GEOLOGISTS TAKE TRIP INTERSCHOOL DRILL COSMOPOLITAN CLUB TO TECH SHOW IN VON. XXX. NO. 138 BOSTON, MASS., TUESDAY, APRIL 25, 1911 PRICE TWO CENTS

Interesting talk on formation of Locality given by Professor Daly

FOSSIL HUNT

Price of fifty dollars offered to one who should find a fossil. All search in vain.

Yesterday afternoon, the members of the class in geology took a trip to the Somerville quarries. On arriving, Prof. Daly sent the men around by themselves to observe the various formations, and then sitting himself on one of the huge boulders in the center of the quarry, he began his detailed discussion of the origin and structure of this section.

The sea and then the land covered the sea bed and was formed by the great sheet of basalt, called a sill; which by cooling was changed to trap. This series was then in Paleozoic times dome, on which sheet there was building and was thereby forced above the level of the sea. It was then been formed by a laccolith intruded in this formation. The great number of contemporaneous dikes were forced up through this series, resting across every thing in its path; these dikes which are from five to ten feet thick have the same dip and strike and cut across the unrolled beds and the sill, showing that it was younger than these other formations. The entire area shows remarkable faulting and uplifting. This is shown by the boiling up of rocks, situations and the sinkholes. These phenomena are faulted considerably and show numerous big fault lines of caldor in some places; these are the same lines that have faulting to the faulting. Mineral formation formed at a great depth. Sometime on then attack's in the Cretaceous period and it was given a more or less complete to the North. In this part the formations are fairly complete. Dikes were formed in the territory valley between the Somerville and Malden. This valley contains a large mud flat which is the present erosion of the highlands and the dome.

Glaciation then attacked this region and removed the entire country with a layer of till. This material is formed by the grinding together of the different kinds of rocks and debris entirely from clay. By the process of weathering the iron has been leached out of the rocks and has a greater part of the formation.

Since the glaciation period the till has been covered by a mutual tidal origin; in the high exposed places, the till is still persistently in view.

The Tech, Cranston, is a good example of the Mon Mountri Slate can be seen. Here also of the dikes in the other quarry.

Next Monday the Fossilm Hunt Squad Drill will have their next meeting. Mr. Ito has been appointed to introduce the various types of fossils which are to be found in the Somerville quarries and to point out their formation and structure. From the appearance of this season in the Malden Auditorium on Wednesday, April 26th.

It was superluous to say anything about the show that all the who have not already seen the performances should take advantage of this last opportunity this year. Nearly everybody in the Institute has seen either "Frenzied French" or "Ito Ito of Tokio. Many other novelties will be introduced the exact nature of which has not yet been divulged. The Provisional program is as follows:

CONFERENCE ON SCIENTIFIC MANAGEMENT

Will be held at Darmouth College the next week in the Malden Auditorium. Why not see "Frenzied French"? Unless you want to miss it, get ticket for Wednesday night at the box office of the Malden Auditorium.

CALENDAR

Send all notices for calendar to H. W. Taft 1913

TUESDAY, APRIL 25

1.00 Tech, Providence R. I. Union
1.15 1913 and 1914 Cross Country Practice—Field
1.30 Union Conf., Met.—Dean's Office, Baseball Practice—Field
2.30 1913 Tech, Conf., Met.—Dean's Office, Baseball Practice—Field
4.00 1913 Tech, Conf., Met.—Dean's Office, Baseball Practice—Field
6.00 1913 Tech, Conf., Met.—Dean's Office, Baseball Practice—Field

WEDNESDAY, APRIL 26

2.00 1913 Interscholastic Drill—Field
3.15 1913 Cross Country Practice—Field
4.15 1913 Baseball Practice—Field
6.35 Musical Night—Robb Boiler Manuf. Co., South Framingham. All students invited to go.

THURSDAY, APRIL 27

5.00 1913 Tech, Conf., Met.—Dean's Office, Baseball Practice—Field
6.15 1913 Interscholastic Drill—Field
7.45 Musical Night—Robb Boiler Manuf. Co., South Framingham. All students invited to go.

SATURDAY, APRIL 29

11.00 Train for Malden leaves North Station at seven-thirty-five, tomorrow night.
Students of Civil Engineering

You should read the ENGINEERING RECORD in connection with your studies.

