

*accidental*, deposit of *Gypsum*, on the Patuxent, in S. t. Mary's county. *Marl* of a good quality, has been found, though not to the extent, we have a right to expect that it does exist. But we must rely particularly upon a thorough and minute examination of the different soils found in the State, which will give a knowledge of their true character, from which consequently any system of improvement and cultivation adopted as regards them, will more likely be crowned with success. A full investigation of what may be termed the *agricultural chemistry* of Maryland will, I am convinced, shed a new light and bestow additional importance, upon the resources which the state already possesses of this nature.

An analysis of the *mineral waters* of the state may result in some important discovery, and some benefits not at present appreciable.

Finally, as the foundation to a future complete *Natural History* of Maryland, a mineralogical and geological survey of it, is not less important, than it is, conjointly with a topographical survey, to its *Statistical* and *Political History*.

In relation to the project of forming a *state cabinet*, nothing is more desirable than that it should be commenced as soon as possible, and that it should be located where it will be most conveniently accessible to all parts of the state. But I would respectfully suggest, that until the collection has increased to a certain extent to deserve a special and particular location, an appropriate place of deposit presents itself in the rooms of the Maryland Academy of Natural Sciences, in Baltimore. There the specimens as they would be sent in, might be critically examined by gentlemen, conversant with the subjects which they are intended to illustrate, and who, appreciating their value as mere objects of curiosity, would be more likely to give them a safe-keeping.

The period has just arrived when Maryland can calculate safely, the advantages which she will derive, by ordering without delay, a topographical and geological survey of her territory, facilitating the means of carrying on her great schemes of internal improvement; laying open to view, riches as yet concealed beneath her soil; and exposing in their true light her various agricultural resources. I would willingly pledge myself—co-operating with those qualified to perform such portions of the duties required as are necessarily foreign to my pursuits. Should provision