

# CURRICULUM VITAE RESEARCH FELLOW



**Vargáné Dr Berezki Krisztina**

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## Professional Profile

My main research focus is the biological control of forest and agricultural pests by natural enemies, and the investigation of local- and landscape-scale factors influencing this process. Currently, I am involved in a long-term, large-scale ecological research program aiming to establish and maintain wildflower strips in agricultural landscapes to support pollinating insects. My research examines the long-term vegetation dynamics of these wildflower strips, with particular emphasis on the effects of landscape context and local habitat characteristics. Through my work, I have gained extensive experience in field data collection, ecological monitoring, statistical data analysis, and scientific publishing.

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## Employment

**2012 – present**

HUN-REN Centre for Ecological Research – Institute of Ecology and Botany  
Lendület Ecosystem Services Research Group, Vácrátót

- **2017 – present:** Research Fellow
  - **2012 – 2017:** Research Assistant
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## Projects

**2016 – 2017**

**NÖSZTÉP – National Ecosystem Services Mapping and Assessment Program**

Head of the Food Production Expert Working Group

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## Education

**2010 – 2017**

Szent István University – Doctoral School of Environmental Sciences, Gödöllő

PhD in Environmental Sciences

Dissertation title:

*The role of birds in controlling caterpillar pests in oak forests*

**2005 – 2010**

Eötvös Loránd University – Faculty of Science

MSc in Environmental Science

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## Language skills

- english – intermediate
  - german – intermediate
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## Publications

- Vári, Ágnes; Tanács, Eszter; Tormáné Kovács, Eszter; Kalóczkai, Ágnes; Arany, Ildikó; Czúcz, Bálint; Bereczki, Krisztina; Belényesi, Márta; Csákvári, Edina; Kiss, Márton et al. National Ecosystem Services Assessment in Hungary: Framework, Process and Conceptual Questions. *SUSTAINABILITY* 14 : 19 Paper: 12847 , 22 p. (2022)
- Czúcz, Bálint; Haines-Young, Roy; Kiss, Márton; Bereczki, Krisztina; Kertész, Miklós; Vári, Ágnes; Potschin-Young, Marion; Arany, Ildikó. Ecosystem service indicators along the cascade: How do assessment and mapping studies position their indicators? *ECOLOGICAL INDICATORS* 118 Paper: 106729 , 7 p. (2020)
- Czúcz, B; Arany, I ; Potschin-Young, M ; Bereczki, K ; Kertész, M ; Kiss, M ; Aszalós, R ; Haines-Young, R. Where concepts meet the real world: A systematic review of ecosystem service indicators and their classification using CICESECOSYSTEM SERVICES 29 pp. 145-157. , 13 p. (2018)
- Bereczki, Krisztina; Molnár, Dorottya ; Csóka, György; Báldi, András: Factors affecting the bird predation of low density gypsy moth egg masses in three types of hardwood forests in southwest Hungary. *BULLETIN OF INSECTOLOGY* 70 : 2 pp. 201-207. , 7 p. (2017)
- Bereczki, Krisztina; Hajdu, Katalin; Báldi, András: Effects of forest edge on pest control service provided by birds in fragmented temperate forests. *ACTA ZOOLOGICA ACADEMIAE SCIENTIARUM HUNGARICAE* 61 : 3 pp. 289-304. , 16 p. (2015)
- Bereczki, Krisztina; Ódor, Péter; Csóka, György; Mag, Zsuzsa; Báldi, András: Effects of forest heterogeneity on the efficiency of caterpillar control service provided by birds in temperate oak forests. *FOREST ECOLOGY AND MANAGEMENT* 327 pp. 96-105. , 10 p. (2014)
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