

Review (Vol. 29, No. 7) include records by R. H. Mulvey of Boleodorus thylactus Thorne, 1941, from clover soil, Blackwell, Ont., and Tripyla affinis de Man, 1880, from near a drainage ditch, Blackwell, Ont. In the same publication the writer has recorded Aporcelaimus americanus Thorne & Swanger, 1936, from tobacco soil Harrow, Ont.; A. vorax Thorne & Swanger, 1936, from apple orchard soil, Kentville, N. S.; Dorylaimus bastiani Buetschli, 1873, from meadow soil, Little York, P. E. I.; Dorylaimus intermedius de Man, 1880, from oat soil, Little York, P. E. I.; Mononchus (Mononchus) papillatus (Bastian, 1865) Cobb, 1916, from meadow soil, northeast of Norton, N. B.; and Xiphinema americanum Cobb, 1913, from lawn soil and from lakeshore sod, Sunnydale, Ogden Co., Que. It will be noted that this list includes some important species of predacious nematodes.

#### Phenological Data - 1951

Records for the 1951 season were made by B. Peturson at Winnipeg, R. C. Russell at Saskatoon and S. G. Fushtey at Edmonton. Native plants at all three places flowered fairly close to the normal date throughout most of the season except for a distinct lag at the beginning of the season at Saskatoon and Edmonton.

Wheat was sown very late at Winnipeg and Saskatoon but on about the usual date at Edmonton. At Winnipeg wheat developed and ripened so rapidly that it was mature at about the average date. At Saskatoon and Edmonton ripening was held up by cool, rainy weather and the crop was about two weeks late in maturing at both places (R. C. Russell).

Anthesis dates at London, Ont., (no previous records) were as follows:-

Acer saccharinum	30/3	Pinus sylvestris	21/5
Ulmus americana	14/4	Juglans nigra	26/5
Acer negundo	30/4	Catalpa speciosa	23/6
Quercus rubra	17/5	Tilia americana	5/7

(W. H. Minshall)

Anthesis dates at Ottawa, with number of days departure from average, for 8 plants from the main list were as follows:-

Populus tremuloides	20/4	3L	Anemone canadensis	26/5	10E
Acer negundo	1/5	2L	Bromus inermis	18/6	1E
Prunus pensylvanica	9/5	6E	Phleum pratense	24/6	1E
Smilacina stellata	22/5	2L	Solidago canadensis	3/7	2L

Anthesis dates for marker plants at Ottawa, with the number of days departure from average, were as follows:-

<i>Acer saccharinum</i>	7/4	5E	<i>Carya cordiformis</i>	9/6	5E
<i>Ulmus americana</i>	26/4	N	<i>Tilia americana</i>	8/7	2L
* <i>Acer saccharum</i>	--		<i>Hamamelis virginiana</i>	24/9	2E
<i>Pinus sylvestris</i>	24/5	5E			

\* The marker plant did not flower in 1951 (I. J. Bassett).

SUMMARY OF PHENOLOGICAL DATA TAKEN AT  
WINNIPEG, SASKATOON, and EDMONTON, in 1951

<u>Species</u>	<u>Winnipeg</u>		<u>Saskatoon</u>		<u>Edmonton</u>	
<i>Pulsatilla ludoviciana</i>	--	--	24/4	6 L	--	--
<i>Populus tremuloides</i>	28/4	2 L	28/4	4 L	4/5	9 L
<i>Phlox hoodii</i>	--	--	4/5	7 L	--	--
<i>Salix petiolaris</i>	--	--	5/5	N	--	--
<i>Acer negundo</i>	6/5	1 E	6/5	1 E	5/5	3 L
<i>Betula papyrifera</i>	--	--	12/5	2 L	8/5	1 E
<i>Thermopsis rhombifolia</i>	--	--	14/5	3 L	--	--
<i>Prunus americana</i>	14/5	N	--	--	--	--
<i>Amelanchier alnifolia</i>	16/5	1 E	12/5	2 E	16/5	N
<i>Viola rugulosa</i>	--	--	19/5	2 E	19/5	2 E
<i>Prunus pensylvanica</i>	--	--	17/5	3 E	16/5	5 E
<i>Smilacina stellata</i>	--	--	21/5	3 E	1/6	4 L
<i>Prunus sp. (chokecherry)</i>	24/5	1 E	22/5	5 E	30/5	3 L
<i>Crataegus sp. (hawthorn)</i>	22/5	1 E	26/5	2 E	29/5	2 E
<i>Cornus sp. (dogwood)</i>	--	--	26/5	4 E	1/6	N
<i>Viburnum lentago</i>	29/5	6 E	--	--	--	--
<i>Eleagnus commutata</i>	--	--	8/6	4 L	6/6	1 L
<i>Lonicera glaucescens</i>	--	--	12/6	4 L	11/6	3 L
<i>Viburnum pubescens</i>	9/6	1 E	--	--	--	--
<i>Achillea lanulosa</i>	--	--	10/6	N	29/6	3 L
<i>Diholcos bisulcatus</i>	--	--	13/6	3 L	--	--
<i>Anemone canadensis</i>	--	--	13/6	3 L	29/6	4 L
<i>Galium boreale</i>	--	--	23/6	9 L	20/6	1 L
<i>Rosa sp. (prairie rose)</i>	--	--	25/6	6 L	--	--
<i>Bromus inermis</i>	20/6	1 E	22/6	2 E	2/7	4 L
<i>Gaillardia aristata</i>	--	--	23/6	1 E	--	--
<i>Spiraea alba</i>	--	--	30/6	1 E	--	--
<i>Campanula petiolata</i>	--	--	4/7	9 L	--	--
<i>Lactuca pulchella</i>	--	--	10/7	1 L	10/7	3 E
<i>Chamaenerion spicatum</i>	--	--	6/7	1 E	<del>4/7</del>	5 E
<i>Chrysopsis hirsutissima</i>	--	--	8/7	7 L	--	--
<i>Symphoricarpos occidentalis</i>	21/6	4 E	3/7	1 E	5/7	1 L
<i>Psoralidium argophyllum</i>	--	--	9/7	2 E	--	--
<i>Phleum pratense</i>	--	--	--	--	5/7	2 E
<i>Agastache anethiodora</i>	--	--	--	--	10/7	1 E
<i>Cirsium sp. (bull thistle)</i>	--	--	22/7	7 L	--	--
<i>Solidago canadensis</i>	17/7	?	--	--	20/7	2 L
<i>Grindelia perennis</i>	--	--	26/7	2 L	--	--
<i>Oligoneuron canescens</i>	--	--	28/7	2 L	--	--
<i>Aster laevis</i>	--	--	28/7	2 E	--	--
Wheat - sown	11/5	13 L	12/5	15 L	1/5	1 L
emerged	--	--	23/5	11 L	11/5	1 L
headed	29/6	1 E	12/7	11 L	28/6	3 E
ripe	7/8	2 E	22/8	17 L	29/8	14 L