

A Large Colony of Bank Swallows' Nests.

In the clay banks along Lake Ontario, some three miles east of Oakville, is situated a large colony of Bank Swallows' Nests. These are so numerous that several hundred nesting holes were counted in a few yards. Probably in no locality in the Province are Bank Swallows more abundant.

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The Hydrophytic Formations of Lake Opinicon.

LAKE Opinicon is an expansion on the Rideau Canal about 30 miles from Kingston, Ont. The lake now covers a far greater area than it did before the construction of the canal system and a large part of it is made up of "drowned lands" where the stumps of trees project above the water. The water over the greater portion of the lake is very shallow, thus favouring the abundant development of hydrophytes of the *Limnaea* formation which grow with their roots in the soil at the bottom. This formation is composed of *Vallisneria spiralis*, the staminate flowers of which were floating all over the surface of the water at the time of my visit on Aug. 11th and 12th, *Elodea canadensis*, *Bidens beckii*, which was in flower, *Najas flexilis*, *Potamogeton pectinatus*, *Potamogeton amplifolius*, *Potamogeton perfoliatus*, *Potamogeton zosterifolius*, *Potamogeton friesii* and *Potamogeton natans*. On the stems and leaves of these plants were several epiphytic Algae—*Colevchaete orbicularis*, *Coleochaete soluta*, *Dichothrix horsfordii* and *Tolopothrix tenuis*.

Among the fixed plants of the *Limnaea* formation were two representatives of the floating Pleuston formation—*Ceratophyllum demersum* and *Lemna trisulca*. Among these larger plants floated the following members of the Plankton formation—*Coelosphaerium kuetsingianum*, *Tetraedron minimum*, *Scenedesmus bijuga*, *Scenedesmus quadricauda*, *Coelastrum microporum*, *Pediastrum boryanum*, *Pediastrum duplex* and *Pediastrum tetras*.

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