

CORNELL ALUMNI NEWS

Vol. VII. No. 35

Ithaca, N. Y., June 7, 1905

Price 10 Cents

Engineering Conditions in Great Britain.

By C. B. Buell, '92.

Assistant General Manager of the Westinghouse Works at Manchester, England.

One often hears the question asked of persons returning from their travels, "And what impressed you most during your stay abroad?" While it would perhaps be impossible to select some particular item which stands pre-eminent to all others, certainly one of the first thoughts which would occur to an American who has spent any length of time in Great Britain would be "the decidedly mistaken notions I used to have of the way they do things over there." Of course innate modesty might tend to prevent the expression of such thoughts, but candor would compel it.

As our ideas on many subjects are to a greater or lesser extent formed from newspaper reading, it is undoubtedly to this agency and our own inability to distinguish fact from fiction that many of these mistaken notions are due. The American newspapers have affirmed and re-affirmed that the United States has passed Great Britain in the race for commercial supremacy; the majority of us formerly accepted these statements as facts, and perhaps endeavored to account for them as such, while only an unknown few doubted.

Participation in the business life of the kingdom will, however, do much to clarify one's mental atmosphere in this respect. At the end of a few months you will be in a position where you can begin, in some degree, to appreciate the real situation, when the conviction will then gradually force itself upon you that many of the American newspaper articles we used to read with so much pleasure and satisfaction must be ranked hereafter with Munchausen's tales as classics in the realm of fiction. Great Britain is today thoroughly alive to the

needs of the times; and if at any period of her existence she could be accused of lagging behind certainly she is now putting forth tremendous efforts to maintain her accustomed place in the front rank of nations, and, judged by her past, will undoubtedly succeed.

Free trade, whatever else may be said of it, has the doubtful merit of subjecting the great majority of British industries to the keenest foreign competition, so that manufacturers, more particularly during the last few years, have been compelled to develop their resources to the highest degree and to keep in constant touch with every change of trade in order to retain their share of business. This condition of affairs is especially true today of engineering in its various branches.

THE ENGLISH APPRENTICE SYSTEM.

Though not appearing in any balance sheet, one of the very best assets which any engineering company can possess is a strong staff. This fact is becoming more and more recognized in Great Britain, where manufacturers are now following the lead of America in securing, through the medium of attractive apprentice courses, young college graduates upon whom to draw for engineers, salesmen, managers, etc., as occasion requires. These men give high class service at a small wage, even in the early stages of apprenticeship. This practice is, however, by no means common as yet, for many firms, particularly the smaller ones, still derive a very fair revenue through premium pupils who are charged fees ranging from 25*l.* to 500*l.*, and who naturally receive no wage for their work. As typical of this custom the following, which appeared in the *Electrical Club Journal*, April, 1905, will be interesting in showing a difficulty the average young British engineer has had to contend with in the past and which yet confronts him to too large an extent. The letter was sent by a British electrical firm to a young man in New Zealand in response to an in-

quiry regarding its terms of apprenticeship:

Dear Sir:

We are in receipt of your letter of the 21st of October. We are in the habit of taking pupils. Most of our pupils come at ages varying from 18 to 22, and remain with us for three years, our terms being as follows:

Premiums for a three years' course, 300*l.*, payable in two instalments, 150*l.* at the conclusion of a month's trial and the remainder one year afterwards.

The pupils go through the whole of our workshops, including erecting and machine shops, armature shop, arc lamp department, smiths' shop and foundry; also the testing department, power department, drawing office, etc.

We should require a month's trial from an intending pupil, and have a vacancy at the present time.

Yours, etc.,

..... & Co.

AMERICAN PLAN MORE LIBERAL.

In this respect America offers more advantages to young engineers just graduating from college than does Great Britain, for American manufacturers were quick to discover that the average college graduate, being a semi-finished product, would, with the minimum investment in the way of business training, make the maximum return on such investment. Thus apprentice courses where a living wage was paid almost from the start commenced to appear some years ago as part of the regular equipment of almost every large manufactory. As a result, not only are American manufacturers already profiting through this far-seeing policy, in which respect they hold a temporary advantage over British manufacturers, but the American college graduate is enabled to obtain his start in business life under much more favorable auspices than is his British brother. In other ways, too, he is more fortunate for, the country being less crowded, promotion comes faster; but, most important of all, he has secured upon the completion of his college course a broader and more comprehensive technical education than could be obtained in Great Britain for

the same outlay of time and money. That this last statement is not an overstepping of the facts is evidenced by the many British educationalists who have within the past few years visited America in order to study her technical institutions and who are now, almost without exception, calling attention in various ways to Great Britain's need for increased facilities in technical education. Prominent among such men is Dr. R. Mullineaux Walmsley, principal of the Northampton Institute, London, who read before the Institution of Electrical Engineers (Vol. XXXIII., Feb. 11, 1904,) a most valuable and interesting paper on "Transatlantic Engineering Schools and Engineering."

In his paper, during the course of which he refers quite frequently to Cornell University, he states that "the rapid development of the engineering industries in the United States during the last ten years warrants at least the cautious deduction that this development is due to some extent to the utilization of the brains trained in the schools," and "incidentally, the quickness with which any new idea, wherever originating throughout the scientific or engineering world, is taken up and worked for all that it is worth in America, may be held to be fair evidence of the influence of the college-trained graduate, well posted in the literature of his special branch of engineering and keenly alive to all discoveries."

Before leaving this phase of the subject, it is worth drawing attention to the "sandwich" system, which is coming to the front quite rapidly in Great Britain and seemingly with very good results. By this system a student divides his time between his college and one or more works, the college authorities making the necessary arrangements with various manufacturers to take each year a certain number of students for periods ranging from three to six months, or even longer. In this manner a student obtains an insight into the practical side of engineering which, although of the most limited kind, is of considerable assistance in enabling him to more properly appreciate his college work.

ENGLAND'S LOW WAGES.

Owing to the enormous population of Great Britain and its comparatively restricted area, the supply of labor, both skilled and unskilled, exceeds the demand very considerably, and this not

only causes the competition for every business appointment to be of the keenest description, but it also makes the remuneration for all labor proportionately low. The latter fact is indicated by the following table, which will appeal more to the employer than the employe. It gives the average weekly rates of wages for various trades and occupations throughout Great Britain, the data for the several trades being taken from the report of the Board of Trade, 1903:

Trades.

Smiths, 36s. od.
Carpenters and joiners, 38s. 3d.
Turners, 35s. od.
Fitters, 35s. od.
Pattern-makers, 42s. od.
Brass moulders, 36s. od.
Painters, 35s. od.

Occupations.

Unskilled labor:

Men, 18s. od. to 21s. od.
Women, 13s. od. to 16s. od.
Boys and girls, 5s. od. to 10s. od.
Clerks, 20s. od. to 40s. od.
Stenographers, 20s. od. to 40s. od.
Shop foremen, 2l. 10s. od. to 4l. 0s. od.*
Draughtsmen, 2l. 10s. od. to 3l. 0s. od.*
Designing engineers, 3l. and upwards.*
* All incomes exceeding 160l have an annual government tax imposed upon them which at present amounts to about 5 per cent.

When it is stated, however, that in other countries (excepting the United States and Canada), and notably in Germany and France, the rates of wage for the corresponding trades average 37 per cent. less, it will be at once realized what British manufacturers have to contend with and how great is the necessity for them to be strictly up-to-date in every sense of the word if they are to keep from being commercially annihilated.

NARROW FIELD FOR SALES.

