

*Spongodes pumilio*, Studer.

*Spongodes pumilio*, Studer, Ann. and Mag. Nat. Hist., ser. 6, vol. i. p. 70.

The colony forms a low, lobose mass, 25 mm. high and 65 mm. broad; of a whitish colour with red polyp heads surmounted by bundles of silvery white spicules.

A short trunk divides near its base into several thick branches which are horizontally expanded. Each of these branches divides at the end into several divergent twigs, first, however, giving off lateral twigs on two sides. The terminal twigs speedily divide into little twigs which are arranged in a corymbose manner and bear bundles of polyps, in which each calyx is surmounted by a spicule 2 to 2.5 mm. in length. The heads are red, the lateral bundles of spicules white. In each bundle of polyps one polyp appears to be more strongly developed than the others, and to project above them.

*Habitat.*—Enoshima, Japan; collected by Dr. Döderlein.

*Spongodes rigida*, Studer.

*Spongodes rigida*, Studer, Ann. and Mag. Nat. Hist., ser. 6, vol. i. p. 71.

The colony is a loosely-ramified, shortly pedunculate, head-like mass, of rigid consistence. The colour of the mass is dark purple, that of the polyp heads yellow. Height of the colony 33 mm., diameter 35 mm. The short, cylindrical stalk divides at a height of 12 mm. into a number of branches coming off on all sides. The branches are directed in part horizontally outwards, in part obliquely upwards, and bear at the end divergent twigs which divide in a corymbose manner into the polyp-bearing terminal twigs. Each of the latter bears a bundle of three to five polyps, whose heads are supported by a spicule 2 to 3 mm. in length. Each head possesses an eight-radiate operculum, composed of yellow spindles, 0.25 mm. in length. Numerous spindles occur embedded throughout the entire mesoderm, which thereby acquires a firm, rigid condition.

*Habitat.*—Japan; collected by Dr. Döderlein.

*Spongodes coccinea*, Studer.

*Spongodes coccinea*, Studer, Ann. and Mag. Nat. Hist., ser. 6, vol. i. p. 71.

The colony forms an irregular, lobose mass, placed on the end of a short barren stalk which has a leathery consistence. The head is thickly covered with polyps and is of a dark carmine-red colour. Height of the colony 45 mm. Diameter 45 mm. Length of the stalk 17 mm.

The ramification takes place in such a fashion that the main stem divides into a few (four) large, flat branches, speedily giving off along their course and from their ends smaller secondary branches, which divide into smaller secondary and terminal twigs.