

a long way" in disinfecting. Schonbein found that air containing $\frac{1}{341000}$ of Ozone had the power of disinfecting its own volume of air loaded with the effluvia given off in one minute from four ounces of highly putrid flesh.

"Ozone is found in greater abundance in pure country air than in impure town air, on mountains than in valleys, at the seaside than inland, in well drained and ventilated towns than in those where these important sanitary matters are neglected.

"It is nature's great deodorizing and purifying principle, that oxidizes the emanations from decomposing animal and vegetable substances with which the air is constantly being contaminated, thus rendering them innocuous. The atmosphere would be so polluted by its admixture with the noxious matters evolved during the putrefactive changes which are unceasingly taking place on the globe, as to be unfitted for sustaining animal life, were it not for the all-pervading influence of the 'great disinfectant' Ozone. In thus sustaining the salubrity of the atmosphere by destroying its impurities, it, in its turn, suffers destruction. If this were not so, there would necessarily be an accumulation of Ozone prejudicial to animal and vegetable life; for it is always being produced not only on the surface of this planet, but in the wondrous envelope which encompasses it."

It has been observed that air, in passing over densely-populated towns, becomes deozonised, the Ozone having been used in the oxidation of the noxious exhalations arising from all aggregations of human beings. In large commercial cities, Ozone is steadily deficient. It was found that the air of the public grounds at Washington gave evidence of abundance of ozone, while in the air of the streets it was absent. On this point, Dr. Evans observes: "The N.E. wind reaching Hackney from the country is found to be highly charged with Ozone, but on arriving at Fulham, after having crossed London, it appears to have lost almost all traces of this substance. Precisely the converse of this occurred on Saturday, when the wind blew from the S.W."

At seaside stations an enormous amount of ozone is indicated, while the quantity exhibits great uniformity. There is a greater amount of it found at elevated than at low-lying stations. This is especially the case at inland stations. "Mr. Glaisher found that an ozonoscope indicated at a height of 85 feet on the sea-coast 2°.2; whilst at the same elevation inland it exhibited 0°.6. At 170 feet the coloration inland amounted to 1.3, and at 255 feet to 3.8."

Prof. Heaton, Burder and others assert that Ozone is never present in the air of inhabited rooms, even though a window