

limestones used for obtaining lime; those quarried to furnish building material, or marble for ornamental purposes; its marls—and, in fine, all its varied mineral productions, would be exhibited for inspection, so as to display, at one glance, all the resources of the State in these respects.

In both arrangements, each specimen should be accompanied by a descriptive label, indicating its prominent characters, as well as its economical and scientific relations. It is but reasonable to believe, that a cabinet distributed according to this two-fold arrangement, is calculated to afford a permanent illustration of the mineral riches of the State.

An additional resolution was moreover, passed by the last General Assembly, requiring of the Geologist to distribute the duplicates of the collection among the several academies and seminaries of education throughout the state. This resolution, owing solely to want of time, has not thus far been complied with, except for St. John's College. Deeply impressed, however, with the advantages to be derived from this requisition, it will receive the earliest possible attention. It suggests the necessity of making, in the mean while, suitable provision for the reception of the past and of future collections, with a view to their safe keeping; and the attention of your Excellency, as well as that of the members of your honorable Council, and of the General Assembly of Maryland, is accordingly respectfully solicited to the arrangement which has been effected of those objects already collected.

*Miscellaneous matter which has fallen within the duties of the State Geologist to investigate during the past year.*

In addition to the foregoing statement of the result of his specified labors—given in as concise a manner as the importance of the subjects would admit—the Undersigned has to report, that other matters affecting the interests of some sections of the State, not embraced within the immediate provisions of the Act passed at the last General Assembly, have been brought to his notice, which he conceived it his duty to investigate. An account of these investigations—necessarily desultory in their character—will be given under the present head.

In consequence of the great desire manifested to as-