

by the Rev. O. Fisher, in your last Number. As that gentleman expresses the opinion that my views are based on work "in the library and museum," I may be permitted to state that for more than twenty years I have devoted much time and labour to the study of the section in question. During that period I have measured it down, bed by bed, at least a dozen times, and it may be some comfort to my critics to inform them that the results arrived at, on various occasions, differ almost as greatly as do theirs from one another, and from the earlier sections of Dr. Wright, the Geological Survey, etc. Indeed, as I have stated in my paper, my prolonged study of the section has impressed me with a profound distrust as to the constancy of particular bands in these variable estuarine deposits. It is true that in addition to working at the English sections, I have visited the deposits of equivalent age in France, Belgium, Germany and other countries, that I have examined very large collections made from these deposits, and placed in Continental museums, and that I have even gone so far as to carefully study the works of foreign geologists which bear upon the question. But I hope that Mr. Fisher is the only geologist who will regard such action as constituting a disqualification on my part. In conclusion I must express my regret that your correspondent has such a poor opinion of the natives of the Isle of Wight as to suggest that the amenities of controversy are not to be expected from them. My ancestors for many generations lived in the island, and though, owing to circumstances over which I had no control, I cannot claim the distinction of being a native myself, yet I feel almost as jealous of any slur being cast upon their good name, as if I had not been born, just across the Solent, in the adjoining island of Great Britain. JOHN JUDD.

LAURENTIAN ROCKS OF DONEGAL.

SIR,—Permit me to withdraw the last paragraph in page 132 of my letter which appeared in the GEOLOGICAL MAGAZINE for March, and to express regret for having allowed myself to pen it.

GEOLOGICAL SURVEY OF IRELAND,
14, HUME STREET, DUBLIN, 8th March, 1882.

EDWARD HULL.

RATE OF DENUDATION OF THE LAND BY RIVERS.

SIR,—In answer to your correspondent, "McJames," writing from India, in your March Number, I may remark that Prof. Hopkins only published one paper on the "Transport of Erratic Blocks," and if your correspondent had referred to that paper he would have seen my calculation was correct, see page 233, vol. viii. Cam. Phil. Trans. line 3. Mr. Hopkins writes: "Therefore the moving force of a current, estimated by the volume of weight, of the mass, of any proposed form, which it is just capable of moving, varies as the 6th power of the velocity." As 729 is the sixth power of three, my calculation in your journal of an increase of 729 times was therefore perfectly correct, although by a printer's or a clerical error, the fifth power of 3 was inserted instead of the sixth power of 3.