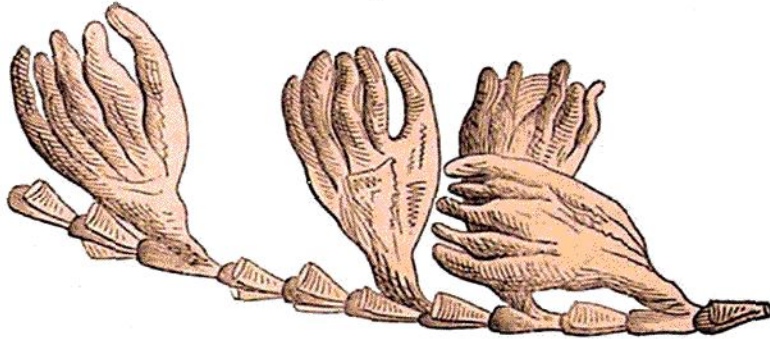


Polypidom from one to two inches in height, attached by a creeping tortuous tubular fibre, very slender and delicate, of a white or pale horn colour, pellucid, variously branched, the branches bifarious, alternate, patent, similar to the stem. Cells opposite, with a joint between each pair, rather long, tubular, the upper half suddenly divergent with an oblique entire aperture. Ellis compares the vesicles to a "Lily or Pomegranate flower just opening," but Pallas asserts that the comparisons, as well as the figures of them in Ellis's work, are *inaccurate*,—a criticism the truth of which Ellis denies in his subsequent volume on zoophytes. They appear in fact to vary somewhat according to their age, and also from the manner in which they have been dried. They are large and pear-shaped, subsessile, puckered at the top where they are crowned with several spines ;

Fig. 14.



and though scattered over the polypidom, they appear to be produced from one side only, and are often arranged in close rows along the branches.—Our figure is the exact portrait of a beautiful specimen in the collection of Dr Coldstream ; and I have a similar one from Mr Bean, but in general the species is very small and sparingly branched.

6. *S. PUMILA*, cells opposite, approximated, shortly tubular, the top everted with an oblique somewhat mucronated aperture ; vesicles ovate. Doody.*

PLATE IX. Fig. 3, 4.

* Doody, Samuel, an apothecary in London, contemporary with Ray, Petiver and Sloane, admitted F. R. S. in 1695. He was chosen superintendant and demonstrator of the garden at Chelsea, an office which he held for some years before his death, which took place in 1706. Petiver characterises him as an "indefatigable botanist," and "memorable naturalist." Jussieu speaks of him as "inter Pharmacopœos Londinenses sui temporis Coryphæus." Pulteney styles him, "the *Dillenius* of his time ;" and Brown has crowned his praise by bestowing his name on a genus of New Holland plants. "In memoriam dixi Samuelis Doody, Pharmacopœi Londinensis, qui primus fere in Anglia plantas cryptoga-