

One hundred and twenty second Meeting January 8-1892

In the Assembly Hall Cosmos Club.

President Diller in the chair.

53. persons present.

The minutes of the 121st. meeting were read and approved.

The president announced that the presentation of informal communications would be deferred until after the regular program.

Regular program.

Mr. Charles D. Walcott. -- The Outlook of the Geologist in America.

This was the substance of Mr. Walcott's presidential address before the Geological Society of America at Rochester, N. Y.

Mr. W. R. Campbell: -- Recent Geological Work in Pennsylvania.

As an informal communication

Mr. Joseph A. Taff then presented

some notes on "Interformational conglomerates and oolites in Cambrian and Silurian limestones of the Allegheny Mountains of Indian Territory.

Discussed by Messrs. Emmons

Campbell, Stose, Merrill Diller

Martin and Fuller.

At 10. P. M. the society adjourned.

Wm. A. Brooks
Secretary.

One hundred and twenty-third Meeting.
 Jan 22 - 1902
 In the Assembly Hall Cosmos Club.

President Diller in the chair
 42 persons present. ^{The minutes of the 122nd Meeting} were read and approved.

Regular program.
 Dr. J. C. Diller. "The Development of Septa in Paleozoic Corals"
 discussed by Mr. Vanuxem.

Mr. C. H. Leitch. "The Mesabi Iron Range of Minnesota." Illustrated by lantern views. ^{discussed by Messrs. Emmons & Nicholson.}

Dr. Whitman Cross. Comments on paper by Mr. Willis on Stratigraphic Classification.
 discussed by Messrs. Willis, Clark, Williams, Diller and Stanton.

At 10⁰⁵ P. M. the Society adjourned.

Alfred H. Brooks
 Secretary.

120
One hundred and twenty fourth Meeting
Feb. 12 - 1902.

In the Assembly Hall of Cosmos Club.
President Diller in the chair.

47 persons present.

The Minutes of the one hundred
and twenty third meeting
were read and approved.

The chair announced the
election of Mr. R. W. Stone
to active membership.

Mr. David White presented some
notes on conglomeritic and
brecciated conditions in
fire clay at MA Swayne Penn.
discussed by Messrs. Hayes &
Barnstiel

as an informal communication

Regular program

Mr. G. P. Merrill. "Pitiful Mining in Virginia"
discussed by Messrs. Hayes & Cross.

Mr. W. C. Mendenhall. "Notes on the
Geology of the Mendocino"

Mr. Arthur C. Spry. "The Mangrove
Ores of Santiago Province Cuba"
discussed by Messrs. Yerrill
Diller, White & Emmons. Irving
Hayes and Dawson.

Mr. Whitman Cross. "Notes on the
Development of Systematic
Petrography in the United States"

Mr. R. G. Chapman. "Stratification
in Mine Groups"
discussed by Mr. Diller.

At 10 P.M. the Society adjourned

Wm. H. Brooks
Secretary.

One hundred and twenty fifth Meeting

Feb. 26th. 1902. At Assembly Hall
of Cosmos Club.

President. Diller in the chair
and 55 persons present.
The minutes of the ~~two~~ one
hundred and twenty fourth
meeting were read and
approved.

Regular program.

Mr. T. W. Vaughan: Earliest
Tertiary Coral Reefs in the
Antilles and the United States.
Discussed by Mr. Diller
and Prof. Williams.

Mr. Bailey Willis: Conditions of Overthrust
in the Northern Rockies.

Discussed by Messrs. Campbell, Weeks,
Gilbert and Ransome.

Mr. F. E. Matthes: Glacial Erosion
in the Northern Rockies.

Discussed by Mr. Emmons.

At 10²⁰ P. M. the Society adjourned

Alfred H. Brooks.
Secretary

[Handwritten initials]

One hundred twenty sixth Meeting
In the Assembly Hall of the Cosmos Club.
March 12th - 1902.

President Diller in the chair

Supplemental communication ³¹ persons present.

Mr. Myron L. Fuller. Etching of
quartz pebbles.

Discussed by Messrs. Stose. Hayes.

