

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 Minia*, 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 Hanseni*, 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. :—

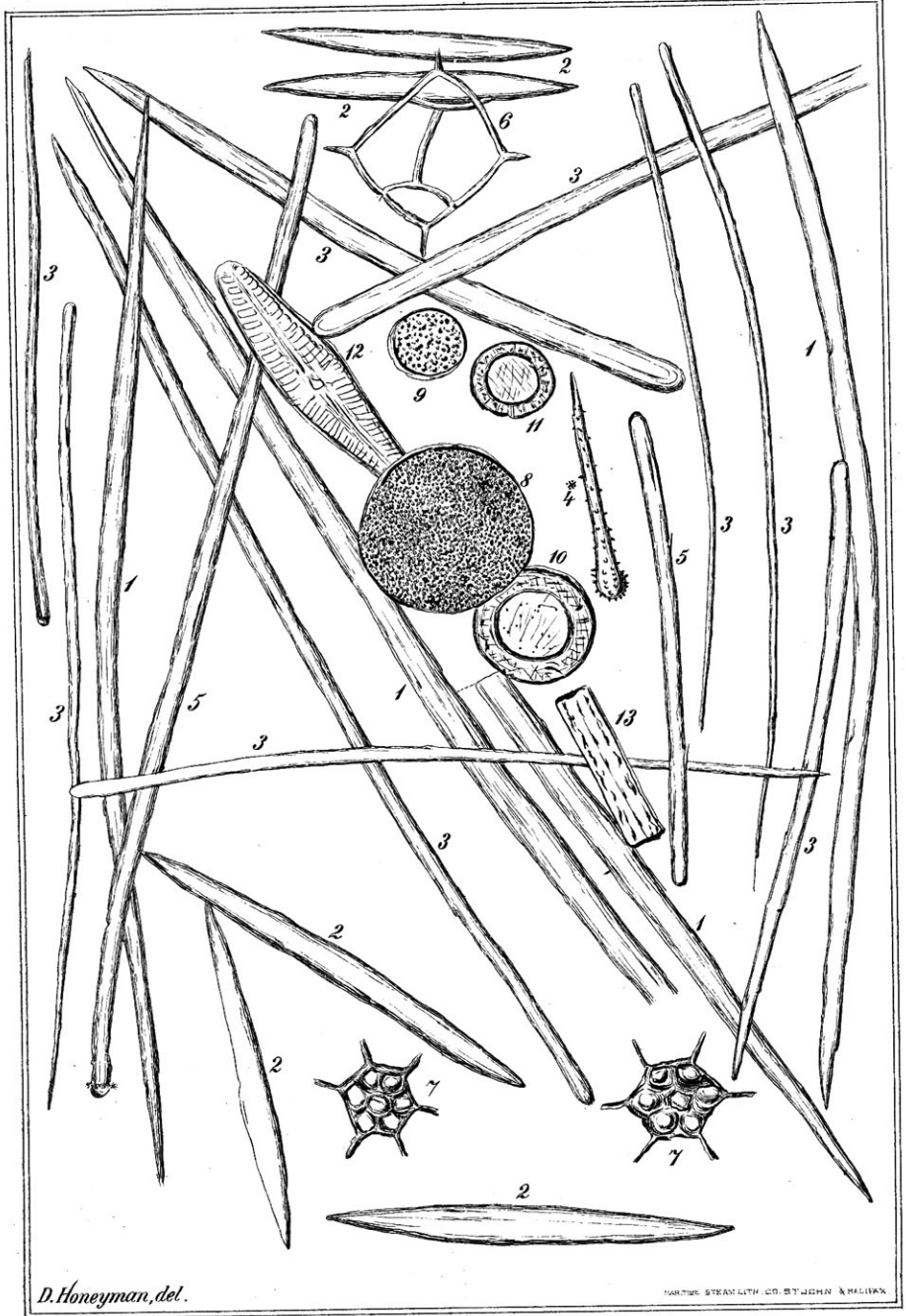
1. Spicules, etoile-pistolet.
2. Spicules, etoile-pistolet, double.
3. Spicules, chiasters.
- 4, 5. Spicules, walking-stick.
6. Spicule, tylotoxoa, trac.
7. Spicule, tornote (Sollas.)
8. Spicule, style, trac., curved.
9. Spicules, styles, trac., spinous.
10. Spicule, strongyle, tr.²
11. Spicule, strongyle, 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 $\frac{1}{8}$ -inch objective. Those not so indicated were taken with the $\frac{1}{4}$ -inch objective.

