

RETROSPECT.

A. Subdivisions of the CELENTERATA :

- I. Hydrozoa.
- II. Hydrocoralla.
- III. Crossocoralla.
- IV. Anthocoralla.
- V. Ctenophora.

B. Subdivisions of the HYDROCORALLA :

- ‡ 1. VACUATA :
 - Fam. *Auloporidæ* (e. g. Aulopora, Reptella, etc.)
- ‡ 2. TABULATA :
 - Fam. *Chaetidæ* (e. g. Chaetetes, Tetradium).
 - Fam. *Beaumontidæ* (e. g. Beaumontia).
 - Fam. *Favositidæ* :
 - Group 1. *Plani* (e. g. Favosites, Alveolites, etc.)
 - Group 2. *Tunidi* (e. g. Michelinia, Emmonsia).
 - Fam. *Halysitidæ* (e. g. Halysites, etc.)
 - Fam. *Syringoporidæ* (e. g. Syringopora, Haimeophyllum).
- ‡ 3. CELLULATA :
 - Fam. *Fistuliporidæ* (e. g. Fistulipora, Callopora).
 - Fam. *Heliolitidæ* (e. g. Heliolites, Thecia, etc.)
- ‡ 4. TABULO-STELLATA :
 - Fam. *Favistellidæ* (e. g. Columnaria, Favistella).
 - Fam. *Amplexidæ* (e. g. Amplexus, Calophyllum, etc.)
 - Fam. *Zaphrentidæ* :
 - Group 1. *Corniculati* (e. g. Zaphrentis, Streptelasma).
 - Group 2. *Columniferi* (e. g. Lophophyllum).
 - Group 3. *Cruciferi* (e. g. Phryganophyllum).
 - Group 4. *Biformes* (e. g. Menophyllum).
- ‡ 5. VESICULO-STELLATA :
 - Fam. *Cyathophyllidæ* :

- Group 1. *Tessellati* (e. g. Cyathogonium, Phillipsastraea, Heliogonium).
- Group 2. *Arundinacei* (e. g. Cannophyllum, Diphyphyllum, Eridophyllum).
- Group 3. *Corniculati* (e. g. Cyathophyllum, Heliophyllum, Clisiophyllum, etc.).

Fam. *Lonsdalidæ* :

- Group 1. *Aggregati* (e. g. Lonsdalia, Lithostrotion).
- Group 2. *Turbinati* (e. g. Axophyllum, etc.)

Fam. *Stauridæ* :

- Group 1. *Tessellati* (e. g. Stauria).
- Group 2. *Turbinati* (e. g. Omphyma).

Fam. *Hallidæ* (e. g. Hallia).

‡ 6. VESICULOSA :

Fam. *Cystiphyllidæ* :

- Group 1. *Aggregati* (e. g. Cystiphyllodes, etc.)
- Group 2. *Corniculati* (e. g. Cystiphyllum).

‡ 7. OPERCULATA :

Fam. *Calceolidæ* :

- Group 1. *Arundinacei* (e. g. Fletcheria, Rhizopora).
- Group 2. *Univalvati* (e. g. Calceola, Rhizophyllum).
- Group 3. *Tetravalvati* (e. g. Goniophyllum).

‡ 8. INTEGRI-STELLATA :

Fam. *Cyclinidæ* :

- Group 1. *Spiniferi* (e. g. Acanthocyclus).
- Group 2. *Alternati* (e. g. Paucocyclus).
- Group 3. *Sulcati* (e. g. Microcycus, Campophyllum, etc.)

Fam. *Petraidæ* (e. g. Petraia, Polycælia, etc.)Fam. *Cyathaxonidæ* (e. g. Cyathaxonia, Duncanelia, Duncania.)