

analysis of the inorganic materials even in Montreal city water supply. That made some time ago by Dr. Ruttan was to ascertain the organic materials only.

Kocher's elaborate investigations in the Canton of Berne, Switzerland, in which over 76,000 school children were examined, brings to light some new and interesting facts. First, he believes that certain waters contain the *materies morbi*. He mentions certain goitrous wells which invariably produced the disease. Again, upon analysis of non-goitrous wells and springs, he finds that their water contain four times as much lime and twice as much magnesia in solution. Goitrous and non-goitrous wells may be but a short distance removed from one another. He emphasizes the fact that water from the so-called fresh water sandstone is particularly goitrous. Manson, Glover, and Mitchell, having investigated the matter, do not believe that alkalinity is a causative agent. Armaingand mentions the significant fact that all other supposed causes of goitre having been removed, still the disease remains quite as prevalent.