It describes engineering works which exemplify the best practice in design and construction.

It will keep you in touch with the work of the leaders in all branches of civil engineering and construction.

It will make clear the practical applications of the engineering principles you are studying.

The RECORD is devoted exclusively to sub ects of interest to civil engineers.

Its volumes contain an immense amount of valuable technical and practical information on engineering work. You should have this information on file for future reference. Some day you will need it in your work.

The Engineering Record is published weekly at $3.00 a year
Over 2000 Pages of Reading Matter Per Annum

Special Student Rate, $2.50 a year

SEND FOR SAMPLE COPY TODAY

Engineering Record
239 West Thirty-ninth Street :: :: NEW YORK

REMINDER

MATERIALS for Spring and Summer wear, both Foreign and Domestic, are now ready for your inspection. Your Patronage is Solicited

Early Orders Desired.

A. G. MORSE, TAILOR
Formerly of Morse & Residenso

Telephone, Oxford 105
18 Boylston Street, Boston

STONE & WEBSTER

CHARLES A. STONE, '88
EDWIN S. WEBSTER, '88
R. NOEL & ROBB, '88
ELIOT WADSWORTH
HENRY G. BRADLEE

Securities of Public Service Corporations
Under the Management of our Organization

STONE & WEBSTER
MANAGEMENT ASSOCIATION
GENERAL MANAGERS OF PUBLIC SERVICE CORPORATIONS

STONE & WEBSTER
ENGINEERING CORPORATION
CONSTRUCTING ENGINEERS

PATENTS

Prize Offers from Leading Manufacturers

Book on patents. "Hints to inventors." "Inventions needed." "Why some inventors fail." Send rough sketch or model for search of Patent Office records. Our Mr. Greene was formerly Acting Commissioner of Patents, and as such had full charge of the U. S. Patent Office.
RAILROAD CONSTRUCTION
IN MAINE THIS SUMMER

Bangor and Aroostook Plans to build
One Hundred Miles of New Track
Through Wilderness

This coming summer, Northern Maine will
be the scene of greater activity in railroad building than any other section
of New England. It is well understood that the Bangor and Aroostook is plan-
ing to begin construction on the pro-
gressed Allagash Extension through the
Forest to the northern border of the
State, and that the road expects to have
one hundred miles of new line completed by winter. The Allagash Ex-
tension calls for an estimated expendi-
ture of $7,750,000 for 157 miles of new
track. It will traverse the heart of the
Maine Woods and open up a great area of virgin territory.

The Bangor and Aroostook was grant-
ted charter rights of great significance
by the last Legislature. These rights authorize Mr. Gould and his associates
to build a line from the town of St. John, New Brunswick, diagonally
across that province to Andover Parish on the St. John River, thence to Presque
Isle and Washburn, the last-named sec-
tion being already completed and in opera-
tion; thence, the west across the State
of Maine and the Province of Quebec, reaching the St. Lawrence at the
Quebec Bridge. By this route the jour-
ney from Quebec to St. John will be only
372 miles as against the 378 miles by the
International.

The new road will be unique in that
it will be one of the longest railroads in the world operated by electricity.
This step is necessary because of the op-
erations of the timber owners upon their valuable holdings exposed to the
ever-present risk occasioned by the oper-
ation of steam locomotives through the
their lands.

TECHNIQUES ON
SALE AT OFFICE

Limited Number of books on hand. May be obtained at Technique
Office daily.

All those who did not get their Tech-
niques but who signed up for them may obtain them any day this week from 1 p.m.
until 2:00 and from 4 until 6. The men who received the first five books in the
push may receive their money back dur-
ing these same hours. There are a lim-
ited number of books left for those who
have not as yet signed up but they are
being rapidly sold and for every one
who wants a book now must show sign
of life and come around early. The
leather bound editions are nearly all
gone for they proved extremely popular.
So many good things have been said about
the TECHNIQUE book that we want no one
to describe its success, but we do want everyone to procure
a copy of what is considered the best
TECHNIQUE ever printed.

THE TECH
has Credit, that
will be sold at a
discount, with
stores selling the
following articles
Men's Furnishings
Tailors
Shoes
Hotel Due Bills

COBB, BATES & YERXA CO.

Have exceptional facilities for supply-
ing hotels, restaurants, fraternity and
college houses and large consumers
of every sort.

