

1918

## 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.

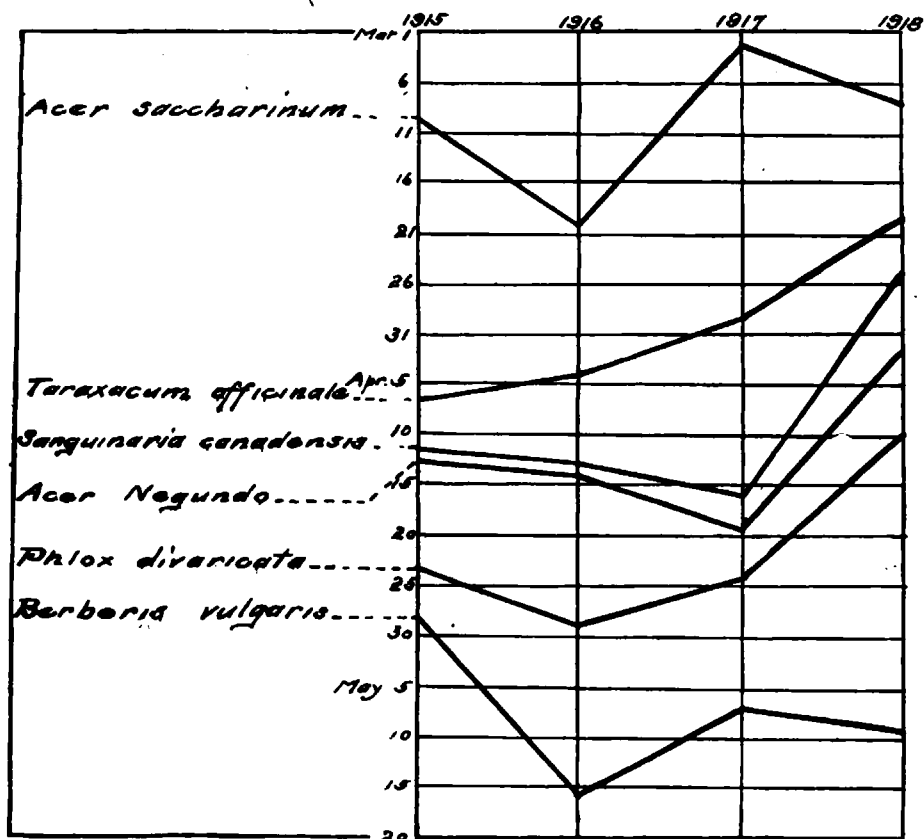


Figure 162

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	3 March
<i>Populus tremuloides</i> Michx. ....	American Aspen .....	April	6 April	4 March	5 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	2 April
<i>Sanguinaria canadensis</i> L. ....	Bloodroot .....	April	12 April	16 April	16 March
<i>Populus deltoides</i> Marsh. ....	Cottonwood .....	April	14 April	13 April	13 April
<i>Claytonia virginica</i> L. ....	Spring Beauty .....	April	16 April	15 April	12 April
<i>Acer Negundo</i> L. ....	Box Elder .....	April	13 April	14 April	19 April
<i>Fragaria</i> sp. ....	Strawberry .....	April	17 April	15 April	26 April
<i>Amelanchier canadensis</i> (L.) Medic. ....	Service Berry .....	April	19 April	18 April	21 April
<i>Ranunculus abortivus</i> L. ....	Small Flowered Crowfoot .....	April	20 April	19 April	20 April
<i>Erythronium albidum</i> Nutt. ....	White Dog's-tooth Violet .....	April	19 April	18 April	21 April
<i>Phlox divaricata</i> L. ....	Blue Phlox .....	April	23 April	28 April	23 April
<i>Berberis Vulgaris</i> L. ....	Common Barberry .....	April	28 May	16 May	7 May

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