

ALUMNI BANQUET BROADCASTED TO LARGE AUDIENCE

Technology Associations Over
Entire Country Hear
the Program

RECEPTION REPORTED
FROM ALL OVER WORLD

F. A. Vanderlip Claims Radio
As Potential Savior
of Country

Introducing the first speaker at the annual Alumni Banquet held at the Waldorf-Astoria Hotel last Friday night, R. H. Howes '03, president of the Technology Club of New York, spoke to the largest audience that has ever been known.

It was estimated that 50 million people were listening in to the music and speeches broadcasted from six radio stations covering an area of 1,500,000 square miles.

President Stratton Speaks

Starting in the Grand Ballroom of the Waldorf at 7:30 the banquet lasted until 12:30 during which time speeches were given by President Stratton, prominent Alumni, and executives of the large electrical companies doing broadcasting work.

David Sarnoff gave a short explanation to the 487 guests of the test that was being made by the broadcasting stations to establish a record for that kind of radio transmission.

Manchester Sends Cable

Twenty minutes after the first word had been transmitted, at about 10 o'clock, a cablegram was received from Manchester, England, stating that the speech had been received there, and 74 other messages were received before 12:30. Up to the present time, over 100 messages from all parts of the world have been received.

President Stratton gave a short speech on the courses at Technology and what the Institute was accomplishing and hoped to accomplish. J. P. Munroe '82, Secretary of the Corporation introduced President Stratton and it was at this time that the microphones connecting with the transmitter at WJZ were brought into operation.

"Radio Savior of Democracy"

F. A. Vanderlip, principal speaker of the evening, prophesied radio as the potential savior of democracy, saying that through its agency truths, which newspapers failed to publish, would be broadcasted throughout the nation.

(Continued on Page 4)

T. C. A. REORGANIZATION RATIFIED BY CABINET

Book Exchange Issues Call For
Third Term Books

The T. C. A. Cabinet has ratified the amendment to the constitution which provides for a reorganization of the T. C. A. The work is now divided between eight departments, one made up of the old Bible Study, Meetings, and Church Relations departments, another comprised of the Boys' Work, Social, and Deputations divisions, and a third of the Foreign Students and Industrial Service Bureaus.

The Room Registry has been consolidated with the Book Exchange and the Freshman Cabinet has been joined with the Freshman Advisers, Publicity, Information and Blotter are now carried on under one department. The Employment Bureau and the Handbook are unchanged. An executive committee of five is provided under the new organization. The members of the committee at present are, W. W. Quarles Jr. '24, President; Denton Massey '24, Vice-President; R. L. Holt '24, Treasurer; C. M. Phelps '24, Cabinet Representative; and W. M. Ross, General Secretary.

Book Exchange Wants Books

The Book Exchange has issued a call for all books that can be used in the third term. Books brought in now can be realized on sooner than if their owners wait. Books brought in late often stay on the shelves for a year, or the text-book used is changed before they are sold. The books that will be of use are listed in the General Bulletin for the third term.

PROFESSIONAL SOCIETY FORMED BY COURSE VII

Students of Biology and Public
Health Now Organized

A professional society for Course VII, to be known as the Biological Society, was organized last Friday. Membership in the new society is open to all students in the course, including co-eds and graduate students.

The following officers have been elected: J. R. Hobbs '25, President; A. W. Makepeace '25, Vice-President; and R. B. Parker '24, Secretary-Treasurer. A temporary committee consisting of C. H. Blake '24, P. K. Bates '24, and R. B. Parker '24 was appointed to arrange for affiliation of the new society with the Boston Bacteriological Society, and with Institute activities.

The purpose of the founders of this new organization is to provide a society to promote a professional spirit among the members of Course VII, and to bring before others at the Institute the advantages and possibilities of the Department of Biology and Public Health.

