

- Corallina.
- Halimeda.
- b b.* Axis stony.
- Isis.*
- B. Polypiferous basis destitute of a continuous solid axis.
 - a.* Polypi developed.
 - b.* Polypi with 8 tentacula; the base fibrous.
 - Lobularia.
 - Cydonium.
 - Cliona.
 - b b.* Polypi with tentacula exceeding 8 in number; basis nearly uniform.
 - Alcyonium.
 - Cristatella.
 - a a.* Polypi not developed.—SPONGIADÆ.
 - Tethya,
 - Halichondria.
 - Spongia.
 - Grantia.

II. CELLULIFERA.

POLYPI LODGED IN CALCAREOUS CELLS IMPERFORATE AT THE
BASE.

- A. *Substance rigid, stony.*
 - I. Cells in the form of minute pores, imbedded.—MILLEPORADÆ.
 - Millepora.
 - II. Cells tubular, and produced beyond the surface.—TUBIPORADÆ.
 - Tubipora.*
 - Favosites.*
 - Tubulipora.
 - Discopora.
 - Filipora.
 - Terebellaria.*
 - III. Cells utricular, adjacent, or superimposed.—ESCHARADÆ.
 - Eschara.
 - Retepora.
 - Cellepora.
 - Berenicea.