

## CLASS II. — BEFORE THE DEPOSITION OF THE LIAS.

| Strata disturbed.  | In what Manner.                                    | Localities.  | Igneous Rocks in connection.   |
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| <i>a.</i> Affecting the carboniferous system generally, but not the magnesian limestone. | By great faults and anticlinal ridges.             | Abberford, in Yorkshire.<br>Quarrington, in Durham.<br>Manchester.<br>Somersetshire coalfields.<br>Caradoc and Wrekin.                                 | None.<br>Basaltic dyke from Teesdale.<br>?<br>Felspathic, epidotic, and greenstone trap.   |
| <i>b.</i> Affecting the magnesian limestone, or its equivalent.                          | By great faults.                                   | The Penine fault. (Vol. I. p. 182.)<br>The 90 fathom dyke. (Vol. I. p. 182.)<br>The Craven fault. (Vol. I. p. 182.)<br>In the Coalbrookdale coalfield. | Granitic porphyry. (Dufton Pike.)<br>None.<br>Red felspathic dyke.<br>?  |
| <i>c.</i> Affecting beds of the new red sandstone formation.                             | Fault or small anticlinal.<br><br>Great uplifting. | Acton Reynolds, Shropshire.<br><br>Island of Arran.<br><br>Arran.  | Dyke of greenstone from the Breiddyn Hills.<br>Dykes of porphyry, claystone, hornstone, pitchstone, basalt, greenstone, &c.<br>Granite of Goatfield, &c. |