Mr. Joseph A. Taff. "A physiographic
feature of the southern Indian
Territory."

Mr. Arthur C. Spencer. Exhibition of
specimens showing origin of asphalt
deposit in ~~Sancti Spiritus~~ ^{Hesperia} Peboinea Cuba.

Discussed by Messrs. Richardson & Diller

Mr. Geo. C. Smith. A Gold Mine in
northern Washington

Discussed by Mr. Fuller.

Regular Program.

Mr. G. I. Adams. Lithologic phases
of the Upper Carboniferous of Kansas
Indian Territory and Oklahoma.

Discussed by Messrs. Taff. Fuller. Girty
White Richardson.

Mr. F. B. Weeks. Gold-bearing Quartzites
of Eastern Nevada.

Mr. G. P. Merrill. Notes on a (hitherto
undescribed) Meteorite from
Admiral Kansas.

A. 9.40 Society adjourned

Alfred H. Brooks.
Secretary.

One hundred and twenty seventh
Meeting

March 26th 1902.

In the Assembly of Cosmos Club.
President Diller in the chair.

³³ persons present and approved.
The chairman announced the
election to active membership.
J. Messrs. Arthur H. Peckel.
Gilbert H. Grosvenor. & Macy.
H. Lapham.

Informal Communications.

Mr. George W. Stone. Exhibited some
specimens of a "bull's eye limestone"
from Chambersburg, Penn.

Discussed. Messrs. Fuller & Diller

Mr. J. S. Diller. Exhibited some
photographs of some peculiar
mounds near the Dal's Oregon,
which were taken by Dr. V. H. Chestnut.

Regular Program.

Mr. M. L. Fuller. The Catskill Rocks
in Northern Pennsylvania.

Mr. T. H. Means. Some Results of the
Soil Survey. Bureau of Soils.
Discussed by Messrs. Stone & Brooks.

H. C. Schrader. The Geological Section
of the Rocky Mountains in
Northern Alaska. with lantern
illustrations.

At 10¹⁰ P.M. The Society adjourned
Repeal H. Brooks.
Secretary.

The one hundred and twenty eighth
Meeting. April 9th 1902.
In the Assembly Hall of the Cosmos Club.
President Diller in the chair
36 persons present.

The minutes of the one hundred
and twenty seventh meeting
were read and approved.

Informal Communications

Mr. George W. Stone. Exhibited some
specimens of beryllia of cave origin
and of mud cracks.

They were discussed by Messrs
Diller, Botsford & Merrill.

Mr. G. H. Gilbert exhibited some
photographs showing rippled sand
surfaces in the desert and
discussed the origin of this feature.

Regular Program

Mr. S. H. Griggs. "Clarence King's
views on Catastrophism
and Uniformitarianism."
Discussed by Dr. George F. Becker
who added some notes on
Clarence King's attitude toward
geo-physical research.

Mr. F. L. Ransome. "Faulting and
Mountain Structure in
Central Arizona."
Discussed by Messrs. Gilbert
Griggs and Irving.

At 10. P. M. the society
adjourned.
Alfred H. Brooks
Secretary.

One hundred and twenty-ninth Meeting.

April 23, 1902.

In the Assembly Hall of the Cosmos Club,
President Diller in the Chair; 33 persons present.

The minutes of the One hundred and twenty-eighth meeting were read and approved.

The Chair announced the following rules on communications as adopted by the Council:

I. No communication presented at a regular meeting shall exceed 20 minutes in length, except by special action of the Council.

II. Speakers shall be notified by the presiding officer of the expiration of their time, after which notification, opportunity will be given only to conclude a statement or to summarize the communication.

III. Use of lantern illustrations will be restricted to not more than three of the regular meetings in the year, and titles proposed for these meetings will be submitted to the Council for selection.

Informal Communications.

Mr. David White exhibited some specimens of fossil plants, illustrating processes of rapid local sedimentation in the Catskill and Missourian formations.

Regular Program.

Mr. Arthur Keith - Folded Faults of the Southern Appalachians,
Discussed by Messrs. Stose, Hayes and Diller.

