

## A. BLITOIDES, Wat.

London, Ont. (*Millman.*) Port Colborne, Ont. (*John Macoun.*) Point Edward, St. Clair River, Ont. (*Jas. M. Macoun.*)

## POLYGONUM.

All our herbarium specimens of this genus have been examined by Prof. John K. Small, who has made several important changes in our determinations. He had not our herbarium sheets at the time his revision of the *Polygonaceæ* was published so that the distribution of the Canadian species of *Polygonum* as given below will greatly extend the range of many North American species. I follow Prof. Small's arrangement of the species throughout.

(1.) *P. VIVIPARUM*, Linn.

Throughout Canada. Our most northern specimens are from Lat.  $64^{\circ} 26'$ , Long.  $100^{\circ} 45'$ , 1893. (*Jas. W. Tyrrell.*) and Great Bear Lake River. Lat.  $65^{\circ}$ , 1892. (*Miss E. Taylor.*)

(2.) *P. PERSICARIA*, Linn.

From Prince Edward Island to Vancouver Island. Abundant throughout the settled parts of Canada.

(3.) *P. CAREYI*, Olney.

Wet sandy banks, Moon River, Muskoka. Ont., 1878. (*Burgess.*) The only Canadian station.

(4.) *P. hydropiperoides*, Michx.

We have this species from but one locality, Belleville, Ont. Many of the references given by Prof. Macoun (*Cat. Can. Plants*, Vol. I, p. 411), probably refer to other species. This plant is certainly not of as general distribution in Canada as is supposed, or our herbarium would contain specimens from more stations than one.

Of this species and var. *strigosum* Prof. Small writes, "*P. hydropiperoides*, as well as the var. *strigosum*, has an almost invariable character which it seems, has never been recorded. The stem or branches always produce, at the dis-