

One Hundred + Eighth Meeting - January 9, 1901

In the Assembly Hall of the Cosmos Club.

President Diller in the chair

34 Persons present.

The minutes of the 106th meeting were read + approved.

The President announced that the Committee on Communications would be the same as last year, viz. Messrs. Hayes, Vaughan, + G. O. Smith.

The election was announced of the following new members:

Active -	Ernest Howe.	
Corresponding -	J. A. Boursteel.	} of Johns Hopkins University.
	B. L. Miller.	
	J. J. Rutledge.	

Informal Communications:

Mr. N. H. Darton exhibited some sand-calcite crystals from Pine Ridge Indian Reservation.

Discussed by Messrs Diller, Gilbert + Spencer.

Mr. M. R. Campbell, showed some etched quartz-pebbles from the Pottsville conglomerate at Rock City, N. Y.

Discussed by Messrs. Hayes, G. O. Smith + Gilbert.

Regular Program:

- (1) Mr. N. H. Darton - Comparison of the Geology of the Black Hills with that of the Front Ranges of the Rocky Mts.
Discussed by Messrs. Emmons + Cross.
- (2) Messrs. A. H. Brooks + A. J. Collier: Glacial Phenomena in the Seward Peninsula, Alaska.
Discussed by Messrs. Spurr, Hayes, G. O. Smith, Gilbert, + Mendenhall.
- (3) Mr. A. C. Spencer: The Physiography of the Copper River Basin, Alaska.
Discussed by Messrs. Brooks, Campbell, Gilbert, Hayes, Spurr + Diller.

At 10 P. M. the society adjourned

F. L. Ransome
Secretary

One Hundred + Ninth Meeting, January 23, 1901

In the Assembly Hall of the Cosmos Club.

President Diller in the chair

26 Persons present.

The Minutes of the 108th meeting were read & approved.
The election, to active membership, of John Mason Boutwell, was announced.

Informal Communications:

Mr. Waldemar Lindgren exhibited a small portable transit which he had found useful in geological work.

Mr. David White spoke against the use of the word "formation" as a scientific term for an assemblage of plants, the occasion of his criticism being a recent bulletin of the Agricultural Department.

Regular Program:

Mr. F. Wayland Vaughan: The geologic age of Shell Bluff, Ia., one of Lyell's original localities.

Discussed by Messrs. Diller & White.

Mr. Waldemar Lindgren: Trias in Northeastern Oregon.

Discussed by Messrs. Diller, Richardson, Willis, Smith & Neal.

Mr. J. A. Taff: Comparison of the Ouachita and Arbuckle Mountain Sections, Indian Territory.

Discussed by Messrs. Eldridge, Adams, Will & Hayes.

At 10 P. M. the society adjourned

F. Leslie Ransome

Secretary.

One Hundred + Tenth Meeting, February 13, 1901.

In the Assembly Hall of the Cosmos Club.

President Diller in the chair.

about 28 persons present.

The minutes of the 109th Meeting were read & approved.

Regular Program:

(1) Mr. David White - Age of the Coals at Tipton, Blair Pa.

(2) Mr. R. H. Chapman - Production of the B. & M. Plant at Great Falls, Montana.

Discussed by Mr. Emmons.

(3) Mr. S. F. Emmons - Notes on Two Desert Mines in Southern Nevada & Utah.

Discussed by Messrs. Lindgren + Spurr.

(4) Mr. Geo. H. Eldridge - The Asphalt and Bituminous Rock Deposits of the United States.

At 10²⁰ P.M. the society adjourned.

F. L. Ransome

Secretary.

One Hundred and Eleventh Meeting, February 27, 1901

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

About 50 persons present.

The Minutes of the 110th Meeting were read and approved.

Owing to the length of the papers announced, informal communications were dispensed with, and the following

Regular Program was presented:

(1) Mr. Bailey Willis - A Memorial of Thomas Benton Brooks.

(2) Mr. G. K. Gilbert - The ~~and~~ Morphology of ~~the~~ ~~Coast~~ of Southern Alaska. Discussed by Messrs. Diller, Spencer, Willis.

(3) Mr. Robert T. Hill - The Mountain-Structures of the Trans Pecos Region, Texas.

The last two papers were illustrated by lantern views.

