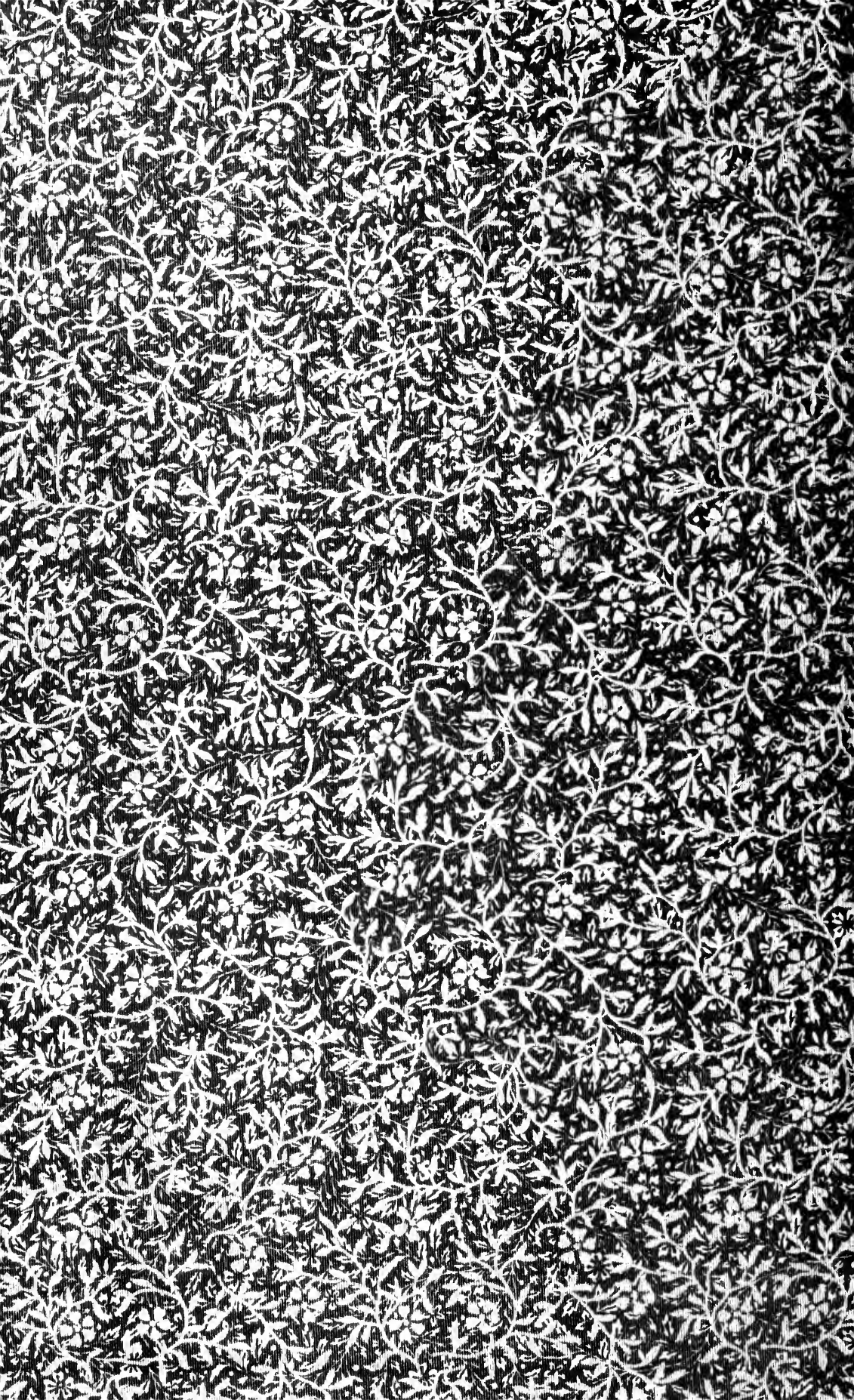
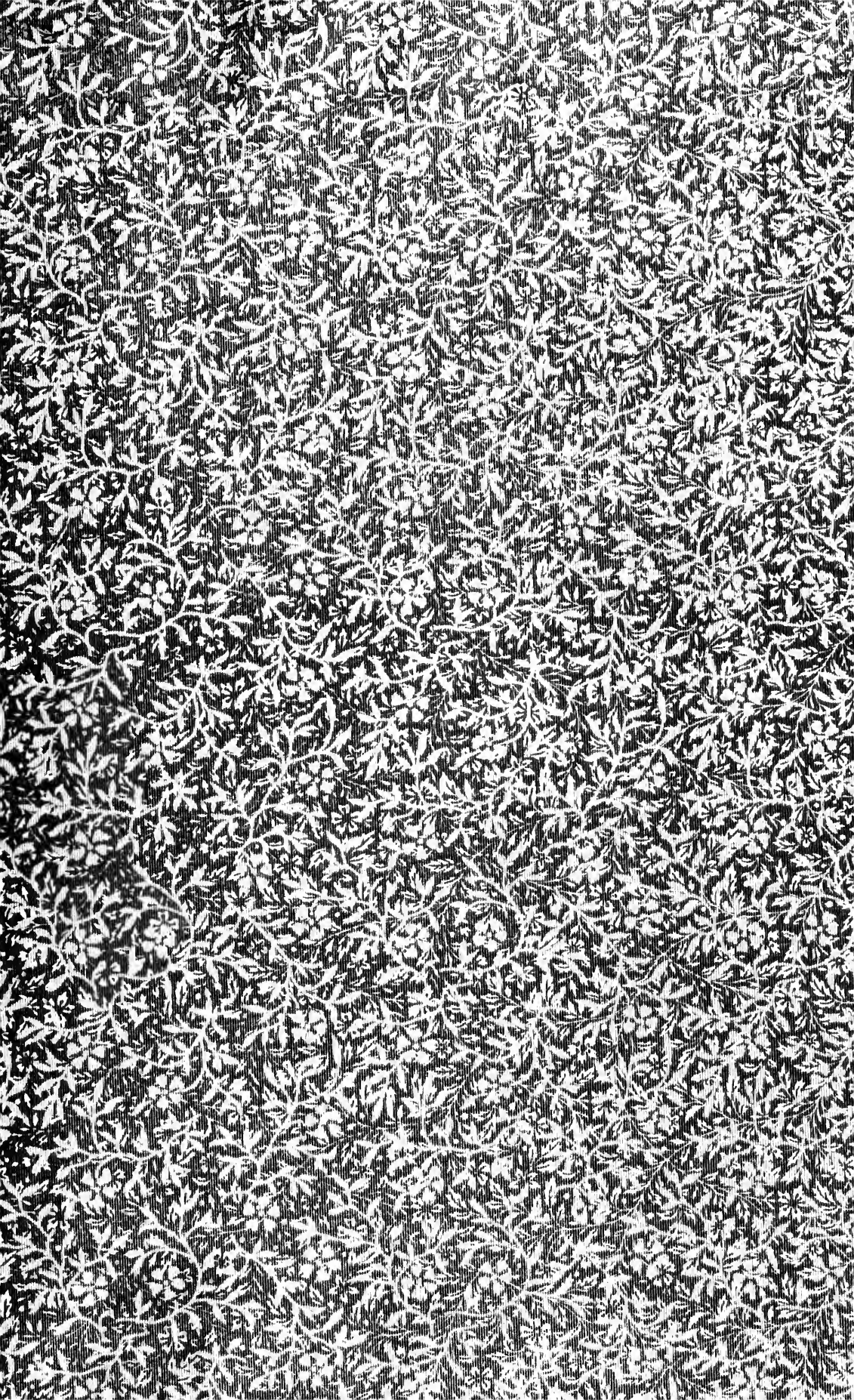


