EXPLANATION OF THE PLATES.

PLATE I,—illustrating Dr. Honeyman’s paper on Two Cable Hauls,—contains figures of the various organisms and other objects found in the Sponge, *Reniera Minica*, viz.:

1. Spicules, long oxeas, ac.², bent.
2. Spicules, short oxeas, ac.², fusiform.
3. Spicules, styles, trac., long, stout, slender, straight, curved.
4. Spicule, style, trac., spinous.
5. Spicules, styles, tr.², long, short.
6. 7. Radiolaria.
8, 9, 10, 11, 12, 13. Diatoms.

PLATE II,—illustrating the same paper,—contains figures of the organisms and other objects found in the Sponge, *Reniera Fundyensis*, viz.:

1, 2 3, 4, 5. Spicules, oxeas, ac.²
6. Spicule, style, trac.
7. Spicule, style, trac., spinous.
8. Spicule, style, trac., spinous.
9, 10. Spicules, cymbas, anc.²
11, 12. Spicules, pterocymbas, anc.², bi-anchorate, bi-harnate.
13. Radiolaria.
14. Diatom.
15. Diatom; *Bacteriastrum furcatum*.

PLATE III,—illustrating Dr. Honeyman’s paper on Glacial Boulders,—contains figures of the various organisms and other objects found in the Sponge, *Stelletta Hansenii*, viz.:

1. Spicule, oxea, ac.², fusiform.
2, 3, 4, 5, 6, 7, 8. Spicules, styles, trac., long, short, straight, curved.
9. Spicules, styles, tr.², straight, curved.
10, 11. Spicules, chiasters.
12. Spicule, spheraster.
13. Spicule, pterocymba, anc.²
14, 15, 16, 17. Diatoms.
PLATE IV.—illustrating the same paper,—contains figures of
the organisms and other objects found in the Sponge, Stelletta
etoile-pistolet, viz.:

2. Spicules, etoile-pistolet, double.
3. Spicules, chiasters.
4, 5. Spicules, walking-stick.
6. Spicule, tylotoxea, trac.
7. Spicule, tornote (Sollas.)
8. Spicule, style, trac., curved.
10. Spicule, strongyle, tr.²
11. Spicule, strongyle, tr.², spinous, straight.
12. Spicule, strongyle, tr.², spinous, curved.
13. Spicules, pterocymbas, anc.²
14, 15. Diatoms.

NOTE.—The figures in the above Plates, which are indicated
by an asterisk, were taken with the ½-inch objective. Those
not so indicated were taken with the ¼-inch objective.

PLATE V,—illustrating Mr. Piers’s paper on Aboriginal Remains
of Nova Scotia,—contains the following:—

1. Pierced Tablet from Smith’s Cove, near Digby.
2. Pierced Tablet in Webster Collection.
3 and 4. “Snake Stone,” presented by Mr. Gilbert Seaman, of
Minude.
5 and 6. “Snake Stone,” presented by Miss Frame, of Shuben-
acadie.
7 and 8. Pipe from Musquodoboit Harbor.
9. Pipe from River Dennis, Cape Breton.

All the figures of Plate V are half the natural size.
Spongiidae: Reniera Miniae. Illustrating D. Honeyman's paper on Two Cable Hauls.
Spongidae: Reniera Fundyensis.
Illustrating D. Honeyman's paper on Two Cable Hauls.
Spongiidae: Stelletta Hanseni
Illustrating D. Honeyman's paper on Glacial Boulders.
Spongidae: Stelleta etoile-pistolet.
Illustrating D.' HONEYMAN'S paper on Glacial Boulders.
To illustrate Mr. Piers' paper on Aboriginal Remains of Nova Scotia.