

epidemics of typhoid had been traced to the water supply, and the typhoid bacillus afterwards isolated from the water.

Mr. Elvins referred to the amount of fever in Toronto during the last three years. He would like to know whether it had been confined to any geographical lines, or to any particular parts of the city.

Mr. Mackenzie had not been able to learn whether it had been confined to any special portions of the city or was generally scattered.

Dr. Ellis had learned that in many cases that occurred the patient had come from a house where there was a cess-pool. If it was pretty generally scattered the probability would be that it was caused by the city water. If it was confined to any special localities, one would imagine that the cases would come from the flats of the Don, but it seems that the cases came from more healthy localities, as from near Knox College.

Mr. Harvey mentioned a case that had come to his knowledge. It was from a house in Little York, that was built on a bed of gravel. Great pains were taken to analyze the water, and it was found quite pure; so that cases might occur in the healthiest locality.

FIFTH MEETING.

Fifth Meeting 29th March, 1890, the Vice-President in the chair.

Donations and exchanges, 48.

P. Jacobi and W. J. Shaw, M.D., were elected members.

Mr. R. Dewar read a paper on "The Occurrence of Gold and Silver in Galena and Iron Pyrites." He began by reviewing the geological occurrence of deposits, which he said were most abundant in the Palæozoic time in the Silurian and Carboniferous ages. He also gave the periods and epochs of all the deposits in America, which included Wisconsin, Missouri, etc. In Europe he referred to the deposits of England, Ireland, Scotland, Germany, France, Spain, Austria, and Bohemia, and remarked that iron pyrites occurred in all formations, from the oldest to the most recent. Galena occurred in granite, sandstone, argillaceous and limestone rocks, and had for its matrix quartz, fluorspar, baryta, and calcite, remarking that both galena and pyrites were found in both bituminous and anthracite coal, and in chalk and clay from the coal measures. Galena in the older metamorphic crystalline rocks was not to be com-