BROWN ALUMNI MONTHLY

◀ 1900 --- 1901 ▶





THE BROWN ALUMNI MONTHLY



DECEMBER 1900

VOL. 1, NO. 5

Brown University
Providence, Rhode Island

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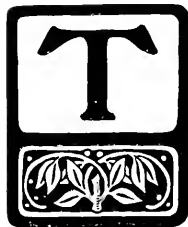
THE BROWN ALUMNI MONTHLY



VOL. I

PROVIDENCE, R. I., DECEMBER, 1900

No. 5



THE National Academy of Sciences met at Brown, November 20-22. Its annual meeting is always held in Washington, but its semi-annual meeting is held at one of the leading colleges

or universities of the country. This is the first time the Academy has met at Brown. The National Academy was incorporated by act of Congress, March 3, 1863, and "is required, whenever called upon by any department of the Government, to investigate and report upon any subject of science or art of public interest." Its membership is limited to one hundred. Its members are carefully selected from the most eminent scientists in the United States. At present there are ninety. Two are members of the Brown faculty, Prof. Alpheus S. Packard and Prof. Carl Barus. Dr. Packard has been professor of geology and zoology since 1878; Dr. Barus came to Brown in the fall of 1895, succeeding the late Prof. Blake as Hazard professor of physics.

At this session of the Academy twenty-one members were present, and some twenty papers were read. Prof. Packard presented two papers, and Prof. Barus three. All the papers were naturally devoted to highly specialized scientific topics, which were treated in an exceedingly technical manner. On the evening of the last day of the session the faculty tendered the members of the Academy a reception in the Lyman Gymnasium.

Prof. Fisher Resigns at Yale

The most important announcement made at the meeting of the Yale University corporation November 13 was that of the resignation of Rev.

Dr. George P. Fisher, professor of ecclesiastical history in the Yale Divinity School. Prof. Fisher is about to complete his forty-sixth year of service in connection with Yale, say the Yale Alumni Weekly. After graduating from Brown in 1847 and studying theology at Yale and elsewhere he became professor of divinity at Yale and pastor of the college church from 1854 to 1861. At the



REV. DR. GEORGE P. FISHER

latter date he was transferred to the chair of ecclesiastical history, which he has filled from that time to the present. Dr. Fisher is one of the most distinguished scholars connected with the university. He has received the degree of doctor of divinity from the University of Edinburgh, Harvard, Brown and Princeton, as well as doctor of laws from the latter university at the time of its sesquicentennial. He is the author of "The History of the Reformation," "The History of the Christian Church," "Outlines of Universal History," "The Grounds of Christian and Theistic Belief" and many other standard works in the field of Christian evidences and church history. Dr. Fisher's resignation will take effect a year from now, immediately after the close of the bi-centennial celebration. He was born in 1827 and is still in excellent health. The corporation appointed a special committee to draw up resolutions on Prof. Fisher's resignation. The MONTHLY congratulates the honored instructor on his long term of service.

Brown University Club of Boston.

The first of this season's meetings of the Brown University Club of Boston was held at the University Clubhouse, 270 Beacon street, Saturday evening, November tenth. This club, to which anyone at any time connected with Brown University as officer or student or who holds an honorary degree from the college is eligible, holds meetings usually on the second Saturday evening of each month from November to April inclusive, with the exception of February, in which month the Brown Alumni Association of Boston holds its annual meeting. The club was organized December 8, 1894. Its object is the promotion of good fellowship among the sons of Brown. From three to five meetings have been held each year, with an attendance ranging from 6 to 41 and averaging about 17. All the meetings have been held at the University Clubhouse on Beacon street. Besides the dinner there is singing and speaking at each meeting. This opportunity of frequent meeting should be more widely known and taken advantage of by the ever-increasing number of Brown alumni who are becoming residents of Boston and vicinity either temporarily as students or permanently as professional or business men. The officers of the club are: president, Fred H. Williams, '77; vice-president, James E. Leach, '74; secretary and treasurer, Howard P. Quick, '87, and an executive committee consisting of the president, the vice-president, the secretary and treasurer, Fred W. Woodcock, '91, and Henry J. Hoye, '95. The former presidents of the club are George A. Bacon, '67, Benjamin C. Dean, '64, William V. Kellen, '72, Edward L. Osgood, '67 and Rev. Edward L. Clark, '58.

Gifts to the University

Miss Candace Allen has presented to the university a portrait of her father, the late Hon. Zachariah Allen of the class of 1813, who held the office of trustee for the unprecedentedly long period from 1820 to 1882. The portrait is a fine piece of work by Miss Cornelia I. Green, daughter of Arnold Green of the class of 1858, and will be placed in Sayles Memorial Hall.

William Goddard, '46, chancellor of the university, has given \$1000 to the library for the purchase of specially-needed books.

