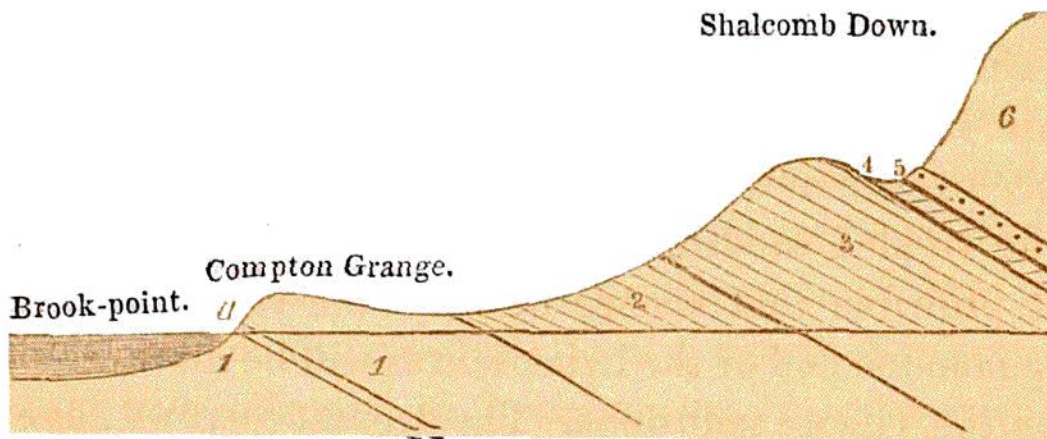


39. WEALDEN OF THE ISLE OF WIGHT.—Deposits partaking of the characters of those I have described, appear at the back of the Isle of Wight, and form the lowermost strata throughout the southern half of the island. Clay, identical with the weald clay, and containing Sussex marble, may be seen at Sandover bay, within a few hundred yards of the chalk, and extending into Red-cliff; and also at the junction, on the east of Fresh-water bay, where the clay abounds in the minute *shields*



TAB. 67.—SECTION FROM BROOK-POINT TO SHALCOMB DOWN,  
ISLE OF WIGHT.\*

1, 1, Hastings sand. *a*, Lignite and fossil trunks of trees. 2. Weald clay.  
3. Shanklin sand. 4. Galt. 5. Chalk marl. 6. Chalk.

of *cyprides*. At Brook-point, the cliffs, which are about thirty feet high, are formed of clay, with inferior beds of soft sandstone; they contain lignite, and vegetable remains strongly impregnated with pyrites. Trunks of trees, of a coaly blackness, are seen imbedded in the clay of the cliff, (Tab. 67, *a*,) and scattered on the shore. In many of the stems

\* Dr. Fitton. Geological Transactions, vol. iv. Pl. 10.