

CURRICULUM VITAE

PERSONAL DATA

Family name: Kovács-Hostyánszki
First name: Anikó
Date of birth: 22/04/1984
Place of birth: Dombóvár, Hungary
Country: Hungary
Nationality: Hungarian
Gender: Female
E-mail: kovacs.aniko@okologia.mta.hu
Mother tongue: Hungarian



EDUCATION

PhD on Environmental Sciences (Szent István University, PhD School of Environmental Sciences, Gödöllő, Hungary 2012)

MSc in Zoology (Szent István University, Faculty of Veterinary Science, Budapest, Hungary 2007)

JOBS

- Centre for Ecological Research, Institute of Ecology and Botany, Lendület Ecosystem Services Research Group (2011-), research associate professor
- Hungarian Natural History Museum (2013-2017), scientific advisor
- Georg-August University, Agroecology, Göttingen (2009.03.01-04.30.), assistant

SCIENTIFIC GRANTS, SCHOLARSHIPS

- **Young Researcher Grant of the Scientific Society of Hungarian Ecologists** (2018)
- **Bolyai János Fellowship** (2017-2020)
- **Junior Prima Award** (2014)
- **MTA Postdoctoral Fellowship** (2013-2015)
- **Bolyai János Fellowship** (2012-2015)
- **MTA Environmental Science Youth Award** (2012)
- **Hungarian Eötvös Grant:** Würzburg University (2011.10.01-2012.03.31). Host: Prof. Dr. Ingolf Steffan-Dewenter
Subject: scientific research, data analyses
- **DAAD Fellowship:** Agroecology Department, Georg-August University, Göttingen (01/05-01/10/2009). Host professor: Prof. Dr. Teja Tschardtke.
Subject: scientific research and field work
- **Internship:** two weeks at the Royal Society for Conservation of Birds (RSPB), Sandy, UK, 2007. Internship host: Dr Will Peach
- **Scholarship of the Republic of Hungary** (2006)
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LANGUAGE KNOWLEDGE

- **German**, intermediate language exam (2000)
- **English**, intermediate language exam (2007)

PROJECTS

- **FK-17: Young Researcher Fellowship** – Trait-based effects of invasive plant species on native plant and pollinator communities and their usage by beekeepers at different spatial and temporal scales (FK 123813). – project leader (2017-2021)
- **KEHOP 4.3.0.** – Strategic Assessments supporting the long term conservation of natural values of community interest as well as the national implementation of the EU Biodiversity Strategy to 2020 (KEHOP-4.3.0-15-2016-00001); workpackage leader (2016-2020)
- **IPBES** – Intergovernmental Platform on Biodiversity and Ecosystem Services, Pollination assessment, Coordinating Lead Author (2014-2016).
- **SuperB** – Sustainable pollination in Europe: joint research on bees and other pollinators (SUPER-B) – Management Committee member from Hungary (2014-).
- **EASAC Working Group „Ecosystem Services, Agriculture, Pollinators and Predators” (ESAPP)** – Working group member in an assessment of the European Academies Science Advisory Council about the effects of neonicotinoid pesticides on pollinators, natural pest control and other relevant ecosystem services (2014-2015).
- **LIBERATION EU FP7** „Linking farmland Biodiversity to Ecosystem seRvices for effective ecofunctional intensificATIOn” – Research work (2013-2017)
- **LENDÜLET** „The effects of biodiversity on ecosystem services” 2011-2016. Participation and leading of projects on pollination biology research.
- **OTKA NN - Hungarian Scientific Research Fund, International Cooperation Project** „Climate change effects on plant-arthropod interactions along a European biodiversity gradient” Project planning, scientific coordination (2012-2015).
- **BIOBIO EU FP7** „Development of appropriate indicators of the relationship between organic/low-input farming and biodiversity.” Coordination of zoological sampling (earthworms, spiders and bees) of the Hungarian case study (2009-2012).

SCIENTIFIC MEMBERSHIPS, ACTIVITIES

- Society for Conservation Biology, board member (2017-2019)
- Hungarian Biological Society, leadership committee member (2018-2020)
- Scientific Society of Hungarian Ecologists
- **Conference organising:**
 - 5th European Congress of Conservation Biology (ECCB), organising committee member, Jyvaskyla 2018
 - European Ecosystem Services 2016: symposium organiser: Science into policy and practice: implementation of pollination research findings. Antwerpen, 2016
 - Organising committee member and/or conference secretary of the 7th, 8th, 9th, 10th, 11th Hungarian Congress for Conservation Biology (2011, 2013, 2014, 2015, 2017)