Addresses Wanted

The editor of the address book has thus far been unable to ascertain the addresses of the following graduates. He requests any one knowing the addresses of these graduates to forward them to the Librarian of Brown University, Providence, R. I.

h '46, A. Dexter,	'64, J. K. Dorrance,
'48, A. S. Cushman,	'64, W. H. Underhill,
'52, H. A. Thomson,	'66, Evan Lewis,
'53, Asa Arnold,	'67, G. L. Hotchkiss,
h '53, A. F. Day,	'71, G. N. Campbell,
'54, D. L. Hickok,	'78, A. N. Fairbank,
'54, M. T. Taylor,	'79, J. M. Spencer, Jr.,
'55, G. S. Collins,	'81, P. S. Burbank,
'56, C. S. Forsyth,	'83, I. H. Leveen,
'57, Nath. Robbins,	'85, J. H. Lord,
'59, C. H. Brown,	'89, R. S. Fyfe.
h '60, G. A. Woodbridge,	

'97's Great Reunion

Much favorable comment was caused on last commencement day by the unusual celebration inaugurated by the class of '97. Everett Colby of New York, one of the most enthusiastic men of the class, determined to follow the example set by other large colleges on their commencements—notably that of Princeton. Mr. Colby accordingly engaged a band of some twenty pieces, purchased large Japanese fans and rattles for the entire class, and organized a procession that stirred up the campus and the ball game on Lincoln Field as they had never before been enlivened.

Ninety-eight and other classes absorbed the suggestion offered by '97, and it is expected that there will be two or three class processions at next commencement.

The triennial reunion held by the class of '97 the evening before commencement was a record breaker in more senses than one. Sixty men attended, which is the high-water mark reached by Brown triennials. The proportion of men attending compared with the total number graduated was in '97's triennial over one half. The usual attendance, as estimated by previous classes, has been from one-fourth to one-third of the entire class.

Van Wickle Gates

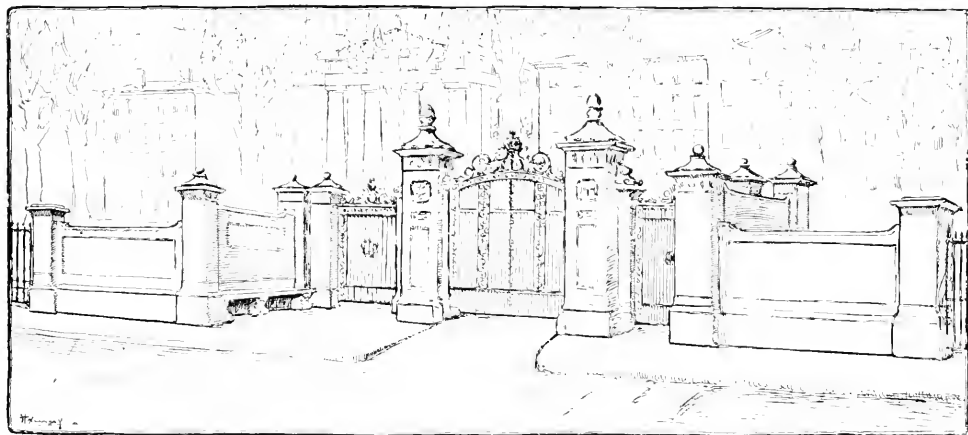
Work has now been in progress for some weeks on the foundation for the Van Wickle memorial gates at the main entrance to the front campus. The foundation will be put in place this winter, but the gates will not be erected until spring. The central portal will be used only on ceremonial occasions; the side entrances are designed for ordinary traffic. Each gate will have a canopy, and on the central posts will be displayed the state and college arms. The walls and piers will be of dark red brick, the base courses of granite and the trimmings and other finishings of Indian limestone. The total length of the structure will be 80 feet on the line of Prospect street, about

School, are about completed, but the building will not be begun before spring.

The new mansion for the President at the corner of Hope and Manning streets is nearly ready for occupancy. Trees have been planted in front of it and along Manning street, on the north side, from Hope to Thayer street, a great improvement. The material of the mansion is red brick.

The Walworth dormitory at the corner of Thayer and Manning streets has risen rapidly and the walls of the fourth and final story are now completed. The material is a light yellow mottled brick.

Occasional rumors of new fraternity chapter-houses are circulated. Several chapters are accumulating funds for building.



VAN WICKLE GATES

(Drawn by M. R. Halladay from the architects' revised design)

twice that of the old gateways shown on the front cover of the MONTHLY. The large piers will be three feet, six inches square, and the small piers two feet, four inches square. The gates will be of fine wrought iron and the effect of the whole is expected to be ornamental and attractive. The designers are Messrs. Hoppin and Koen of New York and Hoppin and Ely of Providence. The donor was the late Augustus S. Van Wickle of the class of '76.



Other Improvements

Plans for the Van Wickle administration building near the gates, on the site of the University Grammar

Christmas Trip of the Musical Clubs

As in recent years, the musical clubs of the university will make an extended concert trip during the Christmas vacation. This year they will give eight concerts in Virginia and North Carolina. The dates are as follows:—

- | | | | |
|----------|-----|--------------------|------------------------|
| December | 26, | Farmville, Va., | Y. M. C. A. |
| " | 27, | Danville, Va. | |
| " | 28, | Greensboro, N. C., | Presbyterian Church. |
| " | 29, | Durham, N. C., | Conservatory of Music. |
| " | 31, | Kaleigh, N. C. | |
| January | 1, | Fairburn, N. C. | |
| " | 2, | Wilmington, N. C., | Y. M. C. A. |
| " | 3, | Richmond, Va. | |

The clubs contain good material this year and a prosperous season is anticipated by the management.



THE BROWN ALUMNI MONTHLY



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BY THE

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ROBERT P. BROWN, Treasurer, Providence, R. I.

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Brown University, Providence, R. I.

There is no issue during August and September.

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DECEMBER, 1900

CLOSE OF THE FOOTBALL SEASON

The football season has been successful, though not altogether satisfactory. The eleven has done some excellent work, but would have done more if Coach Robinson had had greater assistance from Brown graduates.

The university believes that it has first-class football material and that this material lacks only proper training. Plans cannot be devised too early for the campaign of 1901. We must have coaches for every portion of the line and for the back-field. The schedule must be arranged so that the games shall form an ascending series with an appropriate climax. The men are said to have regarded the Chicago contest as the most important of the year, and yet it was played early in the season and was followed by games of minor interest and value.