55 SUMMER STREET
57 CAUSEWAY STREET
274 FRIEND STREET
6 AND 8 FANNUIL HALL SQ.

Wholesale
and
Retail

TECH BOWLING HEADQUARTERS
Trinity Court
Bowling Alleys
Established 1898
Opposite the Union

Two minutes walk from all Tech Buildings. Unexcelled facilities
for ladies and the most
fastidious bowler to enjoy this fascinating
and healthy pastime. Alleys reserved and screened for private
parties. Come in and enjoy a little fun and exercise between
periods.
In "A Matinee Idol"

SOLATIO M. TAYLOR

Maclachlan's

All Goods Required by

End of the Bridge

The Prince of Pilsen

486 Boylston

Kodaks & Supplies

Drawing Instruments and Materials, etc.

TRINITY COURT PETIT LUNCH

THESIS WORK NEATLY DONE

MISS SAWYER

486 Boylston St., Opp. Roger’s Bldg.

TEL. 735-M B.B.

THE TECH has Credit, that

has just received an importation of

HENRY HEATH'S

ENGLISH CAPS AND CLOTH HATS

This season our assortment is larger than ever and includes many exclusive

styles and patterns

Tech. Bands Carried in Stock

Collins & Fairbanks Co.

383 Washington St.

Boston, Mass.

DRAWSING DEPARTMENT

Week of April 24th.

Descriptive Geometry.

Construction 8.

Mechanical Drawing.

Black-coll Stude. (2 hours)

Construction 9

Examples 5 and 6

(4 hours)

NOTICE

News Board Meeting to-day at

1:30 p.m. sharp. IMPORTANT.

CHEMICAL SOCIETY NOTICE

Nomination papers, signed by five members, for officers of the Chemical

Society for next year, will be received at the cage until May 6. To be elected—

President, Vice-President, Secretary, Treasurer, and member of Executive

Committee.

L. M. White, Sec.

NOTICE

Institute Committee meeting scheduled for Tuesday, April 25th, postponed

further notice.

D. R. Streysa, Clm.

TECHNOLOGY CHRISTIAN

ASSOCIATION MEETING

Annual Election of officers to be held

The Technology Christian Association will hold its annual election of officers,

on Tuesday, April 25, 1911, at 4:30 p.m. in 5 Engineering Building B. The So-

ciety demands the presence of every member. This meeting will be one of

the most important of the year and should interest every member.

TRACK TEAM DINNER

CALLED OFF

Due to lack of interest of students,

Money refunded to those who

have bought tickets.

Owing to the small number of students who have signed up, and to the princi-

pal lack of interest shown, the Track Team Dinner which was to be held this

evening has been postponed indefinitely. The price of the ticket will be refunded to

those men who have already purchased one; if they so request by writing to the

management. T. S. G. has been no decision made as to whether the Track Team will hold an-

other dinner this year, but it is safe to state that unless more cooperation is

given than it was evidently, none.

OLD COLONY TRUST COMPANY

Capital and Surplus, $12,500,000.00

Main Office, Court Street

Branch Office, Temple Place

SAFE DEPOSIT VAULTS AT BOTH

OFFICES

OLD COLONY TRUST COMPANY

Capital and Surplus, $12,500,000.00

Main Office, Court Street

Branch Office, Temple Place

SAFE DEPOSIT VAULTS AT BOTH

OFFICES

MR. A. J. SHEAFE

MASTER OF DANCING

SHEAFE'S HALL

30 Huntington Avenue

Private Lessons Daily by Appointment

Preston’s Coffee House

Open All Night

285 Boylston Street, Boston

Telephone 2061 R. B.

"The Chocolate

that are different!

For Sale at the Union

Chamberlain Hats

SHIRTS

AND GLOVES

FOR

TECH

MEN

Two Stores

637 Washington St. cor. Boylston

659 under Gaiety Theatre

CLIFTON, 25 in. high

REDFORD, 24 in. high

The New

ARROW

Notch Collars

Strung to the neck, the tops meet in front and there is ample space for the cravat.

Richards Studio of Dancing, 30

Huntington Avenue, Suite 426-427,

Tel. B. B. 4475-M (Tech Ref.)

Ball-Room & Classical by appoint-

ment only. Special Rates to

Students.