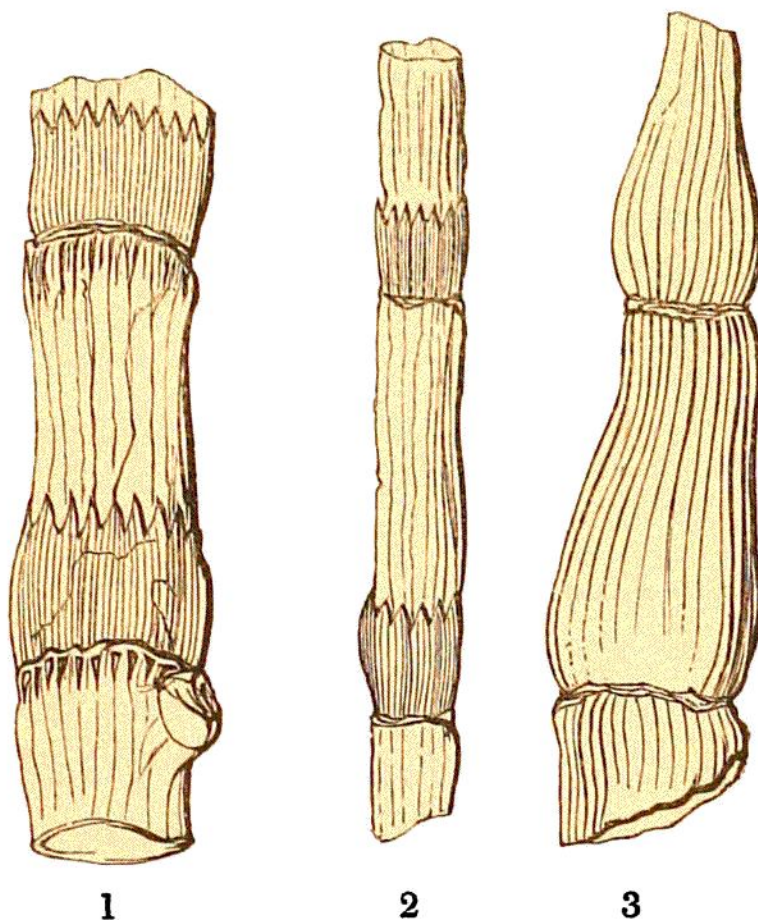


spar, and forms a beautiful object when viewed with the polarizing apparatus.

A gigantic species, (*Eq. columnare*) is common in the oolitic carbonaceous strata, near Whitby. (*Veg. Foss. Br. Pl. 13.*) In the sandstone of the inferior oolite of the Cleveland Hills, Yorkshire,



LIGN. 7. *EQUISETUM LYELLII*. (G. A. M.) Wealden. Pounceford.

Fig. 1.—A stem, having two sheaths, and a bud at the lowermost joint.

2.—Stem of a young plant, with sheaths, preserved in pyrites.

3.—Stem, with the cryptogamous head or termination.

numerous stems of this colossal marestail are found in an upright position, as if still occupying the spot