At 10:20 P.M. the society adjourned.

F. L. Ransome

Secretary.

One Hundred and Twelfth Meeting, March 13, 1901

In the Assembly Hall of the Cosmos Club.

President Diller in the chair.

About 40 persons present.

The minutes of the 111th meeting were read & approved.

Mr. Charles D. Walcott announced the death of Dr. Geo. M. Dawson, late Director of the Geological of Canada, and moved that some communication be sent to the colleagues of Dr. Dawson, expressing the sympathy of the society in their loss. The motion was carried.

Informal Communications.

Mr. Geo. P. Merrill exhibited a stony meteorite which fell in Perry Co., Ala., last May.

Mr. David White exhibited two specimens of coal showing abundant fragments of mineral charcoal embedded in a structureless coaly matrix; & pointed out the bearing of such an occurrence on the probable

origin of some coals.

Mr. J. S. Diller exhibited a specimen of limonite showing pseudo-organic form, from a cave in Oregon.

Regular Program:

Mr. C. W. Dorsey - The Soil Survey of Cecil County, Md.
Discussed by Messrs. Merrill, Walcott, & Willis.

Discussion of Geological Units: by Messrs. Bailey Willis, H. S. Williams and others.

This discussion, introduced by the two gentlemen named, was participated in by Major J. W. Powell & Mr. Whitman Cross.

At 10 P. M. the Society adjourned.

F. L. Ransome

Secretary.

One Hundred and Thirteenth Meeting, March 27, 1901.

In the Assembly Hall of the Cosmos Club.

President Diller in the chair.

About 44 persons present.

The Minutes of the 112th meeting were read & approved.

A communication was read from Dr. Robert Bell, acting director of the Geological Survey of Canada, acknowledging the receipt of a message of condolence sent by the Society on the death of Dr. Geo. M. Dawson.

The election was announced of Mr. Robert T. Hill to active membership.

The presentation of informal communications was then dispensed with, & the Regular Program of the evening taken up:

Conclusion of the discussion on geologic units - by Messrs. H. S. Williams, C. R. Van Hise, F. C. Chamberlin, & others. Prof. Chamberlin was followed by Prof. Clark, State Palaeontologist of N. Y. & by Mr. Bailey Willis.

At 10:30 the society adjourned.

F. L. Ransome

Secretary.

One Hundred and Fourteenth Meeting, April 3, 1901.

In the Assembly Hall of the Cosmos Club.

President Diller in the chair.

About 26 persons present.

The Minutes of the 113th meeting were read and approved.

Regular Program:

Mr. J. S. Diller - The Price of Lone Ranch, Curry Co Oregon.

Prof. C. R. Van Hise - The Problem of the Archaeon.

Discussed by Messrs. Emmons, Willis, Matthews, G. O. Smith, Brooks, Cross, + Ransome.

At 10 P. M. the Society adjourned.

F. L. Ransome

Secretary.

One Hundred and Fifteenth Meeting, April 10, 1901.

In the Assembly Hall of the Cosmos Club.

President Diller in the chair.

About 35 persons present.

The Minutes of the 114th meeting were read & approved.

The election was announced of Prof. H. S. Williams of New Haven to Corresponding Membership.

Informal Communications.

Mr. Geo. B. Richardson exhibited a specimen of sandstone in which cross-bedding was marked by the distribution of iron oxide.

Discussed by Messrs Diller & Fuller.

Regular Program.

Miss V. Bascom - The Philadelphia Guisneses

Discussed by Messrs Keith & Brooks.

Mr. Myron L. Fuller. Possible Pre-Wisconsin Tills of Massachusetts.

Mr. George H. Girty. The Waverly Group in Northeastern Ohio.

Discussed by Messrs. Mr. David White.

at 9:30 P. M. the Society adjourned.

F. L. Ransome

Secretary.

One Hundred and Sixteenth Meeting, April 24, 1901.

In the Assembly Hall of the Cosmos Club.

President Miller in the chair.

about 23 persons present.

The Minutes of the 115th meeting were read & approved.

Informal Communications

Mr. Waldemar Lindgren noted the occurrence of cinnabar, stibnite, sheelite, hessite, sylvanite & roscelite with free gold in Eastern Oregon, & pointed out the frequent association of these minerals with rich gold-quartz veins in other parts of the world.

