BROWN ALUMNI MONTHLY

★ 1918 - 1919 ★

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VOL. XIX MAY, 1919 NO. 10

BROWN ALUMNI MONTHLY

TWO IMPORTANT DEPARTMENTS ONE OLD AND THE OTHER NEW AUTHORITATIVELY DESCRIBED

Published monthly, August and September excepted, by the Brown Alumni Magazine Co. at Brown University, Providence, R. I. Entered at the Post Office at Providence, R. I., as second-class matter under the law of March 3, 1879

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FIFTY—
and tortured by regrets

"DO you suppose," cried Napoleon, as he stood with Gourgaud on St. Helena, "do you suppose when I wake at night I have not bad moments—*when I think of what I was and what I am?*"

He was fifty; and at fifty the race of men divides into two groups. There is the group of those who look back comfortably over the years, knowing that each year has yielded its measure of progress.

And there is the other group—the men who think: "If only I had it to do over again, how much better I could do it." They look back and say to themselves: "*There* was the turning; if only I could have seen it in time." To such men the night brings its bad moments—when they think of what they are and what they might have been.

To increase the number of men who, at fifty, can be satisfied with their careers, is the business of the Alexander Hamilton Institute.

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The remarkable percentage of college men

Two facts are noteworthy in the Institute's record. In the first place the average age of the men enrolled with it is slightly over thirty. Not to boys is its appeal, but to mature men, who reach the age when they realize that their careers will be made or marred by the record of the few years just ahead.

The second striking fact is the very large proportion of college men enrolled. Over 33% of them are college graduates.

You, who read this page, may have reached the point in your career where you want to make the next few years yield double progress.

Or you may be the sort of college man to whom younger men are frequently turning for advice.

In either case you owe it to yourself to know something more of the character and achievements of this great educational force.

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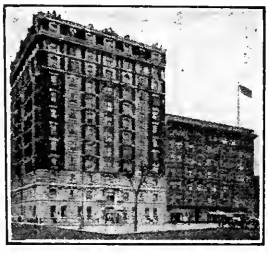

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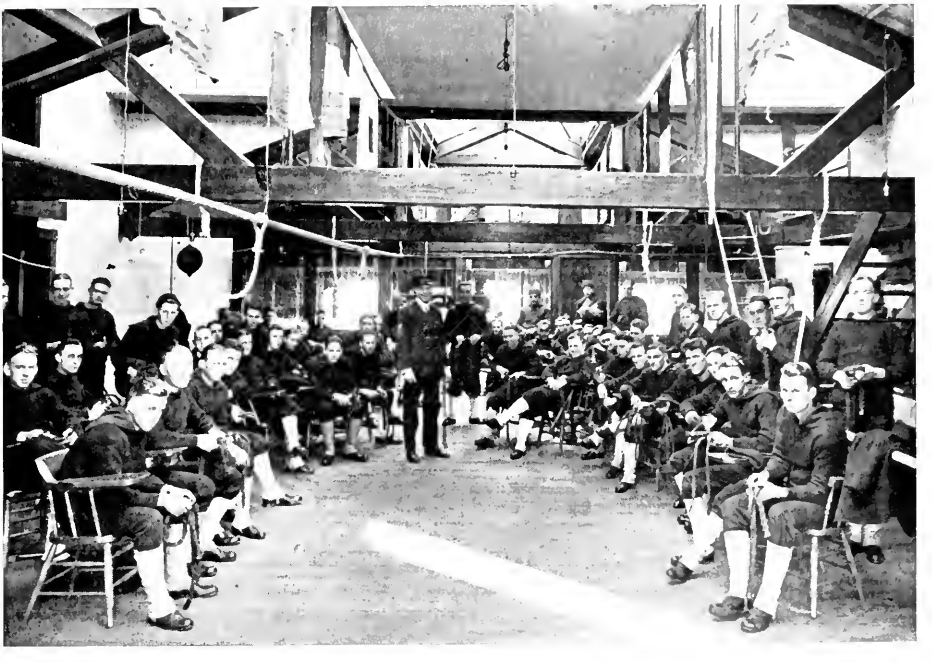
THE NEW DEPARTMENT OF NAUTICAL SCIENCE

By Professor Frederick Slocum, 1895



MAKING KNOTS AND SPLICES

In the Rigging Loft, Top Floor of University Hall

Brown's Naval Training Unit has been demobilized, but the Department of Naval Science still remains, with a slight change of title. It is now the Department of Nautical Science. Thus does Brown University adapt its curriculum to the changing conditions.

One of the greatest of the reconstruction problems that the United States is now facing is the problem of its Merchant Marine, and Brown University, in its new Department of Nautical Science, will not only interpret and explain the nature of the problem, but will also try to aid in its solution.

In the November number of the Alumni Monthly Professor Currier wrote of the formation of the Naval Training Unit and the program of work laid out for the 225 men enrolled in the line and engineering departments. This article was followed, in the December number, by one on "Nautical Training at Brown—Present and Future," by Clarkson A. Collins, Jr. In order to make the record

of this phase of Brown's war time activity complete, this article will take up the history where Mr. Collins left it.

The last paragraph of his article read as follows:

"It is obvious that as a Rhode Island college Brown has a nautical precedent to follow and nautical traditions to live up to. No college in the country is better situated to be the seat of a nautical school. No college has made a better beginning in that direction. Unquestionably, the Naval Training Unit will be in existence for some time to come, possibly for another two years. Before the Unit is disbanded the enviable reputation Brown is already gaining for its naval courses will have been greatly increased. That reputation and the work already done by the Faculty and the Corporation mnst be used as the key-stone to a permanent Nautical Department."

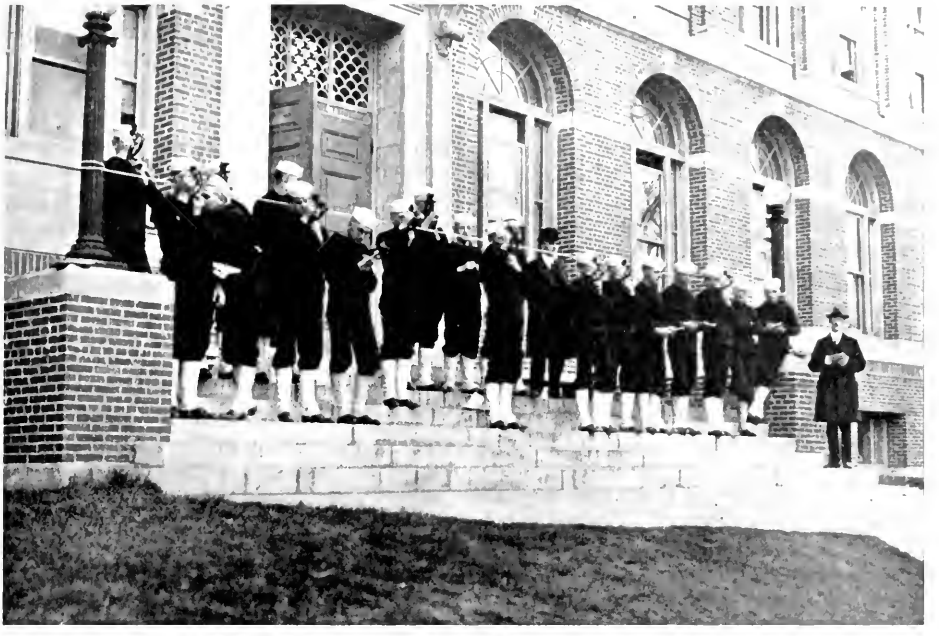
Instead of continuing for "another two years," the life of the Naval Training Unit was suddenly cut short after an existence of less than three months. During that brief period, however, wonders were accomplished in spite of the influenza and the extra guard duty necessary to maintain the quarantine. In a remarkably short time the Unit had been completely equipped and had settled down to a stiff program of work. Most of this was along strictly vocational lines. There was very little opportunity for election. Those who intended to go into the engineering department of the Navy were required to pursue courses which, directly or indirectly, pertained to the handling of marine engines. For the other branch, the line or deck department, there were courses in navigation and seamanship, in addition to the daily foot and boat drills.

In the laboratories in the east end of Wilson Hall the men were taught the methods of navigating a ship by chart and compass, lead, and log. In clear weather groups of twenty or more could be seen on the steps of the Arnold Laboratory observing the sun with sextants for the determination of latitude. In stormy weather the afternoon drill was replaced by work in the rigging loft on the top floor of University Hall. Here the men were taught to make knots and splices; how to rig tackles, and how to apply the theory of mechanics to the use of blocks and purchases. Meanwhile in the class rooms were being taught the mathematics of navigation, the methods of dead reckoning at sea, the general principles of seamanship, naval regulations, etc.

With the double incentive of patriotic duty and the hope of a commission, the students worked like tigers —until November 11. Then came the reaction due to the signing of the armistice and the cessation of hostilities. The work continued for a few weeks longer, but the life had gone out of it, and there was a general feeling of relief when the order came to demobilize the Unit in December. Thus ended the naval training at Brown—at least for the present.

The most strenuous part of the Navy's work had been finished. It was no longer necessary to use every available destroyer and chaser to hunt the German submarines. It was no longer necessary to use every availble transport to rush troops across the Atlantic. It was still necessary to send food and supplies over and to use ships to bring our soldiers home, but the cargo ships and transports were no longer sent in fleets, convoyed by naval vessels.

