

3. *Emma*, Gray.*Emma crystallina*, Gray.4. *Scrupocellaria*, van Beneden.

- (1) *Scrupocellaria macandrei*, Busk (Pl. XI. fig. 4).
- (2) *Scrupocellaria ciliata* (Audouin) (Pl. XI. fig. 5).
- (3) *Scrupocellaria ornithorhynchus* (Wyv. Thoms.) (Pl. XI. fig. 6).
- (4) *Scrupocellaria pilosa* (Audouin) (Pl. XI. fig. 7).
- (5) *Scrupocellaria securifera*, n. sp. (Pl. XI. fig. 2).

5. *Canda*, Lamouroux.

- (1) *Canda arachnoides*, Lamouroux.
- (2) *Canda simplex*, n. sp. ? (Pl. XIV. fig. 8).

6. *Nellia*, Busk.

- (1) *Nellia oculata*, Busk.
- (2) *Nellia simplex*, Busk (Pl. V. fig. 6).

7. *Caberea*, Lamouroux.§ *a. fornicatæ.*

- (1) *Caberea rostrata*, n. sp. (Pl. XXXII. fig. 4).
- (2) *Caberea crassimarginata*, n. sp. (Pl. XI. fig. 1).
- (3) *Caberea darwinii*, Busk (Pl. XXXII. fig. 6).
- (4) *Caberea rudis*, Busk.
- (5) *Caberea minima*, n. sp. (Pl. XXXII. fig. 5).

§ *β. apertæ.*

- (6) *Caberea lata*, Busk (Pl. XI. fig. 3).

1. *Cellularia*, Pallas (pars).*Bugula* (pars), Gray.

*Character*.—Zoarium bi- or tri-serial, with more than four cells in each internode; with or without a sessile avicularium behind the upper and outer angle; with or without a pedunculate fornix.

§ *a. apertæ.*

- (1) *Cellularia crateriformis*, n. sp. (Pl. III. fig. 1).

*Character*.—Zoarium 2 to 3 inches high, lax, flaccid, straggling, branches long, very irregular. Zoecia elongated, narrow (0''·04 × ·005). Aperture oval, border wide,