J. W. SPENCER, A.M., Ph.D., F.G.S.
Professor of Geology, DIRECTOR.

THE MUSEUM OF
The Missouri State University.

Columbia, Missouri, U. S. A., March 1st 1887

My Dear Sir.

I regretted not meeting you in London. I saw Mr Hood just after he saw you at the Museum, but I left for Liverpool the next day. My observations in Norway were very important. I am convinced that glaciers are not important Geological agents. I saw the ice blowing about loose stones held by friction only against the rocks. When barriers were before the glaciers, I saw the upper ice bending and flowing over the barrier. When impinging against a barrier in its advance, in place of plunging, the lateral thrust forced up the ice into anticlinals with fracture & faulting

We are in our usual biennial trouble over appropriations. Our Museum building is very very good but we have not got the cases yet.

If you have spare copies of your addresses before the B.A., and of your papers upon Egypt, I would be very glad to get copies. With well wishes for many alma maters

I am, My dear Sir,
Yours sincerely
J. W. Dawson.

Sir Wm Dawson F.R.S. &c.

The glaciers elsewhere were levelling the moraines over which they were advancing, by the drifting of the waters not by pushing. Even the loose stones on a water-washed moraine was sufficient to channel the ice passing over it. These and other observations were very interesting. I have the strongest wishes to return to that most beautiful land — which for me is much more beautiful & attractive than Switzerland. Next to Norway my trip to Naples was pleasanter. The ascent of Mt Etna, over the snows, was the most fatiguing work I have ever had. During the coming year I will have several papers out. I will send you that starfish before the end of the year, and some other fossils along with it. At Christmas I visited Charleston, after several days in Washington.

Spencer
Mch/87