The cry had been to build ships—and more and more ships—to help win the war. This applied both to naval and to merchant ships. With the cessation of hostilities the immediate need for rushing work on the naval vessels was, of course, removed, but how obout the merchant ships? At the time the armistice was signed the United States Government owned or controlled about 1500 ships, and there were nearly as many more on the stocks. Some of these have now been finished. Now what is to be done with this great fleet? Will the Government continue to own and to operate it? Or will the ships be sold



OBSERVING THE SUN TO DETERMINE LATITUDE

On the Steps of Arnold Laboratory

to the highest bidders? Whatever happens, it is sincerely to be hoped that they will be kept under the Stars and Stripes.

The United States needs all these ships and as many more as it can get. In addition to the ships required for transport and supply service, and for its growing coastwise trade, it must for years use ships to carry food and supplies to the devastated countries of Europe. Then, too, there is that new big problem of foreign trade; trade not only with South America, but with all the countries of the Eastern Hemisphere. To keep our industries prosperous, and thus to prevent labor troubles and social unrest, an abundance of raw material must be supplied and a market for the finished product must be found. Both are dependent upon one thing—ships. Not German ships, nor English ships, nor French ships, nor Japanese ships, but American ships. The need of building ships—and more and more ships—is as urgent to-day as it was when the submarines were sinking the ships of the Allies faster than new ones could be built.

Ships alone, however, will not solve the problem. They must be efficiently manned and efficiently managed.

Here is Brown's opportunity, and through its Department of Nautical Science it is offering courses in navigation and seamanship, ship operation and management, and the historical development of ships and shipping. While these courses will be especially valuable for those desiring to enter the Merchant Marine or the Navy, or for those looking forward to careers connected wth the Merchant Marine, such as steamship agent, foreign trade representative, admiralty lawyer, or assistant in the consular service, they are so planned that they will be suitable for anyone seeking a broad education. Yachtsmen, too, will find that the courses in

navigation and seamanship will add greatly to the pleasure of their sport and will place them in a position to render even more valuable service as a Naval Reserve than they have rendered in the past.

During the war the United States Shipping Board maintained schools for the training of seamen and fishermen. These schools turned out thousands of navigators, but the United States now needs a higher type of officers—something more than mere navigators. It needs men who can not only guide a ship back and forth across the ocean, but who can transact any kind of ship's business in any port, men of broad education, who can hold their own with the best of the master mariners of the European countries.

It is the development of this type of men that Brown University is now trying to encourage. In order to secure a well balanced education the men interested in ships and shipping, in addition to the courses offered by the Department of Nautical Science, should pursue in other departments such courses as mathematics, English, modern languages, history, physics, economics and banking, political and social science, commercial and physical geography, meteorology, astronomy, and biology.

The United States Shipping Board will probably be able to co-operate with Brown and give the men opportunity to get some of the necessary sea experience by sending them out during the summer vacations upon the training ships or other ships under the control of the Board.

Here, then, is an opportunity for young men to share in the restoration of peaceful intercourse among the nations, to lay the foundation of a useful and profitable career, and to help put the Stars and Stripes back on the seven seas.

The new department has its quarters in Maxcy Hall. The dormitory rooms in the south half of the third floor have been torn out and in their place are now a class room 18x34 feet, a laboratory 18x23 feet, and two offices 18x11 and 8x13 feet. The rooms have east, south and west exposure, thus facilitating observations of the sun for latitude, longitude and compass work. The laboratory contains tables for the use of charts, and is well equipped with quadrants, sextants, chronometers, compasses, binnacle, pelorus, log, protractors, globes, etc., for illustrating all the processes used in the navigation of a ship.

The following courses will be offered by the Department of Nautical Science next year:

1, 2. Navigation—Compass and chart; piloting; plane sailing, middle latitude sailing, Mercator sailing; dead reckoning; the sextant; determination of latitude and longitude by the sun, moon, planets and stars; azimuth; line of position by the methods of Sumner, St. Hilaire and Aquino; great circle sailing; theory and practice of compass adjustment.

Professors Slocum and Brown

Three hours credit, four hours of attendance. Through the year. Elective for students who have credit for Plane Trigonometry.

3, 4. Seamanship—Rules of the road; aids to navigation; hull, fittings and rig of various types of ships; ground tackle; propellers; steering gear and steering; blocks, tackle and purchases; handling and maneuvering; boats and boat equipment; stowage of cargo; duties of crew and officers; qualifications for licenses; winds and storms; tides and currents.

Professors Slocum and Brown

Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.

5, 6. Ship's Business—Tonnage; ship's papers; shipping articles; charter party; bill of lading; manifest; clearance and entrance; pilotage; the log book; trade routes; ports and terminals; rates; subsidies; marine insurance; rules and regulations pertaining to ships, crew and cargo.

Professor Brown

Three hours. Through the year. Elective for Juniors and Seniors.

7. History and development of the American Merchant Marine from its beginning down to the present.

Professor Slocum

Three hours. Second Semester. Elective for Juniors and Seniors. This will be preceded in the First Semester by a course on Sea Power by Professor Dealey.

9, 10. Advanced course in Navigation—Problems in navigation, compass adjustment and chart work.

Professor Slocum

Three hours. Through the year. Elective for students who have credit for 2.

A YEAR OF THE MATHEMATICS DEPARTMENT

(Report for 1918-19 to the Visiting Committee, which requested its publication in the Brown Alumni Monthly)

Under Government Supervision. Before the close of the last academic year the department had prepared to add courses designed to meet the needs of prospective officers in the Army and in the Navy, and to modify existing courses. In September, when the colleges were taken over by the Government, the only essential change in our program was, therefore, to impose as requirements what we had expected to offer as electives.

The effect of the war was to throw great emphasis on the practical side of mathematics. Naturally, too, a large proportion of the work was of the most elementary college grade. For the Naval Unit nine divisions in the mathematics of navigation were formed. There were two divisions studying artillery firing data. The demand for trigonometry was so great that seventeen divisions in all were taught by the department. Instruction in geometry and calculus was given to five classes and more advanced work was not entirely neglected.

Six-sevenths of the students in the University took courses in the Department of Mathematics, and a total of approximately one hundred and twenty hours of teaching per week was necessary. Professor Jones, of the Department of Philosophy, gave us six hours per week in navigation and Dr. Shapley, of the Department of Art, six hours per week in trigonometry. The University generously and wisely furnished us with a staff large enough to handle the courses in small divisions. There were many things to interfere with the academic work: the epidemic of influenza, the constantly changing groups of students, owing to Government orders, non-academic military and naval requirements. After the armistice was signed it was only the moral force of the Faculty that held the men at their tasks.

Activities of Faculty in National Administration. Our department had more than its share in writing the mathematical curriculum prescribed for use in the colleges and camps. While lecturing at the University of Chicago in the summer quarter, Mr. Richardson made some investigations of the mathematical needs in the naval service and taught navigation to a group of men enlisted in the ensign school. Mr. Currier visited various Y. M. C. A. huts at naval stations on the Atlantic coast, familiarized himself with their problems and methods of instruction, and gave lectures on astronomical subjects. They were both members of a committee of three appointed by the Mathematical Association of America which was requested by the Government to draw up a possible navigation program; this was afterwards adopted for all the colleges. Mr. Richardson had some share in writing the remainder of the mathematical program and was approached as to the possibility of his undertaking the directorship of mathematics with headquarters at

Washington. He considered, however, that his work at Brown was of first importance, and declined to do more than assist as other duties permitted.

Mr. Archibald was appointed by the National War Work Council of the Young Men's Christian Association as one of a committee of six to make a survey of the mathematical instruction given under the auspices of the Y. M. C. A. at the various naval stations of the country. He spent ten days in visiting all the stations—Northeastern Division—from Rockland, Me., to New London, Conn., and practically all of the suggestions made in his extensive report were adopted.

Undergraduates in Artillery Service. Early in the war a large number of Brown undergraduates enlisted in the Artillery branch of the service and were assigned for duty at various forts on Narragansett Bay. Many of these men were recommended for the Officers Training School at Fort Monroe, where they made excellent records. As a result, the S. A. T. C. at Brown was frequently called upon to furnish candidates for Fort Monroe. The students were selected by our department on the basis of their mathematical records. In the preliminary examination in mathematics (through plane trigonometry) given to men on their arrival at Fort Monroe the Brown men made a most gratifying record. Not one failed. In one case the lowest grade obtained by a group of five candidates from Brown was 99 per cent. In another case only one man out of twenty got below 80 per cent.

In field artillery also the department was called upon to recommend men with a good mathematical record. The twenty-nine candidates selected for this branch of the service early in November never went to camp, but the officer who came to Providence to enroll them pronounced them the most likely candidates he had seen at any New England college.

Recent Graduates in the War. It is the intention of the department to put in some permanent form the war record of the recent graduates, men and women, who specialized in mathematics at Brown. A hasty preliminary survey gives some interesting data. Thirteen went to the European front, eleven with the land forces (chiefly artillery) and two with the Navy; five were employed in the camps, three in training men and two in executive work; two were inspectors in the air service; five gave their energies to teaching mathematics to prospective officers in the colleges; six were engaged in the statistical division in Washington.

Changes in Staff Personnel.

Dr. T. H. Brown has been made assistant professor in the new Department of Nautical Science, but has been giving us a little of his time.

Mr. Burwell, who was Brown Rhodes Scholar at Oxford during the year 1916-17, and in the Government service, Washington, 1917-18, was added to our staff. He expects to return to Oxford in the autumn.

Mr. Cornell, who taught at Brown in 1903-04, was loaned to us for the year by the superintendent of the Providence schools.

Mr. Adams, who graduated from Brown in 1918, gave up his graduate work in mathematice for the first term in order to help us in the teaching. He is now the Grand Army fellow.

