

(13.) December 15, 1875; Pacific, off Valparaiso; surface; lat. $33^{\circ} 12' 0''$ S., long. $76^{\circ} 29' 0''$ W.; surf. temp. $62^{\circ} \cdot 5$; several specimens of the solitary form (mounted on microscope slides).

(14.) February 12, 1876; Station 319, South Atlantic; near the surface; lat. $41^{\circ} 54' 0''$ S., long. $54^{\circ} 48' 0''$ W.; surf. temp. $59^{\circ} \cdot 5$; seventy specimens of the solitary form (large and small), also about twenty very young solitary forms about 4 mm. in length; one thousand to two thousand specimens of the aggregated form (average size 6 mm.), also several mounted on microscope slides, and some of both forms stained in carmine and preserved in glycerine.

(15.) February 28, 1876; Station 323, South Atlantic; lat. $35^{\circ} 39' 0''$ S., long. $50^{\circ} 47' 0''$ W.; surf. temp. $73^{\circ} \cdot 5$; several specimens of the aggregated form.

(16.) February 29, 1876; Station 324, South Atlantic; near the surface; lat. $36^{\circ} 9' 0''$ S., long. $48^{\circ} 22' 0''$ W.; surf. temp. $71^{\circ} \cdot 5$; eight specimens of the solitary form (of fair size), and nearly fifty specimens of the aggregated form (some small).

(17.) March 1, 1876; South Atlantic; near the surface; lat. $36^{\circ} 1' 0''$ S., long. $47^{\circ} 35' 0''$ W.; surf. temp. 72° ; one specimen of the solitary form, and ten specimens of the aggregated form (various sizes).

(18.) March 3-5, 1876; South Atlantic; lat. $37^{\circ} 0' 0''$ — $37^{\circ} 32' 0''$ S., long. $44^{\circ} 23' 0''$ — $42^{\circ} 0' 0''$ W.; surf. temp. $68^{\circ} \cdot 2$ — $70^{\circ} \cdot 5$; one hundred and fifty specimens of the solitary form (about 1 cm. in length), and about one hundred specimens of the aggregated form (about 6 mm. in length).

(19.) March 14, 1876; Station, 334, South Atlantic; lat. $35^{\circ} 45' 0''$ S., long. $18^{\circ} 31' 0''$ W.; surf. temp. $68^{\circ} \cdot 5$; three specimens of the aggregated form (stained and preserved in glycerine).

(20.) April 6, 1876; Station 346, Tropical Atlantic; surface; lat. $2^{\circ} 42' 0''$ S., long. $14^{\circ} 41' 0''$ W.; surf. temp. $82^{\circ} \cdot 7$; seven specimens of the solitary form.

(21.) April 11, 1876; Station 350, North Atlantic; lat. $7^{\circ} 33' 0''$ N., long. $15^{\circ} 16' 0''$ W.; surf. temp. 84° ; four small specimens of the solitary form.

(22.) April 13, 1876; Station 352, North Atlantic, off the West coast of Africa; lat. $10^{\circ} 55' 0''$ N., long. $17^{\circ} 46' 0''$ W.; surf. temp. $77^{\circ} \cdot 7$; one specimen of the solitary form.

(23.) May 3, 1876; Station 353, North Atlantic; tow-net down to 80 fathoms; lat. $26^{\circ} 21' 0''$ N., long. $33^{\circ} 37' 0''$ W.; surf. temp. $70^{\circ} \cdot 7$; two specimens of the solitary form (one very small), and three specimens of the aggregated form (poor specimens).

(24.) Collected during the second cruise of H.M.S. "Porcupine" in the summer of 1869; Station No. 33, off the South Coast of Ireland, surface; several specimens of both the solitary and the aggregated forms.

The Challenger collection of this species shows a considerable amount of variation both in size and shape. Taking the solitary form first, we find specimens ranging from 5 mm. to nearly 15 mm. in length of body, exclusive of the posterior prolongations or spines, collected on the same occasion (April 2, 1874, off the Australian coast). The