

*Table of the Principal Disturbances of the Stratification of the British Islands, with the Igneous Rocks observed in connection therewith.*

CLASS I. — BEFORE THE DEPOSITION OF OLD RED SANDSTONE.

Strata disturbed.	In what Manner.	Localities.	Igneous Rocks in connection.
a. Affecting no strata later than clay slate of Skiddaw.	Long ranges of gneiss, mica schist, chlorite schist, clay slate, primary limestone, &c.	The Grampian mountains generally. The primary mountains of Donegal.	Granite, sometimes sienitic, as in Ben Cruachan, Strontian, &c. Serpentine at Portsoy, &c., porphyry and greenstone not unfrequent.
b. Affecting no strata newer than Upper Cambrian.	Anticlinal axes of clay slate, and grauwacke.	The Lammermuir mountains. The Cavan mountains. The Wicklow and Wexford mountains. Charnwood Forest. Isle of Man.	Sienitic granite, claystone, porphyry. Granite. Granite. Sienitic granite. Granite.
c. Affecting the silurian strata, but none above.	Anticlinal axes of Cambrian and silurian rocks.	Woolhope Valley, Herefordshire. Longmynd, near Shrewsbury.? Malvern Hills. Cumberland and Westmoreland generally. Snowdon range generally? Berwyn range generally. Brescelle Mountain.	None. Various traps. Sienitic granite. Granite of different kinds, porphyry, greenstone. Greenstone, porphyry. Felspathic trap.

Of doubtful class. — The granitic elevations of Dartmoor, and the whole Oerynian chain, the age of which cannot be stated till the age of the culmiferous beds of Devon is completely proved; abundance of greenstones and porphyries more ancient than the granite of Dartmoor are divided by it. (See De la Beche's Map.)