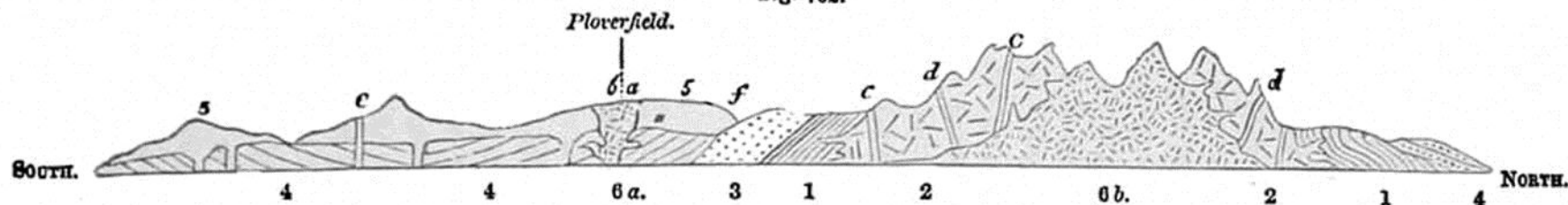


General section of Arran from north to south.

Fig. 702.



1. Metamorphic or Hypogene schists, the oldest formation in Arran.
2. Coarse-grained granite sending veins into the schists, No. 1.
3. Old Red Sandstone and Conglomerate containing pebbles exclusively derived from the rocks, No. 1, without any intermixture of granitic fragments.
4. Carboniferous strata and red sandstone (New Red?)
5. Trap, overlying and in dikes, *c*, *d*, *e*, passing occasionally into Syenites of the Plutonic class.
- 6*a*. Fine-grained granite, associated with the overlying trap, No. 5.
- 6*b*. Similar fine-grained granite, sending veins into the older granite, No. 2, and cutting off the trappean dikes, *c*, *d*.\*

\* In the above section I have attempted to represent the new discoveries made since 1839, by Mr. Necker and Mr. A. C. Ramsay, in regard to the plutonic formations, 6*a*, and 6*b*. (See p. 456.)