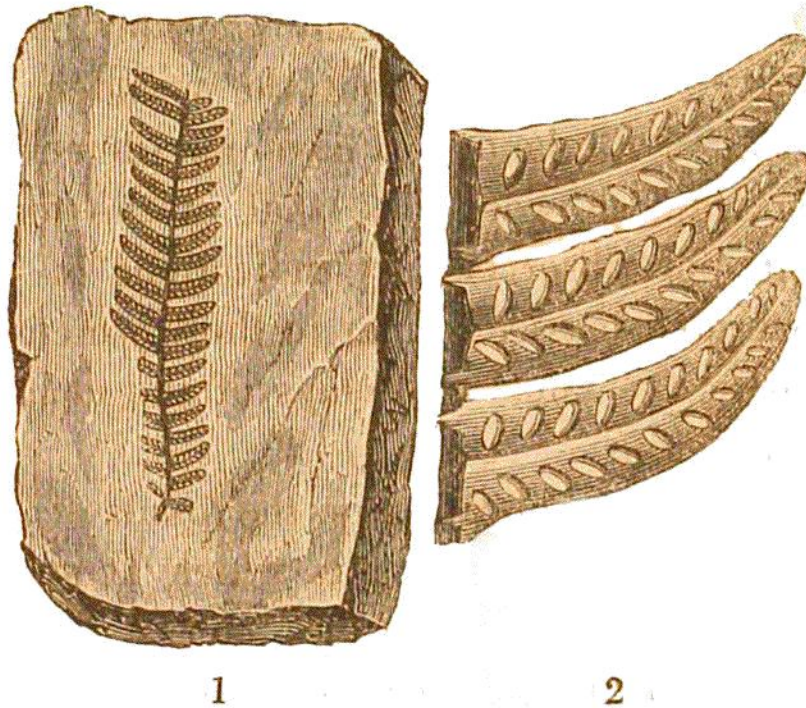


with these remains; but the two plants above named constitute by far the greatest proportion of the fossil vegetables of Tilgate Forest. My cabinet



TAB. 74.—PINNA OF A FERN IN FRUCTIFICATION; IN SANDSTONE; FROM TILGATE FOREST.

Fig. 1. Natural size. 2. Three leaflets magnified.

contains a remarkable specimen, in which the parts of fructification are beautifully preserved in a silicified state (Tab. 74). Leaves of *cycadeæ*, and seed-vessels of *restiaceæ*, occur in the ironstone of Heathfield in Sussex; they are supposed to be of the same species as specimens from Bornholm. Among the plants from Heathfield are impressions which bear a close resemblance to those of the foliage of the cypress; while others appear to be referable to fuci. The stalks of a species of mare's-tail