

*The late Dr. G. M. Dawson.* This report cannot conclude without a slight reference to the great loss which the geological section of the Club has sustained in the death of one who for three years was the President of the Club and the foremost Canadian geologist. In Dr. Dawson the Club and the members of the geological section had one who was ever ready to give them the benefit of his judgment, criticism and experience in the discussion of points of interest in the geological structure of our district. He never failed to encourage and stimulate our members to unravel and describe the geology of this interesting section.

The following list of fossil sponges from the geological formations about Ottawa has been taken from among my notes on the palæontology of this district taken during the past twenty years, and may not be uninteresting to local geologists.

#### QUATERNARY.

##### *Pleistocene System.*

Green's Creek formation (Marine fossiliferous clays, "Leda clay").

1. Craniella Logani, Dawson. Odell's brickyard, Ottawa East, Ont.

#### PALÆOZOIC.

##### *Ordovician System.*

###### Utica formation.

2. Stephanella sancta, Hinde. Porter's Island, Montreal Road, Albert Street, near Bank Street, Ottawa City, Ont.
3. Cyathophycus reticulatus, Walcott. Gloucester, Ont.
4. " nidiformis, nobis. MS. Somerset Street East, City.
5. " subsphericus, Walcott. " " "

###### Trenton formation.

6. Astylospongia parvula, Billings. Concession and Division Streets.
7. Brachiospongia digitata, Marsh. Foot of Parliament Hill.
8. Steliella crassa, Hinde. Division Street, Ottawa.
9. " Billingsii, Hinde. " " "
10. Palæospongia Trentonensis, var. Ottawaensis, n. var. Division Street, Ottawa.

###### Birdseye and Black River formation.

11. Stromatocerium rugosum, Hall. Hull and Ottawa quarries; also found at base of the Trenton formation.

###### Beekmantown or Calciferous formation.

12. Cryptozoon calciferum, Dawson. March, Ont.; on Ottawa, Arnprior & Parry Sound Railway.

H. M. AMI, *Leader.*

Ottawa, Jan. 14th, 1902.