There are enough former Brown players in the vicinity of Providence to coach every member of the eleven at least a few afternoons next season. There are also expert players, graduates of other colleges, who might give the team a few points during the year. To raise up an efficient body of Brown graduate coaches is an excellent scheme, but Brown is anxious to do something more than play close games with the "Big Four." Why, then, should it not avail itself of the skill and experience of Yale and Harvard experts, as Columbia and Cornell have done?

We do not want a teaching force in the university class-rooms made up entirely of Brown men. Such a policy would be narrowing and arrogant. Nor can we afford to ignore the assistance of expert football players of other universities, at least while the game at Providence is in more or less of a formative stage.

BROWN AND DARTMOUTH

Reports are in circulation of "strained relations" between Brown and Dartmouth. At the present time those who are best qualified at Brown to speak on the subject prefer to postpone for a while any public reference to it.

Still it ought to be said that any unfortunate occurrences of the recent past cannot be permitted to overshadow or blot out the remembrance of long years of pleasant relationship between the two colleges.

BRUNONIAN MUSIC

"Give us a history of Brown men who have made their mark in music," writes a correspondent. Albert Gorton Greene of the class of '20 composed the lines of that pleasing ditty of other days, "Old Grimes," and so closely associated is it with the tune of "Auld Lang Syne," that he might almost be called the dean of Brown's musical company. Professor

Gow, '84, of Vassar has composed some excellent songs. Principal Hosmer, '82, of the Pawtucket High School, has written several successful pieces of church music, and Mr. Corliss, one of our younger Brunonians, is making a wide reputation in light opera. His "Three Little Lambs" has, (or shall we say have?) had a great run in New York, and he is now engaged in writing another similar work.

NEW CHAPTER HOUSES

At the present time there is only one fraternity chapter house at Brown, the large brick building of Psi Upsilon at the corner of Thayer and Manning streets. At least three other societies are accumulating funds for the purchase of lots and the erection of buildings, but nothing definite has yet been announced as to the erection of any new houses.

A member of one of these societies

said the other day: "Yes, we have been at work on a fund for years. I don't know why something is not done by the more prosperous chapters toward the actual work of building, unless every society is afraid that if it makes a start some of its rivals will outdo it."

This is not a commendable motive, however natural it may be. Brown needs more chapter houses. Three or four, built near the campus, would add to the appearance of the university. Psi Upsilon, financially well equipped, erected a handsome building some years ago in a good locality. Let the building-funds of the other chapters be increased and chapter houses erected suitable to the needs of those who intend to occupy them. No matter whether the house of some other society is or is not more costly. Comparisons are just as odious and unnecessary now as they ever were.

Two Recent Brown Writers



WE are told that the Athenians of the first century of the Christian era 'spent their time in nothing else but to tell or to hear some new thing,'" says A. H. Nelson, Esq., '58, of Chicago, in the legal magazine, *The Green Bag*. "That eager search after novelty seems to have been a marked characteristic of the dwellers in 'the city of the violet crown,' for of their ancestors in the fourth and fifth centuries B. C. an eminent writer upon Grecian antiquities has said, 'The time of the Athenians was about equally divided between litigation and theatre going.'"

H. S. Babcock, Esq., '74, of Providence, is a poultry enthusiast. He has a profusely illustrated article on "Poultry Breeding in the United States" in the October *Outing*, and sums up the advantages of the business in this way:

"The reasons for the great develop-

ing interest in poultry breeding may be summarily given in the following propositions:

"1. Poultry breeding takes one into the open air.

"2. It is a self-supporting hobby.

"3. It opens, in a practical way, a new field of intellectual activity.

"4. It gratifies the normal human desire to be surrounded with living creatures.

"5. It enables one to employ talents akin to creative power.

"6. It leads to many agreeable contests.

"7. It gives all the members of the family a common object of interest.

"8. In a word, to sum up the seven foregoing reasons, it is, when undertaken as a hobby, a source of much pleasure, sufficiently manual to divert the overtaxed brain of a business or professional man, and sufficiently intellectual to stimulate and refresh the mind."

Fifty Years of D. K. E.

National Convention at Providence in Honor of Upsilon Chapter's Jubilee



THE fifty-fourth annual convention of Delta Kappa Epsilon was held in Providence, Nov. 14, 15 and 16, under the auspices of the D. K. E. Alumni Association of Rhode Island and the Upsilon Chapter of the fraternity at Brown. Delegates were present from 35 of the 38 Chapters, including those at Toronto, (the farthest north), Bowdoin, (the farthest east), the University of Mississippi, (the farthest south) and the University of California,

One of the chief incidents of the business sessions was the admission of a new chapter at McGill University, Montreal. Two of the applicants for a charter at McGill were present in Providence and attended the dinner Friday evening, after their society had been admitted to the fraternity. When they entered the dining hall they were greeted by such an outburst of enthusiasm as must have made them feel at once that their union with D. K. E. was more than merely formal. The convention rose en masse and gave them a D.



THE FOUNDERS OF Upsilon
Brown Chapter of D. K. E., 1831-52

(the farthest west). The president of the convention, which was held at the Trocadero on Mathewson street, was Willoughby G. Walling of the University of Chicago chapter, now a law student at Harvard.

K. E. cheer, three times three, with "McGill!" at the end.

The convention was genuinely enthusiastic from start to finish. A reception and dance were held Thursday evening and attended by the delegates

and nearly 500 Providence people. Reeves's orchestra furnished music for this occasion as for the dinner on Friday evening, at which time William Allan Dyer, Brown, '86, president of the D. K. E. Alumni Association of Rhode Island, acted as toastmaster. A hand-

Its birthplace was the old mansion at the corner of Weybosset (then Broad) and Dorrance streets, where the Narragansett Hotel now stands. The chief mover in the enterprise was Edward S. Atwood, Brown, '52. The meetings were held on Saturday nights, first at



UPSILON CHAPTER OF D. K. E., 1900

some silver loving-cup (made by W. C. Burwell, Upsilon, '85) was unveiled and passed around to the entire company. It is the gift of the alumni association to Upsilon chapter. Those who spoke were ex-President E. H. Magill of Swarthmore College, (Brown, '53); Chief Justice John H. Stiness of the Supreme Court of Rhode Island, (Brown, '61); C. F. Mathewson of New York, (Dartmouth, '82); A. G. Warner of Garden City, L. I., (a member of the fraternity council); Jesse Grant Roe, (Lafayette), editor of the D. K. E. Quarterly; Chairman Walling of the convention; A. J. Jennings, (Brown, '72), of Fall River, and George Fox Tucker, (Brown, '72), of Boston. H. R. Palmer, (Brown, '90) read the convention poem.

