

intelligent readers to need any full description here. It differs in no respect in Maryland from the form it presents elsewhere. Long regular ridges, extending in nearly parallel lines, in the general direction of northeast to southwest, with interlaced valleys of great beauty and considerable fertility, are its most prominent characteristics. One of the finest valleys in this range is the one known in Pennsylvania as the "Cumberland valley," in Maryland as "the Hagerstown valley" and in Virginia as "the Shenandoah valley," and is a good illustration of all. It has a rolling surface and fertile soil resting upon "Trenton limestone," which is remarkable, as containing all the great caverns of the country. Beyond this valley is a belt from thirty to sixty miles wide of ridges of moderate height with their included valleys, and we reach the base of the Alleghanies. It is geologically certain that the rocks in this belt, now folded, fractured and abraded, were originally horizontal, and formed deposits continuous with the rocks of the great western coal fields. The beds of iron and bituminous coal, which form the most remarkable feature in the Maryland portion of this mountain chain, are too familiar to require extended general notice.

This district of the State is admirably adapted to the raising of stock, including sheep and horses in the term, and to manufactures. Excellent crops of wheat are harvested, and there is scarcely a square mile that is not in the highest degree salubrious. Nearly all the maple sugar which is manufactured in the State, and amounts to from sixty to a hundred thousand pounds a year, is raised in this section.

South Mountain, Antietam, Monocacy and other fields now invest this district with historic interest.

CARROLL COUNTY.

Carroll county, lying north of Howard, west of Baltimore, east of Frederick, and extending from the Patapsco river to the Pennsylvania line, in soil, surface and productions is not widely different from the adjoining counties.

The surface is hilly and rocky with fine streams, which are tributary to the Monocacy and Patapsco rivers. The water of the country is remarkably pure and good. Excellent mill sites are abundant, and are mostly found on the line of the Western Maryland railroad, which runs from Baltimore westward through the county, and which will connect Hagerstown with the sea-board when completed.

The grains cultivated are wheat, rye, corn and some potatoes, sorghum and buckwheat. The amount of grazing is