

garding the effects of the first month's efforts:

"MISSIONS REPLACE SALOONS."

"The usual autumnal invasion for purposes of reformation has been made by Yale student missionaries in the down-town section, and the headquarters of their work have been taken in an unoccupied store at the corner of Grand avenue and Franklin street. The work of the student mission this year has seemed so far to be remarkably successful. Captain Tripp has been at a loss for two or three weeks past to know why it was that his Sunday detail has not rounded up more of the old regulars who have been persistent violators of the Sunday liquor laws.

"The explanation was discovered last Sunday and since then has caused no end of comment among those who have heard the remarkable story. It is nothing else than that the 'wet-goods' men and their 'bar-keepers' have been lured into attendance at the Yale Mission and have deserted their old stands for the gospel meetings. Officers who were on duty in the vicinity are willing to take their oath that they counted no less than sixteen saloon-keepers in attendance at the meeting of the Mission last Sunday night, and many of them it is added, were also on hand the week before. They are said to have taken part in the singing and evidenced a real interest in the meeting. If the reformation progresses, the list of heroes living and dead will be exhausted in providing new names for the down-town streets."

THE FINANCES.

It is expected that the building will be ready for occupancy about the middle of December. To clear it of all debt \$3,000 must be raised before that time. The building committee feels that the time has now come when a general appeal should be made to the students and alumni for that multitude of smaller gifts which will render such action possible and will give any one interested in Yale's religious and altruistic efforts a chance to have a share in the enterprise.

The great value of the Yale Mission, from an educational as well as religious standpoint, lies in the fact that it offers the only opportunity at Yale at present for the student body to come in contact with the so-called laboring classes. No one can spend a night a week in such a work without getting a better knowledge of the problems and grievances of the great masses of our population, and without feeling broader sympathies for their condition. The opportunity of listening to and conversing with College men is eagerly sought by even the elderly among the audiences. Any opposition which might have been aroused by ignorance of motives ten years ago has now entirely disappeared. The work is practical and not theoretical, and, since it is non-sectarian, enlists the services of many College men whose interest cannot be secured in other forms of altruistic effort. The value of such work in its effect upon the student workers and upon those for whom it is undertaken cannot be estimated from facts or figures. It remains for the alumni and undergraduates to say whether all hindrances to its being developed to the full extent of its usefulness shall be removed by a prompt reply to the request which has this week been sent for small contributions to make up the balance of \$3,000 needed, by the following committee, of which S. H. Fisher, '89, is Treasurer; R. C. Morse, '62; J. B. Reynolds, '84; S. H. Fisher, '89; J. G. P. Stokes, '92 S.; William Sloane, '95; W. F. Cochran, Jr., '98 S.; Henry B. Wright, '98, and O. S. Coffin, 1900.

Yale-Princeton Debate.

The fifth annual debate between Yale and Princeton will take place in New Haven on Tuesday evening, December 6th, on the question: Resolved, That the United States should annex Cuba. The teams which will represent the two Universities have, as yet, not been chosen, but Yale will doubtless be represented by the following men: C.

P. Kitchell, 1900 L.S.; J. K. Clark, '99, and A. D. Leavitt, 1900.

The following men have been selected to act as judges at the debate: Professor John B. Clark, of Columbia University; Mr. Charles B. Hubbell, President of the New York Board of Education, and Mr. George L. Rives, of New York City.

Of the four debates which have been held annually between Yale and Princeton to each College has won two.

The first forensic contest took place on May 8th, 1895, in the Hyperion Theatre, New Haven, and the subject for debate was, "Resolved, That the Income Tax Law of 1894 was, under the circumstances, a justifiable one." In this debate Yale supported the negative with the following speakers: H. E. Buttrick, H. Frank Rall and Clarence E. Clough. The representatives of Princeton, who spoke on the affirmative were: W. F. Burns, R. McN. McElroy and B. L. Hirshfield. The judges, who were Rev. Dr. Lyman Abbott, Mr. Lawrence Hutton and Prof. Edward Cummings, gave their decision in favor of Princeton by a vote of two to one.

In December of the next year, Yale's debaters met those of Princeton in Alexander Hall at Princeton. As Princeton chose the question Yale had the choice of sides and took the negative. The subject in this second annual debate was: "Resolved, That it would be wise to establish, in respect to all State legislation of a general character, a system of referendum similar to that established in Switzerland." The speakers who brought about Yale's first intercollegiate debating victory, as Yale up to this time had not been victorious over Harvard in debate, were C. U. Clark, '97; Austin Rice, T.S. '97, and E. H. McVey, L.S. '96.

PRINCETON'S SECOND VICTORY.

Princeton scored her second victory over Yale in debate on May 7th, 1897, in College Street Hall, New Haven. The subject chosen by Yale for the third debate was: "Resolved, That the power of the Speakers of the United States House of Representatives is detrimental to the public interest." Hon. E. J. Phelps, ex-Minister to England, presided. The speakers for Princeton were superior to those of Yale in form of arguments and style of speaking. In this contest Yale was represented by E. H. Hume, '97; H. W. Fisher, '98, and E. L. Smith, '97. The speakers for Princeton were: H. H. Yocum, '98; W. S. Reeves, '99, and R. F. Sterling, '97.