Delta Kappa Epsilon was founded in 1844 at Yale. The chapter at Brown, seventh in the list, followed in 1850.

the corner of Broad and Dorrance streets, then in the top story of University Hall, and finally, for nearly half a century, on South Main street. The rooms there were gutted by fire a year or two ago and the society has since been quartered elsewhere. The picture reproduced with this article from a daguerreotype was taken in the winter of 1851-52, according to President Magill, who occupies the front centre in the group.

The present chapter numbers 29 men. Since Upsilon was founded, fifty years ago, it has included 370 members, of whom 329 are now alive. Of D. K. E.'s 38 chapters 18 have chapter-houses and 12 own lots or have funds toward the purchase of lots and the erection of houses. The fraternity convention will be held next year at Washington, D. C., and promises to be one of the most interesting of the series.

Engineering at Brown

Story of the Rise and Growth of Two Important Departments of the University

SINCE engineering has become a profession, the young man who desires to be an engineer finds himself seriously handicapped if he does not acquire a technical education at a professional school or college. It is probably safe to say that the uneducated engineer cannot now compete successfully with his educated rival and that his position will become more and more inferior.

The rise of the engineering departments at Brown may be traced to the work of a few men. Prof. Benjamin F. Clarke revived the study of civil engineering in 1868 and the next year was appointed professor of mathematics and civil engineering. He now has sole charge of the courses in mechanics of engineering. His efficient and self-sacrificing labors are well-known to all Brown alumni. In the development of the present departments Prof. N. F. Davis, whose mastery of mathematics is familiar to Brown men everywhere, had also an important share, as had also Prof. O. E. Randall, who developed

under Prof. Blake, organizing the shops and courses with success. Above all, the influence of President Andrews, reaching to every department of the university, kindled the enthusiasm of his associates and aided them amid great discouragements.

Brown offered its first course leading to an engineering degree in 1891. Prof. Randall was appointed assistant professor of mathematics and civil engineering and Mr. Ernest H. Brownell, '88, A. B., Mass. Inst. Tech., '90, Sc. B., was installed as instructor in civil engineering, with the immediate charge of the course.

In 1892 Mr. E. C. Burnham was appointed instructor in mechanical drawing and engineering to assist the departments of mathematics and drawing, but with the distinct purpose, afterward accomplished, of developing a course leading to the degree of mathematical engineer. Mr. Burnham was graduated with honors from Brown in 1886 with the degree of A. B. and later spent three years at the Massachusetts Institute of Technology. After receiving the degree of Sc. B. at that institution in 1890, he



PROF. CLARKE



PROF. HILL



PROF. BURNHAM

excellent courses in drawing, descriptive geometry and surveying. The erection of Wilson Hall in 1891 with its well-equipped work shops furthered the growth of the departments, Mr. W. D. Mount, instructor in practical physics

spent two years as draftsman at the Rhode Island Locomotive Works. On beginning work at Brown Mr. Burnham took charge of courses in gearing and advanced machine design. He also submitted a projected course in mechani-

cal engineering which was accepted by the faculty but was not completely offered until two years later.

In 1893 the workshops were put under the charge of Prof. Clarke, who had been in the same year appointed professor of mechanical engineering, and upon the resignation of Mr. Mount, a year later, he assumed direct oversight, the instruction being carried on as before by Mr. F. E. Lester and Mr. F. E. Stark.

In 1894 arrangements were made whereby Mr. Burnham was free to devote nearly all his time to the courses in mechanical engineering. The engineering laboratory was equipped with testing machines and other necessary apparatus which greatly strengthened both courses. Mr. Brownell resigned to enter the profession of civil engineering and was succeeded by the present incumbent, Mr. John E. Hill. Mr. Hill was graduated with honors from Rutgers College in 1884 with the degree of Sc. B. and has since received the degrees of M. S. and C. E. from the same institution. After several years practical experience in civil engineering, in 1890 he was appointed instructor in civil engineering at Cornell University, which position he held with great success for four years. In 1892 Mr. Hill was sent to Santos, Brazil, to collect the necessary data for the complete sanitation of the place—the estimated cost of the completed work being over \$1,000,000. He also pursued a graduate course in sanitary engineering at Cornell and received the degree of M. C. E. in 1895.

In 1895 the workshops were removed from the basement of Wilson Hall to the more commodious quarters which were built for the purpose over the heating station in the rear of the chemical laboratory and which they now occupy. Mr. Hill, in the same year, was made associate professor of civil engineering. A year later Mr. Burnham was made associate professor of mechanical engineering and assumed direct oversight of the workshops. During these last two years the course in civil engineering had been remodeled and improved.

In 1897 the department of mechanical engineering had the good fortune to secure the services, in part, of Mr. William H. Kenerson, who was the first person to receive the degree of M. E. from

Brown. At present he has charge of the work in the engineering laboratories where he has shown marked ability in original research. Mr. Hill was made full professor in 1898.



ENGINEERING BUILDING
In rear of Chemical Laboratory

The civil engineering department was strengthened in 1899 by the appointment of Mr. Arthur H. Blanchard, C. E., '99, as instructor of civil engineering and mathematics. Mr. Blanchard has made a specialty of structural design and at present has charge of the courses in framed structures and topographical drawing.

One of the greatest needs of both departments has been suitable drafting rooms. Happily this deficiency has been supplied by building a third story over the heating station and workshops in the rear of the chemical laboratory (see illustration). This room, which will be occupied by both departments at the beginning of the winter term, is excellently lighted and will contain an office for each department, a library and an instrument room. It is estimated that from fifty to sixty students may be accommodated by the addition, which is ample for present requirements.

