

and below it, and contain a mixed Clinton and Niagara fauna. The thickness of the Rockwood formation probably varies from 750 to 1000 feet in Maryland.

THE LEWISTOWN FORMATION (Niagara, Salina and Lower Helderberg).—The Lewistown formation, so named from its typical occurrence at Lewistown, Pennsylvania, is found in Maryland in the central portion of the Appalachian Region, occurring like the Rockwood formation in several belts confined to the eastern and western portions of this district, and occupying very nearly the same area as those above described for that formation. The deposits of the Lewistown formation consist chiefly of limestones with here and there interbedded shales. Three distinct divisions may be observed in the Lewistown formation which are well exposed to the east of Potomac Station in southern Allegany county, viz:

Upper limestone series	640 feet thick
Cement series	465
Lower limestone series	200
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Total	1305 feet

The upper and lower limestone series contain fossils, but they are apparently entirely lacking in the intervening cement series.

THE DEVONIAN PERIOD.

The deposits of Devonian age enter, together with the Silurian rocks, into the formation of the central division of the Appalachian Region, and together with the Carboniferous deposits into the formation of the Alleghany Plateau. They consist of sedimentary materials that have been but little altered since they were deposited, although in places subjected to considerable structural disturbances. Four divisions are recognized in the sequence of Devonian deposits, known as the Monterey, Romney, Jennings and Hampshire formations.

THE MONTEREY FORMATION (Oriskany sandstone).—The Monterey formation, so called from its typical occurrence at Monterey,