Generally speaking, engineering conditions in Great Britain are, without doubt, more diversified, at the same time more complex than in any other country. While her markets are thrown open to the world without barriers in the shape of protective tariffs, practically every country of any importance with whom she deals imposes duties, more or less prohibitive, on imported goods. Brit-

ish manufacturers have, therefore, comparatively speaking, a narrower field in which to exploit their wares and must limit their output accordingly. They must also be constantly prepared to incorporate into their standard products such novel features of merit as from time to time appear in any foreign-made goods shipped to Great Britain and which may appeal to their customers. Competitors, on the other hand, having a wider field can manufacture in larger quantities, thus reducing the cost of production; and by selling a portion in their own countries at a profit can afford to unload, if necessary, the balance in Great Britain at cost.

Municipal corporations and trades unions must also be reckoned with. The public ownership of street railways, electricity, gas and water works, etc., is practically universal throughout Great Britain as well as in many of her colonies, and municipal contracts form a large part of the trade handled by certain manufacturers. Firms competing for such work must observe regulations which in many instances are very onerous. For example most contracts contain a clause requiring all workmen to be paid the standard rate of wages of the district in which the apparatus is being made or in which the work is being performed. As previously mentioned, Germany and France have a decided advantage with respect to low wages, and one of the recourses for British manufacturers is to employ the maximum amount of unskilled labor and of partly skilled labor in the shape of apprentices or improvers and the minimum number of skilled artisans in order to reduce the rates of wage to a figure at which they can compete. In the doing of this, however, they are combated by the trades unions, who insist, wherever possible, on journeymen being employed and the scale of wages maintained, seemingly unmindful of the fact that the price of labor must fluctuate like that of any other commodity, according to the law of supply and demand.

PUBLIC OPINION AWAKENING.

The placing of many large orders with foreign firms by municipal corporations is doing much towards bringing both manufacturers and trades unions to recognize that there is more to be gained through coöperation with each other than by antagonism, and they are now

endeavoring, with some success, to confine competition to British firms. Public opinion is being appealed to, and already a number of corporations, notably London and some few private firms, are responding by excluding foreign tenders. What has made the clause particularly irksome is that while it is a comparatively easy matter for a corporation committee to ascertain the rates of wage paid by any British manufacturer, it is exceedingly difficult to find out positively whether or not there is any violation on the part of foreign firms who are successful in obtaining orders.

Another clause which occurs in large contracts is to the effect that all work done and material supplied shall be to the satisfaction of the engineer representing the purchaser. The best known engineers are almost invariably broad-gauge men and this does not, therefore, very often give rise to any difficulties between the manufacturers and themselves. There is, however, quite a percentage of engineers (and they are not confined to Great Britain) who use a clause of this kind to modify many details of the manufacturers' accepted specifications, thus compelling in frequent cases a departure from standard apparatus or standard practice with a consequent diminution or extinction of the manufacturer's profits.

Much more might be written concerning the diversity and the complexity of the present engineering situation, but enough has been said to show that the old adage, "There is nothing so constant as change," applies with considerable force in Great Britain.

It is flattering to observe in the midst of this great contest an ever-increasing number of American college men, Cornell being very well represented; and further to find the name of Cornell as well known in the British and the Continental scientific worlds as those of other institutions many years older. It is not only additional proof where, however, none was needed of the wisdom and foresight of Ezra Cornell in establishing our splendid University; but it is also proof that our University has been equally fortunate, since its inception, in having for its trustees, benefactors, presidents and faculty men of sterling worth, the results of whose unremitting labors are now being seen on every side.

Ransom Wins '86 Prize.

Competition for Memorial Stage in Declamation Keener than Ever.

The nineteenth annual contest for the '86 Memorial prize in declamation, which was held recently in the Armory, was won by William L. Ransom, '05, of Jamestown, N. Y. The competition for places on this stage is becoming stronger every year, and the number of contestants who entered this year was far in excess of those competing for any of the other prizes in public speaking or debate.



WILLIAM L. RANSOM, '05,
Winner '86 Memorial Prize.

The winning declamation, "The Reformer," was a strong appeal for toleration and support of the reformer as a useful element in any community. Mr. Ransom spoke in his usual earnest and forceful manner, and won the entire sympathy of his hearers for the subject of his speech. Mr. Ransom won the '94 Memorial prize in debate last year and received honorable mention in the recent Woodford contest.

The twelve speakers appeared in the following order:

- A. P. Howes, '07, "Poetry of War."
- H. E. Crissey, '05, "Partisanship."
- J. W. Persons, '06, "Nihilism."
- G. W. Graves, '05, "Wendell Phillips."
- W. W. Taylor, '07, "Supremacy of Heart Over Brain."
- W. L. Ransom, '05, "The Reformer."
- G. W. Roesch, '07, "Moral Courage."
- I. E. Chadowitz, '06, "Mission of Israel."

W. T. Holliday, '05, "Concentration of Wealth."

T. L. Fountain, '05, "Defense of the Alamo."

C. J. Nelbach, '05, "Happiness."

B. B. McGinnis, '05, "Our Attitude Toward Socialism."

The fact that seven of the speakers, including the winner, are Seniors, shows in a striking manner what has been the result of making the competition an open one. Formerly the stage was limited to the Junior class, and it was thrown open to the entire class in public speaking in order to strengthen the competition. The result has been so pronounced that it is thought that some of the limitations will soon be replaced in order that the other oratorical contests may receive their share of attention.

The judges of the contest were: George McCann, '86, of Elmira, county judge of Chemung county; F. D. Boynton, superintendent of schools in Ithaca; Frederick W. Welsh, '94, a prominent Binghamton lawyer.

Professor McGilvary Resigns.

Professor E. B. McGilvary has tendered his resignation to the president and has accepted an appointment to the chair of philosophy in the University of Wisconsin at Madison.

Professor McGilvary came to Cornell in 1899 to accept the appointment of Sage professor of moral philosophy, a title which was changed last year to Sage professor of ethics. He was called from the University of California where he had been assistant professor of logic and the theory of language.

He was graduated from Davidson College, North Carolina in 1884 where he took his A. B. degree. In 1888 he took an A. M. degree at Princeton and in '97 his Ph. D. degree at the University of California. Between the years '91 and '94 Professor McGilvary lived in Siam where he was engaged in translating works from English into a dialect of the Siamese. Among these works were a portion of the New Testament and several other educational works. These translations were published by the American Bible society.

Professor McGilvary will have charge of the work in philosophy in the Cornell summer school this year.

Varsity Takes a Slump.

Loses to Penn through Overconfidence and Loose Playing--Oberlin Game.

The Varsity nine took a decided slump in the Memorial day game with Pennsylvania on Percy Field, losing to the visitors by the score of 3-1. The result was due to a reaction from the good work of the Saturday before with considerable overconfidence sprinkled in. Penn's record for the season has not been brilliant, yet her team outplayed Cornell in every department of the game. The home nine made seven errors and played a generally loose and lifeless game, while the Quakers seemed bent on making the most of every opportunity to redeem themselves for their season's showing.

Deshon pitched a very creditable game, especially in view of the wretched support he received, which was enough to demoralize any pitcher. The visitors captured only three hits in the whole game, while Deshon struck out eight men and gave but a single pass to first. One of the hits, however, was a home run, and this gave Penn its only earned run.

Cornell led up to the fifth inning, having secured a lonely tally in the second, when Braman walked to first, stole second, took third on a wild pitch and came home on Heilman's hit to right field. Everything looked fairly rosy until the fifth, when Cornell made the visitors a present of two runs. Hare had gone to first on the only base on balls that Deshon gave. Weeks tapped out an easy grounder to Brown, who gathered it in quickly, but threw it about five feet over Preston's head at first, scoring both Hare and Weeks. Schuler came up and sent another one just like it to Brown, who again threw high, but not so high but that Preston could have reached it if he had bestirred himself a little. Schuler was thrown out, however, between third and home, and Penn's only remaining score came from Fennell's beautiful drive in the next inning along the right foul line. While Champaign was hunting for the ball in the tall grass by the east fence Fennell circled the bases.