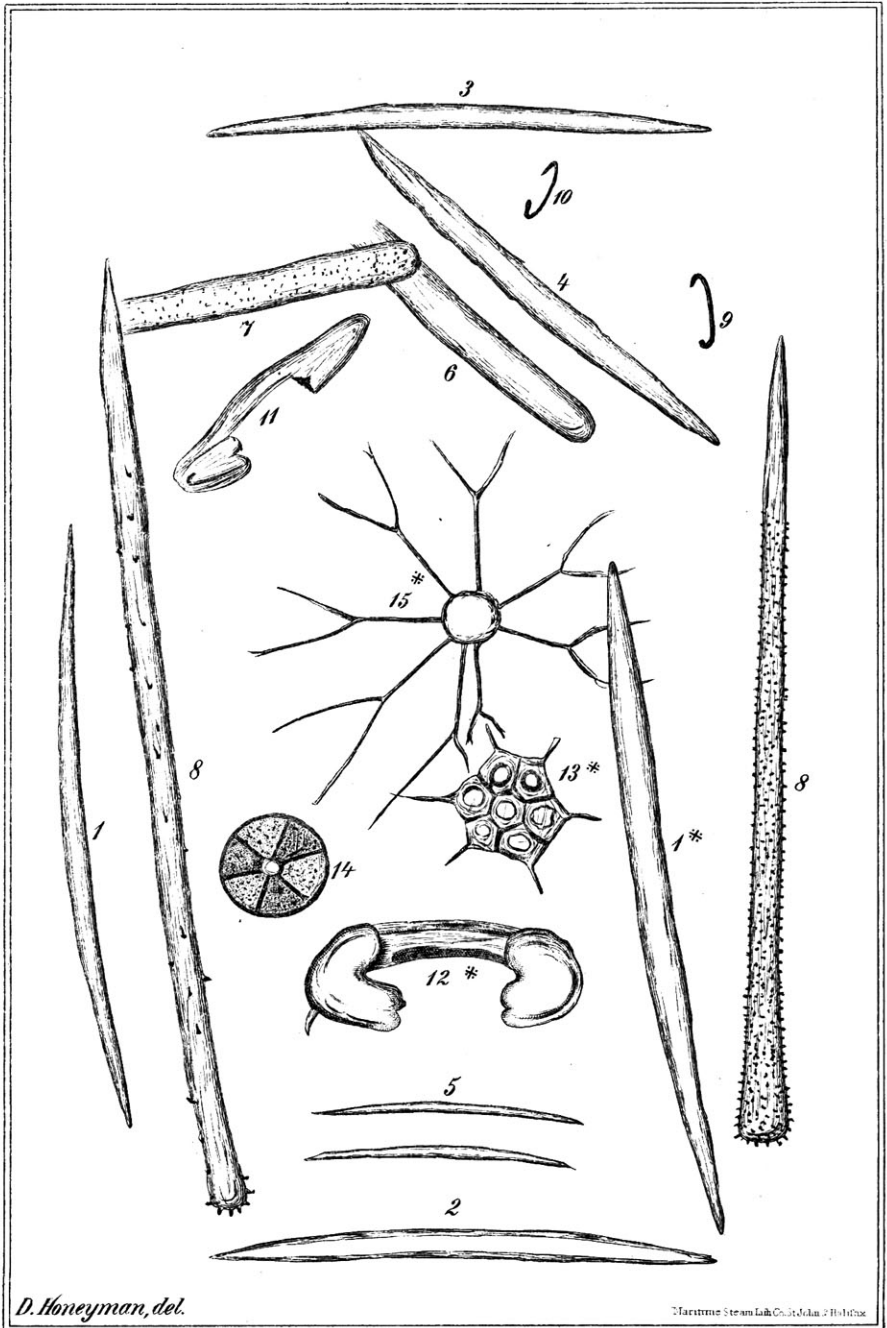
PLATE V,—illustrating Mr. Piers's paper on Aboriginal Remains of Nova Scotia,—contains the following :—

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 Minudie.
- 5 and 6. "Snake Stone," presented by Miss Frame, of Shubenacadie.
- 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.



