

CONTRIBUTIONS FROM THE HERBARIUM OF THE
GEOLOGICAL SURVEY.

BY JAMES M. MACOUN.

SPERGULA SATIVA, Bœnn.

Common on Vancouver Island and the only species collected there. Collected by Prof. John Macoun at Victoria in 1908, No. 78,504 and Ucluelet, No. 78,505, in 1909; Klondike River, Yukon, No. 58,406. The specimens collected at Victoria in 1885 by Dr. Fletcher and recorded under *S. arvensis*, Macoun, Cat. Can. Plants I, 499, are this species. In *Rhodora*, Vol. VII, p. 151, Dr. Fernald writing of this species credits Dr. Fletcher with having collected it at Ottawa in July, 1892, distributed as *S. arvensis*, and in the last edition of Gray's Manual it is credited to Ontario. While it is possible that Dr. Fletcher collected *S. sativa* at Ottawa none of the specimens from Ottawa in the herbaria of the Central Experimental Farm or of the Geological Survey are this species, and it is more than probable that in distributing specimens Dr. Fletcher mixed those collected on the Pacific Coast with those collected at Ottawa, the former being *S. sativa*, the latter *S. arvensis*.

LYCHNIS CORONARIA, Desv.

Common in the streets of Nanaimo, Vancouver Island in July, 1908, Herb. No. 78,534. (*John Macoun*). Probably a recent introduction as it was not seen at Nanaimo in 1887 or 1893 by Prof. Macoun, and is not recorded elsewhere in Canada though found in several places in Washington and the Eastern States.

ROSA ALCEA, Greene, Leaflets II: 63.

Collected at Moose Jaw, Sask., in 1892 by Wm. Spreadborough and until recently in our herbarium without a name. Will probably be found in other localities in the dry prairie region. "Calyx-tube with not a few stout sharp spreading spines, but sepals quite densely glandular-prickly; corolla large, the petals obcordate."

HIBISCUS OPULIFOLIUS, Greene, Leaflets II: 65.

H. Moscheutos, Macoun, Cat. Can. Pl. I: 87.

This fine *Hibiscus* recently described by Dr. Greene and represented in our herbarium by specimens collected by Prof. John Macoun at Point Pelee, Lake Erie, in 1882, and at Leamington, Ont., in 1892, is probably to be found in suitable situations from Point Pelee west to Windsor, Ont., as *H. Moscheutos* has been recorded from the Detroit River.