

but we cannot particularise the formations: in M. de Bonnard's description of the Harz limestones, we seem to behold the Silurian rocks: the Eifel limestone is exactly equivalent to the Wenlock formation: in Brittany Silurian fossils occur: the Christianian limestones certainly belong to this system. It is said by Mr. Strickland to occur about Smyrna with *asaphi*. Perhaps it is from these rocks that trilobites are obtained near the Cape of Good Hope, by Sir J. Herschel. In North America the borders of the great lakes (Huron, Superior, &c.) show limestones of the Silurian system.

*Physical Geography.*—Lying on the sloping sides of the slate systems of Wales, the principal masses of the Silurian rocks show but little boldness of feature, compared to these older rocks: frequently, as in the beautiful neighbourhood of Ludlow and Aymestry, and in the Vale of the Towy, they are richly covered with woods, as ancient, perhaps, as Caractacus. The Devonian portions of the Silurians do not, we believe, offer any very remarkable characters of scenery: the limestones about Torquay and Plymouth are romantically broken; the limestone country about Dudley is pleasingly varied.

*Igneous Rocks.*—These are abundantly exhibited in irruptive axes and points throughout the Silurian formations. Lilleshall Hill, the Wrekin, and other points about it, consist of compact felspar, ranging N. E. and S. W., and they convert sandstones into quartz rock. Caer Caradoc, the Lickey, Helmeath, &c. constitute a similar and parallel group of hills, in which greenstone, actynolitic, trap, &c. occur: similar changes happen to the sandstones which touch the trap: the argillaceous rocks are indurated and much altered. The Breiddin group of hills consists of porphyries, compact felspar, greenstone, &c.; and near these the strata of the Silurian system are indurated and fissured. The same range (N. E. to S. W.) is noticed in the trap rocks near Old Radnor, Builth, and Baxter's Bank, near Llandrindod. Hypersthene abounds in traps near Old Radnor, and great changes happen to the Ludlow and Wenlock rocks near