By the victory of Yale over Princeton on March 25th, last year, Yale succeeded in tying her opponent. A belief had been growing among students at Yale that as long as Yale had to argue on the affirmative side of the question, she would not be able to win, and disappointment was felt when the affirmative side was to be upheld in this debate, as it was thought that Princeton would choose that side. The subject chosen was: "Resolved, That National party lines should be disregarded in the choice of councils and administrative officials in American cities." The speakers for Yale were: N. A. Smyth, P. G.; J. K. Clark, '99, and C. H. Studinski, P. G. The decision was given to Yale.

How Harvard Feels.

[The Harvard Crimson.]

Harvard's Ninety-Eight Eleven has defeated Yale, has done it on the New Haven Field, and by the score of 17 to 0. Captain Dibblee and his team outplayed Yale at her own game, in every department, man to man. They carried her off her feet in the very first plays; they drove her back until they crossed her goal line once, again, and a third time. They won from an Eleven that no one has called weak. Some of the men on it were players of the first order, and individually and as a team fought up hill to the finish and spurted with splendid courage. What this victory implies—the long striving, the hope often disappointed but ever renewed, finally the game of seasons—is more than can be expressed in short space, and needs no setting forth to Harvard men. If it did the tiers of spectators hurling everything movable into the air, and cheering themselves from New Haven into Boston, would have done it as nothing else could.

THE NEW COMET.

How Dr. Chase of the Yale Observatory Found It.

The discovery of a new comet of very interesting possibilities is the latest achievement of the Yale Observatory. Dr. F. L. Chase was the discoverer. The fact is all the more noticeable and creditable, because the discovery came as an incident of other work, to which the Yale Observatory particularly devotes itself. The excellence of this work made the discovery possible.

Extensive preparations were made at the Observatory for observing the November meteor shower just passed, the Leonids of the 13th or 14th. Record was kept of all the meteors seen and with two instruments specially designed for the purpose, one at the Observatory and the other stationed at Hamden some two miles distant, carrying eight and four cameras respectively, sixteen meteors were photographed.

The observations began on Nov. 12th, and were continued until the 16th. On the 12th, a few Leonids were seen. The next night was cloudy. On the 14th the fall was most brilliant and extensive, more than 100 being seen by those observers in the limited field under observation, and all but three of the meteors photographed were secured on that night. It is expected that the study of these plates taken from two separated stations will furnish valuable information as to the distance and motion of the meteors.

Dr. F. L. Chase while examining the plates discovered the presence of a faint nebulous object on four of them, and in four different positions among the stars. The positions showed uniform progressive daily motion, indicating that the object was a comet. In order however, that there might be no mistake, on the 21st, two cameras were again directed to the point of the sky where the object should then be and four more photographs were taken. These photographs when developed all showed the comet and almost exactly where it was expected to be. The discovery was then immediately telegraphed to the Harvard Observatory, where photographs of the meteor shower had also been made. An examination of their plates showed that the comet had also been recorded on two of them.

In all probability this comet is a new one. This is the second comet to be discovered by photography and is too faint to attract notice in an ordinary telescope. The comet has since been twice observed at the Lick Observatory and an accurate position ascertained. It has been observed here once.

A preliminary calculation of its orbit shows it to be about $2\frac{1}{2}$ times as far distant as the sun or 230,000,000 miles away and that it is coming nearer. It must be a comet of no mean magnitude to be visible at so great a distance.

U. of P. 12—Cornell, 6.

The University of Pennsylvania defeated Cornell at Philadelphia on Thanksgiving day by a score of 12 to 6, in weather conditions that have probably never been equalled at a football game. A twenty-four hours cold rain was followed by a driving snow storm, which set in just before the game was begun. The players suffered greatly from the cold and in consequence much fumbling, due to numbed fingers and limbs, resulted. Twenty thousand people saw the game in spite of the abnormal weather.

In the first half Cornell had the advantage of the strong wind and kept the ball in Pennsylvania's territory all the time. A blocked kick gave Cornell the only score in this half, Starbuck kicking a very difficult goal.

In the second half Pennsylvania, with the wind in her back, scored two touchdowns, the first one by a run around left end by Outland, the second due to a bad kick by Cornell, which sent the ball into the arms of Hedges, who had a clear field for a touchdown. Outland kicked both goals. Hare and Outland played especially well for Pennsylvania, while C. Young and Whiting did the best work for Cornell.

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Basketball.

The candidates for the University Basketball Team were called out Monday. Training and practice will start at once, as the season will be short. The first game will be played on December 10th, with the Waterbury Y. M. C. A., and will be the only game before the Christmas vacation.

After Christmas a training table will be started and about two games will be played a week. The schedule includes most of the strongest teams in the country, both among the Y. M. C. A. teams and the colleges. One of the most important games will be with Cornell, which will be played in New York sometime in March, probably under the auspices of the Knickerbocker Athletic Club. There will be more home games than in past years, as there seems to be more interest taken among the undergraduates throughout the University and their support will be counted on.

The team promises to be one of the strongest playing this year, as six of last year's team are still in College.

Candidates for the Freshman Basketball Team have also been called out and they will be in charge of E. T. Lewis, '99.

The Yale flag, which was presented to the Cruiser Yale, has been hung in the Chittenden library, together with the American flag.