

One Hundred and forty-ninth meeting January 13, 1914.

In the Assembly Hall of Cosmos Club.

36 persons present.

The minutes of the 148th Meeting were read and approved. The Chair announced the election of A. R. Beach to active membership and the appointment of a Committee on Communications for the coming year, consisting of M. R. Campbell, Chairman; T. Hayward and Tang Lan, and M. L. Fuller.

Mr. G. H. Gilbert then presented some notes on "Porphyritic Granite in the Sierra Nevada," as an informal communication. This was discussed by Messrs. Emmons and Hayes.

Regular Program.

Mr. H. T. Reif. "The Works of the Strasburg Geomorphological Congress;" discussed by Messrs. Hayes, Bauer, Stone, Campbell, and Gilbert.

Mr. M. L. Fuller. "Experiment on Pollution of Deep Wells, in Georgia." Discussed by Messrs. Gilbert, Hayes, Richardson, Campbell, Hess, Tang Lan, and Brooks.

Mr. Arthur J. Collier. "Tin Area of York Region, Alaska." Discussed by Messrs. Hayes and Brooks.

At 10 P.M. the Society adjourned.

Arthur J. Brooks
Secretary

ONE HUNDRED AND FIFTIETH MEETING.

January 27, 1904.

IN THE ASSEMBLY HALL OF COSMOS CLUB.

Society called to order at 8 P. M., by President Hayes.

The minutes of the 149th Meeting were read and approved.

Jan. 1 '30 plus present 1904.

The President announced the election to active membership by Messrs. George H. Ashley, M. J. Munn, and J. W. Spencer.

INFORMAL COMMUNICATIONS:

Mr. J. S. Diller presented some notes on "New Ornamental Stone," called "Californite," which is a massive variety of Vesuvianite, resembling serpentine. Discussed by Mr. Eldridge.

Mr. Arthur C. Spencer described some "Recent High Gravel Terraces in Southeastern Alaska," in which he found marine fossils.

Mr. C. W. Hayes exhibited some "Elongated Pebbles from a Conglomerate in Ellijah Region of Georgia." Discussed by Messrs. Campbell and Stose.

REGULAR PROGRAM.

Mr. William H. Dall. "Miocene of Maryland and its Relation to other Miocene Deposits." Discussed by Messrs. Clark, Campbell, Twitchell, and Vaughan.

Mr. Ralph Arnold. "The Faunal Relations of the Cattizo Creek Beds of California."

Mr. T. Wayland Vaughan. "A Californian Tertiary Coral Reef and its bearing on the Recent Coral Faunas of America."

The above two papers were discussed by Messrs. Dall, Campbell, Hayes, Arnold, and Vaughan.

At 10 P. M. the Society adjourned.

George W. Stose
Acting Secretary.

ONE HUNDRED AND FIFTY-FIRST MEETING.

February 10, 1904.

In the Assembly Hall, Cosmos Club.

Mr. Campbell in the Chair. 52 persons present. The minutes of the 150th Meeting were read and approved. The Chair announced the election of Mr. W. T. Schaller to active membership.

INFORMAL COMMUNICATIONS:

Mr. Robert H. Chapman presented some notes on and photographs of a "Peculiar Structure in Paleozoic Limestones in Northern Montana." Discussed by Mr. Eldridge.

Mr. Cleveland Abbé, Jr., then presented some photographs of pitted pebbles from a locality near Nice, France. Discussed by Mr. Stose.

REGULAR PROGRAM:

Mr. Alfred H. Brooks--"Model of Alaska." Discussed by Mr. Chapman.

Mr. George B. Shattuck--"Recent Elevations and Depressions in the Bahama Islands." Illustrated by lantern slides. Discussed by Dr. J. C. Spencer and Dr. Wm. H. Dall.

Mr. G. K. Gilbert--"Domes and Dome Structures in the Sierra Nevada." Illustrated by lantern slides. Discussed by Messrs. Fuller, Hayes, Stone, J. W. Spencer, Adams and Wright.

At 10 P. M. the Society adjourned.



Secretary.

ONE HUNDRED AND FIFTY-Second MEETING.

February 24, 1904.

In the Assembly Hall, Cosmos Club.

