

*Hab.* At the roots of Fuci about low-water mark. "In Sussexiæ littore supra Fucos siliquosum et lumbricalem frequentem hanc speciem observavi," *Pallas*. Leith shore, *Jameson*. "Found in Belfast Lough, and Dublin Bay, &c." *Templeton*.

"This extremely small climbing coralline arises from very minute tubes, by which it adheres to Fucus's, and other marine bodies; and is so disposed from its jointed shape, that it climbs up and runs over other corallines and Fucus's, as Dodder does over other plants." *Ellis*. The tufts thus formed resemble a flock of hair with clusters of nits scattered over it, and though the comparison is an ugly one, it is yet expressive. The filaments are capillary, smooth, pellucid, kneed and jointed at their dichotomies, immediately under which the cells are usually placed in a short row containing from four to eight or nine cells, growing gradually shorter outwards, and so arranged as to resemble a Pan's-pipe in miniature "with cylindrical reeds varying in their length."—That the Polypes are ascidian is satisfactorily proved by Cavolini; and Lister informs us that they have eight ciliated arms.

#### 24. VALKERIA, \* Fleming.

CHARACTER. *Polypidom confervoid, horny, fistular, irregularly branched; the cells ovate, clustered or scattered.—Polypes ascidian, without a gizzard.*†

V. CUSCUTA, branches opposite; "cells usually in pairs, opposite." *Ellis*.

Climbing Dodder-like Coralline, *Ellis*, Corall. 28, no. 26, pl. 14, fig. c. C.  
—*Sertularia Cuscuta*, *Lin. Syst.* 1311. *Pall. Elench.* 125. *Ellis* and

\* "This genus is dedicated to the late Dr John Walker, Professor of Natural History in the University of Edinburgh, a laborious and an accomplished naturalist." *Fleming*. Sir J. E. Smith characterises him as "a most amiable, worthy and ingenious man." Sir James visited Moffat in the autumn of 1782, of which parish Dr W. was the minister. "I spent that day," he says, "and the next very happily with the Doctor; he is a very agreeable man: the life and soul of Moffat; his loss will be equally felt by the gay, the industrious, and the unhappy,"—alluding to his approaching removal or translation to Collington, near Edinburgh. His posthumous "Essays on Natural History," Edin. 1812, 8vo. is an interesting volume, which I have had occasion to regret was not more noticed in our Faunas and Floras.

† The animal of Valkeria differs from that of Vesicularia and Bowerbankia, "in the entire absence of the manducatory organ; a difference which it is of great importance to observe with reference to a natural arrangement of the class" *Farre*.