MARINE PICTURE EXHIBIT OPENED

Captain Clark's Collection of
Prints Now in Pratt
School

The Clark Collections of Marine Prints in the Pratt School of Naval Architecture, opened to the public last Saturday, was collected by Captain A. H. Clark, and left as a legacy to the Institute on his death in 1922. It includes about 2500 engravings, lithographs, and prints of wooden ships, from before the fifteenth century down to the time when steam almost entirely replaced sails, and in addition many models of ships.

The extent of the collection is very great; it includes United States and British war vessels; American and British steamboats, merchant ships, and yachts; French, Spanish, Dutch, and Italian shipping; fisheries; pilot boats; privateers, smugglers, and slavers; ports and harbors; docks and shipping; portraits and charts. The collection was brought together over a period of over 60 years by Captain Clark, who was one of the best-known authorities in the world on maritime affairs.

Received Master's Certificate

Captain Clark was of Puritan ancestry, the son of a Boston importer, and grew up accustomed to the water. When he was 16 he obtained his father's reluctant consent to sail as an apprentice on the "Black Prince." After a two year voyage which took him around the world, he returned as third mate, and remained in Boston for six months of commercial education. At the age of 19 he went to sea again, this time as second mate of the "Northern Light," and after a voyage to San Francisco, he returned to Boston, where he applied for a commission in the Federal Navy, but upon being refused, he took a position as first officer of the "Black Prince," now a federal troop ship.

By 1863 he received his master's certificate, and sailed in command of various ships until 1876, when he left the sea to become London representative of Boston, New York, and Philadelphia

(Continued on Page 4)

CATALOG OF DORMS IS ISSUED BY INSTITUTE

The Dormitory Board has just issued a catalogue of the Institute Dormitories which contains plans of the new Ninety-three Unit. The catalogue is issued in the form of a pamphlet about 8 1/2 by 11 inches. It describes the dormitories, tells of their equipment and government, and gives directions for applying for rooms. Floor plans are given and a scale of prices.

Included in the pamphlet are the three new dormitory units. The unit just built was made possible by a gift of \$100,000 by the class of '93 at their 30th reunion and it has been decided to call it Ninety-three Hall. It is five stories high and contains 71 rooms, five of which are double. Plans and prices are also included for the sections of the old dorms formerly occupied by the Delta Tau Delta and Delta Kappa Epsilon fraternities. These sections have been named Ware Hall and Crafts Hall respectively, after former Institute officials.

BEAVER MATMEN CONTENDERS FOR N.E. CHAMPIONSHIP

Team Ends Season at Providence
in Meet With Harvard
and Brown

HEREFORD, TUTTLE AND
COYLE LIKELY WINNERS

As a climax to a fairly successful season, the wrestling team will enter the New England Intercollegiate at Brown on Friday and Saturday of this week. A first and second team will be entered from each of the three schools represented, Harvard, Brown and Technology. The idea of a second team championship was initiated by Dr. J. A. Rockwell '96, secretary of the New England Intercollegiate Wrestling Association and member of the M. I. T. Advisory Council.

Since Dartmouth had ceased to recognize wrestling as a varsity sport and has withdrawn from the Association Dr. Rockwell suggested that each University should enter a second team as well as a first; the second team to wrestle for a cup which should go to the school whose sub-team won the most points. It is believed that the interest which the second string men are given in the meet will strengthen the teams in years to come.

Engineers in Good Shape

Although the varsity was rather badly beaten by Harvard, the Cardinal and Gray still has an excellent chance to come through the championships well. At Harvard the team was in a bad mid-week slump, and made a much poorer showing than its ultimate strength warrants. The Beavers defeated Princeton 21 to 10 the week after the Harvard meet. In this meet the team showed great improvement and on last Saturday when the team was defeated by the strong Lehigh aggregation by the close score of 12 to 8, the wrestlers showed the best form of the season. Lehigh whipped Yale 17 to 8 a short while ago, although Yale had previously beaten Tech 22 to 3. Last Saturday Yale beat Harvard 18 to 6. These scores show the growing improvement of the wrestlers from a rather weak team to a much stronger aggregation.