President Hayes in the chair. 43 persons present. Minutes of the 151st Meeting read and approved.

INFORMAL COMMUNICATIONS:

Mr. J. S. Diller presented some notes on fractured pebbles from a conglomerate at Houghes Peak, Plumes County, California; discussed by Messrs. Campbell and Hayes.

Mr. G. B. Richardson described some faulting in Pleistocene sands and clays near El Paso, Texas; discussed by Messrs. Hayes and Campbell.

Mr. Joseph A. Taff described some recent faulting near the Washeta Mountains; discussed by Messrs Hayes and Campbell.

REGULAR PROGRAM:

Mr. Arthur L. Day--The study of minerals in the laboratory; discussed by Messrs. J. W. Spencer, Cross, and Hayes.

Mr. George C. Martin--The oil fields of Alaska; discussed by Messrs. Campbell, Eldridge, Stanton, Hayes, and Brooks.

Alfred A. Brooks

Secretary.

ONE HUNDRED AND FIFTY-THIRD MEETING.

March 9, 1904.

Assembly Hall, Cosmos Club.

President Hayes in the Chair. 35 persons present. Minutes of the 152d meeting were read and approved.

INFORMAL COMMUNICATIONS:

Mr. L. F. Ransome described "A Peculiar Occurrence of a Hydro-Carbon in a Mineral Vein which cuts a Volcanic Breccia at Cripple Creek, Colo." The analysis showed this mineral to have the composition of bituminous coal. Discussed by Messrs. Taff, White and Hayes.

Mr. George H. Ashley presented some notes "On partially Submerged Tree Stumps on the Eastern Shore of Lake Erie." He pointed out the fact that these submerged stumps do not indicate a depression of the land area. Discussed by Messrs. White, Hayes, Diller, J. W. Spencer, Knowlton, Fuller, and Campbell.

REGULAR PROGRAM:

Mr. Lester H. Woolsey--"The Occurrence of Extra Morainic Pebbles in Western Pennsylvania." Discussed by Messrs Campbell, Clapp, Fuller and Hayes.

Mr. Frank H. Knowlton--"The Fossil Floras of the Yukon." Discussed by Messrs. Collier and Brooks.

Mr. Marius R. Campbell--"Glacial Erosion in Western New York." Discussed by Messrs. J. W. Spencer, Smith, Ashley, Fuller, and Hayes.

At 10 P. M. the Society adjourned.

Alfred A. Brooks
Secretary.

March 23, 1904.

Assembly Hall of Cosmos Club.

Mr. Ransome in the Chair. 67 persons present. The minutes of the 153d meeting were read and approved.

INFORMAL COMMUNICATIONS:

Mr. C. W. Wright exhibited some pyrite crystals, including grains of gold which had been obtained in the Juneau district, Alaska.

Mr. Marius R. Campbell proposed the term "strath" for certain flat-bottom valleys. Discussed by Messrs. Boutwell, Ransome, Spencer, Vaughan, and Brooks.

Mr. J. P. Iddings compared the results obtained by chemical and microscopic analysis of a fine-grained porphyritic rock.

REGULAR PROGRAM:

Dr. Arthur L. Day, "The Study of Minerals in the Laboratory." Discussed by Messrs. Becker, Cameron, Iddings, F. E. Wright, and Mathews.

Alfred A. Boutwell
Secretary.

ONE HUNDRED AND FIFTY-FIFTH MEETING.

April 13, 1904.

Assembly Hall of Cosmos Club.

President Hayes in the Chair. - Thirty persons present. The minutes of the 154th Meeting were read and approved.

INFORMAL COMMUNICATIONS:

None offered.

REGULAR PROGRAM:

Mr. J. S. Diller, "The Klamath Mountains, their composition and structure." Discussed by Mr. Richardson.

Mr. G. B. Richardson, "Stratigraphic sequence in Northern Trans-Pecos, Texas." Discussed by Messrs Spurr, Weeks and Hayes.

Mr. A. C. Veatch, "Some peculiar artesian conditions on Long Island, New York." Discussed by Messrs. Hayes and G. O. Smith.

At 9:30 the Society adjourned.

Alfred A. Boutwell
Secretary, pro tem.