

TABLE IV

gives the measurements of the **Hydrogen Ion Concentration** (and the **Hydroxyl Ion Concentration**) of the Sea-Water, taken during the cruise of the *Veslemøy*, in July and August 1912.

- 1st Column. Depth in Metres.
2nd Column, t° C. Temperature (Centigrade) of the Sea-Water *in situ*.
3rd Column, S ‰. Salinity (in per mille) of the Sea-Water.
4th Column, p_H . The Hydrogen Ion Exponent, p_H , given by the observations.
5th Column, $COH \cdot 10^7$. The Hydroxyl Ion Concentration, expressed in gram-equivalents of hydroxyl ions per liter of sea-water, multiplied by 10^7 .
6th Column, O_2 cc. Cc. of Oxygen per liter of Sea-Water.
7th Column, O_2 ‰. Percentage of Saturation of Oxygen.