

The following species having a continental and abyssal range find their way into the South American district :—

<i>Aspidodiadema microtuberculatum</i> ,		<i>Cystechinus vesica</i> , Southern Ocean.
Atlantic and Pacific.		<i>Cystechinus wyvillii</i> „
<i>Phormosoma asterias</i> , Southern Ocean.		<i>Pourtalesia carinata</i> „
<i>Phormosoma hoplacantha</i> „		<i>Pourtalesia ceratopyga</i> „
<i>Urechinus naresianus</i> „		<i>Schizaster moseleyi</i> „

Echinus norvegicus is the only European boreal species not hitherto found at the southern extremity of South America collected by the Challenger with a new species of *Echinus* (*E. horridus*), all the other species are evidently only northern extensions of the Southern Ocean abyssal species. *Schizaster moseleyi* is also a more shallow Southern Ocean species. The South American district seems to be like that of the Cape of Good Hope; it has no species peculiar to itself, and is the meeting ground of the southern limits of the Brazils, Virginia, of the Atlantic, of the Southern Ocean, and of the southern extremity of the Peru-Chili districts.

SOUTHERN BRAZIL—EASTERN VIRGINIA.

	Range in Depth and Principal Localities.
DESMOSTICHA, Hæckel	
CIDARIDÆ, Müll.	
GONIOCIDARIDÆ, Hæckel.	
<i>Cidaris</i> , Kl.	
× <i>C. tribuloides</i> , Bl.,	{ South Carolina; West Indies, 20–250 fathoms B.; Florida, Gulf Stream, 116 fathoms; Tortugas, 30–36 fathoms; Rio Janeiro; ×Fernando Noronha; ×Bahia, 7–20 fathoms (North Atlantic).
<i>Dorocidaris</i> , A. Ag.	
<i>D. bartletti</i> , A. Ag.,	Caribbean Islands, 76–398 fathoms B.
<i>D. blakii</i> , A. Ag.,	Caribbean Islands, 158–450 fathoms B.
× <i>D. papillata</i> , A. Ag.,	{ Florida, Gulf Stream, 40–195 fathoms B.; Caribbean Islands, L. -874 fathoms B.; ×Station 24, 390 fathoms; ×St Paul Rocks, 70–80 fathoms; ×Station 320, 600 fathoms (Atlantic; Pacific).
<i>Porocidaris</i> , Des.	
<i>P. sharreri</i> , A. Ag.,	Caribbean Islands, 123–351 fathoms B.
SALENIDÆ, Agass.	
<i>Salenia</i> , Gray.	
<i>S. goesiana</i> , Lov.,	Caribbean Islands, 180 fathoms J.
* <i>S. hastigera</i> , A. Ag.,	×Station 106, 1850 fathoms; ×Station 335, 1425 fathoms (Pacific).
<i>S. pattersonii</i> , A. Ag.,	Caribbean, 82–450 fathoms B.
× <i>S. varispina</i> , A. Ag.,	{ Florida, Gulf Stream, 135 fathoms; Caribbean Islands, 120–1200 fathoms B.; ×Station 23, 450 fathoms; ×Station 24, 390 fathoms (Atlantic).