Discussed by Mr. W. H. Weed.

Mr. W. H. Weed described the artificial formation of chalcopyrite as a furnace product.

Regular Program.

Mr. S. P. Merrill - On the supposed meteoric nature of Moldavite.

Discussed by Messrs. Weed, Emmons, & Lindgren.

Mr. A. C. Peale (introduced by Mr. Merrill) - Preliminary sketch for a geological section across the United States.

Discussed by Messrs. Keith, Emmons, Lindgren, Stose & Darton:

The hour of adjournment not having arrived, Mr. S. K. Silbert described some Shore Features on an island in Disenchantment Bay, Alaska. These were wave-cut terraces produced by waves generated by falling ice-bergs.

At 7:30 P. M. the society adjourned.

F. L. Ransome
Secretary.

One Hundred and Seventeenth Meeting, May 8, 1901.

In the Assembly Hall of The Casino Club.

President Diller in the Chair.

38 persons present.

The minutes of the 116th meeting were read and approved.

The President announced the decision of the Council to hold the next meeting in the autumn.

There being no informal communications the Society proceeded to the consideration of the Maryland Geological Survey and its cooperative aspects.

The subject was introduced by State Geologist W. B. Clark, who described the systems of colonial and other early geological explorations in the state, and then outlined the scope and progress of the present State Survey.

Mr. H. F. Reid then described the methods and work of the Highway division of the Survey.

The general forest conditions of Maryland and the cooperation of the ^{Federal} Government in the forestry of the state were described by Mr. Gifford Pinchot.

The arrangements for cooperation with the Division of Soils in the Department of Agriculture were presented by Mr. Milton Whitney, who reported most satisfactory progress ⁱⁿ the work, several counties being already mapped.

Mr. L. A. Bauer, of the U. S. C. & G. Survey, described the magnetic and civil engineering work carried on by his Bureau in cooperation with the State Survey. The very interesting and important results obtained from an unusually large number of stations, were illustrated by maps. The establishment of meridians at the county seats was especially valuable in a state the primitiveness and antiquity of whose original surveys had permitted much litigation regarding boundaries.

Mr. H. A. Pressy explained the nature and methods of the hydrographic ^{investigations} carried on by the cooperation of the division of Hydrography of the U. S. Geological Survey.

Mr. Baily Willis, speaking of the work in Geology, referred to the terms of cooperation, chiefly in topography, by the latter Bureau and called attention to the highly diversified, extensive and very valuable results already accomplished by the State Geologist and his corps of assistants.

At 10:05 p.m. the Society adjourned.

David White.

Secretary

One Hundred eighteenth Meeting, November 13, 1901.

In the Assembly Hall of the Cosmos Club.

President Diller in the Chair.

27 Persons present.

The minutes of the 117th meeting were read and approved.

Informal Communications

Mr. Diller exhibited a notebook dredged near the shore of Crater Lake in 1901, and called attention to the fact that among the contents of the book, consisting of water gauge records made by the Mazamas in 1894, that portion written by lead pencil was ^{still} quite legible, while the records in ink were not nearly so well preserved after the long soaking in the water of the lake.

The Communication was discussed by Mr. Brooks.

Mr. Diller exhibited a specimen of schistose pyritous copper ore from the Iron Mountain mine, Shasta Co., Calif., and pointed out the problem as to whether the schistose structure was developed in the ore itself, or whether the ore was patterned after the rock in which it is found.

Regular program.

Mr. H. N. Stokes - Pyrite and Marcasite.

Discussed by Mr. Diller and Mr. Hoyer.

Mr. Robert T. Hill - The Geographic features of Mexico.

Discussed by Mr. Willis.

Mr. Bailey Willis - Occurrence of Petroleum in the Northern Rockies.

Discussed by Mr. Brooks, Mr. Diller, Mr. Hoyer and Mr. Hill.

At 10:00 p.m. the Society adjourned.

David White
Secretary.

One Hundred Nineteenth Meeting, November 27, 1901.

In the Assembly Hall of the Cosmos Club.

President Diller in the Chair.

35 Persons present.

The minutes of the 118th meeting were read and approved.

