

# POLLEN CONCENTRATION DATA SET FOR BLACK LOCUST (*ROBINIA PSEUDOACACIA*) AND TREE OF HEAVEN (*AILANTHUS ALTISSIMA*) IN 2018

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Pollen concentrations of black locust and tree of heaven were analyzed in air samples collected with a 7-day Hirst-type (Burkard) pollen trap placed at a height of 14 m in Kecskemét city, Hungary in 2018. The pollen season was defined as the day on which the sum of the daily average pollen concentration reaches 1% of the total amount and the end of the season was defined when it reaches 99%.

The flowering of the black locust in 2018 began on the 121<sup>st</sup> days of the year and the pollen season lasted 15 days. A total of 86 *R. pseudoacacia* pollen grains were detected this year. Most pollen grains were counted on 5 May (21 pollen/m<sup>3</sup>).

In 2018, flowering of the tree of heaven began on the 138<sup>th</sup> days of the year and the pollen season lasted 37 days. A total of 130 *A. altissima* pollen grains were detected this year. Most pollen grains were counted on 22 May (21 pollen/m<sup>3</sup>).

Pollen concentrations of *Robinia pseudoacacia* and *Ailanthus altissima* were very low this year.