

POLLEN CONCENTRATION DATA SET FOR *AILANTHUS ALTISSIMA* IN 2019-2020, IN HUNGARY

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Nowadays, there is an increasing emphasis on the problem of invasive species. In areas where the tree of heaven (*Ailanthus altissima*) appears and multiplies, the original vegetation degrades and transforms. The tree of heaven is of great importance in urban environments, where it causes building damage, static problems and endangers utilities. In addition, it is worth mentioning that the pollen of *Ailanthus altissima* is allergenic, although less important than ragweed pollen. The pollen concentration of the tree of heaven was measured in six counties of the Great Plain region (Jász-Nagykun-Szolnok county, Hajdú-Bihar county, Szabolcs-Szatmár-Bereg county, Bács-Kiskun county, Csongrád-Csanád county, Békés county) with the 7-day Hirst-type (Burkard) pollen trap. The highest annual total pollen count was detected in 2020 in Szabolcs-Szatmár-Bereg county (968 pieces). Our work draws attention to the differences in the distribution of the tree of heaven in the Great Plain region, based on which it can be seen that there can be many differences between the cities in terms of the total annual pollen count.