In the 115 pound class, Ted Coyle will represent Technology. Ted is at present the second highest scorer on the team this year. His total of points might have been larger if a fall he gained at Annapolis had been allowed. A referee's questionable decision for which an apology was afterward made both by the Navy coach and Ted's opponent prevented Coyle from obtaining credit for a fall. Powers will wrestle on the second varsity if he can make

(Continued on Page 3)

FRESHMEN CRITICIZE OLD TRAINING FILMS

Much amusement was caused the freshmen by the training movies shown by the Military Science Department in room 5-330 last Friday afternoon. The pictures illustrated the loading and shooting of a rifle, the manual of arms, and the school of the squad.

The entire class counted in cadence as the men on the screen executed the manual of arms, and occasionally severely criticized the models for not working quickly enough. When the pictures following such statements as "This is not correct" were flashed, a storm of criticism broke out, and "Sergeant, get his number," broke out from all over the room, except from a group in one corner who were too busy smoking to bother.

Disliked War Reminders

Owing to the fact that the pictures were made during the war for the training of the A. E. F., they were interspersed with such subtitles as "Our enemy thinks it worth while to pay attention to little things," or "This is what our enemy does," with flashbacks of German troops in training, or of dead soldiers on a battlefield. Such scenes as this brought many caustic comments. "The war's over," was the favorite.

The general opinion of those who saw the picture seemed to be an admiration for the proficiency of West Point men who illustrated the movements, together with the generally expressed opinion that it would have been better to eliminate the bitter reminders of the last war.

BEAVER NOW IN POSSESSION OF JUNIORS AS OUTCOME OF RAID ON CAMBRIDGE GARAGE

DR. R. C. CABOT SPEAKS
TO SOCIAL WORKERS

Two of the members of the T.C.A. Advisory Board, Captain Elliot Snow and Professor Hale Sutherland '11, W. M. Ross, general secretary of the T.C.A. and Harrison Browning '25 attended a meeting of the field workers and executives of Cambridge social agencies held at the Phillips Brooks House yesterday afternoon.

Dr. R. C. Cabot led a discussion on the subject "Should a social worker ever deceive a client, another social worker or the general public?" Other questions connected with social work were also brought up and the advisability of future meetings discussed.

NORRIS DELIVERS POPULAR LECTURE

Last Lecture of Society of
Arts Series Given
Last Sunday

"Molecules, Atoms, and Electrons" was the subject of the last Popular Science lecture this year, given by Professor J. F. Norris Sunday afternoon. He devoted the major part of his talk to explanations of the infinitesimal size of these divisions of matter, and how this had frustrated all attempts to isolate them until the recent achievement of isolating an electron.

This isolation of an electron was accomplished by throwing the electron on to a very small drop of oil in order that its movements might be watched, and bringing near it a positively charged plate. The rate at which the drop of oil rose toward the plate afforded a means of measuring the power of the electric charge which constituted the electron.

Pure Science Practical

Throughout his lecture, Professor Norris emphasized the practical value of the purely scientific study of the fundamental properties of matter. He cited the processes for the prevention of smoke and for the purification of water as examples of this, both processes being derived from the results of the study of colloids.

Much interest was shown in the various ways of making invisible particles visible, by attaching to them some visible substance (for instance, by condensing water vapor on them) or by the use of the principles of the ultramicroscope. Following these came statistics intended to show the relative sizes of the electrons, atoms, molecules, and the smallest particles within man's range of vision.

The final part of the lecture was a discussion of the structure of molecules, and how, by rearranging and adding or taking away atoms in a molecule, the same substance could be converted into a poison, a medicine, an explosive, an antiseptic, a resin, a perfume or a dye. Professor Norris demonstrated that a compound with one arrangement of atoms would give a red dye, while another substance containing the same elements in the same proportion, but with the atoms differently arranged would give a violet dye; that a blue flower may become violet by the addition of one element.

