

hand basket in which he carried provisions, consisting of bread, sugar, tea and boiled meat, besides three handkerchiefs, one towel, a bottle of eye medicine and dropper. He had no other baggage or effects, except clothing worn. En route from Wlodawa to Libau, he purchased at the railroad station four apples and some bottled beer, which he ate and drank before reaching Libau. At Libau he was detained for one day and night in an emigrant boarding house, where there were about thirty other emigrants detained, Russians, Jews, etc. At Libau his effects were not disinfected. He boarded a Danish ship for London, which port was reached, he claims, in eight days. During this voyage he ate only food supplied by the ship, no uncooked vegetable or fruit. From London dock he was taken to an emigrant boarding house, where there were many Russians and emigrants of other nationalities detained. In this house he remained either seven or eight days and then proceeded via rail to Bristol, Eng., which port he reached the day of sailing, November 8th. On November 12th, at sea, he was taken ill with severe cramps in his extremities and abdomen, chilly sensations, vomiting and great thirst. The day following the symptoms were more marked with weakness and diarrhoea. These symptoms continued with more or less severity until November 17th when the vomiting ceased and he had but few liquid movements.

"He disembarked at Quebec November 17th, with an unsteady gait, anxious expression, pinched nose and cheeks and blue lips. His temperature at the time was 39.2 Centigrade, weak thready pulse of 138, and complained of abdominal cramps and intense thirst. He had been unable during the five previous days to retain anything in his stomach except a few bits of bread and had no control over his bowel movements. At no time during his whole voyage had he eaten any uncooked vegetables or fruit, except the four apples purchased and eaten unpeeled in Russia."

A specimen of this alien's feces and his effects, contained in a small reed hand basket, as described above, were forwarded to Professor Adami, of McGill University, for bacteriological examination on November 17th, and the immigrant was returned with the ship to quarantine, where after a day or two his symptoms subsided and he was apparently well. On November 19th, the

following telegram was received from Professor Adami: "Definitely decide case one of Cholera." In a later report he stated that he had also isolated spirillum from one of the soiled handkerchiefs. Professor Adami and Dr. Vallée, director of the Municipal Laboratory at Quebec, made frequent bacteriological examinations of the stools of this alien and found Cholera bacilli continuously present in them for six months.

Russian investigators, Zlatogoroff among others, have been able to demonstrate Cholera bacilli in the feces not longer than fifty-six days and twenty days is conceded as the average.

This case undoubtedly was a Cholera-Carrier, similar to the now well-known typhoid-carrier, but it presents several unusual interesting features. The period of incubation for Cholera is given as from two to five days, and here we have a man falling ill twenty-two to twenty-four days after leaving Russia, an infected country, with what was bacteriologically diagnosed Cholera. Bacilli were found in his personal effects and he continued to pass them in his feces for six months thereafter.

The question naturally arises, when and how did this man infect himself to become a Cholera Carrier? There are two probable hypotheses. First, he may have left Russia as a Cholera-Carrier, but owing to lowered bodily resistance dependent upon the rigors of a sea voyage, he set up a mild choleraic attack, which soon subsided shortly after disembarking at Quebec, leaving him well, but a carrier. Second—He may have infected some of his personal effects while in or passing through Russia, but not until later during the voyage did he consume in some manner the Cholera bacilli, setting up a mild choleraic attack, which soon subsided leaving him well, but a carrier.

This poor unfortunate showed signs of dementia after his long incarceration at Grosse Isle quarantine, and when it was found in May of last year that he was no longer a Cholera Carrier, he was deported to Russia as Insane.

Canada is a young, but a rapidly growing, country with extensive uncultivated areas and vast natural resources. Canadians have wisely framed their immigration laws, they have benefited by the earlier experiences of the Republic to the south and they