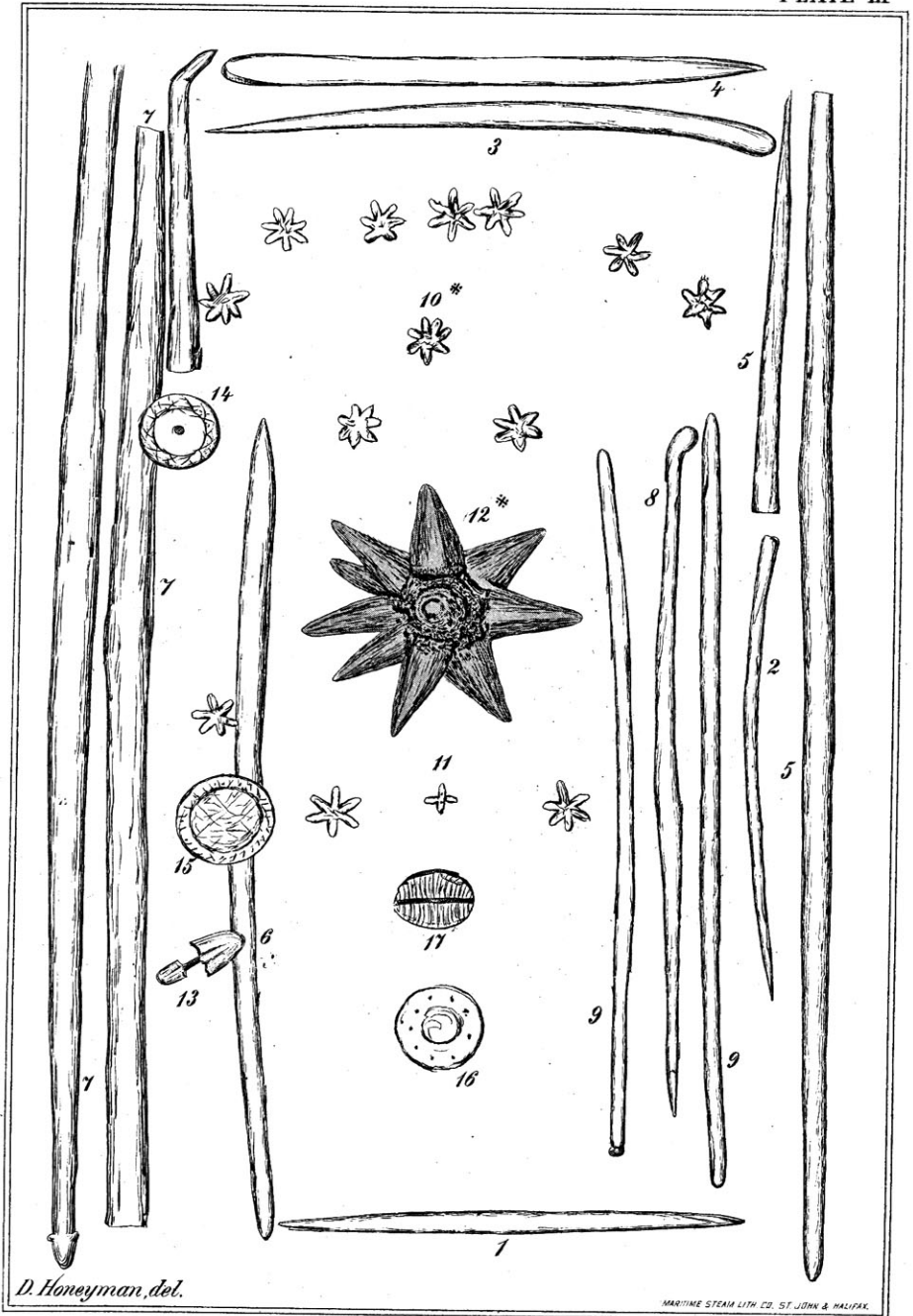
Spongiadae: Reniera Miniae.
Illustrating D. Honeyman's paper on Two Cable Hauls.