CORP. XV. MEN GO ON SPRING TRIP TONIGHT

Thirty-Five Members Will See
Bridgeport and N. Y.

Thirty-five men including Professor Schell and H. L. Bond of the Faculty leave for Bridgeport tonight on a special Pullman.

The group will be in Bridgeport all day Thursday and Friday morning. At noon they go to New York and will be quartered at the Commodore Hotel. The United Electric Light and Power Company is planning to transport the party by busses to the Hell Gate Station Saturday noon where a luncheon will be served followed by an inspection of this huge power plant.

A dinner is to be held at the Tech Club in Grammercy Park on Friday evening. The trip ends with the inspection of the Hell Gate Station.

RESISTANCE NOT OFFERED DURING JUNIOR ACTIONS

Seniors Certain That They Will
Regain Mascot in a
Short Time

After the meeting of the Prom Committee last Friday evening, seven Juniors removed the Beaver from its hiding place in a corner of the Technology Garage and assumed possession of it for the Class of 1925. The garage, which is less than a quarter mile from the Institute had sheltered the mascot ever since its showing by the Seniors on Friday, February 29.

E. D. Murphy '25 who discovered the location of its hiding place is responsible for the action of the Class. While walking along Massachusetts Avenue one afternoon, Murphy saw a group of Seniors removing their mascot from an automobile and noticed that they carried it into the garage. He reported his discovery immediately to G. L. Bateman '25, President of the Junior Class.

When the Juniors reached the garage, they expected to be met with a little opposition, believing that the Seniors had posted the owner to watch out for any other than Seniors carrying it away. They were surprised therefore when they had no trouble whatsoever, apparently being mistaken for a group of Seniors. A colored porter with a brief inquiry as to whether they were taking the beaver out again was all the resistance offered.

Removed in Automobile

The Beaver was placed in a waiting automobile and removed to its new hiding place. Bateman, in commenting upon the incident said "I want to thank the Seniors for placing a leather belt around the Beaver so as to facilitate our carrying it. The Beaver is in a safe place now and the Seniors will have a tough time trying to take it away from us."

When W. H. Robinson '24, President of the Class of 1924 was told about the appropriation of the Beaver by the Juniors, he said, "Congratulations to them. I'm glad that the Juniors got it because they'll be the easiest to get it away from." He admitted that the loss of their mascot spoils some of the plans which had been laid for Senior Week. He is confident that his Class will regain it before that time.

T. F. Bundy, who was chairman of the Senior Committee in charge of the Beaver, reflects the same confidence as Robinson. "It was a sad mistake to leave the Beaver in the garage," he said, "but it will be different now that the Juniors have it. Most of the Seniors take an interest in it and I am pretty sure that we will get it back soon. We are looking for a clue as to its hiding place now."

H. W. TYLER SAILS FOR EUROPEAN TOUR TODAY

Professor H. W. Tyler '84, Walker Professor of Mathematics and head of the Mathematics department at the Institute, sails from New York today, with his wife and daughters, for an extended stay in Europe. He is leaving on the Steamship Chicago of the French Line, which goes direct to Le Havre.

The itinerary which Professor Tyler has planned for himself includes a stay in Paris, a five weeks' tour of Spain, a trip across southern France to Italy, and a stay of a month in Switzerland. While in Italy, Professor Tyler expects to be a delegate at the celebration of the 700th anniversary of the founding of the University of Naples. He will return to America early in September.

During the absence of Professor Tyler, Professor F. S. Woods will be in charge of the work of the Mathematics department.

CALENDAR

Monday, March 24
6:30—Last of 1900 Dinner, Faculty Dining Room, Walker.
Wednesday, March 26
7:30—Meeting of Corporation XV, north hall, Walker.