

## YALE ALUMNI WEEKLY

SUBSCRIPTION, - \$2.50 PER YEAR.

Foreign Postage, 49 cents per year.

PAYABLE IN ADVANCE.

Checks, drafts and orders should be made payable to the Yale Alumni Weekly.

All correspondence should be addressed,—  
Yale Alumni Weekly, New Haven, Conn.

The office is at Room 6, White Hall.

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Entered as second class matter at New Haven P. O.

NEW HAVEN, CONN., NOV. 4, 1897.

## THE SIGNIFICANCE OF THE SHEFFIELD ANNIVERSARY.

Those who listened to President Gilman's address last Thursday, may have been surprised that he should have devoted a large fraction of his time to a sketch of the progress of science during the past half-century. In giving this masterly epitome as an introduction to his main subject, he showed that he fully appreciated what is probably the salient fact in the history of the School, and what gives its main significance to the semi-centennial anniversary. This feature of the School is briefly explained in a paragraph of the catalogue which has been repeated so often that it has probably ceased to attract any attention, while very few of the students themselves realize that it is there, or know what it means. The School, according to this statement, "is devotion to instruction and *researches* in the mathematical, physical and natural sciences with reference to the promotion and *diffusion* of science and also to the preparation of young men for such pursuits as require special proficiency in these departments of learning."

The two words which we have italicized, *research* and *diffusion*, sum up the distinguishing features of the School which differentiate it, on the one hand from other departments of the University and, on the other, from most of the technological schools of the country. There is not another department of Yale which states that its object is either research or the diffusion of knowledge. Where any object is stated, that object is usually to train young men in certain lines, and this is also true of most technological schools. The latter try primarily to give young men the elements of a profession. Research and diffusion of knowledge, though often pursued, both in these schools and in other departments of Yale, especially in the Graduate School, are treated as incidental and secondary.

The precise statement of these objects in the catalogue dates from 1871, but their existence dates from the beginning of the School. The purposes of the School were described at length in the report of the Governing Board for 1868-69, and any one who wishes to learn just what is meant by research and diffusion of science cannot do better than to turn to that report. But its actions have been more significant than its statements of policy. From the very

beginning it has endeavored, first, to promote science, and then to popularize it. This it has done by holding conferences of farmers, by establishing a course of popular lectures to mechanics, and above all by stimulating the establishment of agricultural experiment stations, and furnishing for many years free quarters to the Connecticut station, the pioneer of them all. For many years the reports which it made to the legislature contained, besides the bald statement of courses of instruction and requirements for examination with which most college catalogues content themselves, a learned treatise on some department of science. Thus in the report for 1874-75 may be found a valuable essay by Prof. Johnson on agricultural experiment stations and their contributions to the science of agriculture. This point should be strongly emphasized, because there is great danger that it will be forgotten by the younger generation. If the legislature of the State had fully grasped the idea they would have realized how pointless it was to withdraw from the School the appropriation intended for it by the Congressional Act of 1890, on the ground that its standard of scholarship was too high to be of practical use to the farmer. If no farmer had ever graduated from the School, its importance would still be vast for every farmer in the State who is sufficiently alert to try to improve his stock or the productiveness of his farm. This fact was brought home to the writer this Summer in conversation with a farmer in Massachusetts. This man works with his own hands in the field for his living and not for his health, but he spoke quite familiarly of the chemical ingredients which the different kinds of fodder should have in order to furnish a proper ration for his cows. We can be sure that without the experiment station, and without the researches which such schools as the Scientific School have made, he would not only have been ignorant of the proportions in which different elements enter into the structure of cattle, but he would probably not even have known their names.

## UNITED YALE.

The time is near when Yale will again go into action on fields where she has fought out many a hard battle to a splendid victory. Those who are not at New Haven have not the means to make independent judgment from their own observations, and at this time, with their thoughts so anxiously turned toward their College, are a little more susceptible to a kind of literature in particular circulation at present, to which they ordinarily turn a deaf ear.

To these, and to any others asking questions about the situation here, it is well to say that Yale goes into the contest of the Fall of 1897 with a whole heart, and with an eleven inspired with the loyal enthusiasm of the entire University. Such questions as are asked and any surprise that is expressed, at one move or another, are at most only an indication of the intensity of the interest in the year's hard struggle.

Of the work of the eleven and the coaches and the Captain, the WEEKLY's news columns have treated so fully in this and in other issues as to make it quite unnecessary to go further into detail. No more enthusiastic or loyal devotion, no more splendid spirit of work, has ever been shown on a Yale football field. Whatever the mistakes of the past, the magnificent work of the present is as clearly in evidence as any fact in Yale's history, and is thoroughly and enthusiastically recognized by the University. Whatever their particular style of play, and however discouraging have been some incidents of

the season, the University and the eleven will enter the struggle of the 13th with a determination to win, over all obstacles.