Both departments have remodeled their courses within a year and have considerably increased the entrance requirements. These changes, which have been approved by the proper authorities, will take effect in 1902. Nineteen men have been graduated from Brown with the degree of C. E. and fourteen with the degree of M. E. About fifteen men have taken nearly the full course in one or the other of the departments by electing extra studies. At present there are thirty-eight students who are candidates for the degree of C. E. and twenty-six for the de-

gree of M. E. Many subjects are elected by students who are not candidates for a technical degree, so that each department has usually from thirty to sixty men under instruction.

The curriculum of each department has thus far been developed with the end in view of a broad and liberal training in pure and applied science and sufficient linguistic and humanistic studies to counterbalance the narrowing tendency of a purely professional course. It has not been the aim to make specialists but rather well-educated men who have sufficient theoretical and general knowledge of their profession to become with practical experience first-class engineers. Remembering this limitation Brown has to-day engineering departments which compare favorably with

the best engineering colleges of the country. Their popularity is attested by the slow but steady growth in the number of students who select Brown for technical instruction. The material equipment of the departments, though insufficient, has proved fairly satisfactory with small classes, necessitating however, much labor on the part of the instructors. Better laboratories and equipment may be said to be the most pressing present needs.

What may prove to be the nucleus of a department of electrical engineering has recently been started by Mr. A. E. Watson, assistant professor of physics. He offers at present six courses in the methods of generating and utilizing electric currents and dynamo—electric machinery.



HON. JOHN J. FITZGERALD, '93
Re-elected Mayor of Pawtucket



A. S. VAN WICKLE, ESQ., '76
Donor of the New Gates



MR. A. M. QUICK, '87
President Baltimore Water Board

A Brown Man in Baltimore



FROM Baltimore comes an interesting report of the efficient work done by A. M. Quick, (Brown, '87), one of the prominent officials of that city. Mr. Quick holds the position of president and chief engineer of the water board and member of the board of public works and has under his care the extensive system of water works of Baltimore, a property valued at nearly \$18,000,000,

with an annual revenue of \$850,000. He has already in the first year of his incumbency made a record for efficiency in the management of this great system, taking the department when it was being used by politicians "for all there was in it" and when it was in a low state of efficiency.

As the mayor of Baltimore stated in a recent address, he was "fortunate in finding a man of good judgment, genuinely interested in the cause

of good government and a direct business administration, to take charge of the department. His method was simplicity itself. He went to the root of matters, saw what was needed to be done, found the men who could do it and lopped off those who were not returning full value in their work. The result was a saving of \$218,000 in eight months out of the appropriation, and the service is better to-day than it has ever been be-

fore in the whole history of Baltimore."

Mr. Quick is a member of the firm of Hill and Quick, consulting engineers, Baltimore, Md., designers of water works, sewerage and electric light and power plants. He is a member of the University Club of Baltimore and vice president of the Brown Alumni Association of Maryland and the District of Columbia.

The Alumni Letter Box

[The editor takes the liberty of making the following extracts from two letters of a Brown man now abroad.]

RHEIMS, FRANCE, Sept. 16, 1900.

" * * * This is the land of automobiles — not 'silent white ghosts,' like Vanderbilt's, but bustling obstreperous creations, making noise enough for a small railroad train, and dust enough for twenty horsemen. They rush about in the most spirited manner, but when they have gotten well into the open country they break down, and the unfortunate owner must trudge to the nearest town, leaving his tricky machine for the instruction and amusement of the peasantry. We have not yet used one, and are in no hurry to try the experiment. Here, at Rheims, our windows face the cathedral—that noble west-front which Ferguson has called 'perhaps the finest production of the Middle Ages.' It shows the French character at its best, and is as inspiring and inspiring as the 'Marseillaise'—though in a different way. How difficult to understand is the character of this people—its heroic and sublime impulses ever thwarted by a certain base egotism—Jeanne d'Arc abandoned to her fate, the despotism of the Ancien Regime abolished, only to make way for the despotism of Bonaparte; Mercier chosen senator!

But *England* I can understand and love more and more as the years go by—her faults redeemed by the glorious examples of manhood which she has set, and does still set, to the world, and by her 'freedom broadening slowly down, from precedent to precedent.' "

TOURS, NOV. 13, 1900.

"It is now nearly two months since I wrote you from Rheims and we have seen a good deal of France. September was a month of cathedrals, October a month of chateaux, while between times we put in about three weeks of Paris. We spent a good deal of time in the art-galleries, visited Versailles and Fontainebleau, saw both Coquelin and Mounet-Sully, sampled Parisian cookery at Foyot's and the Cafe Anglais, in short had a very pleasant time. * * * May not one say that climate and soil have much to do with character? this sunny Touraine producing Rousard and Rabelais, while bleak Picardy gave birth to Calvin and Robespierre."

[Although the following extract from a letter to the editor was not written by an alumnus, it will be of interest to many Brown men. It comes from the associate editor of the Princeton Alumni Weekly.]

"It gives us pleasure to reciprocate your expressions of the friendly relations existing between our two universities. Princeton was especially honored in conferring the honorary degree upon Secretary Hay, a Brown man, and all Princeton men who graduated during the last decade and a half were devoted to another Brown man, our beloved Dean Murray, who died only a couple of years ago. We have also in our faculty another Brown man, Professor Packard, who is one of our most respected professors.

Close of the Football Season



WHILE the football season at Brown has not been wholly satisfactory, it has developed much creditable work by Capt. Washburn's eleven. The record for the year is as follows :

Brown,	27;	Colby,	0.
"	18;	Holy Cross,	0.
"	20;	M. I. T.,	0.
"	0;	Pennsylvania,	12.
"	11;	Chicago,	6.
"	5;	Princeton,	17.
"	12;	Needham,	5.
"	26;	Tufts,	5.
"	6;	Harvard,	11.
"	12;	Dartmouth,	5.
"	6;	Syracuse,	6.
143		67	
Games won, 7: lost, 3: tied, 1.			

baseball team of 1900 first in the list of college nines for the year, with Brown second and Harvard and Yale following. After the MONTHLY appeared, the rating of Mr. Caspar Whitney and Mr. Charles Edward Patterson, two of the best known critics of amateur sport in the United States, appeared in *Outing*. Both these experts put the leading teams in this order: Princeton, Brown, Harvard, Yale. Mr. Whitney says:

"If, indeed, there is any team having the right to dispute the leadership with Princeton, it is Brown, which against the larger nines has made an equally good, if, indeed, not a better record, having won two and lost one to Yale, won two from Harvard, and won one and lost one to Princeton, making four won and two lost. Princeton won two from Yale, won one and lost one with Harvard, won one and lost one to Brown, making four won and two



BROWN FOOTBALL TEAM
(Photograph by Horton Bros.)

