we shall at length perceive a small globule thrown off from the mass, and become attached to the sea-weed or the rocks: this is the germ of a new colony of this compound animal. As it increases in magnitude, the usual character of the flustra may be detected; and if the *fleshy* film be removed, a *spot of calcareous matter* is left attached. In the larger and free masses of flustra, the decomposition of the animal substance after death is very manifest. This specimen of *flustra foliacea*, which was dredged up twenty miles SS.W. of Brighton, in water eighteen fathoms deep, and for which I am indebted to my friend Robert Hannay, Esq., is a fine example of this brittle species; when first in my possession, it was highly offensive from the emanations evolved during the decomposition of the animal matter. It is now a calcareous skeleton, with here and there portions of the shrivelled integument, and of course without any traces of polypi in the cells.

Let us now refer to our previous investigations, and inquire if the flustra present the essential characters of animal existence. Its polype possesses a determinate form, and has a calcareous skeleton covered by a soft, fleshy substance, that can for a certain period resist chemical and mechanical agency. It is furnished with instruments capable of moving with great celerity, susceptible of external impressions, and expanding and contracting at will. Here then is evidence of sensation and of voluntary motion;