

May

I observed the immersion of V. Aquarii, but as daylight was rapidly advancing I feared that I would not see succession of it nor the immersion 3 minutes later of V. Aquarii, and so it turned out although the sky was clear, but the sun had already risen, so of the phenomenon I obtained only the first. I had all the instruments packed and I went to bed at 5-50 a.m.,

Saturday 5
June

There being quite a little excitement here at present in reference to the discovery of coal Mr. M. J. DeLoach drove me to the mines this afternoon. They are about 3 miles from Kauloos on Guerin's creek, & two claims are taken up, one by old Guerin & the other by Jastrow. The drive leads over ^(more picturesque hills) than useful. Lately the manager for Jastrow had run in a drift about 25 ft nearly in an East west direction. But I found first a thick layer of argillaceous sand or arenaceous clay soft enough to be very easily cut, then a layer of blue clay then layers of lignite interbedded with pipe clay, the layers varying from an inch to 18". The north side of the drift dipped east & the end (west end) north, that is the veins dipped NE. This drift cuts the veins whereas Guerin's, close by & running nearly at right angles to it, follows one vein only or nearly so. — I dispelled I think their idea of a "slide" having occurred & referred the tilting to an upheaval. Apparently by captivated eyes & opinion were appreciated, altho' I told them that circumstantially I saw little money in a coal mine there even should they strike a good seam, which they had not as yet. — Returning that was a fine snow capped peak up the North Thompson continually

May

in view; it not having a name I christened it
 Mr. Mcintosh.

Being my last evening in Kamloops Dr. Turner had
 ordered a dinner for a few of us at our hotel. - Un-
 fortunately Mr. Mcintosh could not come as his wife
 had invited some friends in to dinner that night.
 So the Dr. Mr. Barnes (capt. bank of B.C.) Dr. Mun-
 ro & I were alone. Numerous courses
 were served each with its appropriate wine
 - Champagne for finale or rather coffee
 with brandy. My health was denied the
 Dr. making a very flattering speech, to which
 I replied. - I packed my things & the three
 & Mr. McDonald accompanied me to the train
 & bid me adieu. - I was rather pleased with
 the way in which I was given a "send off"

Sunday 6
 fine

A more delightful morning could not have
 been wished by the most fastidious. - We
 were in the cañon of the Fraser. It was sim-
 ply grand, my only wish was to have Charlie
 with me. - I made the acquaintance of an old man
 the Rev. Dr. Mansfield of Boston, but after some con-
 versation I concluded that he was of little consequence,
 my first & principal reason was that he spoke English
 incorrectly. - At 1-30 PM. we were at Vancouver
 - the metropolitan city of 2 years & now of 8 or 9000 inhabitants.
 Here we took the boat for Victoria. Before departing
 I met E. Henson Esq. - On the boat met Mr.
 Bowman of the Geological Survey. -
 By 9 PM. I was at the Grand - Victoria. - Shortly
 afterwards Louis Rominger called on me & we
 chatted in my room till near midnight.

Monday 7
 fine

At 11 AM. J. Rominger & I took a boat & rowed to an island
 in the bay where we gathered a number of large star fishes - they
 look most beautiful in the water. Besides the more common