

<i>Gaudryina rugosa</i> , d'Orbigny.	× <i>Globigerina dubia</i> , Egger.	
<i>Bulimina buchiana</i> , d'Orbigny.	× „ <i>inflata</i> , d'Orbigny.	
„ <i>elegans</i> , d'Orbigny (?).	× „ <i>rubra</i> , d'Orbigny.	
„ <i>inflata</i> , Seguenza.	× „ <i>sacculifera</i> , Brady.	
„ <i>pyrula</i> , d'Orbigny.	× <i>Orbulina universa</i> , d'Orbigny.	
<i>Bolivina beyrichi</i> , Reuss.	× <i>Hastigerina pelagica</i> , d'Orbigny.	
„ <i>robusta</i> , Brady.	× <i>Pullenia obliquiloculata</i> , Parker and Jones.	
<i>Cuspidulina subglobosa</i> , Brady.	„ <i>quinteloba</i> , Reuss.	
<i>Chilostomella ovoidea</i> , Reuss.	<i>Spirillina decorata</i> , Brady.	
<i>Lagena acuticosta</i> , Reuss.	<i>Planorbulina mediterraneensis</i> , d'Orbigny.	
„ <i>lagenoides</i> (Williamson).	<i>Truncatulina culter</i> (Parker and Jones).	
„ <i>marginata</i> (Walker and Boys).	„ <i>ungeriana</i> (d'Orbigny).	
„ <i>orbignyana</i> (Seguenza).	„ <i>wuellerstorfi</i> (Schwager).	
„ <i>semistriata</i> , Williamson.	<i>Rupertia stabilis</i> , Wallich.	
<i>Nodosaria obliqua</i> (Linné).	× <i>Pulvinulina canariensis</i> (d'Orbigny).	
„ <i>scalaris</i> (Batsch).	× „ <i>crassa</i> , (d'Orbigny).	
„ sp. (?).	× „ <i>elegans</i> (d'Orbigny).	
<i>Rhabdognium tricarinatum</i> (d'Orbigny).	„ <i>hauerii</i> (d'Orbigny).	
<i>Cristellaria articulata</i> , Reuss.	× „ <i>menardii</i> (d'Orbigny).	
„ <i>crepidula</i> (Fichtel and Moll).	× „ <i>meliniana</i> (d'Orbigny).	
<i>Polymorphina lactea</i> (Walker and Jacob).	„ <i>pauperata</i> , Parker and Jones.	
„ <i>sororia</i> , Reuss, var. <i>cuspidata</i> , Brady.	× „ <i>tumida</i> , Brady.	
„ sp. (?).	<i>Rotalia calcar</i> , d'Orbigny.	
<i>Uvigerina pygmaea</i> , d'Orbigny.	„ <i>soldanii</i> , d'Orbigny.	
<i>Sagrina columellaris</i> , Brady.	<i>Polytrema miniaceum</i> (Linné).	
× <i>Globigerina wquilateralis</i> , Brady.	<i>Nonionina umbilicatula</i> (Montagu).	
× „ <i>bulloides</i> , d'Orbigny.	<i>Amphistegina lessonii</i> , d'Orbigny.	
× „ <i>conglobata</i> , Brady.	<i>Operculina</i> (?) sp.	

STATION 85.

Moseley writes: "In addition to the Pteropods, &c., I found in the mud an entire well-preserved leaf of a shrub (holly?), which, from its whiteness and general appearance, had evidently been at the bottom a considerable time; we were six miles from shore. This is the first land-vegetable fragment we have obtained from deep water, and interesting as showing how land remains become mingled with marine ones in even deep-sea deposits. In the mud were, further, masses of the corallum previously obtained, coated with manganese. On one piece was a small *Spirorbis* also encrusted, thus showing the encrustation was entirely post-mortem."

Station 86 (Sounding 150), Madeira to Cape Verde Islands (see Chart 6).

STATION 86.

July 21, 1873; lat. 25° 46' N., long. 20° 34' W.

Temperature of air at noon, 74°·3; mean for the day, 72°·1.

Temperature of water at surface, 71°·0; bottom, 36°·6.

Density at 60° F. at bottom, 1·02626.