After that the game was slow and uneventful save for an occasional error on the part of a Cornell player.

The score:

PENNSYLVANIA.					
	R.	1B.	P.O.	A.	E.
Ziegler, lf.....	0	1	0	0	0
Fennell, rf.....	1	1	1	0	0
Myers, 1b.....	0	1	10	0	0
Caries, 2b.....	0	0	3	5	0
Minford, ss.....	0	0	2	3	0
Hare, c.....	1	0	7	3	0
Weeks, cf.....	1	0	1	1	0
Schuler, 3b.....	0	0	2	0	0
Hay, p.....	0	0	0	3	0
Totals	3	3	26	15	0

CORNELL.					
	R.	1B.	P.O.	A.	E.
Champaign, rf.....	0	0	0	0	1
Rice, 2b.....	0	0	3	6	2
Preston, 1b.....	0	0	12	0	1
Bigelow, lf.....	0	0	0	0	0
Braman, cf.....	1	1	1	0	0
Welch, c.....	0	1	10	1	0
Brown, 3b.....	0	0	0	0	2
Heilman, ss.....	0	1	1	2	1
Deshon, p.....	0	1	0	5	0
Totals	1	4	27	14	7

SCORE BY INNINGS.									
Penn	0	0	0	2	1	0	0	0	—3
Cornell	0	1	0	0	0	0	0	0	—1

SUMMARY.

Home run—Fennell. Struck out—By Deshon, 8; by Hay, 5. First on balls—Off Deshon, 1; Hay, 1. Left on bases—Cornell, 4; Penn., 5. Stolen bases—Preston, Champaign, Ziegler. Double play—Caries to Myers. Hit by pitcher—Ziegler. Passed ball—Hare. First on errors—Weeks, 2; Schuler, Myers, Ziegler. Time—one hour and 40 minutes. Umpire—Dwyer.

CORNELL 5, OBERLIN 2.

On Saturday the Cornell team were out for a record in the way of errors, and they made it, for they had ten misplays tallied against them when the curtain fell. Apparently they wanted to see just how wretched a game of ball they could put up without losing the contest. From this point of view their efforts were wonderfully successful, for they won the game by a score of 5-2, although they made but three hits to the visitors' five and had ten errors to Oberlin's two. If Conkey, the Oberlin twirler, had not been in a generous frame of mind, which induced him to pass six men to first bag, Cornell would probably have lost, for only one of her five runs was earned.

Towards the close of the tea party—for it could hardly be called a baseball game—the rooters gave sarcastic applause every time Cornell succeeded in fielding a ball without fumbling it or losing it among the weeds. The score by innings:

R. H. E.											
Cornell	2	0	0	2	1	0	0	0	*—5	3	10
Oberlin	0	1	0	0	1	0	0	0	—2	5	2

Many Positions for Chemists.

The department of chemistry has lost another member of the staff of instruction through the withdrawal of S. R. Morey, who has resigned his assistantship to accept the position of research chemist with the Great Northern Paint and Chemical company of Howland, Maine. The demand for well-trained chemists at the present time is much greater than the supply. During the present year the department has placed the following men in outside positions:

- C. E. Barie, Edison Portland Cement company.
- J. M. Bell, Bureau of Soils, Department of Agriculture.
- E. Blough, Pittsburgh Reduction company.
- K. D. Brown, Baltimore Copper, Smelting and Rolling Co.
- H. R. Carveth, research chemist, Acheson Graphite Co.
- M. F. Mehling, Badische Anilin und Soda Fabrik, Ludwigshafen-am-Rhein, Germany.
- J. H. Parker, Carpenter Steel company.
- C. L. Rand, Eastern Dynamite company.
- F. C. Robinson, Standard Oil company.
- J. W. Schade, the J. T. Baker company.
- E. S. Shepherd, Geophysical Laboratory of the U. S. Geophysical Survey.

Reston Stevenson, the Eastern Dynamite company.

J. E. Teeple, director of the Industrial Laboratories, New York city.

Last year graduates and advanced students were placed in such outside positions as the following: three in college professorships; two in high school teaching; three as chemists of agricultural experiment stations; chemist of electric storage battery company, of Semet Solvay company, of a large leather company and of a packing company.

The above list covers less than a third of the positions for which the department of chemistry has been asked to name applicants, but has been unable to do so because of lack of men.

President Schurman attended the opening of the new Albright Art Gallery in Buffalo last week. The gallery was the gift of J. J. Albright of Buffalo. Librarian G. W. Harris was also in attendance at the exercises.

Mr. Greeley and Cornell.

J. H. Morrow, '73, Tells of the Famous Editor's Tribute to the University.

One of the entertaining features of the monthly dinner of the Cornell club of Southern California, held at Los Angeles May 4, was an address delivered by J. H. Morrow, '73. The address is printed below, in the belief that it will be found of interest to all our readers. The secretary of the Los Angeles club reports that the organization has "forty live members" and is having some very enjoyable monthly Cornell dinners. Mr. Morrow spoke as follows:

Mr. President and members of the Cornell club: I was within six months of taking the entrance examinations for Yale. Trouble in my eyes suddenly developed—possibly due to a blow from a snowball. My physician advised that I defer my examination for a year.

Before the year was up, letters urging me to enter Cornell University began to arrive from a very dear friend and former teacher of zoology, the late Professor Charles Frederick Hartt, who had been called to the chair of geology in the new institution at Ithaca.

Affection for Professor Hartt and an impulse to cast my lot with a university identified with my native state caused me to waver in my purpose to enter Yale. My father, a graduate of Wesleyan University, left me free to decide, wisely holding that where my choice lay, there I would do the better work. Yet I hesitated.

Life, even then, was to me a solemn thing. I realized that it was fraught with duty to others as well as to self. Would Yale or would Cornell help me to use my life to the greater purpose?

While I halted, Horace Greeley dined with us one evening. Now, I had been brought up on the Bible and on the New York Tribune, the one expounded by Henry Ward Beecher; the other edited by Horace Greeley. In the presence of Mr. Greeley under my father's roof was the opportunity to have my present doubts removed, particularly as Mr. Greeley, if memory serves me, was a trustee of Cornell University.

Well I recall the diffidence with which I approached Mr. Greeley. At this period in his career, he was engaged in the preparation of a work on political

economy, and during the hour preceding dinner he sat in my father's library discussing the subject then uppermost in his mind. I was privileged to be a listener, and sat spellbound by his flow of words. How my diffidence increased when the great man told to a gross the number of fishhooks manufactured the previous year in the United States! Over and over again I essayed to ask his opinion respecting Cornell, but in trepidation my tongue cleaved to the roof of my mouth. He seemed to me superhuman. I dared not address him.

HORACE GREELEY'S TRIBUTE.

But once seated at the dinner table, the distance between the philosopher and the boy appreciably shortened, when the guest, taking the drum-stick of a fried chicken in his fingers, began to rob it of its meat. Surely we were on common ground. "Mr. Greeley," I said, my heart almost in my mouth, "What do you think of Cornell University?" His kindly eyes beamed on me through his spectacles and over the drum-stick, which was too good to lay down, as he replied, "Cornell University is a diamond in the rough."

That settled it. Then and there the die was cast. In June, 1869, I was at Ithaca taking my entrance examinations for the classical course.

Horace Greeley was right. Cornell University was "a diamond in the rough"—rough, yet a diamond "of purest ray serenc." Today it stands fully cut and polished, "a thing of beauty and a joy forever."

