

DESCRIPTION OF PLATE X.

A Geological Map of England, reduced from Mr. Bakewell's, and slightly modified. It serves to illustrate the general distribution of the various groups of strata or formations over England: namely—

1. Tertiary.
2. Upper secondary.
3. Lower secondary.
4. Carboniferous system.
5. The transition, or silurian system.
6. The Cambrian and metamorphic, or primary rocks.
7. Alluvial deposits.

Section from Whitehaven to Durham, or from the Irish Sea, through Cumberland, to the North Sea; from Mr. Conybeare. It exhibits the succession of the formations from the Magnesian limestone to the Slate rocks; and the disruptions which have taken place in the strata of that part of England.

1. Magnesian limestone.
2. Coal and mountain limestone.
3. Slate.
4. Granite.
5. Broken coal and greenstone.
6. Mountain limestone.
7. Millstone grit.
8. Coal measures.
9. Magnesian limestone.

Plan of the stratification of England from north-west to north-east.

1. Primary, or unstratified metamorphic rocks.
2. Stratified metamorphic rocks, or transition series.
3. Secondary formations.
4. The tertiary.