Walter Wellman in Balloon Off Sable Island; 300 Miles Out

Walter Wellman, the well-known balloonist, has finally commenced his long awaited trip across the Atlantic. With what success he will accomplish this attempted feat remains a matter of conjecture. A trip by balloon is hazardous in the extreme, and the men who are attempting it realize too well what risks they take when their name goes in the voyage is completed.

The start of the great balloon "Amelia" was long delayed, and the men interested had been the subject of much harsh criticism. So it was with no small amount of satisfaction that the assembled crowd on the grounds of Atlantic City saw the huge silk bag taken out of the shed and placed on the ground. The men, the largest and heaviest of the crew, were present. The presence of the heavy fog, which the men realized, was a blessing in disguise. The wind was favorable, and the balloon was released into the sky.

The object of the trip is to obtain data on the wind as it affects the Atlantic. The trips are planned to be made at regular intervals during the year, and the results will be published in the scientific journals.

The preliminary trials for the 1914 relay team are to be held this afternoon at the Field. About twenty men have been working out in practice, and the time trials today will show what sort of men they are. These trials are not final, and the team is not picked until after the 15th, when the final trials are held off. Each team is timed for the 220-yard dash, and the two fastest men are picked as the team, and the next two in the list.

The preliminary trials for the balloon race will be held Thursday, October 28. There is considerable competition for the 1914 positions, and the team will be selected by the captain of the team. The balloon will be raised four feet, and the street cut between the points mentioned is to be tied in with steel bands.

The previous trials for the 1914 relay team will be held Thursday, October 28. There is considerable competition for the 1914 positions, and the team will be selected by the captain of the team. The balloon will be raised four feet, and the street cut between the points mentioned is to be tied in with steel bands.

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BOSTON, MASS., OCTOBER 17, 1910

CROSS COUNTRY RUN

H. G. Watkins 1912 Wins Run at Wakefield

In spite of the threatening sky, twenty-five men left the North Station for the third Hare and Hounds run of the season. Starting from the Wakefield Y. M. C. A., R. M. Perry 1912, and H. H. Wadsworth 1913, led a good trail of about eight miles, and finished just as the rain commenced to fall. The fast squad did not put up very well, but the second bough was treated to a cool shower long before they reached the finish. Nobody found the bags.

H. G. Watkins 1912, headed the first squad on the final stretch. Mr. W. E. Davis 1910, and E. E. Perry 1912, following in the order named. The finish of the second squad was unusually close— it was suggested that they wanted to get in out of the wet. C. H. Purdy 1913, and R. D. Donnor 1912 raced side by side, and it was just at the finish that Purdy pulled away a lead of a few inches.

On account of the Fall Handicap meet coming next Saturday, no Hare and Hounds run will be held on that date. The management urges all cross-country men to enter some event of this meet, and reminds them that liberal handicaps will be awarded. Entry books will be hung up at the Field, in the Gym and in the Union. All entries must be in on or before Thursday night.

Cross-Country men are also reminded that a table has been reserved in the Union for all track and cross-country candidates, and that all team candidates are expected to take their meals there.

THE CHEMICAL SOCIETY

The first meeting of the Chemical Society is to be held in the Union on Wednesday evening, October 19, at 7:30 P. M. The speaker of the evening will be Professor Talbot, who will have for his subject "The Achievements of Chemistry in New England, and What They Stand For." It has always been a great pleasure to the society to have Dr. Talbot as speaker at the first meeting. His talk should prove very instructive to all men who are interested to know the part Chemistry is playing in the world's work.

It is particularly desired by the society that all members of the Sophomore class of the years 1912, 1913, and 1914 should come to this meeting, in order that they may become acquainted with the opportunities which the society provides in a professional and social way. The Executive Committee has in view a program for the year which will be very interesting and instructive, and hopes to have the active support of all the eligible men from the class of 1913.

THE TECH, BOSTON, MASS., OCTOBER, 17, 1910

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During the past three months two of the three volumes on "The Identification of Pure Organic Compounds," by Dr. F. P. Mulliken of the Organic Chemistry Department, were issued. The three volumes have been in process of compilation for the past eight years, and volume two is still withheld until a date which must be announced at some future time.

Volume one contains classified descriptions of about 2500 of the more important compounds of Carbon, with hydrogen and with hydrogen and oxygen. Volume two, which is still unfinished, is devoted to the identification of organic compounds of nitrogen. This volume is to be larger than volume one or three.

The last named is entitled "Identification of Commercial Dye-stuffs," and contains a method for the identification of pure organic compounds by synthetic and analytical procedure which is based on the physical properties and chemical reactions of the various substances treated. It contains classified original descriptions of nearly 1700 synthetic and natural dyes, as well as their mixtures, with respect to many allied brands. Suggestions on the examination of dyes and mixtures and a color standard are also given.

This work of three volumes is, in fact, a general procedure in Organic Qualitative Analysis, and the discovery of the proximate composition of any of the unknown organic substances whatever, whether there be simple compounds or mixtures. Many obstacles have arisen during the process of writing these volumes, but have all been overcome by the patient and careful research of the author. These volumes of the work are welcomed by the scientific schools, but also by the commercial world, for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for the latter has been clamoring for

Last June was published the "Outlines of Organic Chemistry" by Professor F. J. Moore. This book is designed especially for the use of the non-professional student, to whom a good general view of the subject is a necessity. It treats of the underlying principles in a connected manner, showing the types and relations between groups in such a manner that they may easily be remembered.

The main source of the material has been the lectures that the author has been giving for some years at the Institute.

There have been a number of changes in the schedule for the second year, and Professor Moore is at present giving a course X. In the first term of the second year as it stands at present no French is required, and only two hours of German a week instead of three, as formerly. Additional courses in Procurement of Measurements, Physics Laboratory and Inorganic Chemistry are required during the second term of the second year.

Dr. Frederick G. Keynes, an instructor last year, has been placed in charge of the Theoretical Chemistry Laboratory.

Professor Lewis of the Department of Physical Chemistry has charge of the Industrial Laboratory this year. This room is to be generally overhauled. Much work has been done in the laboratory and extra room gained by the moving of the storeroom to the roof. This new storeroom is to be made of galvanized iron and will be constructed according to the plans set forth in the thesis of Mr. Drake at the American Tobacco Co., which he delivered at the New York Meeting of the American Chemical Society last March. The large number of men have returned from the War, making the work for them much more difficult than formerly.

Professor Moore is at present giving a course of two lectures a week at Harvard, taking the place of Professor Torrey, who died early last summer.

Dr. Hall has translations of several books in press at present and has also, with Mr. Bullock, published a treatise on Glassware on the thesis "Best Sugar Manufacture."
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Course III and IV, Section Hour, Thurs. 5; Room 23 L.; Instructor, Prof. Doten.
Course V, VII, X, XII, Section Hour, Thurs. 10; Room 26 L.; Instructor, Prof. Doten.
Course VI, 1 and 2, Section Hour, Thurs. 10; Room 42 R.; Instructor, Prof. Deten.
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