Non-War Activities of the Staff. In January, Mr. Archibald assumed the duties of editor-in-chief of the American Mathematical Monthly and Mr. Manning was made an associate editor. Mr. Archibald is on the Council of both the American Mathematical Society and the Mathematical Association of America. Mr. Richardson is one of the vice presidents of the association for the current year. Mr. Archibald was chairman of the program committee for the summer meeting of the association and was recently made chairman of a committee of the society to consider the very

important matter of what steps should be taken to organize or promote the publication, in America or elsewhere, of an adequate and comprehensive survey of recent mathematical literature of the world.

Mr. Currier is again giving a series of extension lectures on Astronomy, and is continuing his monthly astronomical articles for the newspapers and his computations for the Providence Journal Almanac. During the year about two hundred visitors have availed themselves of the usual open nights at the Ladd Observatory.

Various members of the department are serving on important faculty committees, thus exerting a strong influence on the trend of education at Brown.

Among the publications of the year are an extensive memoir published in the American Journal of Mathematics by Mr. Richardson, and articles in the American Mathematical Monthly for September and March by Mr. Manning.

For the department of the Monthly of which he had charge Mr. Archibald contributed eight articles on Undergraduate Mathematics Clubs. Two of these articles are to appear in amplified form in Mr. Jay Hambidge's book "Dynamic Symmetry—The Greek Vase," soon to be published by the Yale University Press. He contributed also one article, five reviews, and monthly bibliographical surveys, to the Bulletin of the American Mathematical Society. His book of nearly 300 pages on "Training of Teachers of Mathematics" was published in October by the Bureau of Education at Washington.

The Mathematical Library.

The additions to the library during the year have been constant and total about 200 volumes. They include many valuable and rare volumes. Apart from the purchase of works necessary for research and teaching activities of members of the department, we have paid particular attention to the needs of teachers in the secondary schools, and of general readers unfamiliar with mathematical technicalities. Our collection of mathematical dictionaries (of which the library now contains 12 of the 50, or more, in existence) is being developed chiefly in preparation for the mathematical dictionary which it is hoped that America will soon produce. Mr. Archibald is a member of the committee of the Mathematical Association which is dealing with this matter.

There are now on our shelves the current numbers of about 50 periodicals and it is our aim to take everything, of mathematical interest, written in English, French, German, Italian, Spanish, Danish or Swedish. German periodicals for 1918 have been coming regularly by virtue of an arrangement which the American Library Association made with the United States Government.

To the Nathaniel French Davis Fund for which the Visiting Committee set $10,000 as an objective, $7,112 has been subscribed and $4,252 is in the hands of the treasurer of the University. The income from this source during the past year has amounted to about $160. As subscriptions totalling $1,800 have been made conditional upon the full amount of the fund being pledged, it is earnestly hoped that subscriptions for the balance of $2,888 may yet be received. Never was the need of the income from the completed fund more insistent, and coincident with this need the cost of books and periodicals has been very greatly increased. As mathematics was found so absolutely fundamental in all that pertained to the art of war, its central importance in the education of the future is assured.

Other Features of the Work. That the Mathematics Club plays an important role in the undergraduate life is generally recognized. During the first term one meeting was held at the home of Chancellor Chace. Four other meetings are in the year's schedule. The average attendance of members is over 50.

For several years the Department of Mathematics has offered special courses for the development of teachers of mathematics in the high schools. By this means, and also through our intimate relations with the Mathematics Teachers' Association of Rhode Island (Professor Currier being secretary-treasurer and member of the executive committee), we are striving in a small way to promote the best interests of mathematics teaching throughout the State.

ADVISORY AND EXECUTIVE COMMITTEE

The Advisory and Executive Committee met in the President's office on Friday, March 13. The report of the superintendent of buildings was read and its recommendations adopted, including the purchase of a motor truck and a safe.

A report was received from the committee on memorial to students and alumni who gave their lives in the war.

A report was received from the committee on student service and it was voted to enlarge the powers of that committee in certain directions.

The resignation of A. E. Dillingham, instructor in Chemistry, was received and accepted. R. A. Gladue was appointed assistant in Chemistry for the remainder of the year.

It was voted to engage John B. Archer to teach community singing at chapel service and on the campus during the remainder of the year.

It was voted to appoint a committee consisting of Messrs. Kellen, Sharpe and Faunce to consider and report on the writing of the History of Brown University in the Great War.

President Faunce reported the result of his recent visits to alumni reunions in various cities.

A report from the committee on summer session, Messrs. Chace, Chafee and Faunce, was received and its general outlines approved.

It was voted to increase the committee on pensions by adding two more members. The committee thus was constituted as follows: Messrs. Sheffield, Wood, Chace, Metcalf, Gammell and Brown.

The comptroller presented estimates of the probable income and expenditure for the year ending July 1, 1919.

The committee adjourned at five o'clock.

TO A FRIEND IN THE HILL COUNTRY

Do you remember, comrade, how we two
Would praise in turn the truest and the best
In Nature as we saw it ? Stand confessed !
Which had the right of it, or I, or you ?
See how the distance melts from blue to blue,
And every valley cup brims full with rest.
Yet, like myself, in spite of every test
I feel you to your first allegiance true.
Bone to my bone, the hills were born in me;
Your father's fathers knew the wet brown sand;
So, though you watch the last peak bloom with light,
And I the moon-track on the waves to-night,
Throned in my heart the unchanging mountains stand,—
Loud in your ears thunders the unresting sea.

Anna Torrey, 1921, in the Sepiad

CONGREGATIONAL CANDIDATES FOR TRUSTEE

At the meeting of the Advisory Board on March 4th the alumni named below were selected as candidates for the Congregational vacancy in the Board of Trustees and their legal eligibility has since been approved by the special committee of the Corporation. Ballots will be sent to all alumni of the University about May 20th.

Albert K. Potter, Secretary.

GEORGE FREMONT BEAN, Lawyer, of Boston, Massachusetts. A. B., Brown, 1881; A. M., 1884; LL. B., Boston University, 1885. Member of Phi Beta Kappa. In law practice at Boston since 1885. Residence, Woburn, Mass., where for many years on School Committee. Mayor in 1891. Member of Massachusetts Legislature, 1910. Former President of Boston Association of the Sons of Brown. Member of Advisory Board of the Alumni since its formation and its first chairman. Chairman of Trustees of Brown Loyalty Fund and of Boston Committee for raising Brown Endowment Fund. Member of General Committee in charge of War Emergency Fund. Son graduated, 1914.

LEWIS DEXTER, Manufacturer, of Manchester, New Hampshire. A. B., Brown, 1883. Member of Phi Beta Kappa. Agent of Canadian Colored Cotton Mills, Milltown, N. B.; Warner Cotton Mills, Newburyport, Mass.; and at present of Stark Mills, Manchester, N. H. Trustee Manchester Savings Bank. Active in church and Young Men's Christian Association work and in civic movements.

HENRY ROBINSON PALMER, Journalist, of Providence. A. B., Brown, 1890; A. M., on examination, 1909; Litt. D., 1914. Member of the editorial department, Providence Journal, since 1890. Head of the department and chief editorial writer since 1914. Editor of the Brown Alumni Monthly since its establishment in 1900. Member Board of Management of Brown Union two years, chairman one year. President Stonington (Conn.) Free Library; member of School Committee, 1915-16. Author of "The Country by the Sea", poems; of two volumes of local history; of verse and prose contributions to magazines, and of the Brown song, "O Mother Dear, Brunonia".

BASEBALL SEASON OPENS

BROWN 8, TRINITY 0

Brown had no difficulty in beating Trinity College at Andrews Field, April 9, in the opening game of the season. Brown made 7 hits and 1 error; Trinity had 6 hits and 4 errors. The score:

Innings	1	2	3	4	5	6	7	8
Brown	2	0	3	0	3	0	0	x—8

Runs—Porter 2, Coulter, Weeks, Hall 2, Knight, Moody—8. Hits—Off Knight 3 in 5 innings; off Brisk 3 in 3 innings. Stolen bases—Weeks, Nelson, Moody of Brown; Reynolds of Trinity. Three-base hit—Hall. Sacrific hit—Coulter. Double plays—Coulter to Porter to Weeks; Nelson to Weeks. Struck out—By Knight 4; by Brisk 1; by Shepard of Trinity 7. First base on balls—Off Knight 4; off Brisk 1; off Shepard 2. Hit by pitched ball—By Shepard—Weeks. Umpire—Finnell. Time 1h. 45m.

BROWN 1, R. I. STATE 3

A thirteen-inning game at Andrews Field, April 12, was won by Rhode Island State College. No runs were scored till the last inning In the first twelve innings, Knight, the Brown pitcher, allowed only two hits, though two more came in the 13th. Brown made six hits off Hudson, the Kingston pitcher, who struck out 16 men to Knight's nine. The summary:

958172 6 43211 1 01—1 13

Innings	1	2	3	4	5	6	7	8	9	10	11	12	13	
R. I. S...	0	0	0	0	0	0	0	0	0	0	0	0	3	—3
Brown..	0	0	0	0	0	0	0	0	0	0	0	0	1	—1

Hits—Brown 6, R. I. State 4. Stolen bases—Nordquist and Whittaker of R. I. State. Sacrifice hits—Coulter and Hall of Brown, Hudson of R. I. State. Struck out—By Hudson 16; by Knight 9. First base on balls—Off Hudson 4; off Knight 6. Passed ball—Erickson of Brown. Left on bases

—Rhode Island 7; Brown 8. Umpire—Finnell. Time—2h. 35m. Attendance—550.