It took courage to go to Cornell in those days. Even the buildings necessary for a start were in several instances incomplete. One or two were of temporary character. Stones, brick, timber, piles of mortar were seen at every turn. Students had their choice between boarding at Cascadilla or in such of the homes in the town as were willing to take boarders. There were no chapter houses, and fraternal organizations were glad to find quarters over stores for the performance of their mystic rites.

But was there no recompense? Yes, a recompense that made us oblivious of the little things we call discomforts. In the new institution had dawned a new era in university training. There was a larger, freer, purer atmosphere to breathe, and we students felt it and recognized it, and drew it in with long breaths of delight. And then the

natural beauties of the University site—lake, hills, slopes, forests, streams, cascades—how they appealed to the best that was in us, softening, refining, elevating! And then, best of all, the inspiration of Andrew D. White, Goldwin Smith, Charles Frederick Hartt, Morris, Schaeffer, Wilson, Wheeler, Sprague, Wilder, Crane, Russell and others who constituted the faculty; and of James Russell Lowell, Bayard Taylor, George William Curtis and Professor Dwight of the non-resident lecturers. Was ever an institution, especially a new one, endowed with such a galaxy?

Then, last, but rather first, was the inspiration of that quiet, resourceful, self-sacrificing, far-sighted man, every fibre of whose life permeated the plans of the new University—Ezra Cornell. Gentlemen, I can see him as I saw him then—tall, spare, modest, devoted to but one idea—the establishment upon enduring foundations of a university whose educational response should be as broad and as simple as the demands of mankind.

THE DIAMOND BECOMES POLISHED.

The diamond of today is no longer "the diamond in the rough." The hands of some of the lapidaries have been stilled in death. But other hands as deft and skilled and loving have caught up the tools and gone on with the work. Who knows when the task will be completed, or what beauties in the end may become unfolded? We know that our beloved Alma Mater is a gem of great price; we know that of the beauties of the diamond enough has been revealed to the world to cause Cornell University to shine as one of the brightest jewels in the coronet which fair Learning wears upon her brow.

And now just a word about the students who touched elbows with me in the long ago. As a rule they were young men with a purpose in life—young men hungry for knowledge, so hungry that some of them had to work at various occupations outside of recitation hours to sustain themselves. Their earnestness, their courage, I felt it then, and today I am the better man for having been so associated. Peace to the ashes of those who have passed beyond the veil; a hand clasp for each who remains to bear witness in his life to the uplifting influence of Cornell University.

CORNELL ALUMNI NEWS.

Incorporated 1902.

SUBSCRIPTION, — \$2.00 PER YEAR.

Single copies, ten cents each. Foreign postage, 40 cents per year. Subscriptions payable in advance.

Should a subscriber desire to discontinue his subscription, notice to that effect should be sent before its expiration. Otherwise it is assumed that a continuance of the subscription is desired.

Checks, drafts and orders should be made payable to the Cornell Alumni News.

All correspondence should be addressed—
Cornell Alumni News,
Ithaca, N. Y.

Office: 111 N. Tioga St.

ADVISORY BOARD.

JOHN D. WARNER, '72.....New York
JOHN C. BRANNER, '82.....Palo Alto, Cal.
CHARLES H. HULL, '86.....Ithaca
FREDERICK V. COVILLE, '87.....Washington
GEORGE J. TANSEY, '88.....St. Louis
HARRY L. TAYLOR, '88.....Buffalo
PERCY HAGERMAN, '90.....Colorado Springs
DAVID F. HOY, '91.....Ithaca
LOUIE E. WARR, '92.....Worcester, Mass.
HERBERT D. LEE, '99.....Buffalo
GEORGE WINKLER, '02.....Pittsburg

EDITOR.

HARLAND B. TIBBETTS, '04.

ASSOCIATE EDITOR.

HERBERT C. BROWN, '05.

BUSINESS MANAGER.

JOHN L. SENIOR, '01.

Entered as second class matter at Ithaca P.O.

Ithaca, N. Y., JUNE 7, 1905.

TRUSTEE BALLOTS DUE.

The attention of all Cornell alumni is called to the fact that votes for alumni trustee must be in the hands of the treasurer by noon of the Monday preceding Commencement day—that is, Monday, June 19. No ballots will be received after that date and hour by the treasurer or the canvassing board.

As already stated the candidates in the field for the two positions are the following five: John H. Barr, '89; Willard Beahan, '78 (re-nominated); Leland O. Howard, '77 (re-nominated); Thomas McNeil, 3d, '95, and Robert T. Morris, '80.

Enough has been published about the candidates in the past few months so that alumni should be able to select two whom they favor for the positions. They may comfort themselves by reflecting that with so uniformly excellent a ticket it is impossible to make a mistake, however one votes.

AN ALUMNI CONFERENCE.

By this time doubtless every alumni association throughout the country has received a letter from the Washington

alumni asking cooperation in the movement for a general conference at Ithaca in June. As announced in the NEWS two weeks ago, the Washington association took the initial step by deciding to send two delegates to Ithaca at Commencement time to confer with representatives from other organizations in all parts of the country.

This action was the result of a suggestion contained in Mr. H. J. Messenger's letter to Cornell alumni, which appeared in the anniversary number of the ALUMNI NEWS. He said:

"If it would not be duplicating the work of the class secretaries, it might be well for each local alumni association to elect annually an alumni representative, and these representatives could hold meetings to consider various plans for strengthening the association and making it of more value to the University. In particular they might see that questions to be brought before the general alumni meeting are carefully considered beforehand and are presented to the meeting in proper form.

"It occurs to me that it is at least worth while to consider the question of having a general convention at Ithaca, say some time in May of each year, to be attended by the trustees, the deans of the various departments, the class secretaries and the representatives of the local organizations. At such a convention there could be a general interchange of opinions, a full and free discussion of the University's interests and needs and any action taken which might seem necessary. While this is offered only as a suggestion for consideration, I believe something along these lines would be of the greatest value to the University and all its interests."

This year it is proposed to test the idea by holding the conference during Commencement week, in order that the representation may be as large as possible. We trust that the appeal of the Washington association for cooperation in this movement will meet with general support throughout the country, for many are the benefits which might come from a general conference of this sort.

The older and more flourishing alumni associations have a great many ideas and suggestions which would prove of inestimable benefit to the newer organizations in other sections of the country. Nor is it always true that mere seniority in age implies prosperity in such a body. Some of the clubs that have been organized within a year or so have leaped at once into the front rank of Cornell alumni as-

sociations, in spirit and enterprise at least, if not in numbers.

The aid of the ALUMNI NEWS is frequently invoked by the organizers of a new Cornell alumni association in some sections of the country. We are always glad to furnish geographical lists of names and addresses of men who would be eligible, so far as we can ascertain them, and to help boom the movement through the columns of the paper; but when it comes to practical suggestions looking to successful and efficient work, we usually refer the inquirer to the officers of some other prominent alumni association, as being the best advisers along that line.

The proposed convention in June, if it is generally attended by delegates from every part of the country, will result in an interchange of ideas that will be mutually helpful. If any new associations are about to be formed, it would be well for some of the leading spirits to be on hand at the conference, in order that they may profit at the very outset by the experience of their sister organizations.

Another benefit to be derived from a general conference, and one that is emphasized by Mr. Messenger, is in strengthening the General Alumni association which meets in Ithaca each June, and in discussing general questions of University policy. These questions might be threshed out to better advantage in a small meeting of delegates from all parts of the country than in a general assemblage of several hundred alumni. After careful consideration, the delegates might make recommendations to be acted upon at the general meeting later.

A Communication.

TO THE EDITOR OF THE ALUMNI NEWS.

