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## Some Phenological Records of Spring Flowering Plants of Henry County

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## SOME PHENOLOGICAL RECORDS OF SPRING FLOWERING PLANTS OF HENRY COUNTY.

H. E. JAQUES.

For four years, a record has been kept of the date of the first flower to be found growing in open ground out of doors, of our native and introduced plants of Henry county. In practice nearly all of the specimens have come from in and around Mount Pleasant. Much of the collecting has been done by students in the college classes, the number employed each year ranging from fifteen to forty.

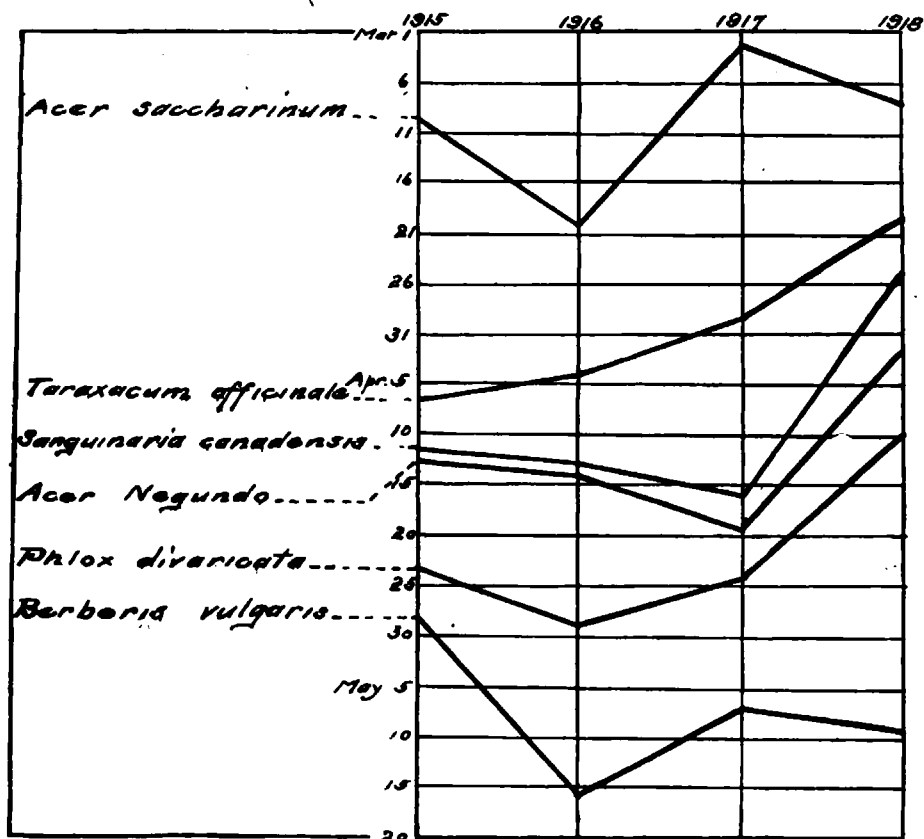


Figure 162

The plan followed has created such keen rivalry among the collectors that the dates represent the earliest appearance of flowers. The dissemination of pollen has been the test of the flowering stage in cases of doubt. The number of species reported up to June 1 have averaged about 240.

The accompanying table shows the date for each of the four years on which the first flower of a number of representative plants was collected. A comparison of the four springs in terms of plant development may more readily be had from the graph. It is interesting that while the spring of 1918 did not start off as early as the spring of 1917, it soon became earlier and was the earliest of the four years studied until about the middle of April when the few weeks cold weather caused it to become relatively later.

If opportunity is afforded, the writer hopes to continue the record for several years, which will make possible a more complete and more accurate study.

PHENOLOGICAL NOTES

SCIENTIFIC NAME	COMMON NAME	1915	1916	1917	1918
<i>Galanthus nivalis</i>	Snow Drop	March	9 March	11 Feb.	26 March
<i>Acer saccharinum</i> L.	White Maple	March	9 March	20 March	8 March
<i>Populus tremuloides</i> Michx.	American Aspen	April	6 April	4 March	3 March
<i>Ulmus americana</i> L.	White Elm	April	6 April	4 March	7 March
<i>Trillium nivale</i> Riddell	Dwarf White Wake Robin	April	7 April	4 March	26 March
<i>Taraxacum officinale</i> Weber	Common Dandelion	April	7 April	4 March	29 March
<i>Hepatica triloba</i> Chaix	Liverleaf	April	11 April	4 March	20 March
<i>Capsella Bursa-pastoris</i> (L.) Medic.	Shepherd's Purse	April	7 April	4 April	10 March
<i>Dicentra Cucullaria</i> (L.) Bernh.	Dutchman's Breeches	April	12 April	5 April	10 April
<i>Anemone thalictroides</i> (L.) Spach	Rue Anemone	April	11 April	2 April	1 April
<i>Sanguinaria canadensis</i> L.	Bloodroot	April	12 April	16 April	2 April
<i>Populus deltoides</i> Marsh.	Cottonwood	April	14 April	13 April	16 March
<i>Claytonia virginica</i> L.	Spring Beauty	April	16 April	18 April	13 April
<i>Acer Negundo</i> L.	Box Elder	April	13 April	15 April	12 April
<i>Fragaria</i> sp.	Strawberry	April	17 April	14 April	19 April
<i>Amelanchier canadensis</i> (L.) Medic.	Service Berry	April	19 April	15 April	26 April
<i>Ranunculus abortivus</i> L.	Small Flowered Crowfoot	April	20 April	18 April	21 April
<i>Erythronium albidum</i> Nutt.	White Dog's-tooth Violet	April	19 April	19 April	20 April
<i>Phlox divaricata</i> L.	Blue Phlox	April	23 April	18 April	21 April
<i>Berberis Vulgaris</i> L.	Common Barberry	April	28 May	28 April	23 April
				16 May	7 May

DEPARTMENT OF BIOLOGY  
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