

Family VIII. FARCIMINARIADÆ.

Farciminariadæ, Bk., Brit. Mus. Cat., vol. i. p. 32; (*nec*) Quart. Journ. Micr. Sci., N. S., vol. i. p. 155.

Character.—Zoarium submembranaceous or corneous, continuous, erect, ramose, radicate. Zoœcia quadri- or multiserial, disposed round an imaginary axis, and forming cylindrical or prismatic branches.

1. *Farciminaria*, Busk.

- (1) *Farciminaria atlantica*, n. sp. (Pl. XXXI. fig. 6).
- (2) *Farciminaria cribraria*, n. sp. (Pl. V. fig. 2).
- (3) *Farciminaria magna*, n. sp. (Pl. V. fig. 1).
- (4) *Farciminaria brasiliensis*, n. sp. (Pl. XXXI. fig. 2).
- (5) *Farciminaria pacifica*, n. sp. (Pl. XXXI. fig. 4).
- (6) *Farciminaria gracilis*, n. sp. (Pl. V. fig. 3).
- (7) *Farciminaria delicatissima*, n. sp. (Pl. XXXI. fig. 5).
- (8) *Farciminaria hexagona*, n. sp. (Pl. XIV. fig. 10, and Pl. XXXI. fig. 3).

1. *Farciminaria*, Busk.

Farciminaria, Bk., Brit. Mus. Cat., vol. i. p. 32; (*nec*) Quart. Journ. Micr. Sci., N. S., vol. i. p. 155; Kirchenpauer (*pars*)?

Character.—Zoarium furcate or dichotomous; the angle at each bifurcation occupied by a hollow membranous expansion (modified zoœcium?). Zoœcia oblong, elongated, almost entirely membranous in front, which is depressed or flat, with an acute angular border. Avicularia, when present, sessile or subimmersed, placed at the bottom in front. Mouth close to the summit, more or less protruded, the oral valve projecting. Oœcia cucullate, superior.

In the Quart. Journ. Micr. Sci. (*loc. cit.*) I described two forms of a corneous texture, and formed of cylindrical branches constituted of utricular zoœcia, under the generic term *Farciminaria*, following in this, M. Kirchenpauer, to whom I was indebted for the specimens. But I am now satisfied that these two forms cannot be placed in the same genus with my *Farciminaria aculeata*, though belonging, as it seems to me, to the same family. I would therefore venture to propose that the two species in question should, in accordance with my former suggestion, be named *Verrucularia*, v. Suhr, notwithstanding the circumstance that v. Suhr regarded *Verrucularia dichotoma* as a fucus; as which also I believe Dr. Harvey considered *Farciminaria binderi* of Kirchenpauer.