- 3rd European Congress of Conservation Biology (ECCB): Threats of pollinator decline over Europe: ecological and economical perspectives; symposium organiser, Glasgow, 28.08 - 09.01. 2012.
- Symposia co-organiser of the 2nd European Congress of Conservation Biology, European Section of Society for Conservation Biology and Czech University of Life Sciences, Prague, 01-05.09.2009. submitted application
- Organising committee member of the 9th Hungarian Congress for Conservation Biology 2014
- **Co-editor of national scientific journal:** Természetvédelmi Közlemények (Annals of Conservation Biology) 2009, special issue of the 3rd Hungarian Conference of Conservation Biology. Editors: András Báldi, Béla Tóthmérész, Anikó Kovács, Zita Lerner

EDUCATION

Co-supervisor (of diploma students):

- Anita Nagy (St Andrews University, Scotland, MSc, 2017-2019)
- Áron Bihaly (Plantdoctor MSc, SZIE MKK, 2016-2019)
- Ádám Szirák (Biologist MSc, Eötvös Lóránt University, 2013): Local and landscape effects on plant-pollinator networks.
- Anna Pálffy (Biologist MSc, Szent István University, Faculty of Veterinary Science, 2011): Pollinators and pollination success along different linear landscape elements.
- Bíró Judit (Zoologist, Szent István University, Faculty of Veterinary Science, 2010): Evaluation of agricultural fields based on the density of typical farmland birds and the fitness of skylark *Alauda arvensis*.
- Zita Lerner (Biologist BSc, Szent István University, Faculty of Veterinary Science, 2009): Nest predation in different agricultural fields in the function of distance from the edge.
- Anna Pálffy (Biologist BSc, Szent István University, Faculty of Veterinary Science, 2009): Species richness and abundance of bees in the edge of cereal fields, set-aside fields and grasslands.

Supervisor:

- Boglárka Berki (Biologist MSc, ÁTE, 2017-2019)
- Márton Vörös (Biologist MSc, SZTE, 2017-2019)
- Edina Mózes (Biologist MSc, Eötvös Lóránt University, 2012-): Measuring the effects of landscape heterogeneity and agricultural management on bee communities in Transylvanian pastures and arable field.

PhD students:

- Áron Bihaly (SZIE BTDI, 2019-), co-supervisor

INVITED SPEAKER AT CONFERENCES

- **Kovács-Hostyánszki, A.**, Jordán, F., Földesi, R., Báldi, A. Kulcsfontosságú vadméh fajok vadnövény-beporzó hálózatokban, avagy az élelmiszertermelés és a biodiverzitás letéteményesei. 11. Magyar Ökológus Kongresszus, Nyíregyháza, 2018.08.28-30., plenary talk
- **Kovács-Hostyánszki, A.** IPBES assessment on Pollinators, Pollination and Food Production – values, status, trends and drivers of pollinators. BES-Net Dialogue on

Pollinators, Food Security and Rural Development, Sarajevo, 2017.10.18-20. plenary talk

- **Kovács-Hostyánszki, A.** Bee or not to be? - Importance of wild bees for well-being and the threats of land use change. INTECOL, Peking, 2017. plenary talk
- **Kovács-Hostyánszki, A.** Ecosystem service-based focus in landscape ecology and conservation biology research. VII. Magyar Tájökológiai Konferencia, Szeged, 2017. plenary talk
- **Kovács-Hostyánszki, A.,** Potts, S.G., Imperatriz Fonseca, V.L., Larigauderie, A. IPBES - thematic assessment of pollinators, pollination and food production. ICCB-ECCB, 27th ICCB – 4th ECCB, Montpellier, 2-6 August 2015.08.2-6.
- **Kovács-Hostyánszki A.** Management and landscape effects on plant, insect and bird communities on the Hungarian agricultural fields. East meets West: Transferring conservation approaches between Eastern and Western European landscapes Workshop, Göttingen, Germany, 13-15/02/2013.
- **Kovács-Hostyánszki, A.,** Báldi, A., Batáry, P. Potentials of agri-environment schemes in Hungary – what to expect in a country of extensive agriculture and high biodiversity? 3rd European Congress of Conservation Biology, Symposium about European agri-environment schemes: updating the knowledge base. Glasgow, Scotland, 28/08-01/09/2012.
- **Kovács-Hostyánszki, A.,** Báldi, A. Bees as indicators of habitat and management in extensive Hungarian farms. 12th European Ecological Federation (EEF) Congress, Avila, Spain, 25-29/09/2011.
- **Kovács, A.,** Körösi, A., Orci, K.M., Batáry, P., Báldi, A. Potentials of set-asides in promoting farmland insect and plant diversity in Hungary, Central-Europe. 24th International Congress for Conservation Biology, Edmonton, Alberta, Canada, 03-07/07/2010.

RESEARCH INTEREST

- The effects of agriculture intensification on the flora and fauna of agricultural landscape.
- Edge effect on arthropods in arable fields and grasslands.
- Set-aside management and its importance as conservation measurement at agricultural landscapes.
- The effects of agricultural management on the pollination services.
- Climate change effects on pollinators of apple trees.
- Plant-pollinator networks in agricultural ecosystems
- Effects of plant invasion on pollinator communities and pollination of wild plant species
- Beepastures