

PLATE XIV., CIRRIPIEDIA, ETC.

Notation of the horizons, used below :

Div. 1c¹. Horizon of *Paradoxides lamellatus*.

Div. 1c². Horizon of *Paradoxides Etminicus*.

Div. 1d¹. Horizon of *Paradoxides Abenacus*.

Div. 1d². Horizon of *Paradoxides Davidis*.

FIG. 1. *Stenotheca concentrica*. Flattened and cracked along the back. Mag. $\frac{1}{2}$. From Div. 1 d¹, St. Martins, N. B. See p. 201.

FIG. 2. *S. concentrica* var. *radiata*. Mag. $\frac{1}{4}$. From Div. 1 c, St. John, N. B. See p. 202.

FIG. 3. *Stenotheca Hicksiana*. Mag. $\frac{1}{2}$. From Div. 1 d¹, St. Martin's, N. B. See p. 205.

FIG. 4. *Stenotheca triangularis*. *a*, a cast of, showing the outline of the cone and the thickened apex. *b*, a cast without the outline. Both mag. $\frac{1}{2}$. From Div. 1 c², St. John, N. B. See p. 203.

FIG. 5. *Strobilepis spinigera*, J. M. Clarke. Terminal plate (and penultimate plate in outline). Figured for comparison from Dr. Clarke's restoration. Mag. $\frac{1}{2}$. The terminal plate is partly covered by the penultimate. Devonian species. See p. 203.

FIG. 6. *Stenotheca nasuta*. *a*, small example, mag. $\frac{1}{2}$. *b*, original type mag. $\frac{1}{2}$. Both from Div. 1 c, St. John, N. B. See p. 204.

FIG. 7. *Plumulites Manuelensis*, n. sp, mag. $\frac{1}{2}$. From Div. 1 d², Manuel Brook, Newfoundland. See p. 200. (Misprinted Plate XV. on p. 200.)

FIG. 8. Cirripedian and other plates. Type A, *a* and *b*, two forms of oval plates. Type B, *a*, ribbed plate; *b*, smooth plate. Type C, *a*, plate with deep furrow; *b*, plate with high umbo; *c*, plate with eared flange; *d*, plate similarly flanged but more regular; these are perhaps Cystidian. Type D, symmetrical plate, perhaps one of the axial row of plates. Type E, triangular plate with radiating ridges (possibly cystidian). Type F, triangular plate with arched keel (*Cirropodites Cambrensis*). Type G, triangular plate with faceted edges. All the figures except 8 G, *a*, mag. $\frac{1}{2}$ 8 G, *a*, is mag. $\frac{1}{2}$. The narrow figures beside the larger ones are sections. See p. 206.