BROWN 7, AMHERST 0

Only one Amherst man reached second base and only six reached first at Andrews Field, April 19. Knight, of Brown, held the visitors to three hits in seven innings, and Brisk, who pitched the last two innings, allowed no hits and struck out four men—three of them in the eighth inning. It was a great bunting game by Brown. The summary:

Innings	1	2	3	4	5	6	7	8	9
Brown	0	4	0	0	0	1	2	0	x—7

Runs—Porter 2, Weeks, Knight, Nelson, Moody 2—7. Hits—Off Knight 3 in 7 innings; off Brisk none in 2; off Clark of Amherst 7. Stolen bases—Weeks, Moody, Porter, all of Brown. Sacrifice hits—Erickson, Coulter, Knight and Nelson, all of Brown. Double play—Nelson to Weeks to Nelson. Struck out—By Knight 3, by Brisk 4; by Clark 6. First base on balls—Off Knight 1; off Brisk 1; off Clark 2. Left on bases—Brown 4, Amherst 4. Errors—Brown 0, Amherst 5. Umpire—Rudderham. Time—1h. 40m. Attendance—800.

BROWN 2, BOSTON 14

The Boston "Braves" of the National League beat Brown at Andrews Field, 14-2, on April 22. Boston made 12 hits and Brown 7. Each made 4 errors. Eteson pitched for Brown.

BASEBALL SCHEDULE

Nineteen games are on the Brown baseball schedule. Only five contests will be played on out-of-town diamonds, so that lovers of baseball in Providence will have ample opportunity to see the nine in action.

The two Yale games come early in the season, on the 3rd and 14th of May. The game on the 3rd will take place during Junior Week. Dartmouth's first contest with Brown will be at Hanover the 17th of May while the two teams close their seasons in Providence on the 18th of June, Commencement Day.

The games with Harvard come on Memorial Day in Providence and on the following Tuesday at Cambridge.

Single games with Cornell and Syracuse on successive days in the early part of June will furnish two of the best attractions at the Camp street grounds. Brown has not played Cornell since 1911.

The schedule follows:

Saturday, April 5, Trinity at Providence.

Saturday, April 12, Rhode Island College at Providence.

Saturday, April 19, Amherst at Providence.

Tuesday, April 22, Boston Braves at Providence.

Saturday, April 26, New Hampshire State at Providence.

Tuesday, April 29, Holy Cross at Providence.

Saturday, May 3, Yale at Providence.

Wednesday, May 7, Rhode Island College at Kingston.

Saturday, May 10, Columbia at Providence.

Wednesday, May 14, Yale at New Haven.

Saturday, May 17, Dartmouth at Hanover.

Saturday, May 24, Columbia at New York.

Friday, May 30, Harvard at Providence.

Saturday, May 31, Colby at Providence.

Tuesday, June 3, Harvard at Cambridge.

Friday, June 6, Cornell at Providence.

Saturday, June 7, Syracuse at Providence.

Saturday, June 14, Holy Cross at Worcester.

Wednesday, June 18, Dartmouth at Providence.

SIGMA CHI HOUSE

Another fraternity house has been added to the growing list by the purchase of the estate at 96 Waterman street by the Sigma Chi Fraternity. It is the intention of the fraternity to occupy the house next fall as a chapter house. For a number of years the fraternity has been housed on the second and third floors of Middle Hope, using three rooms for social purposes and the remainder for sleeping and study rooms.

The purchased property was owned by the heirs of the late Mrs. John P. Campbell, arrangements for the sale being made by the Sigma Chi alumni. The three-story dwelling is well suited for chapter house purposes, particularly by reason of its location, which is directly opposite the Arnold Biological Laboratory.

INCREASED REGISTRATION

The registration figures for the third term show an increase of 24 names over the second term. All the upper classes have gained, the Seniors by eight. The ouly decrease to be noted is in the Freshman class, which has lost only four men, less than is customary after examinations.

The following returns are a comparison of registration figures with those of last term:

Class.	2nd Term	3rd Term
Seniors	73	81
Juniors	114	121
Sophomores	141	153
Freshmen	220	216
Specials	59	60
Totals	607	631

BROWN ALUMNI MONTHLY

Published for the Graduates of Brown University by the Brown Alumni Magazine Co.

Robert P. Brown, Treas., Providence, R. I.

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P. O. Box 72

Subscription, $1.00 a year. Single Copies, 10 cents.

There is no issue during August and September.

Entered at the Providence post-office as second-class matter.

The management of the magazine will not hold itself responsible for any failure of delivery where the subscriber has not promptly notified it of his change of address. The old as well as the new address should be given.

MAY, 1919

The Brown Alumni Monthly cannot undertake to return manuscripts sent to it for publication unless they are accompanied by sufficient postage.

BROWN'S VICTORY COMMENCEMENT

If the renewal of friendships broken by the war, the visiting of familiar places, and the recognition of old and pleasant associations are items of inerest to Brown men, Brown's Victory Commencement will call her sons back to her academic hearth as they never came before. It is confidently expected that the third Wednesday in June will find an assemblage of alumni surpassing even that of the memorable Sesquicentennial Celebration. There is every reason that this should be so.

For two years, America has fought the greatest war of her history. For two years, whether they wore the army drab, the navy blue or the honorable badge of civilian service, Brown men everywhere have felt the terrific pressure of constant anxiety. That pressure is now removed. With minds free from care men can once more walk the pleasant byways that lead from the past.

There was a time, not long gone, when every meeting was saddened by the absence of its best and friendliest spirits. Brown men were almost afraid to call the roll. Now they are coming back from land and sea and air—Brown men in service, eager to meet their classmates and college friends, anxious to visit the old shrines. Some, of course, will never return. The University honors their memory. But many will return. The oldest as well as the youngest classes will wish to meet with these men, celebrating with them America's Vicory and the part that Brown and her sons played in bringing that victory to pass. Some of these men will speak at the alumni meeting on Tuesday night. All will have tales to tell.

Every class, for the first time in Brown's history, will meet in reunion this year. The Baccalaureate Sermon wll be on Sunday, June 15th; Class Day will be on Monday, June 16th, Alumni Day on Tuesday, June 17th, and Commencement on Wednesday, June 18th.

AN APPEAL FOR THRIFT

The United States Treasury Department has requested President Faunce to make an appeal to Brown graduates through the Alumni Monthly in behalf of the National Thrift Campaign. Accordingly he writes:

I beg to call the attention of all Brown alumni to the National Thrift Campaign, and the opportunity now before each of us to benefit himself and help his Government.

We can scarcely realize the great change which has come to America through the fact that millions of people have invested in Government

Bonds and War Savings Stamps. In a very real sense these people are now partners with their Government. Their loyalty is not merely a matter of flag-waving and marching in procession—it is a loyalty which has found substantial expression through investment. It binds millions in new bonds to one another and to America.

The War Savings Stamps appeal particularly to those of limited means, who by the purchase of stamps can provide for the immediate necessities of the Government and for their own necessities which may come later. Altruism and egoism meet in such an investment. Let us push the idea in factories, stores, offices, schools and churches, until we make saving as easy as spending.

FELLOWSHIPS FOR WOMEN

Three fellowships have been given by other colleges to Brown University women this year.

The number of the graduates of the Women's College in Brown who take fellowshps at other institutions is extraordinary. There is no other women's college of its size in the country, it is believed, that can show a similar record. We do not possess the broad acres and charming landscape of many women's colleges, but the intellectual standards of the growing institution on Meeting street are unsurpassed—as is proved by this continual stream of fellowships given to its graduates.

MATHEMATICS AT BROWN

The importance of mathematics was never so thoroughly demonstrated at Brown as during the recent war, when six-sevenths of all the students in the University took mathematical courses. We commend to every one of our readers the article which we print elsewhere on the work of the Department of Mathematics during the year.

And let us add that a special duty confronts us as Brown alumni—to complete the Nathaniel French Davis Fund. The sum in hand should be promptly increased to the intended $10,000 limit. The department is in constant need of the full interest from this fund, to provide itself with books and periodicals. The fund's income during the past year amounted to only $160. There have been many calls on Brown men's pocketbooks since we entered the war, but surely it is time to close up this account and give the Department of Mathematics the benefit of the $400 or more annual receipts that will be forthcoming when it is complete.

FROM THE OLDEST GRADUATE

The oldest living graduate of Brown, the Rev. John M. Hunt, sends the following message:

"O, I hope and pray that Brown University may shine as a light in the world which cannot be hid."

Mr. Hunt is a graduate in the class of 1842, and will be 96 years of age on October 17, 1919. He was formerly a Baptist minister, but is now living at the I. O. O. F. Home, Springfield, Ohio. There is real inspiration in his words. Surely we may take them for our permanent text. Brown University is a light set on a hill, and its rays extend farther across the world every year.

May they never falter, never grow dim.

BROWN TRAINING

A Brown graduate writes from the Johns Hopkins University at Baltimore:

"I am delightfully located here, and frequently meet the Brown graduates at the Medical School. Their reputation is of the best, and they are a credit to the University which gave them their preliminary training."

This, we believe, is more than a perfunctory compliment. We are of the opinion that there was never a time when a sounder and more substantial education was given at Brown. If any graduate is inclined to doubt this, let him make a first-hand inquiry in the class rooms.

WOMEN'S COLLEGE NOTES

VARIOUS FELLOWSHIPS

Fellowships held this year by our younger graduates are as follows:

Grace Hawk, 1917. English. Bryn Mawr at Bryn Mawr.

Drusilla Flather, 1917. Biology. Bryn Mawr at Bryn Mawr.

Harriet Waterman, 1916. Biology. Smith at Smith.

