

HOLOTHURIA SÆCULARIS, sp. nov. (Plate XLV. fig. 6.)

Body elongated, stout, covered with scattered spicules, which are not numerous and not much more common on the ventral than the dorsal surface. Mouth slightly ventral in position.

The body-wall is very thick (as much as 6 millim.) and is somewhat wrinkled in spirit; the stone-canal is as much as 34 millim. long; there is one Polian vesicle; the pieces of the œsophageal ring are stout and deep; the genital tubes arborescent. Cuvierian organs appear to be absent. The spicules are numerous, small, with well-marked knobs, and ordinarily three pairs of holes; there are no turriform bodies.

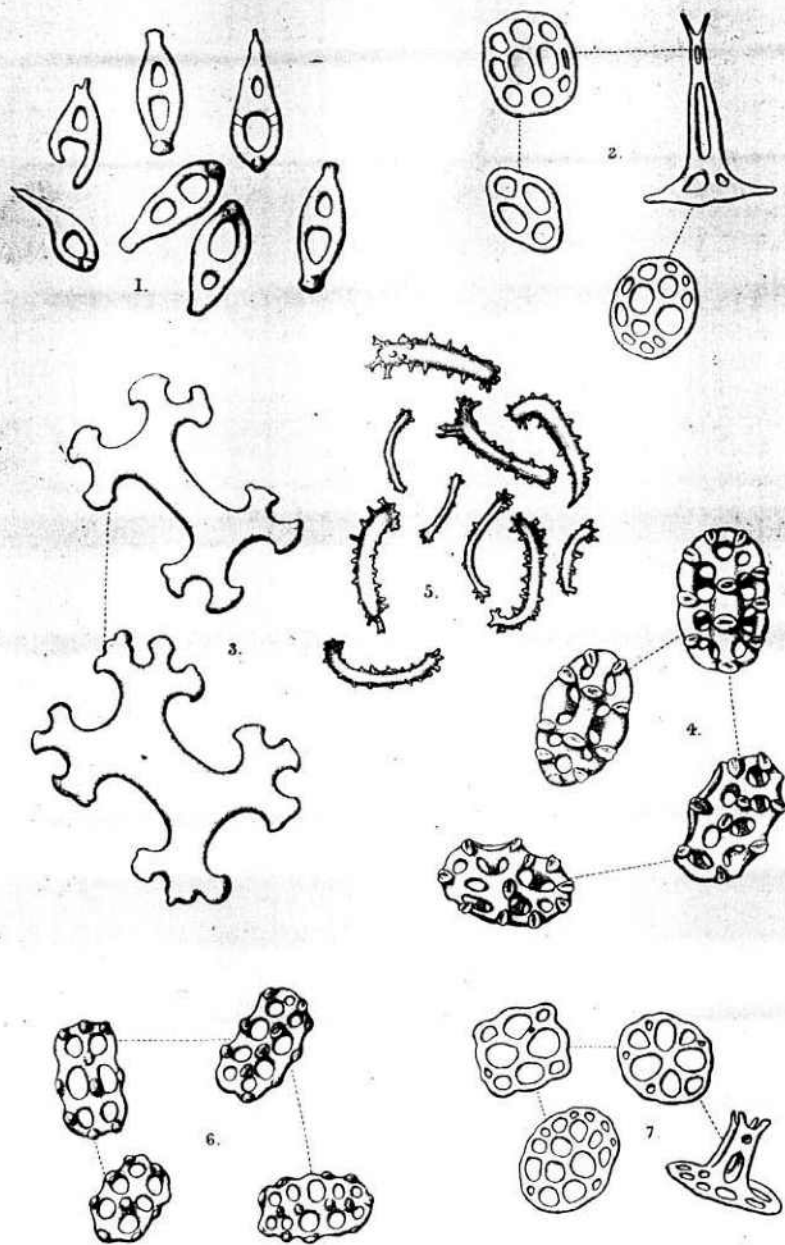
-Colour light stone speckled with white.

135 millim. long; 45 millim. wide.

110 millim. long; 40 millim. wide.

Angola.

The apparently complete absence of turriform bodies from among the deposits of this species is remarkable.



EXPLANATION OF PLATE XLV.

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| Fig. 1. | Characteristic spicules of | <i>Cucumaria sancti-johannis</i> . |
| 2. | " | " <i>C. bicolor</i> . |
| 3. | " | " <i>C. inconspicua</i> . |
| 4. | " | " <i>Holothuria whitmai</i> . |
| 5. | " | " <i>H. kapiolanæ</i> . |
| 6. | " | " <i>H. sæcularis</i> . |
| 7. | " | " <i>H. victoria</i> . |

Fig. 4 is magnified 330, fig. 6 440, the others 220 diameters.