

pellucid, the stem nearly equal in diameter throughout, compressed upwards, finely wrinkled when dry, divided by joints not regularly equidistant, naked on the lower half, pinnated above and celliferous: pinnæ simple, patent, rather close-set, not exactly opposite nor yet properly alternate. Cells in a single series along each side, semialternate, ovato-tubular, short with a round plain aperture. Vesicles issuing from both sides of the pinnæ, most numerous from the upper, subpedicellate, elliptical, smooth, the orifice contracted and even.

Through the liberality of Mr Bean, I am enabled to give a figure—the most perfect one which has been yet published—of this rare species. Its synonymes are somewhat confused. Pallas affirms, correctly in my opinion, that the Sea-Spleenwort of Ellis is not the *Sertularia Lichenastrum* of Linnæus as generally asserted, and he has described a different species considered by him as identical with the Linnæan. The figure of Ellis is quoted by Pallas as an admirable representation of his own *S. articulata*, but in the description of this the branches or pinnæ are said to be opposite, whereas in Ellis's figure, and in our own, although less decidedly, they are regularly alternate. Ellis notices under his *S. Lonchitis* a foreign variety with opposite cells and pinnæ, having "the joints both on the stem and branches much closer together;" and it will probably be found that this constitutes a distinct species, hitherto confounded with others nearly allied.

8. ANTENNULARIA,* Lamarck.

CHARACTER. *Polypidom plant-like, horny, simple or branched irregularly, the shoots fistular, jointed, clothed with hair-like verticillate branchlets: cells small, sessile, campanulate, unilateral: vesicles scattered, unilateral—Polypes hydraform.*

1. A. ANTENNINA.—Mrs Ward. †

PLATE XVI.

Lobster's-horn coralline or Sea-beard, *Ellis*, *Corall.* 15, no. 14, pl. 9, fig. a, b, A. B. C. *Phil. Trans.* xlvi. 630, tab. 22, no. 3. *Phil. Trans.* abridg. x. 491, pl. 12, fig. 3, C.—*Sertularia antennina*, *Lin. Syst.* 1310. *Pall. Elench.* 146. *Ellis and Soland. Zooph.* 45. *Berk. Syn.* i. 217. *Turt. Gmel.* iv. 679. *Wern. Mem.* i. 564. *Turt. Brit. Faun.*

* From *Antennula*, diminutive of *antenna*, a term applied to the feelers of insects.

† "Found on the rocks by Mrs Ward, an ingenious gentlewoman of Gisburgh in Cleveland, Yorkshire, and by her named *Sea-beard*; I suppose from its growing in a thick tuft; Mr Lawson."—*Ray*.