

APPENDIX B.

Table showing the Amount of Carbonic Acid contained in Sea-water at Various Stations in the Atlantic.

Date, 1873.	Latitude.	Longitude.	Depth of Sample in Fathoms.	Temperature at Depth.	Specific Gravity of Water at 15°·56 C.; Water at 4° C. = 1.	Grammes of CO ₂ in One Litre of Water.
Feb. 28	23° 10' N.	38° 42' W.	2720 Bottom.	2° 0 C.	1·02747	0·04
Mar. 26	19 41	65 7	3875 "	*—	1·02637	0·057
27	21 26	65 16	Surface.	25 · 2	1·02703	0·046
28	22 49	65 19	2960 Bottom.	1 · 50	1·02597	0·053
29	24 39	65 25	2850 "	1 · 67	1·02606	0·052
31	27 49	64 59	Surface.	—	1·02736	0·048
May 26	36 30	63 40	2650 Bottom.	1 · 8	1·02690	0·064
27	34 50	63 59	Surface.	21 · 7	1·02711	0·045
June 14	32 54	63 22	"	23 · 3	1·02716	0·0415
"	32 54	63 22	2360 Bottom.	1 · 7	1·02650	0·0472
16	34 28	58 56	2575 "	1 · 5	1·02701	0·0500
23	37 54	41 44	Surface.	21 · 1	1·02690	0·0529
24	38 3	39 19	2175 Bottom.	—	1·02607	0·0536
27	38 18	34 48	1675 "	2 · 3	1·02660	0·0592
30	38 30	31 14	1000 "	3 · 7	1·02683	0·0446
Aug. 16	7 1	15 55	Surface.	26 · 1	1·02615	0·0432
18	6 11	15 57	"	26 · 0	1·02637	0·0382
19	5 48	14 20	"	26 · 2	1·02635	0·0455
20	4 29	13 52	"	26 · 2	1·02622	0·0430
21	3 8	14 49	300	5 · 3	1·02610	0·0536
25	1 47	24 26	Surface.	26 · 0	1·02618	0·0426
26	1 47	24 26	50	—	1·02630	0·0533
Sept. 27	14 51 S.	37 1	Surface.	25 · 3	1·02770	0·0330
30	20 13	35 19	100	17 · 3	1·02736	0·0360
Oct. 1	22 15	35 37	Surface.	22 · 8	1·02744	0·0591
2	24 43	34 17	"	21 · 0	1·02717	0·0418
3	26 15	32 56	2350 Bottom.	0 · 8	1·02706	0·0491
4	27 43	31 3	Surface.	19 · 4	1·02702	0·0432
6	29 35	28 9	1000	2 · 5	1·02572	0·0556

* On this occasion two thermometers were crushed by the extreme pressure.