Sir:—I have noted an editorial in the ALUMNI NEWS of May 17, recommending the limiting of the number of women to be elected to the Phi Beta Kappa society. While appreciating the efforts of the NEWS to give more prominence to the Phi Beta Kappa, I wish to protest against the step here proposed as decidedly unfair. The view that the mental differences of the sexes make competition between them unfair is not sound. We all have a right to be judged as individuals by our work and not *a priori*.

While it is true that there are more men than women in the Arts course, not all the studies in the Arts course count towards a Phi Beta Kappa key, and in those that do the women are in the majority, or were at least, while I was at the University. The reason why the Phi Beta Kappa is no more prominent at Cornell is that so few Cornell men have felt able to devote four years to the study of the humanities. There are at present signs of a revival of interest in the humanities, of which the article in the Daily Princetonian, referred to, is probably one, and such a revival will in time result in an increase of interest in the Phi Beta Kappa. It must further be remembered that the prosecution of a large proportion of the courses in these studies has been made possible only by the presence of women at the University and that to refuse them equal opportunities, either now or at any future time, when the proportion of men in the courses may increase, would not be to the credit of Cornell or of its chapter of the Phi Beta Kappa.

None of the above remarks are intended as a reflection upon the author or authors of the editorial in question.

I am, sir,

CHARLES PAGE HILLER,
P. B. K., '01.

To the Class of 1880.

The committee in charge of the reunion of the class of 1880 has been unable to secure the addresses of the following members of the class:

E. C. Barto, F. E. Baxter, Hagar Bouck, A. G. Boyer, W. C. Bradley, W. D. Buckley, J. T. Caine, E. B. Cary, G. W. Cole, Wilbur Collins, R. H. Farquhar, W. H. Fox, G. W. Freeman, G. B. Gould, Charles Hall A. W. Hutchins, P. Kuppenheimer, F. C. Lawrence, M. Longstreet, A. R. Martin, M. L. Mason, J. McChesney, O. A. P. de Mendes, F. P. Meisch, P. Rutlich, W. H. Rumff, F. G. Tallman, F. S. Thomas, P. H. Tilton, M. L. Wieder, Henry White, O. S. Wise.

Any information which the readers of the ALUMNI NEWS may furnish will be gratefully received.

FRANK IRVINE,
Acting Secretary.

Ithaca, N. Y.

A New Middle English Reader.

The Macmillan company has just issued an attractive volume of 595 pages, entitled "A Middle English Reader," edited, with grammatical introduction, notes and glossary by Dr. Oliver F. Emerson, '91, now professor of rhetoric

and English philosophy in Western Reserve University, Cleveland. The introduction, consisting of 120 pages is based on lectures which, in their original form, were delivered in Cornell. The reader is unique in that it lays special emphasis on the Midland dialect which, becoming the medium of important literature as early as the middle of the fourteenth century, and the foundation of modern standard English, is thus of prime importance for both linguistic and literary reasons for at least six centuries.

Of the thirty-one texts thirteen represent Midland in general, four the dialect of London in which Chaucer wrote, six the northern dialect (one of these from Barbour's Bruce, illustrating early Scottish), and eight the Southern dialect, including Kentish. This leaves little to be desired in the way of variety. The texts are faithful transcripts from the best manuscripts. Long vowels are marked throughout. Notes and glossary are unusually full and should be found accurate and trustworthy. One has only to compare this book with Kluge's recently published "Mittelenglisches Lesebuch" to see how superior in many respects the American book is to the German. It is most creditable to American scholarship. C. S. N.

Well Lathered
is half shaved. No man can be well lathered without the rich, thick lather of
WILLIAMS' SHAVING STICK

ROBERT H. HAZELTINE,
CORNELL '99.
Write him about **INSURANCE**
Whether you're insured or not.
ROOM 3 SAVINGS BANK BLDG., Ithaca, N. Y.

The Tompkins Co. National Bank
BEGAN BUSINESS
IN 1836.
Capital \$100,000.
Surplus and Profits \$125,000.

**PRESIDENT
WHITE'S
AUTOBIOGRAPHY**
2 Vols. - - \$7.50 Net
Carriage - - - 45c Extra.

SEND YOUR ORDERS
TO
TAYLOR & CARPENTER,
ITHACA, NEW YORK.

ITHACA
SAVINGS BANK.
(INCORPORATED 1868.)
ITHACA, N. Y.

FOWNES GLOVES
Are "a good thing to have on hand" and all good dealers have them on hand. . . .

H. J. BOOL & CO.
DESIGNERS AND MAKERS
Of Special Furniture for Dens, Libraries and Students' Apartments.
Opp. Tompkins Co. Bank, Ithaca, N. Y.
BUY OF THE MAKER.

JAS. H. OLIPHANT & CO.
Members N. Y. Stock Exchange.
20 BROAD ST., NEW YORK.
INVESTMENT SECURITIES.

Appointments Announced.

Trustees Make Appointments for Next Year—Numerous Vacancies Filled.

At a meeting of the executive committee of the Board of Trustees held last week, the following appointments to the instructing staff were made for the year 1905-06:

C. F. Hirshfeld, assistant professor of steam engineering promoted from an instructorship, *vice* T. M. Gardner.

G. S. Macomber, assistant professor of electrical engineering, promoted from an instructorship (with leave of absence for one year).

F. A. Barnes, assistant professor of civil engineering promoted from an instructorship.

A. W. Boesche, instructor in German, *vice* G. M. Howe, on leave of absence for one year.

Haldor Hermannsson, instructor in Scandinavian languages.

R. S. Pattison, C. A. Pierce, H. G. Dorsey and E. C. Crittenden, instructors in physics, *vice* H. H. Cochrane, G. L. Manning, L. W. Hartman, and to fill one of two new instructorships created, respectively.

T. G. Delbridge, L. F. Hawley, in-

structors in chemistry, promoted from assistantships.

B. S. Butler, instructor in geology and physical geography, *vice* G. D. Hubbard.

W. S. McCourt, instructor in practical geology and mineralogy, promoted from an assistantship.

Dana M. Evans, general assistant in physical culture and wrestling instructor, *vice* Mr. Hastings.

M. Dresbach, instructor in physiology in Medical College, *vice* Messrs. Gaby and Miller.

A. E. Wells, superintendent of shops.

A. E. Flowers, S. R. Dodds, G. B. Upton and H. H. Cochrane, instructors in experimental engineering.

A. M. Buck, jr., instructor in electrical engineering, *vice* R. Rankin.

F. W. Parsons and S. G. George, instructors in civil engineering, *vice* G. G. Smith and A. H. Beyer.

ASSISTANTS.

W. W. Rogers, ancient history, *vice* R. W. Willard.

W. L. Whittlesey, politics, *vice* F. H. Hiller.

G. P. Watkins, political economy and statistics, *vice* W. W. Gail.

C. C. Huntington, political economy and finance, *vice* A. C. Muhse.

T. J. Hassett, political economy and

finance, *vice* W. Neff.

E. C. Colpitts, mathematics, *vice* O. P. Akers.

F. R. Sharpe and W. M. Carruth, mathematics, *vice* Professor Tanner on leave of absence for a year.

C. W. Waggoner, P. I. Wold, C. W. Palmer and L. C. Roberts, physics, *vice* Messrs. Pattison, Dorsey, Pierce and Crittenden, promoted to instructorships.

M. J. Brown and E. E. Randolph, chemistry.

D. Reddick and H. H. Smith, botany, *vice* Messrs. Lewis and Burnham.

A. H. Wright, neurology and vertebrate zoology *vice* A. M. Bean.

L. Reincke, geology, *vice* Mr. Pacheco.

F. H. Baker boxing (department of physical culture).

I. O. Chorman and J. L. Elwood, military science, *vice* Messrs. Hillebrand and Wright.

C. F. Landmesser, military science.

J. H. Hathaway, assistant demonstrator in anatomy, *vice* W. H. Carveth, and assistant in histology and embryology, *vice* W. C. Thro.