Marian Knowles, 1918. Tree Pathology. Special Fellowship given by Miss Ward—at Brown University. (Organic Chemistry. Problem: Trying to find out what fungi occur in connection with the white pine blister parasite on white pine and gooseberry in stage that occurs on the currant.)

Janet Williamson, 1918. Biology. Mt. Holyoke at Mt. Holyoke.

Eunice Chace, 1917. Biology. Smith College. (Just appointed instructor for next year at Smith College.)

Our own two fellows:

Hannah Roach, 1918. Annie Crosby Emery Alumnae Fellowship. (See letter, Sepiad, December, 1918.) Also scholarship at Radcliffe College.

Adele Wildes, 1916. Arnold Archaeological Fellowship. Studying at Columbia University. Taking courses in Greek Archaeology (sculpture and architecture, Greek epigraphy, Greek Life, Roman Archaeology and Latin epigraphy.) Recommended by her three professors for reappointment, and has been reappointed for next year.

ALUMNAE OVERSEAS

Some of our alumnae went overseas. The roll call is as follows:

Mabel LeValley, 1900. France. Red Cross Canteen Work.

Helen Hastings, 1913. France. Secretary to Nurses' Unit sent out by Boston Homeopathic Hospital.

Marjorie Mallory, 1914. France. Y. M. C. A. Secretary.

Grace Sherwood, 1906. France. Entertainer of soldiers on leave. Y. M. C. A.

Elizabeth Morrison, 1910. Italy. Nurse, Civilian Relief American Red Cross Commission for Italy.

Ollie Randall, 1912. France. American Red Cross Canteen.

Mrs. Frederick Kinyon, 1909. France. Hospital and Relief Work.

Henrietta C. Brazeau, 1906. France. Y. M. C. A. artist entertaining in the "base area" at Nimes, Nice, Monte Carlo and Marseilles. Expects later to be stationed at Coblenz with the Army of Occupation.

FROM THE 1918 EMERY FELLOW

Following is a copy of a letter from the Annie Crosby Emery Alumnae Fellow of 1918:

My dear Mrs. Allinson:

I want to tell you how happy I am here at Radcliffe. I've been most fortunate in getting classes under some of the best professors, and I love the work. I have Professor Turner in the History of the West, Professor Hart in American Government, Professor Haskins in Historical Bibliography and Criticism, Professor Wilson in International Law, and Mr. Laski in the History of Political Theories. They're all professors who have done a vast amount of creative work, and even Mr. Laski, who isn't yet a professor, has written a most brilliant book on sovereignty, and—which is very desirable from the student's point of view—they're men of varying types of personality, who have the faculty of inspiring one to work one's hardest. I really enjoy the International Law best of all—I've never done anything much more fascinating, from the intellectual point of view, than solving the actual and hypothetical cases that we are working on. And, of course, it helps immensely one's understanding of the legal problems involved in the war.

I was so fortunate as to secure a room in one of the dormitories, an

undergraduate hall, where the graduates from Everett House take their meals. It makes it especially pleasant for me to have the contact with both groups. And thus far I have been very happy in the friendships I'm beginning to form here. All in all, the year promises to be a very profitable one for me, and I shall most assuredly not rest content to let the profitableness of it go no farther.

I hope yours, too, will be a happy year. Will you kindly remember me to Professor Allinson?

Most sincerely yours,

Hannah G. Roach

CAMPUS AND CLASSROOM

LADD OBSERVATORY NOTES

Asa E. Goddard (Brown 1877) has recently presented the observatory with a set of 28 lantern slides from actual photographs of the total solar eclipse of June 8, 1918. The slides represent the best photographs taken by the expedition sent out by Yerkes Observatory, Lick Observatory and Sproul Observatory.

The income of the Ames Fund this year is being used in adding to the collection of astronomical transparencies at the observatory. These transparencies are actual photographs on glass of celestial objects, and are mounted in a special framework so that they can be illuminated by means of powerful electric lamps placed behind them. The latest additions include some photographs of Mars taken at Lowell Observatory.

Over two hundred visitors were entertained at the observatory during 1918. During the past month parties from the Fall River High School, St. Xavier's Academy of Providence, Lincoln School, Miss Wheeler's School and the Graniteville Improvement Association have visited the observatory.

Professor Currier lectured on Astronomy at the Sockanosset School on March 2, and before the Young Men's Hebrew Association of Providence on April 6. He is also giving a series of afternoon lectures on the Solar System.

A CAMPUS HOUDINI

Once more M. N. Rusby '21, proved that locks and chains have no power to hold him. The stunt this time was to escape from the hermetically sealed refrigerator connected with the Brown Union lunch room, with free meals for the rest of the year as the reward of success. The door of the ice box was securely bolted, locked, sealed, and as an extra precaution against his escape a huge beam was wedged across the frame of the door. He was secured before a large throng of students. In less than twelve minutes he appeared in a nearly exhausted conditon, with the bolts and fastenings in exactly the same condition as before he was confined.

This leads the Herald to ask: "Is it not in order to suggest that Mr. Burlingame make our campus Houdini an offer of free tuition for the remainder of his collegiate course conditional upon his getting out of the college safe?"

TRACK SCHEDULE

One of the best track schedules in years at Brown has been arranged. Dual meets with Amherst, Columbia and Wesleyan have been agreed upon, and a team will be sent to both the N. E. L. A. A. and the I. C. A. A. A. A. games.

The Amherst-Brown meet will be held during Junior Week. The last three times Brown met Amherst, in 1914, '15 and '16, Brown won.

Brown and Columbia held games in 1916 and 1917, Brown winning in New York but losing at Andrews Field the next year. Wesleyan and Brown have not met in track athletics since 1913, at which time the latter scored a 68-58 victory.

The schedule follows:

Friday, May 2, Amherst dual meet in Providence (Junior Week).

Saturday, May 10, Columbia dual meet in New York.

Friday, May 16, Wesleyan dual meet in Middletown (Junior Week).

Friday and Saturday, May 23 and 24, N. E. I. A. A.

Friday and Saturday, May 30 and 31, I. C. A. A. A. A.

JOINT CONCERT AT NEW YORK

An "A. B. C." concert given by the combined musical clubs of Amherst, Brown, and Columbia, was held on Saturday evening, March 29, in the Hotel Plaza, New York, and was a great success from every point of view. All the numbers were applauded heartily by the large and enthusiastic audience.

Most of the numbers were songs in which the three Glee Clubs took part together, but several selections were presented by the individual musical clubs. The Brown Mandolin Club offered a short program, but the 'Varsity quartette did not appear. The Brown trio, composed of M. N. Fulton, '20, piano; R. R. Baldright, '21, violin, and H. L. Tinker, '21, voice, was well received by the audience. M. R. Rusby, '21, suc-

ceeded in perplexing the audience with several of his feature escape stunts.

The later schedule follows: April 10, Crompton Church; April 15, State Institute; April 22, Churchill House; May 3, Junior Week.

JUNIOR WEEK

May 1-3 are the dates set for Junior Week. On May 1 there will be a thé dansant in the Auditorium from 4 to 7. The Fraternities will have special booths and the veranda will be screened with pines. For the dramatic offering there will be two plays: "The Man Who Married a Dumb Wife," and "Suppressed Desires." On May 2 there will be a circus, with outdoor dancing to the music of a band. At 2 p. m. a Brown-Amherst track meet will begin. The Junior Prom will take place in Sayles Hall. May 3 will witness the Brown-Yale baseball game. At 6.30 there will be a class sing. A prize of $100 has been offered for the best song. In the evening there will be a Musical Clubs concert, followed by dancing.

FRATERNITY HOUSES

A canvass made recently of all the fraternities on the hill shows that at least twelve of the twenty fraternities plan to be in houses off the campus next year and five others are not yet certain. Of those which are not now in houses, Delta Upsilon and Sigma Chi plan to move into houses on Waterman street just below Brown and Phi Kappa Psi and Sigma Nu will take up residence not far from the campus. Delta Phi will in all probability keep North Slater and Phi Sigma Kappa will remain in the south section. Sigma Phi Epsilon will be in one of the other dormitories. All the fraternities now in houses expect to remain where they are.

FOR "A" NOT "THE" LEAGUE

On April 5 a straw vote of the undergraduate men of the University was taken to determine their position on the League of Nations issue. The vote follows:

	Yes	No
In favor of some form of a League of Nations	430	29
In favor of present draft for such a league without amendments	24	358
In favor of settling the question of such a league as a part of the peace treaty	173	267

NEW SWIMMING RULE

Students from all four classes will be affected by a rule in regard to the physical training requirement which has lately gone into effect. This rule, passed by the Faculty last September but delayed on account of the S. A. T. C., says that all students entering in the fall are required to take instruction in swimming immediately upon entrance and continue this three hours per week, until such time as the requirement has been fulfilled. During the regular required gymnasium work in the winter, this course will be omitted, being resumed in the spring.

TO REPRESENT BROWN

President Faunce has appointed Rev. Bertram A. Warren, Brown, '01, of Walla Walla, Washington, as a delegate to represent Brown University at the twenty-fifth anniversary of the inauguration of President Penrose of Whitman College, at Walla Walla.

Professor Gerald Birney Smith, '91, of the University of Chicago, has been appointed to represent Brown University at the inauguration of President James Lukens McConaughy as President of Knox College, Galesburg, Ill.

HERALD PARAGRAPHS

The Brown Herald remarks editorially:

Sniff and the world suspects you. Sneeze and you sit alone.

Wanted: A small herd of cattle to graze on the university tennis courts.

We hope that there WILL be a large audience at the lecture by Dr. Edmunds on "Thirty Thousand Miles in China" LAST Sunday evening, which is so prominently advertised on our bulletin boards.

