectations and went back feeling as badly as if they had been beaten. The student body is satisfied that every man on the Connecticut team played to the best of his ability, and that no one man was responsible for the defeat.

The game began at ten o'clock sharp. A large number of spectators were present, among whom were many alumni. We are sorry
more were not able to be here. For those who were not, the following account may prove interesting.

Rhode Island started the game by kicking off to Connecticut. The home team tried a forward pass and lost the ball. The visitors tried an end run and then began pounding the line, soon putting the ball over for the first touchdown; also kicking the goal. The visitors then kicked off to Briggs, who ran the ball back five yards. A forward pass gave 26 yards, and Curtis made 10 yards through center. The ball was then lost on a forward pass. The visitors made 20 yards on an end run but soon lost the ball on a forward pass. Connecticut fumbled and Rhode Island recovered the ball. They made 10 yards on an end run, 15 yards on a forward pass and then lost the ball on a forward pass. Pike punted 50 yards. Rhode Island tried the forward pass and was penalized 15 yards, as the ball went across the center of their line. They then punted 26 yards. Pike drop kicked from the 40-yard line and placed the oval squarely between the goal posts.

Connecticut next kicked off, Rhode Island ran the ball back 20 yards; fumbled, recovered, gained 20 yards on a forward pass and then punted 40 yards. The home team tried another field goal but it was blocked. The visitors lost the ball on a forward pass as the whistle blew. Score, 6 to 4, in the visitors' favor.

Connecticut began the second half by kicking to Rhode Island, the visitors running back 20 yards. The home team then held them for downs and received the ball. A forward pass was tried, then Pike punted 30 yards. The visitors punted. Then Lawlor made 15 yards on tackle round. Connecticut tried another field goal but it was blocked. The visitors were held for downs. The home team lost the ball on a forward pass, the visitors fumbled and R. A. Storrs, left guard for Connecticut, recovered the ball and ran 40 yards for a touchdown, Pike and Botsford forming a splendid interference. With the score, 10 to 6, in favor of Connecticut and 17 minutes to play the home team kicked off to the Rhode Islanders who ran the ball back 40 yards. They then made 10 yards on an end run, tried a place kick which was blocked by Connecticut, and recovered by one of her players. Botsford gained 15 yards on an end round, Curtis made 5 yards through center, and Briggs made 5 yards on a crossbuck. Pike then punted 20 yards. The visitors fumbled and the home team recovered the ball, Curtis making 10 yards through center. Lawlor made 5 yards on tackle round and Connecticut lost the ball on a forward pass. Rhode Island made 15 yards on a forward pass. On Connecticut's 7-yard line the visitors tried two center plays and did not gain a foot.
the third down, with the goal line to gain, Craig, the Rhode Island quarter-back, circled right end for a touchdown and kicked the goal. The visitors received the kickoff, lost the ball on a forward pass, were penalized for off-side and then the whistle blew for time up. The line-up:

**CONNECTICUT.**

W. L. Storrs, le.......................... re, Angilly, Hayward
Whitehead, It.................................. rt, Mounce
R. A. Storrs, lg..................................... rg, Akiens
Loveland, c.................................. c, Burgess
Newman, Parsons, rg.......................... Ig, Minor
Lawlor, rt.................................. lt, Hardy
Botsford, re..................................... re, Smith
Pike, qb................................................. .qb, Craig
Conzelman (Capt.), lhb.......................... rbb, Tuley
Briggs, rbb............................................ lhb, Miller
Curtis, fb............................................. fb, Quinn

**RHODE ISLAND.**


**WILLIAM F. MADDEN.**

We cannot review the past season without feeling that great credit is due to William F. Madden for the manner in which he has coached, developed and inspired our football team.

His work on the Trinity College football teams was such as to attract our attention and he has exhibited the ability of not only being able to play the game, but also to show others how it should be played.

Business in his home town detained him from being here all the time and it was something of a sacrifice on his part to return at different times to carry the work along.

This is greatly appreciated by both students and alumni and we hope that it will be possible for him to return to us in football seasons in the future.

**The “A” Sugar Bag**

About thirty-five years ago a young man took up the business of making paper bags for sugar and flour. This particular method was not entirely new, but as yet had not been developed. The ingenious young man with the help of another who was inter-
esteemed in machinery, began the construction of a machine for the turning of the sides. The first man was soon left alone to complete the machine, which he did and in the succeeding years has made many improvements on it.

