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## DATA ON SEED MATURITY OF SOME ONTARIO PLANTS.

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During the seasons from 1909 to 1914, the writer collected extensively the seeds of many native and naturalized plants, in the vicinity of Galt, Ont., for the Seed Branch at Ottawa.

While our standard works on botany usually give the month of flowering of most plants, and many published lists of local floras give exact dates of flowering, very little has been published as to the time of the maturing of the seed.

Having accumulated considerable data on this point, the list published here may prove of some value; the dates given for flowering are when the plants are well into bloom, and in early flowering plants this may vary considerably in different years, according to weather conditions in spring. The dates given for seed maturing are when seed was collected, and where plants ripen and shed their seed during a short period, as in *Claytonia*, the dates can be taken to represent fairly well the fruiting season. In some few instances where the seed is persistent after maturity, as in *Rumex*, the date of collecting may be some little time after maturity, and, therefore, not so accurate. Again, the dates of flowering and of seed maturity in many cases were not taken during the same year, but, as before mentioned, except in early flowering species the time of flowering from year to year is fairly constant:—

NAME	Time of Flowering	Seed Mature
SPARGANIUM DIVERSIFOLIUM Graebner.....	Jul 15	Sep 23
SCHEUCHZERIA PALUSTRIS L.....	Jun 8	Sep 4
SAGITTARIA ARIFOLIA Nutt.....	Jul 27	Sep 9
ALISMA PLANTAGO-AQUATICA L.....	Aug 14	Sep 7
ANDROPOGON SCOPARIUS Michx.....	Aug 7	Sep 17