

In Belgium and in Holland it is usually estimated that the liquid manures of the farm are fully effective for an equal number of acres to which its stable manure is applied; and there is no loss of the latter by bad management in either of those countries. It would be very pleasant to say the same of our own Maryland.

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## INDUSTRIAL RESOURCES OF MARYLAND.

### MINERAL SUBSTANCES.

#### CHAPTER V.

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##### COAL.

The importance of this fuel to Maryland and other Atlantic States may be estimated from the fact that about half of that portion of Alleghany county westward of Cumberland consists of coal fields or basins. This is number 19 in the table on page 23.

The most eastern of these may be called the Potomac coal basin, stretching from the head of the Potomac N. N. E. to a few miles north of Mason and Dixon's line, a distance of more than 50 miles. It lies between the Savage and Dan's Mountain, with a width of about five miles at Frostburg, which increases south-westward to eight or nine miles.

Each stratum composing this coal region has evidently been deposited of nearly an uniform thickness, and the whole subsequently upheaved by subterranean forces. Their present form is that of an oblong basin or trough. The line of the lowest level of the beds corresponds nearly with the axis of the valley, and they rise towards the adjacent mountain summits.

It is drained by Jennings and Braddock's Runs, George's Creek and the Potomac River, which cut deeply through the coal and other beds of the formation.

Having in former years made the most detailed surveys of large portions of this coal region for a company, which possesses a very large landed estate therein, I have the means