The chances are good for winning first place in the New England Inter-collegiate games at Worcester in the spring. For several years Brown has been in second place.

In the July number of the MONTHLY an estimate from the *Worcester Telegram* was printed, which placed the Princeton

lost. If Brown's work had not fallen off so materially in her smaller games, she would be, in my opinion, entitled to the leadership among Eastern college baseball teams. As it is, there is no question as to Brown's right to second place, with Harvard third, and Yale fourth."

Mr. Patterson says:

"Brown won her series with Yale and Harvard, both of the latter presenting their best teams, and is clearly entitled to second place."

It is generally agreed that Hillebrand of Princeton had the best pitching record of the season, with Washburn of Brown second.

William P. Bates, '02, has been elected captain of the football eleven. He pre-

pared for college at Westtown, Penn., where he played the old association football. Capt. Bates is 21 years old, weighs 171 pounds and is over six feet tall. He has played fullback on the Brown team for three years and is considered the strongest line plunger in college.

Hon. Nathaniel P. Hill, '56*

HON. Nathaniel Peter Hill of Denver, Colorado, scientific metallurgist, sometime professor of chemistry in Brown University, and later United States senator from Colorado, was born in Montgomery, N. Y., February 18, 1832; he died in Denver, Colorado, May 22, 1900.

His father and mother were notable people in Orange County, N. Y. The father, a well-to-do and substantial farmer, had been lieutenant of cavalry in the war of 1812 and subsequently he held many offices of trust in his county, where he was respected as a man of superior abilities and high character.

When Senator Hill entered Brown University in the year 1853 he was a bright and promising young man, matured and developed by the responsibility which had come upon him, while yet little more than a boy, of managing the farm after his father's death. His interest in scientific agriculture led him to devote his chief attention to chemistry, and his progress in the subject was so rapid and so substantial that he was soon made an instructor, and in 1859, he was appointed professor of chemistry. He soon set about the securing of funds for a new chemical laboratory for the university, and he accomplished the work of its construction in 1862.

A little later his attention was directed to the freshly opened gold-bearing districts in Colorado. The field appeared so promising that in 1864 he resigned his professor's chair and turned his attention to practical metallurgy. He was early impressed with the necessity of *smelting* rather than *milling* the Colorado ores of Gilpin County, and he proceeded to make a careful study of

the whole subject at the metallurgical works of Freiberg, in Saxony, and Swansea, in Wales. As a result, he formed a business connection with the



HON. NATHANIEL P. HILL

noted house of Vivian & Sons in Swansea. In 1867 he organized the Boston and Colorado Smelting Co., a concern which has operated successfully for over 30 years and of which up to the time of his death he was the general manager. Prof. Hill is acknowledged as the chief agent in the creation of that great industry which was necessary to the development of the mineral resources of his adopted state.

Space does not permit a full statement here of his achievements, but a partial

*Reprinted from the Journal of the American Chemical Society.

enumeration of his official and business positions speaks volumes. He was mayor of Black Hawk, Colorado, in 1871; member of the Colorado Territorial Council, 1872-3; United States senator from Colorado, 1879-1895; member of the International Monetary Commission, 1891; president of the United Oil Company, working in the Florence district; president of the Colorado Smelting and Mining Company, operating on an extensive scale in Montana; president of the Denargo Land Company, engaged in developing real estate in the vicinity of Denver; principal owner of the *Denver Republican*.

As a chemist and scientific man Prof. Hill was characterized by clear insight, great grasp of his subject, and sound judgment. His scientific work related chiefly to applied chemistry. During his professorship in Brown University he continually acted as expert and adviser in connection with chemical manufacturing establishments in and near

Providence. But his life work was in metallurgy, and the complex operations of his refining establishments near Denver are a monument to his power in the scientific treatment of metallic ores. As a university professor he was highly valued; he was not only recognized as a master of his subject and as a clear thinker, but more, he was loved by his pupils as a true gentleman. He was a remarkably able business man, having far-sightedness, wisdom and courage. As a legislator he secured—as he merited it—a reputation for ability, dignity and integrity.

Prof. Hill married Miss Alice Hale, of Providence, R. I., a member of a remarkably able New England family, and a woman of superior powers and great sweetness of character. She survives him with three children: Crawford Hill (A. B., Brown University, 1885), Miss Isabel Hill and Mrs Gertrude (Hill) Berger.

J. H. Appleton.

Glimpses of Providence--II

OUR glimpse of Providence this month shows the new twelve-story building of the Union Trust Company at the southeast corner of Westminster and Dorrance streets. It will be the tallest block in the city. The material is red brick with white marble trimmings and the effect of the building is architecturally excellent. The work of construction will be completed in the summer of 1901.

An important innovation in Providence was the introduction of electricity as the motive power on the railroad to Bristol and Fall River, Dec. 2. Large trolley cars are run in trains of two or three direct to the union station on Exchange Place. Some difficulty has been experienced in using the narrow rails in the city streets and making the sharp turns at corners, and there have been vexatious delays in changing trolley poles at East Providence. On the roadbed of the old steam line fast time is made and passengers appreciate the freedom from dust and cinders.



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Brunonians Far and Near

'38. Rt. Rev. Alexander Burgess, A. M., D. D., LL. D., bishop of Quincy (Ill.), has been obliged on account of ill health for the last two years to relinquish almost wholly his active work and live in the East. He returned to Quincy a few weeks ago and has reassumed personal charge of his diocese. Bishop Burgess is one of the three surviving members of the class of '38, the other two being Rev. Charles Manning Bowers, D. D., of Clinton, Mass., and Hon. Samuel Warner of Wrentham, Mass.

'58. Solon W. Stevens has been nominated for mayor of Lowell, Mass., by the City League.

'61. Amasa M. Eaton, Esq., of Providence delivered an address on "Local Self-government" before the Boston Society of Municipal Officers, Nov. 14. The address was favorably and extensively commented upon in the editorial columns of most of the leading Boston dailies. Mr. Eaton repeated the address by special request before the Twentieth Century Club, Nov. 24.

