tration of this part of his lecture, Mr. Hind produced a beautiful coral obtained in the Upper Similar formation in the neighborhood of Woodstock, where he said fossils of singular beauty existed in such innumerable multitudes that the Last geologist was at a loss which to take first. summer he brought home with him from that district two or three hundred weight of different varieties of corals. To the Upper Silurian group succeeds the Devonian, the only one remaining formation. The Montreal Mount to be spoken of as developed in Canada. During upheaved after the Trenton Limesto this period an immense number of rocks were detailed by the deposition of the Unca. State. posited, but in Canada there were few represen-tatives of them. This was a matter of very great importance, as the whole question of the presence of coal is dependent on the presence of certain rocks, belonging to the Devonian period. Unhappily, we find that, as developed in Canada, the Devonian rocks not only pass completely over the wastern portion of the country but extend into the United States several hundred miles.

And so with the rest, the microcontroller is the upheaval of the Alleghanes recent being the u Above the Devonian group comes the Lower and Lake Honon, and in fact the whole of the Carboniferous, that patieular species of rock which was deposited before the formation of coal to any considerable extent, the anthracite coal, however, having been deposited long before the a fault. We should discover veins of grants North America repose in the centre of the great original granite rock. These repose in the centre of the great original granite rock. geological trough formerly described. There was no question, however, that at one time coal ex- dykes is called a dislocation. Suppose that some tended to Canada, and that it was found not only portion of a mountain by some force from below in the valley of the St. Lawrence, but developed becomes slightly upheaved, it is clear than to an enormous extent towards the north. Neither | sinking down again to its original position the could there be any question that coal once existed parts may not exactly fit into each other, and the to a great extent in the Hudson's Bay Territory, consequence will be that there will be cavities but all this vast deposit of coal, not only so far as this country was conceined, but also to a great extent so far as the United States was conceined, but here with a substance in the form of a mineral or pure metal, on Lake Hurson. had been swept away by a vast system of denu- form of a mineral or pure metal, on Lake Hum dation by the action of water. As had been and Superior with copper for example, sometime proved in two distinct ways by Mr. Logan, the found perfectly pure. (Specimens of copper preceding all structure of the country was such that duced.) These dykes which are discovered to no hopes could now be entertained of the discovery such an immense extent on the shores of Late of coal in Canada. Returning to the three systems of tooks, with the notice of which he commenced ferent periods, but there was little question that his lecture, Mr. Hind said there was not the least almost all of them were anterior in their origin reason to suppose that the Laurentine mountains the formation of coal. Mr. Hind then referred were formed after the great sea of which he had, three remarkable rocks, which still bore evidence spoken existed, but every reason to suppose that that they constituted islands in the primitive strategy were formed before. This was known by lurian Sea, and concluded by showing from certain appearances in the centre of the great American appearances in the centre of the great American appearances. described reposed in perfect uniformity on the primitive granite of the Laurentine Mountains. Not so, however, with the Appalachian chain, or rendered it impossible that the Michigan coathe Alleghanies. These were found to penetrate field extended into Canada West. in a curious mode all the various groups of rocks to which he had called attention. Certain portions of the chain come through, uplift, pass over, and frequently overflow the Lower Silurian, Upper Silurian, Devenian, and Lower Carboniferous, so that several portions of the Kentucky coal-field vere raised several thousand feet in the air. Finding that the coal beds no longer preserved their horizontality but were pushed up, some on one side, some on another, geologists inferred that that chain of mountains must have been called into existence after the formation of the

six different mountain ages belonging to the continent. The oldest was the Laurentine. The next in order was that which gave its name tothe County of Two Mountains in the valley of the Ottawa-a peculiar mountain which must have been uplifted immediately after the depositioned the Poisdam Sandstone, through which it had broken, but the Trenton Limestone lay conformably upon it, showing the precise period of a formation. The Montreal Mountain again na upheaved after the Trenton Limestone, but before the Green Mountains, which are ascertained to have been raised after the deposition of the Lorraine Shales. And so with the rest, the most and the phenomenon which has given rise to the rican Geological trough, that an upheval had taken place extending towards Canada, which

SPRING.

For the Agriculturist.

"'Tis a month before the month of May. And the Spring comes slowly up this way."-Coleridge.

To the Canadian the month of April is not the med interesting; the weather is frequently unsettled, and the ground is not sufficiently dry to commence farming operations. The snow which had covered the field It had been ascertained that there were gradually disappears,—the frost which had held every