Mr. J. S. Miller - The Copper Region of Northern California,
Discussed by Messrs. Hayes, Boutwell, Rankine and Brooke.

Mr. Charles Butte - Recent Structural Work in Western Pennsylvania,
Discussed by Mr. Campbell.

Continued.

Mr. N. H. Darton - Stratigraphy of the
 Big Horn Mountains
 Discussed by Messrs. Richardson and
 Hayes.

At 10 P.M. the Society adjourned.

Alfred Brooks
 Secretary

Special Meeting. May 7th 1902

In the Assembly Hall of the Cosmos Club.
 President Miller in the chair. 34 persons present.

The minutes of the 124th Meeting
 were read and approved.

The chair announced the election of George C. Carter to corresponding
Journal Communication membership.

Dr. Geo. B. Adams presented a
 suggestion that per manganate
 of potash be substituted for
 whiskey, in the field outfit
 of the geologists. Discussed by Dr. Spencer.
Regular Program & Smith

A classification and nomenclature
 for igneous rocks by J. T. Idings
 L. V. Pierson, ^{U.S. Washington} and Whitman
 Cross. presented by Mr. Cross.

Discussed by Messrs. Matthews, Tuttle & Spencer

At 10¹⁰ P.M. the society adjourned

Alfred Brooks
 Secretary.

One Hundred and Thirty First Meeting. May 14, 1902.

In the Assembly Hall of the Cosmos Club.

President Diller in the chair.

About 56 persons present.

The minutes of the 130th meeting were read, & approved after correction of omission of the name H. S. Washington from the joint authorship of the paper presented by Mr. Cross.

The President announced that the Society would hold no further meetings until the Autumn. He also called attention to a Smithsonian bulletin on the poisonous snakes of North America.

There being no informal communications, the regular program was carried out as follows:

Papers by Members of the Maryland Geological Survey

- (1) W. B. Clark and A. Bibbins — The Potomac Group in Maryland. (Presented by Prof. Clark)
- (2) W. B. Clark and G. C. Martin — The Correlation of the Coal Measures of Maryland. (Presented by Prof. Clark)
Discussed by Messrs. Martin & Spencer.
- (3) H. F. Reid — Reconnaissance of Mt. Hood & Mt. Adams.
- (4) E. B. Matthews — Recent work in the Piedmont Area of Northern Maryland.
- (5) G. B. Shattuck — The Miocene Formations of Maryland.
The Pleistocene Problem in Maryland.

The papers were illustrated by lantern slides & so completely occupied the session that the discussion invited by their interest was much curtailed.

At 10:15 the Society adjourned.

F. L. Ransome

Secretary

128
11/12
One Hundred and Thirty-Second Meeting, Nov. 12, 1902

In the Assembly Hall of the Cosmos Club.

President Miller in the chair. Thirty-two persons present.

The Minutes of the 131st meeting were read and approved.

Informal Communications.

Mr. Geo. H. Eldridge presented some considerations on the unconsolidated conditions of some sandstones at depths. Discussed by Messrs. Hayes, Miller, Brooks and Richardson.

Regular Program

Waldemar Lindgren: Titanic Ore from Wyoming
Alfred H. Brooks: A Reconnaissance in the Mt. McKinley Region, Alaska.

Discussed by Messrs. Mendenhall and Gilbert.
At 10 P. M. the Society adjourned.

Alfred Brooks.
Secretary.

11/26
One Hundred and Thirty-Third Meeting, November 26, 1902.

In the Assembly Hall of the Cosmos Club,

President Miller in the chair. Thirty-eight persons present.

The minutes of the 132^d meeting were read and approved.

The President announced the election of the following candidates to active membership in the Society;

Messrs. Edwin C. Eckel; Frank C. Watkins; L. M. Prindle, W. C. Phalen.

The President announced that the annual meeting be changed from December 24, to December 17. He also announced that the books of the Treasurer would be closed on November 30. He also named Messrs. Willis, Collier and Adams as an Auditing Committee.

The President called the attention of the Society to the loss of two of its members, Major J. W. Powell, who died September 23, 1902, and Dr. Richard B. Rowe,

who died May 26, 1902,

Announcement was also made of the smoker which is to be given on December 30, 1902, by the Geological Society of Washington to the Fellows of the Geological Society of America.

