

1028/66/8

Mar no - Apr 21 1870
vacation(?)

CUS47/66.7

MS not done? (Humboldt) box.

44
182

It does not appear that the medicine school was proving a great success. At least it was not until he migrated to Montreal that he began to take systematic and careful notes of his lectures.

His time was doubtless much spent with Binet who excited from the first an extraordinary fascination for the boy.

He was still making expeditions with Father Johnson and on Jan 1st acquired a large volume blank book in which to enter notes of his collection of ~~zoology~~ ~~in water~~ diatoms. "March, 20 '70" Went out to Humber Bay with Rev. W.A.J. and obtained gathering from Grenadier Pond and its outlet. "Mar. 23." Went out again and obtained another gathering from the same place. The Diatoms were all alive and moving freely. Many types of Ucellatoria were mingled with them and gave the gathering a rather greenish appearance. From the fund on the right hand side of the bridge the following Diatoms were obtained and there follows a list of twenty five varieties. Some of which are described and pictured. "April 21" Out at Weston. In a gathering from the G.S. Railway numbers of *Nitzschia amphioxys* and *Mendon cuneolare*??

5. put in order of date 1870

"Mar. 23 Humber Pond eight varieties. Grenadier Pond nineteen". "April 2 (He is evidently devoting to the microscope)" The endochrome ^(drawing of) in this specimen is rolled up into four balls the middle ones the largest. While watching it the two centre ones coalesced and spread themselves throughout the cell pressing the smaller ones against the apices. This was in *Navicula affines* and seen with "1/20"

(101 Navicula)

This description reads much like W.C.'s later description of forms now found specimens in Montreal, Montreal in Philadelphia and another deposited in Baltimore during the first year. This was about the end of his days with the microscope,

in the note books written