

14. *Professor Douglas Archibald*.—On some preliminary experiments with Anemometers attached to kite-wires.
15. *Professor Douglas Archibald*.—The recent Sun-Glows and Halo in connexion with the eruption of Krakatoa.
16. *G. H. Henshaw*.—On the formation of "frasil" ice.
17. *H. S. Poole*.—Note on the internal temperature of the earth at Woolville, Nova Scotia.
18. *Dr. H. Muirhead*.—On the formation of mackerel-Sky.

Section B.—Chemical Science.

[AT THE CHEMICAL CLASS ROOM. MCGILL COLLEGE.]

1. *Professor W. Chandler Roberts*.—Report of the Committee on Spectrum Analysis.
2. *Harold B. Dixcn*.—Report of the Committee on Chemical Nomenclature.
3. *Dr. Perkin*.—On Coal Tar colouring Matters.
4. *W. Weldon*.—On the Manufacture of Soda and Chlorine.
5. *Professor J. Sterry Hunt*.—On the Chemistry of the Natural Silicates.
6. *Professor Dewar*.—On the Liquefaction of Oxygen and the Density of Liquid Hydrogen.
7. *Professors Goodwin and Marshall*.—On the Physical constants of Solutions.
8. *Dr. Stevenson Macadam*.—On the production of Permanent Gas from Paraffin Oils.
9. *Sir H. E. Roscoe*.—On the diamondiferous Deposits of South Africa and the Ash of the Diamond.
10. *F. Robinson*.—On a Redetermination of the Atomic Weight of Cerium.

Section C.—Geology

1. *Professor James Hall*.—On the Fossil Reticulate Sponges constituting the Family *Dictyospongidae*.