## THE FOOTBALL COACHES.

The unity of work in football coaching at Yale has always been a fine example of the way things ought to be done. This year has only strengthened the excellent traditions of the past. The assistants have uniformly supported Mr. Butterworth, and between them and the Captain has been a clear understanding, and cordial coöperation. It is with reluctance that any reference is made here to the fool stories concerning Mr. Camp's attitude towards the season's work, but it is as well to make sure that not even a single Yale man is misled. Mr. Camp told Captain Rodgers at the beginning of the season that business would absolutely prevent his attendance at practice and active participation in the development of the eleven, but that such assistance as he could give in consultation would always be gladly given. Coach and captain have not infrequently acted upon his offer and they and Mr. Camp thoroughly understand each other. The football workers know that no one more warmly endorses the work of the last six weeks than he.

## The College Pulpit.

The college pulpit will be occupied during the rest of this term by the following preachers:

November 7—Rev. Prof. G. T. Ladd, New Haven.

November 14—Rev. Reuben Thomas, D.D., Brookline.

November 21—Rev. F. R. Shipman, Andover.

November 28—Rev. J. DePeu, Bridgeport.

December 5—Rev. Prof. G. B. Stevens, New Haven.

December 12—Rev. E. B. Coe, D.D., New York City.

## '97 N. Y. Alumni Meeting.

There will be a meeting of the New York members of the Class of Ninety-Seven at the Yale Club, 17 East 26th st., on Friday evening, November 5th, at 8.30 o'clock, to take suitable action on the death of Theodore Moore Barnes, Jr. It is earnestly requested that all members of Ninety-Seven who are in New York on this evening make every effort to be present.

The cash sales of the Co-op. for the month of October amounted to \$10,003.11. This is the largest monthly business done by the Co-op. since its organization.

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## TRAINING FOR BACKS

The successful player back of the line has three points to bear in mind. They should be a part of him, so to speak, not consciously recalled, but forming an unconscious undercurrent, controlling every play he is called upon to make. These points are: play hard, play low, and play fair. Let him keep training, and follow this guidance, and whatever may be the success of his team, he will have done his work creditably. This is said, of course, in a general way, but we believe no better advice can be given in as many words. Add to it—play with your head (not necessarily as a battering ram)—and about the last word has been said.

All of this applies as exactly to the conduct of the man successful in municipal life as to the player successful on the football field. The citizen who uses his brains, who plays fair, but who "hits the line hard," generally makes a mark for himself, and proves of decided value to his party.

In private life, too, the rule holds just as truly: Keep in training, know what you are going to do, do it fairly, but do it hard. There can then be no reasonable doubt as to your success. If you are wise, you will of course take advantage of the best coaching to be had, and you will use to the full every other aid offered through which to improve your game. Think for one minute of the aid you can enjoy in having sound insurance on your life. You are not called upon to accept this statement as final; merely look about among your friends, and see the decided help it has been to one and another of them.

Once insured, you know what you are going to do, your purpose is at once more clearly defined. To realize that you are insured, and that a fund is growing which later will supply you with capital, or protect those you leave behind, should you be "carried off the field," will give you a sense of something to fall back upon, just as the player realizes the endurance that has been born of training. Insurance gives you "sand" to do your work heartily,—to "hit the line hard." And so insurance means success.

But not ALL insurance. There are bad coaches as well as good. Look to it that your helper and adviser knows the game himself. You will find the best in The Mutual Life of New York—the first in the field, the one which never lost a game, the coach that never yet took a player in hand that that player, following instructions, did not develop into a reliable, winning man.

## Yale Law School.

For circulars and other information apply to

Prof. FRANCIS WAYLAND,  
Dean.

## FOOT BALL

A Forecast of the Season, by WALTER CAMP,

—IN—



For November, is too good to be missed by college men, all of whom are eager for expert opinion concerning this year's teams.

## Round the Summer Horse Shows,

By A. H. Godfrey, is illustrated with over twenty-five photos. of celebrities in the equine world.

## OTHER FEATURES OF A STRONG NUMBER:

Lawn Tennis Honors of the Season—Yachting on Northwestern Lakes—Thanksgiving with the Steelheads—Genoa and Bay of Biscay Awheel—Fox Hunting in Maryland—The Right Guard's Rush—A Day over Dogs—His Majesty the Moose—Turkey Hunting in Florida—Thanksgiving with the Jacks; and the Monthly Review of Sports and Pastimes, conducted by W. B. Curtis.

PRICE 25 CENTS.

THE OUTING PUBLISHING CO.,

239 FIFTH AVENUE, - - NEW YORK.