The President announced the election of Mr. E. O. Ulrich and Mr. Cary C. Brayton to Active membership, and Miss Frances Lyden Hopkins to Corresponding membership in the Society.

Informal communications.

Mr. Willis exhibited ^{a series of} photographs of snow crystals prepared by Mr. Bentley, and gave a summary of the author's observations on the phenomena of their formation.

Regular program.

1. C. W. Hayes. The Physiography of Cuba.
2. T. Wayland Vaughan. The General Geology and Geologic History of Cuba.

These papers were discussed by Messrs. Hill, Diller, Hayes and Vaughan.

At 10.00 o'clock the Society adjourned.
David White,
Secretary.

One Hundred Twentieth meeting - ~~Coenmas Club~~, Dec. 11, 1901.

In the Assembly Hall, of the Coenmas Club.

Vice President Merrill in the chair.

56 Persons present.

The minutes of the 119th meeting were read and approved.

The Chair announced the election of Messrs. Charles Butts and Lester Hood Woolsey, of the U. S. Geological Survey to active membership in the Society.

As a Committee to audit the accounts of the Treasurer the President appointed Messrs. Vaughan, Mendenhall and Stose.

In accordance with the decision of the Council the ^{presentation of} informal communications was waived for the evening.

In place thereof Mr. Walcott made an announcement respecting

Mr. Carnegie's reported foundation of a national university. Mr. Walcott explained that the object of Mr. Carnegie's magnificent gift was not to found a university in the ^{ordinary} sense of the term; but to establish a national school of research with opportunities for original investigation and ^{study} lifelong research, the institution to be in the control of a Board, rather than under governmental control.

Regular program.

1. G. K. Gilbert. Petrographic and Geologic Notes from Western Utah.

2. Bailey Willis. Geologic Notes on the Northern Rocky Mountains.

Both papers were illustrated by lantern slides.

On the conclusion of the papers, the hour for adjournment having arrived, the Society adjourned without discussion of either paper.

David White.

Secretary.

One Hundred Twenty-first (Ninth Annual) Meeting - December 18, 1901.

In the Assembly Hall of the Cosmos Club,
Vice President Merrill in the chair.

51 persons present.

The minutes of the 120th meeting were read and approved.
The presiding officer introduced Mr. Diller who delivered the
Annual Presidential address, entitled:-

The Wreck of Mt. Mazama.

The address was illustrated by a series of lantern slides.

At the conclusion of the illustrations the Chair announced
a recess of 10 minutes, after which the business of the
Annual meeting should be transacted.

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At 9:40 the Society was called to order by the President.

There were 25 members present.

The minutes of the 8th annual meeting were read.

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

The report of the Treasurer was submitted and followed
by that of the Auditing Committee. On motion of Mr. Brooks
the Treasurer's report was accepted.

In accordance with the standing rules the Secretary
then read a list of the active members entitled to par-
ticipate in the election of officers.

The Society next proceeded to ballot for president,
Messrs. Brooks and Store being appointed as tellers.

The ballot resulted in the election of Mr. J. S. Diller.

The ballot for Vice-Presidents resulted in the re-election of
Messrs. C. W. Hayes and George P. Merrill.

Messrs. G. A. Smith and W. C. Mendenhall were appointed to
canvass the ballots for Treasurer and Secretaries.

Mr. G. W. Store was elected Treasurer and Messrs. F. L. Ran-
some and Alfred H. Brooks Secretaries.

Votes of thanks were extended to Messrs. Campbell and
White, retiring Treasurer and Secretary of the Council respectively.

Messrs. Stokes and Vaughan being appointed tellers, the Society pro-
ceeded to vote for Members at large of the Council. The balloting resulted in
the election of Messrs. G. O. Smith, T. W. Stanton, W. Lindgren, T. Wayland Vaughan
and W. C. Mendenhall.

Mr. G. K. Gilbert was nominated by ballot as Vice-President for this
Society in the Washington Academy of Sciences.

The rough draft of the minutes of the meeting were read.

At 10:20 the Society adjourned.

David White, Secretary

Announcement
was made of the
election of Messrs.
J. D. Martin,
E. O. Figgins,
J. E. Lapham,
C. A. D. Gunglitz,
and R. S. Basler
to Acting mem-
bership; and
of C. H. Moore
to Correspond-
ing membership for
the Society.