

## Flowering Time of Israeli Plants database

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This database includes data of flowering time collected at the [wildflowers.co.il](http://wildflowers.co.il) website from March 21<sup>st</sup>,2009 to December 28<sup>th</sup>,2024. The data were submitted by botany enthusiasts who were travelling to see flowers in bloom. There are 39,793 data each including the date, its Julian Day, the site where the flowers were seen and the plant name. All the reports were in Hebrew.

The sites were spread all over the country from the Hermon Mt. at north to Eilat at the south including terrestrial and aquatic habitats. The country was divided into regions as shown in the attached map. English and Hebrew names of the regions are listed. The dates are in the dd/mm/yyyy format. The sites' names were not translated into English but those which were from various botanic gardens were noted in a special column. Both scientific and Hebrew names of the plants were listed.

There are data for 2530 species from 830 genera of Gymnosperms and Angiosperms. Ferns that appeared in the original reports were deleted from the final database, because their exact season of reproduction is not easily determined. Reports of grasses (Poaceae, Cyperaceae, Typhaceae) may also not designate their exact time of anthesis but rather refer to presence of spikes which is much longer than their actual "flowering" time.

All the data are in a single Excell sheet which is open for viewing.

In any publication based on analysis of these data by themselves or in conjunction with data from other sources, please include a reference to this database.

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Division of the country into regions that are listed in the database.  
This map does not reflect any political or municipal demarcations.

