*Date of study*

January - April 2015

Date of Public Archiving: **21 January 2019** *Leaf and flower phenology of 28 woody plant species collected from Harvard Forest, and Saint-Hippolyte, Quebec 2015* at <http://harvardforest.fas.harvard.edu:8080/exist/apps/datasets/showData.html?id=hf314>

It also has a DOI -- doi:10.6073/pasta/d41d891365b84725affa41eb8bf6ee09 -- through the <https://environmentaldatainitiative.org/>

Last modified: 21 November 2019 (1 Dec 2024: Lizzie made a Google Drive comment below)

*Goal*

Study interactions of temperature, photoperiod, chilling, and latitude of origin on budburst of 28 woody species.

*Contributors*

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*General Files*

|  |  |  |
| --- | --- | --- |
| **File** | **Where** | **What** |
| [Budburst Protocol and Log](https://docs.google.com/document/d/1X-hmC38uE0ljzMhmwK3eiTOfuYX_3Xipt83ByFw3mRU/edit) | [Google Drive](https://docs.google.com/document/d/1X-hmC38uE0ljzMhmwK3eiTOfuYX_3Xipt83ByFw3mRU/edit) -- Update 1 Dec 2024: this linked file is called ‘Budburst Protocols and Log’ and Lizzie is keeping a copy (Budburst Protocols and Log.pdf) on her computer. | Overview of experiment, design, and daily logs of what was done |

*Data and Code*

**Github** <https://github.com/lizzieinvancouver/buds>

**W: drive** WeldShare > Wolkovich Lab > Budburst Experiment 2015

|  |  |  |
| --- | --- | --- |
| **File** | **Where** | **What** |
| [Budburst Datasheet 2015-05-15.xlsx](https://github.com/lizzieinvancouver/buds/blob/master/analyses/data/Budburst%20Datasheet%202015-05-15.xlsx) | [Github](https://github.com/lizzieinvancouver/buds/tree/master/data): analyses/data | Final data sheet from observations in chambers |
| [Species General Info.csv](https://github.com/lizzieinvancouver/buds/blob/master/analyses/data/Species%20General%20Info.csv) | [Github](https://github.com/lizzieinvancouver/buds/tree/master/data): analyses/data | Full species names, synonymy, and wood anatomy traits |
| [Budburst By Day.csv](https://github.com/lizzieinvancouver/buds/tree/master/analyses/input) | [Github](https://github.com/lizzieinvancouver/buds/tree/master/analyses/data): analyses/input | Processed data file with number of days until stage 6, leafout, for each cutting |
| [Budburst Data 2015-10-28](https://github.com/lizzieinvancouver/buds/blob/master/analyses/input/Budburst%20Data%202015-10-28).RData | [Github](https://github.com/lizzieinvancouver/buds/tree/master/analyses/input): analyses/input | Compiled Rdata file with two data frames:  d: raw data observations  dx: leafout by day |
| Code | [Github](https://github.com/lizzieinvancouver/buds/tree/master/analyses): analyses | All R and Stan code  Note that the main files used in Flynn & Wolkovich 2018 are:  Pheno Budburst analysis.R  Pheno Budburst analysis plus.R  Additional Plots and Processing.R (see also the READMEanalyses.txt) |
| Code: Notes on the analyses files | [Github: \_READMEanalyses.txt](https://github.com/lizzieinvancouver/buds/blob/master/analyses/_READMEanalyses.txt) | Code: Notes on the analyses files |
| BBCH guide | [KNB](https://knb.ecoinformatics.org/#view/doi:10.5063/F1M906MP) | Photographic guide (Also, a note on the BBCH scale we used: We used a numeric form that is converted in this file: Budburst Datasheet 2015-05-15.xlsx/BBCHscale tab. You call also find it in Budburst Chill Datasheet 2016-01-04.xlsx or most other of the datasheets here.) |

\* Note: As of 12 March 2018 Lizzie checked and there were no critical documents or information on Teamwork remaining, so I deleted a previous reference to this.