

**PRELIMINARY RESULTS OF BRYOFLORESTICAL INVESTIGATIONS IN
BALATON VILLAGE (NE-HUNGARY)**

Balaton község mohaflorestikai vizsgálatának kezdeti eredményei

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During the last decades, the bryophyte flora of several European settlements have been studied, but these bryoflorestical and ecological investigations carried out in inhabited areas usually focus on the urban areas of large cities.

There are only a few publications on the bryophytes of the inhabited areas of Hungary and these works focus only on the documentation of floristic data.

The main objective of the present project is the presentation of the bryophyte flora and diversity of the village of Balaton.

The village occupies an area of 13.2 km² and is located in northeastern Hungary, in the so called Heves (Ózd-Egercsehi Basin) region, on the bank of the Eger stream and has about 1000 inhabitants. The settlement lies at 290 – 320 m a.s.l. (above sea level).

The field work was started in September of 2017. Random sampling was performed in different habitats and microhabitats within the administrative borders of the village including the family house, traffic, sport, garden, watercourse, cemetery and forest areas.

The bryophyte flora of Balaton is similar to that of nearby Middle European settlements, which was primarily explained by the presence of common and frequent species (e.g. *Ceratodon purpureus*, *Grimmia pulvinata*, *Barbula unguiculata*, *Hypnum cupressiforme*), characteristic of urban environments.

Work of Dominika Zsólyom was supported by the ÚNKP-17-1 New National Excellence Program of the Ministry of Human Capacities.