E. V. Sweet histology and embryology *vice* S. G. Winter.

F. H. McNair, physiology and pharmacology in Veterinary College, *vice*

LEHIGH VALLEY-GRAND TRUNK

DOUBLE TRACK LINE TO

DETROIT, CHICAGO AND ALL POINTS IN THE WEST

FAST VESTIBULED TRAINS, carrying through PULLMAN SLEEPING CARS, DINING CARS and DAY COACHES from Ithaca to Detroit and Chicago.

THE ONLY LINE RUNNING BETWEEN ITHACA AND CHICAGO WITHOUT CHANGE OF CARS.

Diagrams of Pullman Sleeping Cars are open at the Lehigh Valley R. R. Ticket Office, Ithaca, N. Y.

ALL STUDENTS, who Reside in the WEST, should use this line in making their trip home to spend their SUMMER VACATION.

Make your reservations for PULLMAN SPACE early, to the end that ample equipment is supplied.
BAGGAGE CHECKED THROUGH TO DESTINATION.

Full information can be had at the CITY TICKET OFFICE of the Lehigh Valley R. R., Ithaca, N. Y., or from

ROBERT BUSHBY, Traveling Passenger Agent,

Grand Trunk Railway System, CORTLAND, N. Y.

Dated, May 29th, 1905.

DIEGES & CLUST

25 John St. N. Y.

Jewelers and Silversmiths.

" If We Made It, it's Right "

Fraternity Pins, Class Pins, Medals, College Seals, Watches, Diamonds and Jewelry.

Cups and Trophies.

THE CO-OP

has been since its organization in 1895 **The Student's Store.**

It is owned by students ; managed by a board of directors chosen from students and faculty ; its profits are divided among the students. It has saved THEM thousands of dollars.

It now offers its services to ALUMNI. Its facilities for promptly filling all mail orders for books and other supplies, at the most reasonable prices, are excellent.

Cornell Co-Operative Society,

MORRILL HALL, ITHACA.

'96 **PATENTS ? ?** '96
'96 **HAVE YOURS SOLICITED** '96
'96 **BY AN ATTORNEY WHO IS A** '96
'96 **SIBLEY GRADUATE** '96
'96 **And benefit by his Sibley M.E. training** '96
'96 **JAMES HAMILTON, M.E., LL.B.,** '96
'96 **M.E. (Cornell) Class of '96.** '96
'96 **Mem. A. S. M. E. Assoc. A. I. E. E.** '96
'96 **Late Lect. on Patents B. U. Law School.** '96
'96 **NEW YORK, WASHINGTON.** '96
'96 **31 Nassau St. Loan & Trust Bldg.** '96

The Jones Summer School

Twenty-First Session July 5th-Sept 25th

OBJECTS OF THE SCHOOL.

This School is entirely distinct from the Summer Session of Cornell University, and the work of the University classes is not duplicated. It is for three classes of pupils.

1. Candidates for admission to Cornell University who lack some of the entrance requirements.

2. Students who, by reason of illness, change of course or other cause, have deficiencies to make up.

3. Candidates for the University undergraduate scholarships who wish to review their studies just before the examinations.

The classes meet in Barnes Hall on the University grounds. Address

GEO. W. JONES, ITHACA, N. Y.

Mr. Milks.

W. B. Mack, pathology and bacteriology in Veterinary College, *vice* Mr. King.

C. H. Taylor, surgery in Veterinary College, *vice* Mr. Case.

G. A. Callagan, mechanic in experimental electrical engineering.

Margaret I. Colquhoun, clerk in experimental and electrical engineering.

Dr. Emily Dunning Barringer, medical examiner at Sage College, *vice* Dr. Elma Griggs.

At a previous meeting of the executive committee of the University Board of Trustees, the following business was transacted:

Professor W. A. Finch was granted leave of absence for the academic year 1905-6.

R. J. McNitt, '03, was appointed instructor in electrical engineering to take the place of G. S. Macomber, who has been granted leave of absence for the remainder of the year.

Miss Minerva Stubbs was appointed assistant in the accession department of the University Library.

Professor J. E. Creighton and C. E. Ferree, '03, resigned their appointments to the staff of the 1905 summer session. Professor E. B. McGilvary, and J. H. Coffin, assistant in psychology, were appointed to fill their places.

Besides the above routine business two recommendations of the College of Arts and Sciences were adopted as follows:

First—That courses in astronomy now offered in the College of Civil Engineering be opened to all duly qualified students in Arts by the appointment of the instructor in astronomy in that college as the instructor of astronomy in the College of Arts and Sciences.

Second—That the assistant professor of chemistry in its relation to agriculture in the College of Agriculture be made a member of the faculty of the College of Arts and Sciences.

The final University examinations began on Monday, June 5, and will continue until Thursday, June 15. Senior week will open with the baccalaureate on Sunday, June 19, and the thirty-seventh annual Commencement will be held on Thursday, June 22. Regular instruction was suspended last Saturday.

THE ANNUAL MEETING

OF THE STOCKHOLDERS OF THE

Cornell Alumni News Publishing Co.

for the election of directors for the ensuing year, and for the transaction of such other business as may properly come before the meeting, will be held at the office of the company, No. 111 North Tioga Street, in the city of Ithaca, N. Y., on the 21st day of June, 1905, at nine o'clock in the forenoon.

JOHN L. SENIOR,
Dated May 27, 1905 [2-w] Sec'y & Treas.

C & V

New spring Shoes and Oxfords have individual style to the man who wants the newest in Footwear. **Prices \$3.50 to \$6.00**

COLLINS & VORHIS,

204 E. STATE ST., ITHACA, N. Y

Michigan Central

The Niagara Falls Route.

The Short and Direct Line to Detroit, Michigan Points, Chicago and the West.

The Students' Favorite Route.
For rates and information inquire of local agents or write

O. W. RUGGLES, G. P. & T. Agt. Chicago.
W. H. UNDERWOOD, G. E. P. Agt. 486 Ellicott Square, Buffalo.

SEABOARD

AIR LINE RAILWAY.

Shortest and most attractive route to

Southern Pines, Pinehurst and Camden

and

ALL WINTER RESORTS

in the CAROLINAS and FLORIDA.

Descriptive booklets and full information as to tourist rates, hotels, etc. can be had by addressing

W. E. CONKLYN,

1183 BROADWAY, NEW YORK CITY.

Brief University News.

Cornell defeated Harvard at lacrosse on Monday of last week by a score of 6-4. As a result of this victory Cornell, Columbia and Harvard are tied for first place in the Intercollegiate Lacrosse league.

Professor Pais of the University of Naples, Italy, visited at Cornell last week. Professor Pais is making a study of the larger American universities in the interests of the educational department of the Italian government.

President Schurman is in receipt of a letter from the managing editor of the Philadelphia Press stating that as the editor does not think the paper's work has been handled in a satisfactory manner in Ithaca, he has appointed a new correspondent for the Press in this city.

Economic Geology is the title of a new magazine, the first number of which is soon to appear. The periodical will be devoted to the practical side of geology. The board of editors includes Professor Heinrich Ries of Cornell and Professor Kemp formerly of Cornell and now of Columbia.

Miss L. R. Loomis, A. M., of Barnard College, Columbia University, has been appointed to the vacancy in the wardenship of Sage College caused by the resignation of Miss Harvey. Miss Loomis was born and educated in Japan. She later entered Wellesley College, from which she was graduated in 1897. She took an A. M. degree at Columbia in 1902, and in 1903 a Ph. D. degree from the same institution. During the past year she has conducted a course in history at Barnard College.