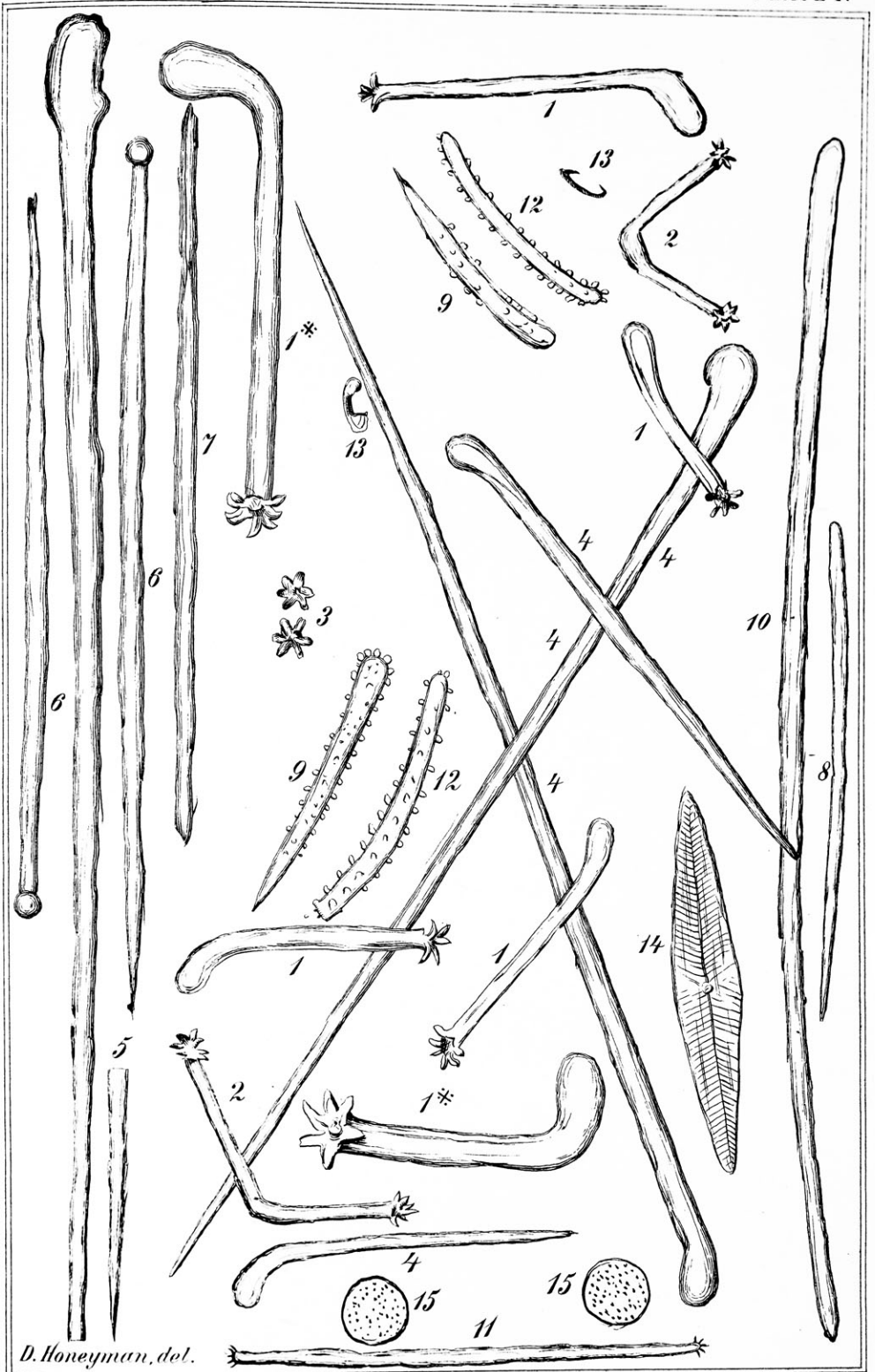
D. Honeyman, del.

Maritime Steam Lith. Co., Ltd., London

Spongiadae: Reniera Fundyensis.
Illustrating D. Honeyman's paper on Two Cable Hauls.