At present the manufacture of these bags is still carried on, although on a very small scale. The owner is seen carting the rolls of paper from the freight depot to his factory about one-half mile from the center of a quiet New England town. These huge rolls of paper, weighing from three to six hundred pounds each, are rolled from the platform of the factory to the elevator where they are hoisted to the machine room. Here is the machine over which the owner has worked so many years.

The first step in making these bags is commenced in this room. A roll of paper is placed at the rear of the machine on a revolving iron cylinder about one and one-fourth inches in diameter. The end of the paper is then threaded through a series of wooden rollers about three inches in diameter. As it goes up over the last wooden roller, one side of the paper receives a stream of paste from a small iron box which is attached just below the roller. This box contains a small iron wheel which is so placed that the upper portion will just touch the roller about one-fourth inch in from the edge of the paper. When the machine is running the revolution of the wooden wheel causes the iron wheel to revolve in the paste, thus leaving a thin streak on the edge of the paper.

After leaving the last of the series of wooden rollers, the paper is gradually bent together from each side toward the center, by means of two iron prongs, adjusted according to the width of the paper which determines the width of the bag. As the paper is bent together, it forms a seam on the back of the bag which is pasted down by running through two heavy iron rollers which crease down the sides of the bag and firmly stick them together.

From the two iron rollers, the long side of the bags moves over about eighteen inches of a flat surface before passing through a narrow aperture on the other side of which is a steel knife of convex shape. The knife moves automatically up and down cutting the bag at the desired length. Just before the side is cut a rubber stamp fastened below the machine, springs up and leaves the imprint of the size on the top of the bag.

Every time the knife cuts off a side, a cog wheel with one hundred notches turns the distance of one of the notches. Thus when the cog wheel has made one revolution, a projection on it rings a small bell which indicates to the attendant that one hundred sides have been cut. This hundred is lifted out of the trough into which they have
been falling and placed on a nearby table, alternately with each succeeding hundred.

From this room the bags are carried into an adjoining room where the "bottoms" are put in by hand. Girls do this work at benches. Each girl is supplied with a piece of zinc fastened on the side farthest from her. About fifty sides are placed under the right hand side of the zinc at once, leaving anywhere from four to ten inches exposed, according to the size of the bag. With the left hand the top piece of paper is brought back to the edge of the zinc and then down, causing the exposed end of the bag to assume the shape of two v's with their tops together. Then the left hand side is folded over so that the point goes just beyond the edge of the zinc which is really the vertical center of the two v's. The right side is folded in like manner. The bag is then removed to the left side of the worker who continues this process until she has turned one or two hundred; then she pastes down these two flaps which she has folded in the "bottom" of each bag. Often the large bags have a strip of paper inserted in the folding to make them stronger.

After the bottoms are in, the bags counted in tens, and stacked alternately so that the boys may spread them more easily in the next process up in the hot attic room where they are left to dry for one or two days.

If the bag is to be printed, it then goes down to the first floor. This process does not concern us however, so we will return to the bundling room where the bags are prepared for shipment. The bags which are still in series of ten are placed alternately in a press until there are twenty-five series. Two pieces of twine are now put around the bundle, near each end, so that as a weight descends and packs and presses into a compact bundle, they may be tied at the side of the bundle, which is directly in front of the operator.

Thus rolls of paper are manufactured into bags which are shipped to various towns in Connecticut.

M. E. M., '09.

A Cadet on the Philadelphia

HAVING read many nautical books and both of my grandfathers having been sea captains, it had always been my desire to have a taste of the sea. During the summer of 1907, my father allowed me to cross the broad Atlantic as a cadet, on the Philadelphia, on the American line.

All ships of the American line carry one cadet for each thousand tons displacement or part thereof. The Philadelphia having a dis-
placement of 10,754 tons carries eleven such officers, five in the bridge watches and five in the engine room. They are shipped under the Mail Subsidy act, which requires all American built ships, either steam or sailing vessels carrying U. S. mail, to have them. They correspond to the midshipmen carried on all men-of-war and receive ten dollars a month from the government. After shipping one voyage they receive five dollars more from the steamship company.

