

Vert. ii. 120. 2de edit. ii. 149. *Hogg's Stock*. 33.—*Laomedea geniculata*, *Lamour*. Cor. Flex. 208. Corall. 91. *Templeton* in Mag. Nat. Hist. ix. 466. La *L. geniculée*, *Blainv.* Actinol. 474.—*Campanularia geniculata*, *Flem.* Brit. Anim. 548. *Johnston* in Trans. Newc. Soc. ii. 255.

*Hab.* Parasitical and gregarious on sea weeds that grow near low-tide mark, especially on the frond of *Laminaria digitata*, very common.

Polypidom attached by a creeping tubular thread, erect, about an inch in height, simple or sparingly branched, regularly zig-zag, slender and flexible, of a clear white colour, often tinted more or less with rose-red, and filled with a dusky granular pulp: at every flexure, the stem is divided by a single joint and incrassated, a twisted pedicle originating from the incrassated part alternately from opposite sides; the pedicle consists of 4-6 nearly equal rings, is erecto-patent, tapered slightly and terminated with a bell-shaped cell, perfectly transparent and entire. The vesicles are matured in spring: they originate from the incrassation of the joints at the side of the cells, and resemble an elegant Greek vase or urn, being of an elliptical or ovate shape, with a very short tubular opening on the flattened apex. The ova are comparatively large.

The polypidom is occasionally tinted of a pink or rose-red colour,—an accident which is not unfrequent with the *Sertulariadae* in general, especially with *Sert. abietina* and *pumila*. On what the colour depends has not been ascertained. Some specimens so tinted retain the colour after being dried, while others lose it. The nature of the *habitat* has apparently no influence on it, for I have often observed coloured and colourless specimens on the same stone or sea-weed.

3. *L. GELATINOSA*, “subordinate branches dichotomously branched; cells on twisted footstalks, campanulate, with even margins.” *Ellis*.

PLATE XXI. Fig. 3, 4. and PLATE XXIII. Fig. 1.

*Corallina filiformis ramosa pedunculis calyculorum contortis*, *Ellis*, Corall. pl. 38, fig. 3, and p. 23, pl. 12, fig. c, C.—*Sertularia gelatinosa*, *Pall.* Elench. 116. *Stew.* Elem. ii. 444. *Bosc*, Vers. iii. 112. *Fleming* in Edin. Phil. Journ. ii. 84. *Flem.* Phil. Zool. ii. 616. pl. 5, fig. 3.—*Campanularia gelatinosa*, *Flem.* Brit. Anim. 549. *Johnston* in Trans. Newc. Soc. ii. 254. *Sertularia dichotoma*, in part, *Lister* in Phil. Trans. an. 1834, 372, 375, pl. 10, fig. 1.—*Laomedea gelatinosa*, *Corallina*, 92. La *L. gélatineuse*, *Blainv.* Actinol. 475.—La *Sertolara dictoma*, *Cavol.* Pol. mar. 194, tav. 7, fig. 5—8.

*Hab.* On stones between tide marks. “Very common in the Tay above Balmerino, towards Flisk beach,” *Fleming*. In Berwick Bay, abundantly, *G. J.*