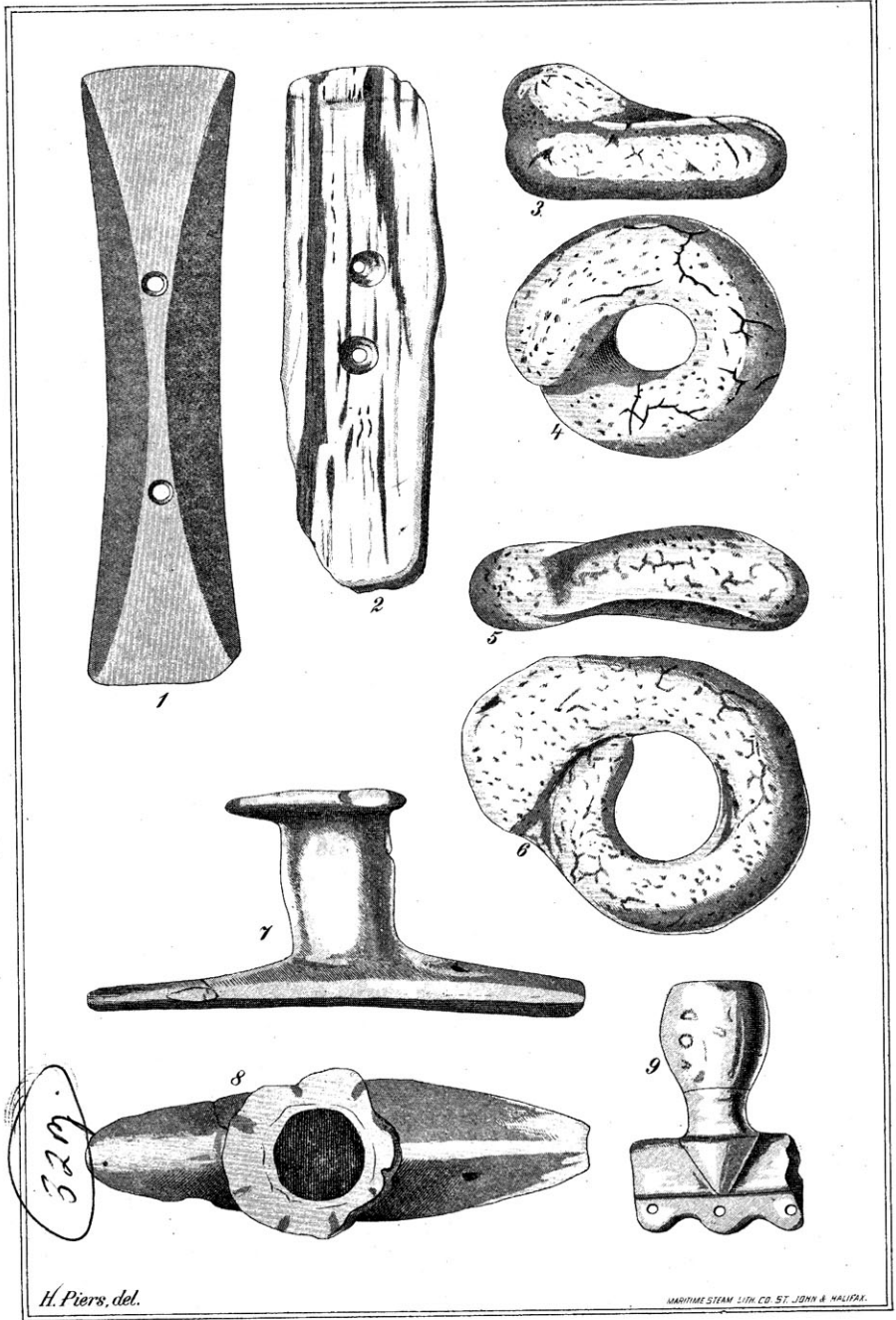
Spongiadae: Stelletta Hanseni
Illustrating D. Honeyman's paper on Glacial Boulders.



D. Honeyman, del.

WRIGHT & STEAM LITH. CO. ST. JOHN & HALIFAX.

Spongiadae: Stelletta etoile-pistolet.
Illustrating D.^r Honeyman's paper on Glacial Boulders..



To illustrate Mr Piers' paper on Aboriginal Remains of Nova Scotia.