'64. Benjamin C. Dean of Brookline was re-elected by a large majority to the Massachusetts legislature, at the recent election.

'66. At the Thanksgiving day dinner given to the newsboys and messengers of Newport by Mrs. F. W. Vanderbilt, Rev. E. H. Porter of Emanuel church made a short address.

'70. Rev. Newell T. Dutton, agent of the Maine Baptist Educational Society, died of heart failure, November fifth, while waiting for a train in the Maine Central railroad station at Damariscotta, Me.

'70. The Brunonian reprints in its November number a story, "The Hero of Forty-odd," contributed by Isaac Nelson Ford to the same publication in the college-year '69-'70.

'74. The official vote for mayor in the Providence election, Nov. 6, was: D. L. D. Granger, ('74), 11,512; I. L. Goff, 9,520; scattering 1,056.

'75. Prof. Upton gave a talk before the Bishop Seabury Association of the uni-

versity, Nov. 26. The officers of the association are Thomas Burgess, '02, president; Allen Green, '02, vice-president; W. A. Clark, '01, secretary; A. H. Dexter, '02, treasurer, and E. T. Gross, '01, librarian.

'78. Elon R. Brown of Watertown, N. Y., was re-elected by the Republicans of the thirty-fifth senatorial district, New York state, Nov. 6. New York state senators are elected for two years. This will be Mr. Brown's third term.

'80. David F. Slade of Fall River has been re-elected a member of the governor's council in Massachusetts.

'81. John Murray Marshall, Esq., is the chairman of the Republican committee of Winchester, Mass. He presided at the rally held the Saturday prior to the election. It was one of the largest ever held in Winchester.

'84. Rev. E. D. Burr, now pastor of the First Baptist Church at Newton Centre, Mass., spoke on "The Need of Practical Christian Life in College," at the university Y. M. C. A. meeting, Nov. 14.

'89. Prof. V. P. Squires was called home to Cortland, N. Y., last month by the fatal illness of his father.

'90. A handsome new parish-house is to be erected for Trinity Episcopal Church, Pawtucket, of which Rev. Frank Appleton is rector.

Ex-'91. William R. Weeden and Miss Sarah P. Mason were married at Grace church, Providence, in October. Among the ushers were J. E. Weeden, '91, Harold Congdon, ex-'94, F. W. Arnold, '98, and R. B. Weeden, '99.

'96. George Lincoln Parker, and Miss Inez Estel Draper were married at Swampscott, Mass., October 23. Rev. W. E. Gardner, '95, performed the ceremony. Mr. and Mrs. Parker will make Fitchburg their home.

'98. Bernard Wright Owen died in Lynn, Mass., October 22.

Ex-'99. John Cooper Price was drowned in the Delaware river near Salem, N. J., August 8.

'00. Harold S. Capron and Arthur O. Pritchard are studying theology at Union Theological Seminary.

Graduates who, in their undergraduate days, skated on Cat Swamp, will hear with interest of a movement to make a permanent pond there and establish a park of several acres.

Charles A. Metcalf, who died at Silver Spring, R. I., Nov. 29, was well known in theatrical circles as a press agent and writer of topical songs. He was born in Providence 43 years ago and entered Brown, but left college before the completion of his course.

The Graduate Students' Club of Brown University held its annual meeting for organization at the house of President Faunce, Nov. 27. The following officers were chosen: President, H. J. Hall, Brown, A. B., '00; vice-president, L. W. Williams, Princeton, A. M., '99; corresponding secretary, Mabel S. LeValley, Brown, A. B., '00; treasurer, C. B. Lester, Brown, A. B., '00; executive committee, the above officers and M. N. Sullivan, Harvard, A. B., '99; Emma C. Watt, Wellesley, '98. There are 100 graduate students at Brown.

Rev. Moses H. Bixby, D. D., a member of the corporation, has resigned the pastorate of the Cranston Street Church, Providence. Dr. Bixby has been the pastor of this church for thirty-one years.

At the meeting of the American Association for the advancement of science at Columbia College, last June, a committee on the study of Blind Vertebrates was appointed. Of this Professors A. S. Packard and H. C. Bumpus are members.

"Prof. W. Whitman Bailey of Brown University ('64), lately the worthy recipient of the honorary degree of Doctor of Laws from the University of New Brunswick, is even more highly complimented by the kindly thoughtfulness of anonymous friends at home who have presented him with the scarlet gown and velvet cap, to accompany the doctor home, from the provincial authorities. The gift was wholly a surprise and testifies even more than the official honor to the high regard in which Dr. Bailey is held by his personal friends and former pupils."—*Brooklyn Standard Union*.

PEMBROKE HALL

'00. Anna C. Buffington is in Germany.

'00. Mabel S. LeValley is teaching in the Hope Street High School, Providence.

'00. Minnie Catherine Mahy has become Dr. Andrews's private secretary at the University of Nebraska. She will also be an assistant in the department of rhetoric and pursue her studies for the master's degree.

On September 19th the class of 1900, Pembroke, met with their first loss in the death of Josephine Martha Scholfield. She was intending to register at the university for the master's degree, when she was taken suddenly ill with a disease which baffled the physician's skill. Miss Scholfield came to Providence from Michigan in 1889 and entered the Peace Street Grammar School. After graduating with special honor, she took the classical course in the Providence High School, and won the hearts of both teachers and classmates by her faithful work and gentle disposition. In her class, she was one of six girls who, for excellence of composition, were chosen to read for the Anthony medal, and at graduation she was awarded a speaker's place for high standing throughout the course. She entered Brown in the fall of 1896, when the freshmen class of the Women's College met in the old building on Benefit street. In her first year she took the lead of her class, and throughout her course kept a high place in scholarship. In June, 1900, she was elected to the Phi Beta Kappa Society in the first delegation to be admitted from the Women's College, and at commencement she received her A. B. degree. As in scholarship Miss Scholfield was solid rather than brilliant, so in the social life of the college she took a quiet but indispensable part. She was a true and loyal member of Alpha Beta, holding high the standard of society life in the midst of her class. Loved by all who knew her, in her sweetness of character and her quiet daily life she will ever live in the hearts of her classmates, and as 1900 comes back from time to time to Alma Mater, she will still be in the midst as one "Loved long since, and lost awhile."
—M. R. S.

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ford Hill, '85; Charles Farnsworth, '89.

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