

which we have any evidence,' and the fauna, with its seals and *Saxicava*, is certainly Arctic. The time which has elapsed since the retreat of the sea from this area probably is approximately the same as that required by Niagara for cutting its gorge, that is, as variously estimated, from 7,000 to 50,000 years."

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A SIMPLE METHOD OF WATER PURIFICATION. By G. G. Nasmith, Esq., Ph.D., and R. R. Graham, Esq., M.B. A level teaspoonful of chloride of lime should be rubbed into a teacup of water. This solution should be diluted with three cupfuls of water, and a teaspoonful of the whole quantity should be added to each two gallon pail of drinking water. This will give .4 or .5 parts of free chlorine to a million parts of water and will in ten minutes destroy all typhoid and colon bacilli or other dysentery-producing organisms in the water. Moreover, all traces of the chlorine will rapidly disappear.

This method of purification has been tested with Toronto Bay water inoculated with millions of bacteria. Every germ has been destroyed and it has been unnecessary to boil the water.

This method should be very valuable for miners, prospectors, campers, and those living in summer resorts where the condition of the water might not be above suspicion.—Ontario Board of Health, Circular No. 35.

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NEST OF WILSON'S SNIPE.—The following note appeared in *Forest and Stream*, of September 10th:—

"In Ashbridge Marsh, south of Gooderham's byres, in front of the Stanley Gun Club shooting house, a Wilson's snipe's nest was found by R. Buchanan, May 12th, 1910. When found, it contained the full clutch of four eggs. It was frequently visited by Mr. Alberts and others, and the eggs were hatched out between the 1st and 2nd of June. The nest and eggs were taken by Mr. Alberts and are now in the possession of James Munro. The male bird was frequently seen and sometimes on top of the trap house. The female was hard to flush, and lay close during all the shooting, if not approached from the path of the trap house."

A photograph is published in *Forest and Stream* which shows a gun was lying beside the eggs in the nest; and a diagram of the position of the nest shows it to be nine feet from a much-used path and twelve yards from a shooting platform.

W. E. SAUNDERS.