

same texture as the polype, and glandular. It frequently gets enlarged into small papillary eminences, which, as they become enlarged, become developed into polypes." *R. Q. Couch.*

I have had the pleasure of naming this the only European Zoanthus after its discoverer, the son of Jonathan Couch, Esq., of Polperro, so well known to naturalists, especially for his ichthyological discoveries. The son has carried his researches into a different field, and it has been to him productive of many additions to our Fauna, which he has incorporated in a very excellent "Cornish Fauna."

IV. ACTININA.

Ehrenberg, *Corall. des roth. Meer.* p. 31.

FAMILY—ACTINIADÆ.

Genus ACTINIA, *Lin. Syst.* 1088. *Soland. Zooph.* 1.—Les ACTINIÆ, *Cuv. Reg. Anim.* iii. 291.—ACTINIADÆ, *J. E. Gray* in *Syn. Brit. Mus.* 134.

CHARACTER.—*Animal single, fleshy, elongate or conical, capable of extending or contracting itself, fixed by its base, but with the power of locomotion: mouth in the middle of the upper disc, very dilatable, surrounded by one or more rows of tentacula: oviparous and viviparous: marine.*

27. CAPNEA,* E. Forbes.

CHARACTER.—"*Body cylindric, invested in part by a lobed epidermis, and adhering by a broad base. Tentacula simple, very short, retractile, surrounding the mouth in concentric series.*" Forbes.

1. C. SANGUINEA, "*tentacula arranged in three series, sixteen in each: body and disc scarlet: epidermis brown.*" E. Forbes.

Capnea sanguinea, Forbes in *Ann. and Mag. Nat. Hist.* vii. 82, pl. 1, fig. 1, a, b, c, d. Reports publ. by Ray Soc. 379.

Hab. Deep water. Isle of Man, *E. Forbes.* On the valve of a *Pecten maximus*, four leagues west of Falmouth, *W. P. Cocks.*

"In August, 1840, I dredged on the east coast of the Isle of Man, about a mile from Douglas Head, a very remarkable and beautiful zoophyte, of the family *Actiniadæ*. It came from a depth of 18 fathoms, and the sea-bottom at the place where it was taken is chiefly *Millepora*. To a fragment of that coral it was adhering by

* From *καπνη*, a chimney.