

Probably because of their large size, specimens of mermithids and of gordians arouse the interest of collectors and are sent in to the Ottawa laboratory from time to time. Species of mermithids were received in 1952 from a number of localities in Ontario and from one in Nova Scotia. Gordians were received from Ontario and Quebec.

Phenological Data - 1952

The spring of 1952 was extremely early at Winnipeg and moderately early at Saskatoon and Edmonton. Toward the end of the growing season, some of the summer flowers bloomed at about the normal time, but the majority came into bloom somewhat early.

The development of the wheat recorded in the accompanying table was influenced by the time it was sown. At Winnipeg it was early throughout the growing season. At Saskatoon it was sown and matured a little late. At Edmonton it was sown rather early and emerged early but cool weather toward the end of the season appeared to delay its maturity (R. C. Russell).

Anthesis dates at Ottawa, with number of days departure from average, were as follows. Marker plants are shown by an asterisk.

*Acer saccharinum	12/4	1L	Bromus inermis	16/6	2E
Populus tremuloides	18/4	2L	Sambucus nigra	18/6	1L
*Ulmus americana	21/4	4E	Rhus typhina	21/6	3E
*Acer negundo	27/4	1E	Catalpa speciosa	4/7	6L
*Acer saccharum	8/5	N	Phleum pratense	24/6	N
Prunus pensylvanica	8/5	5E	*Tilia americana	6/7	1L
Smilacina stellata	26/5	7L	Cephalanthus occidentalis	16/7	3E
*Pinus sylvestris	27/5	1E	Solidago canadensis	28/7	3E
Anemone canadensis	4/6	1L	Cassia hebecarpa	13/8	14L
*Carya cordiformis	8/6	5E	*Hamamelis virginiana	19/9	6E

(I. J. Bassett)

SUMMARY OF PHENOLOGICAL DATA TAKEN AT
WINNIPEG, SASKATOON, AND EDMONTON, IN 1952

<u>Species</u>	<u>Winnipeg</u>		<u>Saskatoon</u>		<u>Edmonton</u>	
<i>Pulsatilla ludoviciana</i>	15/4	6L	15/4	3E	22/4	?
<i>Populus tremuloides</i>	15/4	10E	18/4	6E	22/4	3E
<i>Corylus americana</i>	15/4	?	---	--	---	--
<i>Phlox hoodii</i>	---	--	25/4	2E	---	--
<i>Salix petiolaris</i>	---	--	24/4	9E	25/4	?
<i>Acer negundo</i>	21/4	15E	24/4	12E	25/4	7E
<i>Betula papyrifera</i>	---	--	27/4	12E	1/5	7E
<i>Thermopsis rhombifolia</i>	---	--	27/4	13E	---	--
<i>Amelanchier alnifolia</i>	28/4	18E	28/4	15E	7/5	8E
<i>Prunus americana</i>	26/4	17E	---	--	---	--
<i>Prunus pennsylvanica</i>	---	--	30/4	18E	10/5	7E
<i>Viola rugulosa</i>	---	--	10/5	11E	19/5	2E
<i>Smilacina stellata</i>	---	--	14/5	9E	22/5	5E
<i>Prunus melanocarpa</i>	3/5	20E	13/5	13E	19/5	8E
<i>Crataegus</i> sp. (hawthorn)	1/5	21E	12/5	15E	22/5	8E
<i>Viburnum lentago</i>	13/5	20E	---	--	---	--
<i>Cornus</i> sp. (dogwood)	---	--	14/5	15E	26/5	6E
<i>Elaeagnus commutata</i>	---	--	20/5	14E	26/5	9E
<i>Lonicera glaucescens</i>	---	--	25/5	13E	22/5	16E
<i>Viburnum pubescens</i>	23/5	17E	---	--	---	--
<i>Viburnum trilobum</i>	18/5	21E	---	--	---	--
<i>Achillea lanulosa</i>	---	--	2/6	7E	24/6	2E
<i>Anemone canadensis</i>	24/5	13E	16/6	6L	24/6	1E
<i>Maianthemum canadense</i>	---	--	---	--	2/6	?
<i>Diholcos bisulcatus</i>	---	--	29/5	13E	---	--
<i>Galium boreale</i>	---	--	3/6	10E	19/6	N
<i>Rosa alcea</i>	---	--	11/6	8E	---	--
<i>Bromus inermis</i>	12/6	8E	22/6	2E	18/6	9E
<i>Chrysopsis</i> sp. (golden aster)	---	--	18/6	12E	---	--
<i>Spiraea alba</i>	---	--	7/7	6L	---	--
<i>Symphoricarpos occidentalis</i>	17/6	7E	10/7	6L	4/7	N
<i>Phleum pratense</i>	---	--	---	--	4/7	3E
<i>Lactuca pulchella</i>	---	--	27/6	11E	---	--
<i>Chamaenerion spicatum</i>	---	--	27/6	7E	5/7	4E
<i>Agastache anethiodora</i>	---	--	---	--	15/7	4L
<i>Solidago canadensis</i>	---	--	---	--	22/7	3L
<i>Grindelia perennis</i>	---	--	13/7	10E	---	--
<i>Aster conspicuus</i>	---	--	---	--	22/7	?
<i>Oligoneuron canescens</i>	---	--	18/7	8E	---	--
<i>Aster laevis</i>	---	--	19/7	11E	1/8	1L
Wheat-sown	15/4	11E	2/5	4L	23/4	6E
emerged	---	--	15/5	4L	4/5	6E
headed	14/6	13E	1/7	N	---	--
ripe	23/7	13E	14/8	5L	28/8	12L