Brown was recently given honorable mention in an Art Review as being the home of many works of architecture. We should thank our stars that the writer did not see the Chem. Lab.

It is reported that when the results of the recent examinations reached the outside world the prices on Phi Beta Kappa keys rose with alarming rapidity.

That school-house globe on the chapel platform coupled with the new "no-cut" system makes us feel homesick for the days of our youth and the little red schoolhouse.

NOTES OF THE MONTH

D. H. Curtis, '20, won the Carpenter prize speaking contest, April 15, with R. L. Watson, '20, second, and A. L. Brisk, '20, third.

W. R. Burwell, '15, talked on "Oxford and Rhodes Scholarships" at the Union, April 15. Burwell went to Oxford as a Rhodes scholar in 1916.

George W. Gardiner, vice president of the Union Trust Company, addressed the Economic Club, April 18.

Count Bajnotti, donor of the Carrie Tower, died at San Remo, Italy, March 14.

The Maine Club has been engaged in an active spring campaign to secure sub-Freshmen. A representative of Brown

has been travelling over Maine in co-operation with the Maine Club and has interested a number of preparatory school undergraduates in Brown. The club at present has about twenty-five members.

The Sunrise Baseball League consists of teams from 18 fraternities.

Theta Delta Chi has won the interfraternity pool championship by beating Beta Theta Pi.

Professor B. B. Boltwood, director of the Yale Chemical Laboratory, addressed Sigma Xi on "Radioactivity and Its Bearing on Chemical Theories," April 11.

The first of the spring "College Nights" under the auspices of the Brown Union and the Brown Christian Association was held in the Rockefeller auditorium on the evening of April 1. David Davidson, '04, of this city gave a lecture on the process of moving picture production.

J. N. Farquhar, a Y. M. C. A. worker in the Orient, outlined the needs of India in an address April 1 at the chapel exercises. He pointed out that 53,000,000 of the people of India live in poverty, ignorance and superstition.

May 10 is the day set for the Freshman banquet.

Brown and Bowdoin will debate on the immigration question at some time between May 10-16. There will be no triangular Brown-Dartmouth-Williams debate this year.

The Herald announces the election of James Quayle Dealey, Jr., '20, of Providence; Fred Emil Schooneweiss, '20, of Poughkeepsie, N. Y., and Earl Randolph Stephens, '20, of Salyersvlle, Ky., as news editors for the remainder of the year.

The final interfraternity dance was held in the Union Tuesday evening, April 8. Music was furnished by the Country Club Orchestra and Gibson catered.

BRUNONIANS FAR AND NEAR

CORPORATION

A tablet has been placed by the Faculty of Worcester Academy in the Megaron at that institution in honor of D. W. Abercrombie, for 36 years (1882-1918) its principal. On the tablet are these words: "Inspiring teacher, wise administrator, master builder in things material and spiritual, uncompromising idealist, who found the school weak and left it strong."

FACULTY

On Sunday evening, April 27, President Faunce spoke on "The Place of Education in Reconstruction" before the Connecticut State Conference of Charities and Correction at New London. May 21st Dr. Faunce will speak at the meetings of the Northern Baptist Convention in Denver, Colo. The Rocky Mountain Brown Alumni Association is planning to have an alumni dinner at the time of his visit.

Dr. Faunce spoke, April 2, on "The Kernel and Husk of Christianity" before a new organization formed at college to discuss purely religious questions once a month.

At the First Baptist Church, March 16, Professors Langdon and Jones spoke on the League of Nations, the former for and the latter against it. On March 23, Professor George G. Wilson, '86, of Harvard spoke at the same church in favor of the "covenant."

Professor Sioussat addressed Gaspee chapter, D. A. R., March 19, on "The Spirit of the Revolution Applied to Present-Day Affairs."

Professor Dealey talked on Ward's Sociology March 20, to the Social Investigation Club of the Federal Children's Bureau.

Professor William H. Kenerson of the department of mechanical engineering at Brown is in charge of the work in that department at the American Army University at Beaune, France. He declares in a letter received recently by Professor James A. Hill of Brown that it will be possible to carry out a very elaborate program of education for the troops due to the provisions made by the army. "I am sending in orders for equipment that make me gasp," he states. Profssor Kenerson also mentions meeting Professor Theodore F. Collier of the History Department and Professor K. K. Smith of the Greek Department, both of whom are now in Y. M. C. A. work. This university where Professor Kenerson is now engaged opened on March 1 and became at once the largest university in the English-speaking world. An idea of its size may be gained from the statement that a farm of 600 acres will be used as the main agricultural college, while the engineering work will be housed in seven buildings. Post schools with quotas of 500 men have been established in the various divisions to the number of almost 1000, and numerous other schools have been established in various lines of vocational training. Fifteen thousand men are enrolled in the main university for a three months' course and it is expected that this

number will be substantially increased. The faculty is headed by Col. Ira I. Reeves, formerly President of Norwich University, and is composed in part of 250 American educators sent overseas during the last few months and 200 other teachers who were previously in Y. M. C. A. service.

Professor Carl Barus has been asked by the American Physical Society to treat the subjects "A gyroscopic integration for ground speed of aeroplanes" and "Electrical methods for ground speed of aeroplanes" at the coming Washington meeting of the Society.

Professor Hunkins was a delegate to the annual meeting of the Alliance Francaise at the Plaza Hotel in New York, April 5.

ALUMNI

1860

A celebration of the 50th anniversary of the occasion when Thomas W. Bicknell became State Commissioner of Public Schools in Rhode Island will be held probably in June, according to an announcement made by John L. Alger, '90, principal of the Rhode Island State Normal School. The announcement came after Mr. Bicknell had addressed the faculty and student body on "Conditions of Education in Rhode Island 50 Years Ago." Commissioner Ranger stated that a committee of 100 would be appointed later to attend to the plans. So far as is known Mr. Bicknell is the only public officer of the kind who has lived to experience a golden anniversary. Mr. Bicknell was in office for six years. In 1870 he was instrumental in forming the State Board of Education, also in founding the State Normal School in 1871. This year marks the 60th anniversary of his election to the State Assembly from Barrington.

1872

Rev. Orson P. Bestor is living in retirement near Kalamazoo, Mich. His address is Rural Delivery No. 9.

1873

George Newhall Bullock died March 28, 1919, at the home of his son-in-law, Prescott D. Reynolds, in East Providence. He was born in Providence, July 23, 1851, and was the son of Calvin Bullock and Diana Newhall Bullock. After graduation, he was connected with various mercantile establishments, and at the time of his death was in the employ of the firm of A. M. Tourtellot. wholesale produce dealers, Providence. He was twice married, (1) to Sarah Howard and (2) to Mrs. Hortense Beach Perrin, the daughter of Horace N. Beach. In college he was a charter member of the Chi Phi Fraternity.

1883

Prof. Alfred W. Anthony, the executive secretary of the Home Missions Council, has recently issued an excellent pamphlet on "The Church in the Community." His address is 156 Fifth ave., New York city.

1886

William Allan Dyer has been elected president of the Syracuse, N. Y., Chamber of Commerce. He is also a member of the Liberty Loan executive committee of Syracuse.

1888

Clarence G. Hamilton since last fall has been full professor of music at Wellesley. He also gives courses at the Boston Summer School and is engaged on a school music course, of which four years are already prepared and three more to come.

1890

H. R. Palmer addressed the Open Forum of the Westminster Presbyterian Church, Wilmington, Del., March 30, on "Democracy in the Making." On May 2 he talked to the Men's Club of the West Haven, Conn., Congregational Church on "The New Duties of Democracy."

1891

Dr. Edwin G. Dexter has been for some time chief of the Bureau of War Orphans of the American Red Cross, and as such has a record family of some 40,000 orphans. Recently a new task has been assigned him, namely that of organizing and directing the American Red Cross expedition to Montenegro. A ship from Marseilles is to be at his disposal. He expects to take with him more than 750 tons of food and clothing; 20 automobiles and trucks to aid in transportation; three hospital units equipped with nurses and doctors; and a sufficient clerical personnel to run the expedition. The unit will be stationed at Pogoritza, Montenegro, and will remain in the country at least six months. Dr. Dexter expected to spend Christmas in Paris with his son, Capt. Henry V. Dexter, '14.

Charles M. Perry is a member of the Rhode Island General Assembly from the town of Coventry. The eldest of his three daughters is a member of the Freshman class of the Women's College at Brown; the second daughter is a student at the West Warwick High School.

1894

Col. H. Anthony Dyer was a speaker at the Lantern Club, an organization composed of magazine advertising men, in Boston, April 1.

President John Hope, after twenty-five yars of almost uninterrupted service at Morehouse College, Atlanta, Georgia, was granted six months leave from his duties at the college. He at once offered his services to the Y. M. C. A. and sailed in August for France as assistant to Mr. Carter, supervisor of the Y. M. C. A. work abroad. Since his arrival he has not only supervised the work among colored troops, but in view

of 33 years of close contact with men and boys he has had all questions concerning colored soldiers referred to him. Before the armistice was signed the Y. M. C. A. asked for an extension of his leave for the duration of the war and six months thereafter, which request was granted. His headquarters are at 12 Rue d'Aguesseau, Paris.

