

STATION 320. February 14, 1876; lat.  $37^{\circ} 17' 0''$  S., long.  $53^{\circ} 52' 0''$  W.; off the mouth of the Rio de la Plata; depth, 600 fathoms; bottom, green sand; bottom temperature,  $37^{\circ} \cdot 2$ .

*Halichondria latrunculioides.*

*Halichondria* sp. (a).

*Gellius lævis.*

*Gellius calyx.*

*Gellius flabelliformis.*

*Gellius* sp.

*Tedania massa.*

*Vomerula esperioides.*

*Esperella lapidiformis.*

*Phelloderma radiatum.*

*Amphilectus annectens.*

*Myxilla spongiosa.*

*Myxilla hastata.*

*Myxilla compressa.*

*Myxilla nobilis.*

*Ciocalypta hyaloderma.*

*Ciocalypta amorphosa.*

*Axinella* (?) *tubulosa.*

*Suberites caminatus*, var.

*Suberites axiatus.*

*Latrunculia apicalis.*

*Latrunculia brevis.*

STATION 332. March 10, 1876; lat.  $37^{\circ} 29' 0''$  S., long.  $27^{\circ} 31' 0''$  W.; South Atlantic; depth, 2200 fathoms; bottom, Globigerina ooze; bottom temperature,  $34^{\circ} \cdot 0$ .

*Cladorhiza inversa.*