On the seventeenth of July, I went to the shipping office and signed on. The first officer told me to report for duty at nine o'clock on the morning of nineteenth. I left my home bright and early Friday morning, reaching the ship at quarter to nine, and reported to the first officer. He turned me over to the chief quartermaster, to be set to work. I first got a suit of white duck, consisting of a pair of trousers, a blouse and a round soft hat. My first work was very hard, I sat on a box from nine o'clock until twelve, superintending the stowing of the cargo in the hold. After dinner I saw to the storing away of the liquors, to be used by the first cabin passengers on the way across. At five o'clock the work for the day was over and there was nothing to do until the next morning at eight. I turned into my bunk at half-past nine. This was one of six in a little cabin, forward on the main deck in which we ate and slept. Our meals were prepared in the first cabin kitchen, but we served ourselves.

The next morning was our sailing day and everyone was busy, seeing that all the baggage was safe aboard. The watches were set, three of the deck cadets were given bridge watches and two were turned over to the mail clerk as his assistants. The watches on the bridge were two hours on and four off, beginning at noon. I was under the chief officer and had the first watches, twelve to two, and six to eight. They lasted only while the ship was at sea.

The deck cadets rank as assistant quartermasters and were in the immediate charge of their officers. While on watch their duties consist of shining the brass on the bridge in the morning, striking the ship's bell and keeping a strict lookout for passing vessels. They were also taught to steer and most of my night watches were spent at the wheel.

The ship was run the first three days and nights on dead reckoning there being a light fog over the sea. On the evening of the third day out one of the fixed stars was seen for about fifteen minutes and our position was quickly taken by the officers on watch. On the second night out we entered the Gulf Stream and kept in it most of the way over. It is a darker blue than the rest of the ocean, about fifteen degrees warmer in summer and more than that in winter. It
also contains a species of gulf weed found nowhere else than in or near the Gulf Stream.

On the morning of the fourth day the sun came out bright and we had fair weather the remainder of the trip. The sea was smooth and the deck of the ship was as steady as a ball-room floor. We passed several large steamers and sailing vessels bound west. Schools of porpoises were seen at intervals following the ship to catch refuse thrown overboard.

At half-past eight, Saturday morning, July twenty-seventh, we sighted Bishop's Rock, and soon after Land's End and the southern coast of England. We steamed along the coast for a few hours, and at half-past one entered Plymouth Harbor, where we discharged mail and passengers without coming to a stop. Lighters came along side, were made fast and then cast off as soon as loaded. The whole process of discharging mail and passengers occupied about eighteen minutes. We then headed out across the Channel for Cherbourg, France, passing the famous Eddystone Light, on the left, as we left Plymouth.

Although the sun was shining brightly on our departure from Plymouth it was raining before we were half way across the Channel and we steamed into Cherbourg at half-past seven in a fog. We did the same here as at Plymouth in discharging mail and passengers.

We then headed northeasterly across the Channel for Southampton, passing the Isle of Wight about half-past twelve. At ten minutes of two were tied up to our berth, in Empress Docks, my first voyage across the Atlantic completed.

N. I. S., '10.

Exchanges

"The Observer," published by the Ansonia High School has good material in it, but the arrangement might be improved as the beginning and end are somewhat abrupt. We would suggest that the heading be placed nearer the front.

We notice with pleasure that the "Owl" of "Fresno Hi" keeps up to the standard of excellence attained in the past. It is a well-arranged paper containing several good stories.

As a rule we do not favor the newspaper style for a college paper. The M. A. C. Record contains much news of interest to the M. A. C. student, but does not give us much of an idea of the literary talent
which they doubtless have, but do not employ. A weekly is, however, in some respects an improvement over a monthly edition.

Mississippi Agricultural College publishes the Reflector and a well gotten up paper it is. We can fully appreciate the knocks on the military officers of that institution in issuing their commands. As a rule, we do not approve of stories which are "To be Continued."

We're Juniors free,
Oh, happy we;
   Haven't very much longer to tarry,
Just one more year
We'll stay down here;
   And then go home to marry.

But double or single
There'll be no trouble;
   We'll all of us be men,
For sure as creation
We'll remember our relation
   To the class of 1910.

—Ex.
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