Regular Program.

Mr. C. Willard Hayes: Some Facts and Theories on the Accumulation of Petroleum.

Mr. Bailey Willis: Mountain Growth of the Great Plains.

Mr. George C. Adams: Stratigraphic Relations of the Red Beds to the Carboniferous and Permian in Northern Texas.

Mr. J. S. Diller: Volcanic Dust from Guatemala.

Mr. Hayes' paper, discussed by Messrs. Commons, Willis, Stose, Diller, Walcott, Eldridge, Gilbert.

~~Mr. Willis' paper, no discussion.~~

Mr. Adams' paper, discussed by Walcott, Willis and Dutton.

~~Diller's paper, no discussion.~~

After the close of the Regular Program, Mr. C. W. Walcott made an informal announcement regarding the plans of the Carnegie Institute.

At 10 P. M. the Society adjourned.

Depart H. Brooks,
Secretary.

One Hundred and Thirty-Fourth Meeting. December 10-02

In the Assembly Hall of the Cosmos Club,
President Diller in the Chair, Twenty-five
persons present.

The Minutes of the 133^d meeting were read and approved.

Informal Communications.

Mr. Geo. C. Adams presented some comments on the paper read by Mr. Willis at the previous meeting, on the mountain growth of the Great Plains. Discussed by Mr. Willis.

Mr. Bailey Willis presented some notes on development of secondary gypsum layers in shale, and on peculiar erosion forms of gypsum due largely to solution.

This paper excited some very interesting discussion participated

in by Messrs. Fuller, Spencer, Hayes, Miller and Lindgren.

Regular Program.

Mr. W. C. Mendenhall. - A carboniferous section in the upper
Copper River Valley, Alaska.

Discussed by Messrs. Collier, Hayes, Schrader, Miller, and
Brooks.

Mr. J. B. Weeks. - Occurrence of Paleozoic Rocks in the south-
ern portion of the Great Basin Region.

Mr. M. L. Fuller. - The Hornhead outlet of the glacial
lakes of central New York.

At 10 P. M. the Society adjourned.

Alfred H. Brooks
Secretary.

One Hundred Thirty-Fifth (Tenth Annual) Meeting, Dec. 17, 1902.

In the Assembly Hall of the Cosmos Club.

President Miller in the Chair. Forty
persons present.

The minutes of the 134th Meeting were read and approved.

Regular Program.

Major C. E. Dutton, spoke informally of the Geologic
Work of the late Major J. W. Powell.

Mr. Bailey Willis, spoke of the work of the late
Richard B. Rowley.

At the conclusion of the addresses the Chair announced
a recess of ten minutes, after which the business of the an-
nual meeting should be transacted.

At 8.40 the Society was called to order by the
President. There were 33 members present.

The Minutes of the Ninth Annual Meeting were read
and approved.

The annual report of the Secretaries was presented, and,
on motion of Mr. Willis, accepted.

The Treasurer then submitted his annual report,
which was followed by the report of the Auditing
Committee, consisting of Messrs. Willis, Collier,

and Adams. On motion of Mr. Vaughan the report of the Auditing Committee was accepted, and the Treasurer's accounts thereby approved.

The Secretary then read the names of the active members who were qualified to vote for officers of the Society.

The Chair then announced Messrs. Spencer and White as tellers, and the Society proceeded to the election of President, which resulted in the choice of Dr. C. W. Williams. This was followed by the election of Messrs. Merrill and Lindgren as Vice Presidents.

The Chair then appointed Messrs. Fuller and Collins as additional tellers.

Mr. Geo. W. Stose was re-elected Treasurer and Messrs. Mendenhall and Brooks, Secretaries.

The ballot for members at large of the Council resulted in the election of Messrs. Smith, Stanton, Vaughan, White and Spencer.

Mr. G. K. Gilbert was nominated to represent the Society in the Washington Academy of Sciences.

The rough draft of the minutes was then read.

At 9.50 the Society adjourned.

Alfred H. Brewster
Secretary

189