# Alberta Plantwatch Data Sheet: select from 26 species

Observer’s Name(s) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Observation Year \_\_\_\_\_\_\_\_

Mailing Address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Town/ City \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Postal Code \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone No. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Fax No. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

E-mail Address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Location of observations:**

If some flowering dates are from different locations, **please note which dates** and describe these locations too. *Decimal latitude/ longitude is preferred (e.g. latitude 51.1012 N, and longitude -114.1025 W )*

Latitude \_\_\_\_\_\_\_\_\_\_\_\_\_\_ o N , Longitude \_\_\_\_\_\_\_\_\_\_\_\_\_\_ o W

***OR*** ¼ Sec \_\_\_\_\_\_\_, Section \_\_\_\_\_\_\_, Township \_\_\_\_\_\_\_\_ , Range \_\_\_\_\_\_\_\_, W of Meridian \_\_\_\_\_\_\_\_\_,

**Location details**: Nearest town/ city and roads \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Elevation (metres) \_\_\_\_\_\_\_\_\_\_\_ (***Balsam poplar****. Please use same definition of first bloom, mid bloom,*

*and leafout as for Aspen poplar*)

You can report bloom and leafing dates on page 2 of this sheet. See the Canada PlantWatch (part of NatureWatch) website at [www.plantwatch.ca](C:\\Users\\ebeaubie\\Documents\\10. Plantwatch programs and data\\1. Alberta\\1. communication with observers\\1. communication with observers\\mailout general items\\data sheets\\current\\www.plantwatch.ca) for information on how to track blooming and leaf-out, and if you prefer, to report your dates. The Alberta PlantWatch website ([plantwatch.naturealberta.ca](http://plantwatch.naturealberta.ca)) offers resources including abundant photos. Even recording ***one date******for******one plant species*** is useful.

**Thank you for your contribution!** Please mail this data sheet by September 15 to:

**Dr. E. Beaubien, Alberta PlantWatch Coordinator:** Elisabeth Beaubien

**Dept. of Renewable Resources Telephone:** (780) *492-2540*

**751 General Services Bldg.**

**University of Alberta E-mail**: e.beaubien@ualberta.ca

**Edmonton AB, T6G 2H1**

**Comments on the season: weather, plants, insects, etc.**

(please add a separate piece of paper if needed)

## Species Flowering Dates Environmental Details, Leaf-out Dates

|  |  |  |  |
| --- | --- | --- | --- |
| *(please record dates for one or more species)* | First bloom | Mid Bloom | **Please add number codes (below)**  Example: 1, 5-SE, 7, 9, 12 |
| **Aspen Poplar** Populus tremuloides |  |  | **Leaf-out date:** |
| **Prairie Crocus** Anemone patens |  |  |  |
| **Balsam Poplar**  *Populus balsamifera* |  |  | **Leaf-out date:** |
| **Bearberry (Kinnikinnick)** Arctostaphylos uva-ursi |  |  |  |
| **Larch (Tamarack)** Larix laricina |  |  | **Leaf-out date:** |
| **Dandelion, Common** Taraxacum officinale |  |  |  |
| Paper Birch  *Betula papyrifera / neoalaskana* |  |  | **Leaf-out date:** |
| **Early Blue Violet** Viola adunca |  |  |  |
| **Lodgepole Pine**  *Pinus contorta* |  |  |  |
| **Golden Bean** Thermopsis rhombifolia |  |  |  |
| **Wild Strawberry** Fragaria virginiana/vesca |  |  |  |
| **Saskatoon** Amelanchier alnifolia |  |  |  |
| **Star-flowered Solomon’s Seal** Maianthemum/ Smilacina stellatum |  |  |  |
| **Choke Cherry** Prunus virginiana |  |  |  |
| **Wolf Willow** Elaeagnus commutata |  |  |  |
| **Common Purple Lilac** Syringa vulgaris |  |  | **Leaf-out date:** |
| Starflower  *Trientalis borealis* |  |  |  |
| Lingonberry, Cranberry  *Vaccinium vitis-idaea* |  |  |  |
| Cloudberry  *Rubus chamaemorus* |  |  |  |
| **Bunchberry**  *Cornus canadensis* |  |  |  |
| **Northern Bedstraw** Galium boreale |  |  |  |
| **Twinflower**  *Linnaea borealis* |  |  |  |
| **Labrador Tea** (Ledum or Rhododendron groenlandicum) |  |  |  |
| **Common Yarrow** Achillea millefolium |  |  |  |
| **Purple Saxifrage**  *Saxifraga oppositifolia* |  |  |  |
| **White Dryad** Dryas integrifolia/ octopetala |  |  |  |

**Please use these codes for recording information under ‘Environmental Details’**

###### Exposure Slope Plant Location Weather:

1 – sunny open 4 – flat area 7 – away from buildings, **Week before blooming starts**

2 – half sun / shade 5 – gentle slope, faces**\*** obstacles 9 – hotter than average

3 – full shade 6 – steep slope, faces**\*** 8 – within 10 metres of wall; 10 – colder than average

wall faces **\***  11 – average temperatures

**\*** please add one of the following: 12 – dry

**E, NE, N, NW, W, SW, S, SE**, where E=East, NE-Northeast, etc. 13 – rainy