The Cornell cricket team has closed its season and B. C. Close of Sydney, Austratia, will captain the team in 1906. The team recently returned from a tour on which the Livingston Field club, Pennsylvania, Haverford and Frankfort were played. In the last match the Frankfort eleven was defeated by a score of 180 to 90. The Ithacans, after three days of practice on the turf, became accustomed to it and rolled up a large score against the professional Pacey, who coached Cornell early in the season. The match with Haverford was left unfinished, owing to rain. Pennsylvania defeated Cornell by a score of 318 to 61, and the match with the Livingston Field club was a draw.

At a recent meeting of the Cornell Athletic association the following officers were re-elected for the ensuing year: President, Judge Frank Irvine, '80; graduate treasurer, Charles H. Blood, '88; graduate secretary, John L. Senior, '01; baseball advisor D. F. Hoy, '01; track advisor, Professor E. L. Nichols, '75; navy advisor, Judge Frank Irvine, '80, and football advisor, B. S.

Cushman, '93. L. Woodland, '06, was elected track manager; H. J. Wise, '06, manager of the crews, and J. D. Coffin, '06, manager of baseball. A resolution was adopted for the appointment of a committee to select suitable insignia for second Varsity teams, the members of which compete in intercollegiate contests.

Professor Maurice J. Prevot of the College of Architecture has just been awarded a second medal for drawings exhibited at the French Salon this spring. The drawings were made in competition for the Grand Prix de Rome last year, and were a notable feature of the exhibition here at Cornell during the past winter. To have a drawing or a painting accepted and hung at the Salon is in itself a coveted honor, but the winning of a medal places the author "*hors de concours*" and gives him the privilege of exhibiting his work at the Salon without submitting it to the judges. The honor conferred upon Professor Prevot in this instance is the greater because of the fact that a medal is seldom awarded to drawings made "*en loge*," that is, not especially for the Salon.

The "Fleur-de-Lis," the schooner owned by Dr. Louis Stimson of the Cornell medical faculty in New York city, and mentioned in last week's News, crossed the finish line of the trans-Atlantic race at 2:48 a. m. Thursday, June 1. She took a northerly course and encountered severe weather. Three of her sails were carried away and several members of the crew were severely injured. Dr. Stimson and his daughter were battened down in the cabin for two days. A newspaper account says: "The dauntless little yacht, held without a moment's flinching to her whole task by Captain Bollin and his sixteen Gloucester fishermen, brought the only woman who has ever taken part in an international yacht race safe to the goal in the gray dawn of a wet, squally morning."

On Friday, May 26, the Cornell College of Agriculture held a picnic for the school children of the first district of Tompkins county, together with their parents and teachers. One purpose of the affair was to show the visitors the Campus and to give the children an elementary lesson in nature study and the other branches of work which the college is so successfully carrying on. The picnic was a tremendous success. The fact that 500 visitors were expected and 1,200 actually came abundantly proves this. During the forenoon the Campus was fairly alive with the delighted children and their escorts. The program for the day included an address of welcome by President Schurman, remarks by Director Bailey, an illustration of "bird music" by Louis A. Fuertes, '97; stereopticon pictures by "Uncle John" Spencer and other interesting features.

Cornell Alumni Notes.

'80—C. J. Pennock is now in the real estate, loan and investment business at Kennett Square, Pa.

'81, B. Agr.; '91, M. S. in Agr.—The residence in Reservoir avenue of Professor H. H. Wing of the Cornell College of Agriculture was partially destroyed by fire last week. Owing to the poor fire protection afforded University property, the blaze, which would otherwise have been quickly quenched, was allowed to burn freely for nearly half an hour before fire-fighting apparatus was on the scene. A wood fire had been built in the furnace early in the day, and Professor Wing believes the blaze can be traced to this cause. The damage is estimated at \$5,000. Professor Wing and his family have taken temporary quarters at Cascadilla.

'91, M. E.—Edwin Yawger and Louis Brinsmaid, M. M. E., '97, were at Sibley College recently interviewing Seniors with a view of engaging them for work with the Westinghouse Machine company of Pittsburg.

'91, B. S.—In the May number of the Bulletin of the American Mathematical society, Professor James Pierpont of Yale University reviews Professor J. H. Tanner's recently published elementary algebra. After pointing out the difficulties of writing a book on this subject, he goes on to say: "The present volume is a noteworthy and precious contribution. With ample knowledge of the foundations of the subject, with wide experience of the needs of the pupil, and, above all, with a rare mathematical tact, which here is a *sine qua non*, Professor Tanner has written a book which affords us very sincere pleasure in reading, and which seems to us superior to any English or American elementary text-book on this subject which we have as yet seen. What strikes one most noticeably is the thoroughly scientific spirit of its author, the seriousness of his purpose and the simplicity and clearness of his exposition. We believe it must be a dull pupil who is not interested by the author's quiet but fascinating style. The book is indeed a veritable little classic in this respect."

'92, M. E.; '94, M. M. E.—The current issue of the Electrical World and Engineer contains an extended notice concerning the life and work of Edwin B. Katte. The article is one of a series on "Electrical Engineers of the Times." After graduation from the University Mr. Katte travelled through Switzerland and Germany, later returning to Cornell to take his Master's degree. He then entered the establishment of Henry R. Worthington. In the early part of the year 1896 he became assistant engineer in charge of the erection of the superstructure of the Park avenue viaduct of the New York Central and Hudson River Railroad

company. Two years later he accepted a position in the drafting room of the New York Central, whence he was later advanced to the position of assistant engineer in charge of water supply. In 1898 he was appointed mechanical engineer in the engineering department of the New York Central. Mr. Katte's most important appointment and that which he now holds is electrical engineer and secretary of the Electric Traction commission of the New York Central and Hudson River Railroad company, under whose direction he has immediate charge of the electrical and mechanical engineering corps engaged upon the work of electrification of the various lines of that company in New York city and vicinity, this great undertaking including two central power stations, eight sub-stations and the electric locomotives, car equipment and the third rail and transmission systems for the same. Mr. Katte is a member of the American Society of Mechanical Engineers and the American Institute of Electrical Engineers.

'93, A. B.; '98, Ph. D.—Professor Clark S. Northup is to deliver the alumni anniversary address at Hartwick seminary, Otsego county, on June 20, on the subject, "The Arthurian Legends in Modern English Poetry." He has also been invited to take part in

the discussion of "Desiderata in Bibliography" at the meeting of the Bibliographical Society of America to be held in Chicago on June 26-27.

'93, M. S.; '97, D. Sc.—Dr. Ernest Fox Nichols, professor of physics at Columbia University, has been awarded the Ernest Kempton Adams fellowship recently established in Columbia by E. D. Adams in memory of his son. Professor Nichols is at present on a leave of absence and is working at Cambridge University.

'94, M. E.—Carney Hartley announces a change of address from 5543 Indiana avenue, Chicago, Ill., to 2222 Fairfax avenue, Morgan Park, Ill.

'95, Ph. B.—The marriage of Miss Agnes Avery, '95, daughter of Sanford S. Avery, B. S., '70, of Flushing, N. Y., to Joseph G. Pierce took place on May 23. Mr. and Mrs. Pierce will be at home after September 1 at Klamath Falls, Ore.

'96, M. E. (E. E.)—Carlos W. Van Law is connected with the Guanajuato Reduction and Mines company, Guanajuato, Mexico.

'96, M. E.—Frank D. Connor is now with the W. B. Hunt company, mechanical engineers, of 66 Broadway, New York city. He is located temporarily in Dunkirk, N. Y., at the Erie hotel.