1896

Elmer J. Rathbun, newly elected Associate Justice of the Supreme Court, was born in Coventry, April 16, 1870, and lived there until he was 14 years old, when his family moved to West Greenwich. He attended the schools of those two towns and then entered East Greenwich Academy to prepare for college. He was graduated from the Academy in 1892, after having dropped out for one year in order to earn money to continue his education. In the fall of 1892 he entered Brown, from which he was graduated in 1896, after having worked his way through. Two years later he was graduated from Boston University Law School, with the degree of LL. B., and standing second in his class in point of scholarship. He completed the three-year law course there in two years, and won a $250 prize for scholarship. He was admitted to the Rhode Island bar in 1898 and was a practicing attorney for more than 10 years. After serving for several years on the school committee of his town, Mr. Rathbun was elected to the House of Representatives from West Greenwich, and served from May, 1897, until January, 1909. While in the Legislature he was a member of the House judiciary committee and of the corporations committee. He served as Clerk of the Fourth District Court in 1900, and was then elected judge of the same court, a post which he held until he was elected a Justice of the Superior Court on Jan. 22, 1909, from which place he was promoted in March to the Supreme bench.

1897

Rev. W. J. Ballou is in France, engaged in work as a Y. M. C. A. secretary.

1899

Arthur H. Blanchard, consulting highway engineer, has been appointed chief of the Bureau of Public Works, Department of Citizenship, under the Army Overseas Educational Commission. General Pershing has requested the Y. M. C. A., through its Commission, to take charge of the development of instruction and courses for all educational work of the Army overseas. The staff of the Bureau of Public Works and Army instructors in 500 post-schools throughout France will give lectures and highways, bridges, water supply, sewage, waste disposal, public utilities and irrigation. Special emphasis will be placed on the economic value of good roads to the nation, state, county and town, and on efficient methods of highway, railway and waterway transportation.

1901

Charles E. Bryant of Coshocton, Ohio, is engaged in educational work with the American forces in France. His address is 12 Rue de Aguesseau, Paris, care of American Y. M. C. A.

1902

G. Edward Buxton, Jr., treasurer of the Providence Journal Company, was promoted on February 28 to the rank of lieutenant colonel of the 328th Infantry and detached on special duty at headquarters of the Eighty-second Division to write the division's history. He has been for some time chief inspector of the division, which has been through the hottest of the fighting in France since early last year. Lieut. Col. Buxton, whose military career began with the Rhode Island National Guard and who served during the present war as major in the 328th Infantry, has been stationed in the vicinity of Castres, Gironde, near Bordeaux, France, and expected to leave for home with that regiment in April. During his service in the National Guard, Lieut. Col. Buxton held the successive commissions from second lieutenant, to which he was appointed, to captain of the Third Company, Coast Artillery, to which he was elected in 1908. He served on the Mexican border and was commissioned as a major upon entering the present war. Lieut. Col. Buxton is a graduate of Brown in the class of 1902 and of Harvard Law School, 1906.

1903

George Waterhouse is chairman of the Council of Defense of Beaufort County, S. C.

1906

Born, on February 20, 1919, a daughter to Mr. and Mrs. T. Elliott Tolson, Elizabeth Beresford Tolson.

1908

Judge Edward L. Leahy, ex-'08, of Bristol has been appointed to the State Tax Commission by Governor Beeckman to fill the vacancy caused by the resignation of Mayor Jeremiah P. Mahoney of Newport. Judge Leahy's selection for the Democratic place on the commission came after a prolonged contest on the part of a number of aspirants. He was born in Bristol in 1884, attended the public schools there, and after graduating from Bristol high school, attended Brown and Georgetown University, graduating from the law school of the latter institution. He was admitted to the bar in this state in 1906, and is a member of the law firm of Fitzgerald and Higgins. In 1909 he was elected judge of probate for the town of Bristol, a post which he still holds. He represented Bristol in the House in 1911 and 1912 and the following year was elected to the Bristol school committee. Judge Leahy has been prominently connected with the Knights of Colum-

bus, being grand knight of the Bristol council for several years and a former state advocate. Judge Leahy married Miss Fern Dixon, daughter of former State Senator Ezra Dixon of Bristol.

1909

Edwin B. Mayer, recently assistant to the director of the Bureau of Exports of the War Trade Board, and Captain Q. M. C., U. S. Army, has received his honorable discharge and has resumed his law practice at 1624 Otis Building, Chicago, Ill.

Born, at Canton, China, to Mr. and Mrs. John Wesley Mayhew, a daughter, Jane Westbrook Mayhew. Mayhew was an All-American quarterback while at Brown and made several sprint records.

1910

Paul B. Howland, for several years a reporter for the Providence Journal, is now on the Sunday Journal staff.

Elmer S. Horton is advertising manager of the Providence Journal.

Warren C. Johnson is Philadelphia representative of Ginn & Co., publishers, with offices at 1505 Arch street.

A recent communication from Corp. Alexander W. Muir of the 23rd Engineers stated that he had been enjoying 7 days "permission" at Mentone and Monte Carlo.

1911

Charles M. King has severed his connection with Marquand School, Brooklyn, as headmaster, to become employment manager of Best & Co., 5th ave. and 35th st., New York city.

1912

Born to Major W. Randolph Burgess, General Staff Corps, U. S. A., and May Agnes Burgess, a son, Leonard Randolph Burgess, on March 8, 1919, at Washington, D. C.

"There is one death every thirty seconds from consumption in China," said Lieutenant W. S. Deming, '12, in his illustrated lecture in the Union, on the evening of April 4. This was but one of many appalling facts which he revealed in his talk on conditions in the Orient. Another startling fact brought out by the speaker was that Chinese girls work twelve hours during the day and return to their work at night. But these things, he declared, are not entirely without remedy. The Y. M. C. A. and the Y. W. C. A., besides missionaries from the various denominations, are doing the best they can to better conditions, and with the small force available are accomplishing wonders. Perhaps the largest part of this reconstruction work is being done among the children. Physical culture schools and the Boy Scouts are two methods by which the uplift is being accomplished. New enterprises and industries are constantly being introduced into the East, and India especially is profiting in this manner.

1913

Willam L. Dealey since his discharge from Camp Meade has become a reporter on the Providence Journal.

Clifford A. Hahn has been actively connected with the International Shipbuilding Company at Hog Island since the early stages of the war. Mr. Hahn gradually rose from the position of engineer to assistant manager of the Division of Stores and Materials. The position of assistant manager of one of the four major divisions of the organizations involves the responsibility for the custody, transportation, allocation, requisitioning and all other activities in any way affecting hull steel, machinery, piping, electrical and other equipment entering into the ships. There is no manager of the division, and Mr. Hahn reports directly to the president's office.

1914

Cards have been issued announcing the engagement of Sergeant Stephen S. Bean of Woburn, Mass., now of the Corps Intelligence Police, Base Section No. 2, United States Army to Mlle. Marthe Génicot of Marchienne-au-Pont, Belgium. Sergeant Bean is the only son of former Mayor George F. Bean of Woburn, Brown, '81, and is a graduate of the Woburn High School and Brown University, class of 1914. In college he was prominent in football. He is a member of the Delta Upsilon Fraternity and of the Cammarian Clubs. He enlisted on June 1, 1917, as a private with Base Hospital, No. 6 (Massachusetts General Hospital Unit), and sailed for France with that unit in July, 1917. About a year ago he was transferred to the Army Intelligence Department, and he is still in Bordeaux, France, in that branch of the service. Mlle. Génicot was with her family at Marchienne at the time of the German invasion in August, 1914, and left her home when the Germans approached that city, which is located near Charleroi. Her family remained there, though the district was continually occupied by the enemy, until after the armistice. Mlle. Génicot lived in Bordeaux and in Paris with relatives and friends until a few weeks following the armistice, when she rejoined her family. A part of this period she spent at school. Three of her brothers served in the Army of their country and two of these lost their lives. Sergeant Bean first met his fiancée in Bordeaux in 1917. In the past year he has travelled extensively in connection with his military duties, and he recently spent a furlough with Mlle. Génicot and her family in Marchienne, Charleroi and Brussels. His return to this country in May is indicated in a letter received a few days ago by his family at Woburn. No date has yet been set for the wedding.

1914 adv.

Rev. M. E. Bratcher, Ph. D., minister of

the Union Baptist Church in this city, has resigned to become associate pastor of the Calvary Baptist Church, of which Rev. Dr. Edward Holyoke is pastor. His resignation takes effect July 1, when he will take up his new duties, occupying the pulpit during the entire time Dr. Holyoke is in France. Mr. Bratcher was graduated from William Jewell College at Liberty, Mo., in 1913. Following his graduation he came to Brown for graduate work, receiving a degree of M. A. in 1914 and of Ph. D. in 1916. While at Brown he was active in religious work. Before becoming pastor of the Union Baptist Church he was education director at the First Baptist Church in this city. His successor has not been chosen as yet.

1915

Samuel G. A. Rogers, of the class of 1915, and his brother, Arthur W. Rogers, on February 5th of this year were awarded the Croix de Guerre. The citation as translated reads: "For bravery in bringing in the wounded from the most advanced post under heavy bombardment and in very difficult circumstances without rest during the fighting in October." The brothers were with Ambulance Unit 628, which has been cited for bravery five times.

1918

William W. Chaplin, son of Stewart Chaplin, '82, mentioned in the Monthly as a member of the class of 1919, should have been credited to 1918.

J. Brewer Marshall has been commissioned an ensign in the Navy.

1919

The following is an extract from a letter recently received from J. C. Scott, '19, and printed in the Herald. Scott is an officer of the United States Marine Corps and is now stationed at St. Nazaire: "The night before I left Paris, March 6, I ran into George Curry, '19, on the Boulevard des Capucines. While talking to him I spotted L. M. Prouse, '18, and so we had a three-cornered reunion. Curry is a naval officer, Prouse is an army officer, and I being a marine officer, we surely represented the old college. Last week while on a trip to Savenay I made a trip through all of the wards there in search of marines, and while scouting around I ran into Hugh McNair, '17. Talked to him for quite a while and learned that Hugh Robertson, '19, had gone back to the States with a broken wrist sustained in football. The next day after meeting McNair, I met George Kowalski, '19, in a little town called La Beaule. He has been playing in the ambulance show, 'Let's Go,' which has been so popular all over the A. E. F."

