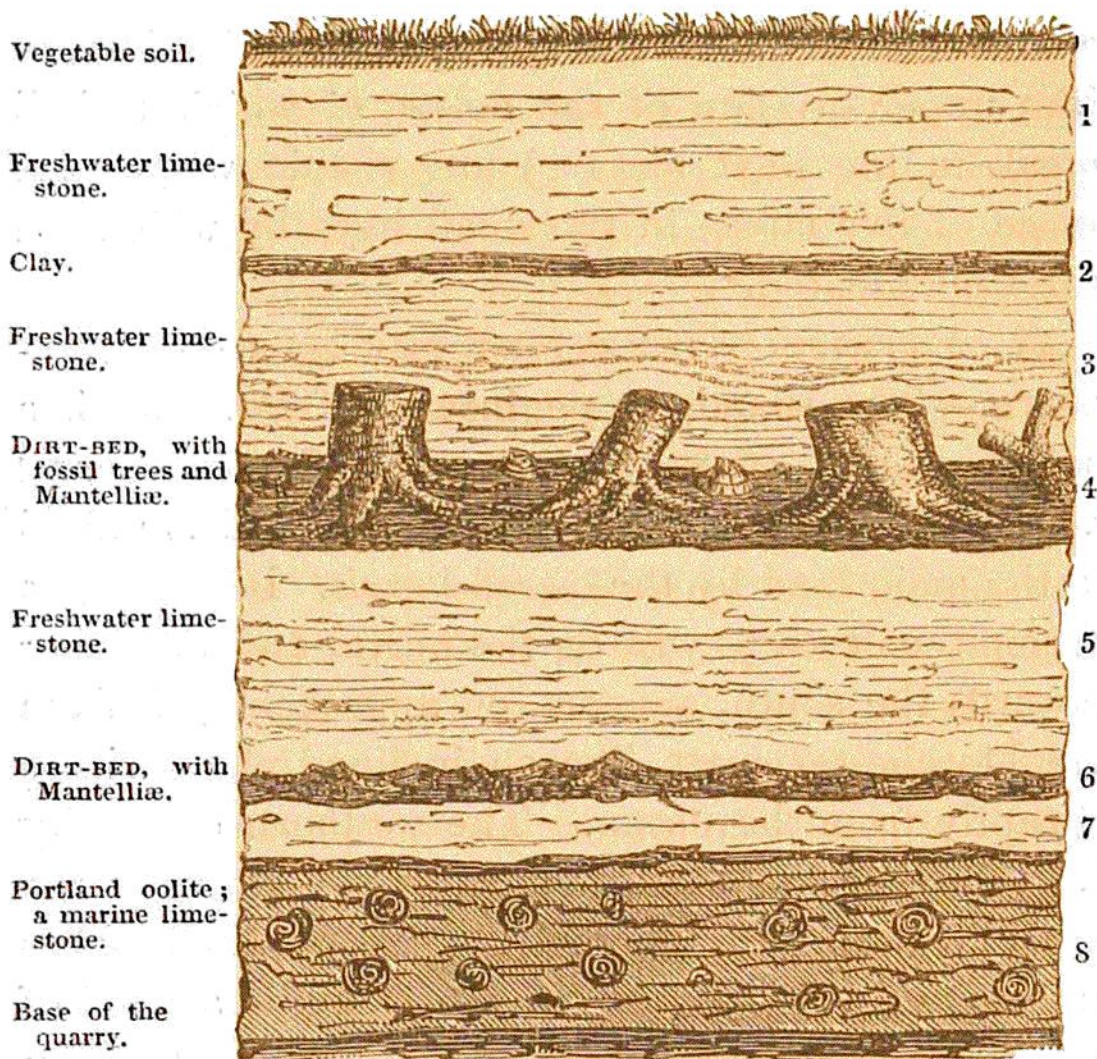


which are characterised by phenomena of the highest interest. Mr. Webster, in his admirable geological memoir on the Isle of Wight, first directed attention to these remarkable deposits. Upon



*Total thickness about thirty feet.*

TAB. 69.—SECTION OF A QUARRY IN THE ISLE OF PORTLAND.

(From Dr. Filton's *Memoir on the Strata below the Chalk.*)

the upper layer of marine limestone (Tab. 69, 8), which abounds in ammonites, trigoniæ, and other characteristic shells of the oolite, is a fresh-water limestone, covered by a layer of *bituminous earth*,