'96, B. S. in Arch.—V. E. Thebaud has been placed in charge of a branch office of W. T. Mills, a prominent architect of Columbus, O., in Newark, N. J.

'97, M. S. in Agr.—Mr and Mrs. H. P. Gould were in the city last week visiting the Cornell College of Agriculture. Mr. Gould is connected with the Department of Agriculture in Washington with special interest in the fruit-growing industry of the country.

'98 Ph. D.—Samuel J. Barnett, assistant professor of physics in the department of physics in Leland Stanford, Jr., University since 1900, has resigned his position and has accepted a call to Tulane University, New Orleans, La., where he will have charge of the department of physics.

'99, B. S.—Miss Anna M. Crane is now addressed at 55 South avenue, Bradford, Pa.

'99, M. S. in Agr.—"An Apple Orchard Survey of Wayne county, N. Y.," is the title of a recent publication of the Cornell College of Agriculture, prepared under the direction of Professor John S. Craig. The bulletin comprises more than 180 pages and is profusely illustrated.

'00, B. S.—R. C. Glazier is now engaged in the coke business. He is superintendent of the Cambria by-product

Over 1,000,000 Endowment Policies

are in force in this country, representing ultimate accumulations of over Two Billion Dollars. Wouldn't you like to join this vast army of money savers? The most progressive, enterprising, farsighted and successful young men of America are included in its ranks. Send Coupons for Information.



Of those who take out Endowment Insurance at 30, 80 per cent. live to reap the reward of their foresight at the end of twenty years.

The Prudential

INSURANCE CO. OF AMERICA.

Home Office, Newark, N. J.

Incorporated as a Stock Company by the State of New Jersey.

JOHN F. DRYDEN, President.

Without committing myself to any action, I shall be glad to receive free particulars and rates of Endowment Policies

For \$.....

Name..... Age.....

Address.....

Occupation..... Dept. 124

YOUR INVENTION.

MAY BE WORTHY OF A

PATENT

INQUIRE OF

**DELBERT H. DECKER, Ph. B., LL. B.,
'84.**

Loan and Trust Bldg., WASHINGTON, D. C.

H. GOLDENBERG,

University Tailor,

209-211 DRYDEN ROAD, ITHACA, N. Y.

Alumni News Readers must have heard of **TODD'S PHARMACY**—ere this—but did you hear what a good one it is.

CORNELL FLAGS; of the true Carnelian hue. Mailed everywhere, without expense. Sizes—6x17 felt 50c, silk 75c. 9x27 felt 75c, silk \$1.50. 11x30 felt \$1.00, silk \$2.00. 20x65 felt \$3.50, silk \$5.00. 24x54 felt \$3.00. 36x72 felt \$4.00. Either letters white on red, or red on white.

C. R. SHERWOOD ITHACA, N. Y.HOWARD COBB. LOUIS SMITH.
CLARK SLOCUM.**CORNELL LIVERY.**

First-Class Livery, Hack and Boarding Stables. Bike Wagons. Only Four-in-Hands in City. **213 S. TIOGA ST.** Telephone 55. Both Phones. We earnestly solicit your patronage.

SONGS OF CORNELL

Words and Music.

SONGS OF CORNELL

Words only.

All the Latest College Songs, Marches, Waltzes, Etc.

LENT'S MUSIC STORE,
122 N. AURORA ST.**COLLEGE SHIRTS.**

Write for samples and measurement blank.

CLARENCE E. HEAD,

109 N. AURORA ST., ITHACA, N. Y.

Your credit is good at the Empire State House-furnishing Co. No matter what your circumstances are, or whether you want \$5.00 or \$5,000 worth of goods.

plant at Johnstown, Pa., and has been prominently identified with the upbuilding of this plant. This plant is considered one of the largest coke plants in America.

'01, M. E.—Fred C. Perkins is master mechanic of the Arnold Iron Mining company at the new town of Arnold, Clinton county, N. Y.

'02, A. B.—Miss Jessie Campbell Wilson is now located in Grand Haven, Mich.

'04, A. B.—Miss E. B. White is teaching school at Walnut Spring, Marshall, N. C.

'04, A. B.—Miss J. M. Wheeler is addressed at 778 Main street, Worcester, Mass.

'04, C. E.—James B. Thomas is addressed at 1803 Park avenue, Philadelphia, Pa.

'04—William B. Taber is now addressed at 140 Munroe street, Brooklyn, N. Y.

'04, M. E.—W. A. Whittlesey is with the Pittsfield Electric company at Pittsfield, Mass.

'04, A. B.—Miss A. M. Watt is addressed at 496 East Seventeenth street, Brooklyn, N. Y.

'04, M. E.—C. P. Wood is addressed in care of the Buckeye Cotton Oil company at Macon, Ga.

'04, C. E.—F. C. Wight is addressed at "The Melton," 318 New York avenue, N. W., Washington, D. C.

'04, A. B.—Miss N. C. Wood is teaching school at Worcester, Mass. Her address is 778 Main street.

'04, C. E.—C. R. Weidner is assistant engineer with the National Transit company at Independence, Kan.

'04, M. E.—H. M. Wood is with the Niles-Bement-Pond company at 1919 Spring Garden street, Philadelphia, Pa.

'04, C. E.—Fred T. Connor has changed his address from Evanston, Ill., to Waltonville, Jefferson county, Illinois.

'04, M. E.—C. Wineburg is with the Deane Steam Pump works at Holyoke, Mass., being addressed at 202 Appleton street.

'04, A. B.—D. T. Wells is on the staff of the New York Evening Sun, and is addressed at 120 Amity street, Brooklyn, N. Y.

'04, C. E.—C. L. Walker is recorder on the United States lake survey, and is addressed at 33 Cambau building, Detroit, Mich.

'04, A. B.—C. S. Wilson is pursuing graduate work in horticulture in the University and is addressed at 91 Waite avenue, Ithaca.

'04, M. E.—D. S. Wood is with the Niles-Bement-Pond company at Plainfield, N. J. He is addressed at 602 Central avenue, in that city.

'04, M. E.—Irving Warner is an engineer with the Charles Warner company, and is addressed at 1202 Delaware avenue, Wilmington, Del.

ARE YOU SORE?

—USE—

Paracamph**FIRST AID TO THE INJURED.**

Relieves quickly

Sore Muscles, Sprains, Bruises, Cuts and Swellings.

Paracamph when applied, opens the pores, penetrates to the interior cells, soothes and oils the muscles, removes discolorations, congestion, and draws out all inflammation by inducing perspiration. Heals wounds without leaving ugly scars.

IT ACTS QUICK.

25c., 50c. and \$1.00 Bottles.

ALL GOOD DRUGGISTS.

THE PARACAMPH COMPANY,

LOUISVILLE, KY., U. S. A.

I beg to announce that our real estate department will be pleased to buy, sell or rent real estate for clients.

GEORGE S. TARBELL, Attorney,

TRUST CO. BUILDING,

ITHACA, N. Y.

**Choice Cut Flowers,
Decorative Plants,
Floral Designs, etc.**

Complete Assortment at Reasonable Prices.

THE BOOL FLORAL CO.,

ITHACA, N. Y.

ZINCK'S CAFE.

Same Old Popular Place.

WM. C. SAUER, PROPRIETOR.

108-110 N. AURORA ST.

Our Microscopes, Microtomes, Laboratory Glassware, Chemical Apparatus, Chemicals, Photo Lenses and Shutters, Field Glasses, Projection Apparatus, Photo-Micro Cameras are used by the leading Laboratories and Govern't Dep'ts Round the World

MICRO SCOPES

Catalogs

Free

Bausch & Lomb Opt. Co.

ROCHESTER, N. Y.

New York Chicago Boston Frankfurt, C'y