L. R. Taber, formerly of the French and American aviation service, talked to the Students' Section of the Providence Engineering Society on "Flying of different types of fighting and bombing planes." Taber has flown twelve designs of planes, both fighting and bombing. He was the only one of five in Handley-Page machines on a trip over the Alps and return to make the flight successfully. He also flew to Zeebrugge, the German submarine base. He illustrated his talk with many stereopticon views.

"Practically all of the boys are coming back to college again, and, believe me, they will put some pep into the place," was the message Hugh Robertson, '19, gave to a Herald reporter the other day. The 103rd Artillery of the 26th Division, the Yankee Division, was almost a Brown unit. In it the University had about 60 men in all. As General Edwards said in chapel some time ago, the 26th Division was the first division to get to France, and was one of the first to see any actual fighting. It was in the thick of the scrap at Seicheprey and at Chateau-Thierry, at both of which places the division gave a most excellent account of itself and covered itself with glory. It won the praise of all French and British officers who came in any contact with it. The 103rd Artillery, almost more than any other unit of the division, was in the midst of the battle. The 103rd Artillery contained Batteries A, B and C. When these batteries went to the Mexican border, Battery A was credited by army officials as being the crack State Guard battery, and it has lived up to its reputation in this war. The 103rd arrived on the transport Mongolia at Boston on April 10 and the troops were shipped straight to Camp Devens. They will probably give a parade in Providence before the units are disbanded. While in France they displayed the Brown "pep" that they had in college. At Camp Coequidan in Brittany there was many a celebration. But the best one was the one held New Year's Eve of 1917-18, which they called Brown night. Sampson, '19, and "Ken" Johnson, '19, both won divisional citations for taking wounded from under a heavy shell fire. Hugh Robertson told some good stories of the doings over on the lines. For instance, some of the Brown men ran what they called the "Million Dollar O. P." in the trenches near Saint Mihiel. It was a wonderful bomb-proof dug-out with a good observation post. They lived here like kings, compared with the way the other men were living. Another story he told was about Bill Walsh, '20. There is in France a shell crater called Walsh's crater. Bill was walking across a field when a shell landed just where he was a few moments before. In a few seconds Walsh came walking out of the smoke absolutely unharmed, so they named the shell hole after him. Private Henry Sampson, '19, was "le conducteur," which means in English "driver." Sampson didn't like his job at all, and he always got a little bit riled when the boys called

him "'conducteur." Abbott, '19, was in charge of a gun-section in which were Carl Wright, '19, and Carol Larrabee, '18. Larrabee was wounded. French was also hit at Chateau-Thierry, but was not seriously hurt. Keech, '18, was transferred from Battery A to an infantry regiment. Ray Bagley, '18, pitched some times for the battery team. Bill McSweeney, '19, and Fred Brooks, '18, were attached to the 101st Engineers, and the boys in the batteries saw a good deal of them, as they came in contact with them many times. Sergeant Hull, '18, was one of the best liked men in C Battery. He did so well in the Chateau-Thierry affair that he was sent to the officers' school. He just missed his commission by the signing of the armistice. He is now writing the battery war book. Many of the officers were Brown men. Captain McLeod of Battery C was a great soldier and much loved man. Sam Damon was an instructor at Saumour and later was attached to Headquarters Company. Stan Ward was another officer. He also coached the football team. Many Brown men were sent to the officers' school. On the regimental football team was MacMillan, '19, who played tackle. He played a fine game. Bill Walsh, '20, played end. Robertson himself saw 18 months of service. He played end on the team, and recently broke his wrist in a hard game. When the boys come back there is going to be some great old "pep" uncorked. They will make things hum. Among other things they are planning an A. E. F. Club.

Thomas M. Conroy, '19, was recently decorated by the King of Greece with the "Order of the Redeemer," one of the highest honors bestowed by that country. He enlisted at the outbreak of the war, won his commission and was given command of one of the submarine chasers sent to the Mediterranean. He took part in several engagements and was promoted to divisional commander of a fleet of chasers. At the close of the fighting he was given charge of some of the ships of the surrendered Austrian fleet, and was highly commended for his services. During the last few months he has had charge of a division of boats engaged in assisting the Red Cross in the distribution of food to the starving population and the relief of suffering among the refugees of Turkey, Bulgaria and Armenia. His last cablegram stated that he was bound for Constantinople, and expected to return home during the summer. Conroy was a member of the 'Varsity football team, president of his class, and a member of the Psi Upsilon fraternity. He left college at the end of his Sophomore year to join the Naval Reserve Force.

"Fritz" Pollard, ex-'19, on March 22 set a new indoor world's record for 100-yd. low hurdles of 11 2-5 seconds, at Baltimore. Pollard left college last year to enter Y. M. C. A. work, and at the Baltimore meet ran from scratch for the Meadowbrook Club of Philadelphia.

The Croix de Guerre has been awarded to Frederick W. Lathrop, ex-'19, for extreme bravery under fire and "absolute disregard for life and safety." Lathrop joined the Brown Ambulance Unit and was sent to France in 1917. Upon the entrance of the United States in the war he was transfered to the A. E. F. At present Lathrop is still overseas. He is a son of Rev. William G. Lathrop, '89, who is now minister of the Mt. Carmel, Conn., Congregational Church.

1920

Kenneth H. Bitting was one of the men who was given a commission shortly before the Rhode Island Batteries left Pontvalain en route to Brest for America. All of these men were in different schools at the time of the signing of the armistice and were immediately returned to their units. The commissions came as a pleasant surprise. Bitting went over with Battery A in the fall of 1917. He was soon made a sergeant-major and was so valuable to his commander that he could not be spared to go to an officers' school. Finally an opportunity was given him, and when only a week of his course remained the signing of the armistice interfered. Upon his return to this country he plans to immediately enter the bond business in St. Louis with his brother, W. C. Bitting, Jr., '08.

Mr. and Mrs. William Stewart of Reynolds avenue announcea the engagement of their daughter, Miss Margaret Louise Stewart, to Wilfred Warner Brouillette, son of Rev. and Mrs. Oliva Brouillette of Salem, Mass. Mr. Brouillette is a member of the class of 1920, and of the Sigma Chi fraternity.

ALUMNAE

1896

Mrs. Flora Holt Metcalf is teaching Art at Miss Maderia's School.

1906

Mrs. Mary Brennan Ingster is a teacher of history at the Central High School, Washington, D. C.

1910

Angie Melden is associate director of the Bureau of Development, Territorial and Insular Division, American Red Cross.

Stella Clemence is research assistant (natural history and ethnology) for Dr. C. Hart Merriam, research associate, Smithsonian Institution.

1911

Bertha Payson is a research clerk and stenographer, Military Intelligence Division, War Department.

Lida M. Bassett is director of junior membership and school activities, Potomac Division, American Red Cross (including Va., W. Va., Md. and D. C.)

1912

Mrs. Clarice Ryther is chief of the Department of Casualty Files, Bureau of Communication, National Red Cross Headquarters, where all casualty information from overseas and all inquiries from this side are carded and correlated.

Dorothy C. Walter is a clerk in the Division of Medical Records of the Surgeon General's office. She works on the statistics of wounds, diseases and defects of soldiers, making graphical representations of the statistical tables for the reports of the Surgeon General; also writes and criticizes manuscript and reads proof of reports.

Margaret B. Church is a mycologist, Bureau of Chemistry, U. S. Department of Agriculture. She is studying the genera Aspergillus, Penicillium Trichoderma, etc., and developing practical methods of producing fermented Oriental food products in this country.

1913

Minnie W. Taylor is assistant in forest pathology, Bureau of Plant Industry, U. S. Department of Agriculture.

1916

Annie E. Rathbun is assistant in forest pathology, Bureau of Plant Industry, U. S. Department of Agriculture. She is assisting in experiments on the damping-off of coniferous seedlings.

1917

Mabel E. Harrington is computer on the Ordnance Department Technical Staff, Ordnance Theory, Instruments and Metallurgy Section, Mathematics and Dynamics Unit. She is computing on ballistic tables and all kinds of range tables for various guns.

Winifred Wetherbee is research clerk in the U. S. Internal Revenue Office, Income Tax Division.

Mary E. Anderson is in the Examining Division of the Civil Service Commission. Her duties consist of rating and reviewing examination papers and assisting in holding examinations.

Lena Lopiansky is computer in the Ordnance Department, Technical Staff, Ordnance Theory, Instruments and Metallurgy Section, Mathematics and Dynamics Unit. She is computing on ballistic tables and all kinds of range tables for various guns.

Miss Mary Drusilla Flather of Lowell, Mass., is winner this year of the Mary E. Garrett or second-year European fellowship at Bryn Mawr College. Miss Flather received the degree of bachelor of philosophy from Brown University in 1917. She was laboratory assistant in comparative anatomy at Brown from 1916 to 1917, and fellow of biology, Byrn Mawr College, during the past year. She is the 36th holder of the Garrett European fellowship. Seventeen of the previous holders have taken the Ph. D. degree, 10 are teaching in colleges, three teaching in schools, one is in college administration, two are secretaries, one a bond salesman, two are social workers, four are married and have no paid occupation.

1918

C. Elizabeth Dealey is teaching at the High School, Conway, Mass., under Superintendent A. S. Thomson, Brown, '98.

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