the newly introduced and pernicious weeds of the prairie province, Ball Mustard, *Neslia paniculata* and Tumble Mustard, *Tisymbrium altissimum*, *L.* (= *S. Sinapiotrum*, Crantz). In the west owing to the severity of the winter both of these plants are true annuals the seeds germinating in spring and ripening their seeds the same season.

Mr. W. T. Macoun, who is in charge of the work being carried on at the Experimental Farm with introduced ornamental shrubs and trees, reports that, notwithstanding the past unfavorable winter at Ottawa, which began with a long period of very cold weather without any snow on the ground until January 20th and which on the whole has been more disastrous than for some years there was not, however, as great a loss among the trees and shrubs in the Arboretum, Botanic Garden and ornamental grounds at the Experimental Farm, as was at first supposed, many varieties having recovered to a large extent; and at the present date, June 9th, most are looking well. The show of bloom on most of the shrubs has been better so far than it was last year. In the early part of May the trees and shrubs were about a week earlier in blooming than last year, and vegetation is now from two to four days earlier.

J. F.

REVIEWS OF RECENT GEOLOGICAL AND PHYSICAL WORKS.

MCGILL, ANTHONY, B.A., B. Sc.,—"Viscosity in Liquids and instruments for its measurement. Trans. Roy. Soc. of Canada, (new series), Vol. I :ect. III 1895-1896, pp. 97-103, Montreal, 1895.

Separates of this paper were distributed by the author in advance of the volume just issued, June, 1896. The paper is illustrated with diagrams and figures.

H. M. A.