

Katalin Krenhardt

Contact -----

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Temporary address: 25 Alkotmány street, Budapest 1155

Birth place, date: Budapest, 26/9/1990

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Work experience-----

2020- **Institute of Ecology and Botany, Centre for Ecological Research (Vácrátót)**
assistant research fellow

Education -----

2016-2020 **Doctoral Programme - Doctoral School of Biology**

Faculty of Science, Eötvös Loránd University

Programme: Zootaxonomy, Animal Ecology, Hydrobiology

Topic: The evolutionary ecology of animal personality

2013-2016 **Environmental Sciences (MSc)**

Faculty of Science, Eötvös Loránd University

Specialization: Applied ecologist

Title of the thesis: How does the level of parental investment of the collared flycatcher (*Ficedula albicollis*) affect malaria infection?

2010-2013 **Environmental Sciences (BSc)**

Faculty of Science, Eötvös Loránd University

Specialization: Applied environmental researcher

Title of the thesis: Does it matter who takes the measurements? Determination of subjectivity of morphometric studies

2005-2010 **Bilingual graduation exam**

Bilingual Secondary Grammar School of Balatonalmádi

1999-2005 Györgyi Dénes Primary School, Balatonalmádi

1997-1999 Czabán Samu Primary School, Budapest

Experiences -----

- 2019** **Participation in education** (Ecology I.)
Department of Systematic Zoology and Ecology
Faculty of Science, Eötvös Loránd University
- 2016** **Analysis of the song of collared flycatcher (*Ficedula albicollis*) males**
- 2014-** **Field research** – monitoring the population of different songbirds
Cooperation between the Pilisi Parkerdő Zrt. and the Behavioural Ecology
Group of Eötvös Loránd University
Málnás Hill, Szentendre Forestry Unit
- 2014** **Participation in education** (Ecology I.)
Department of Systematic Zoology and Ecology
Faculty of Science, Eötvös Loránd University
- 2013** **Volunteering, participation in the work of the institute**
Balaton Limnological Research Institute, Tihany
- 2012** **Internship**
Active participation in the research of the fish fauna in Hungarian waters
Balaton Limnological Research Institute, Tihany

Achievements-----

- 2015** **Winning the title of ‘Excellent Student of the Faculty’**
- 2015** **National Scientific Students' Associations Conference, Pécs (OTDK)**
First Prize in the section of Behavioural Ecology
Title of the paper: The effect of parental investment on the malaria infection of the collared flycatcher (*Ficedula albicollis*)
- 2014** **Scientific Students' Associations Conference, Budapest (BTDK)**
First Prize in the section of Ecology and Nature Conservation
Title of the paper: The effect of parental investment on the malaria infection of the collared flycatcher (*Ficedula albicollis*)
- 2014** **Winning the ‘Scholarship of the Republic’ for the 2014/2015 academic year**

Research articles-----

- 2021** Katalin Krenhardt, Gábor Markó, Mónika Jablonszky, János Török, László Zsolt Garamszegi: *Sex-dependent risk-taking behaviour towards different predatory stimuli in the collared flycatcher*. Behavioural Processes, 186: 104360.
- 2020** Mónika Jablonszky, Katalin Krenhardt, Gábor Markó, Eszter Szász, Gergely Hegyi, Márton Herényi, Dóra Kötél, Miklós Laczi, Gergely Nagy, Balázs Rosivall, János Török, László Zsolt Garamszegi: *A behavioural trait displayed*

in an artificial novel environment correlates with dispersal in a wild bird.
Ethology, 00: 1-13.

- 2019** Katalin Krenhardt, Mónika Jablonszky, Gábor Markó, Eszter Szász, Sándor Zsebők: *Personality in the forest - Consistent animal behaviour – Are all of them unique?* Természet Világa, 150: 162-167.
- 2019** Eszter Szász, Mónika Jablonszky, Katalin Krenhardt, Gábor Markó, Gergely Hegyi, Márton Herényi, Miklós Laczi, Gergely Nagy, Balázs Rosivall, Eszter Szöllősi, János Török, László Zsolt Garamszegi: *Male territorial aggression and fitness in collared flycatchers: a long-term study.* Naturwissenschaften, 106: 11.
- 2018** Mónika Jablonszky, Eszter Szász, Katalin Krenhardt, Gábor Markó, Gergely Hegyi, Márton Herényi, Miklós Laczi, Gergely Nagy, Balázs Rosivall, Eszter Szöllősi, János Török, László Zsolt Garamszegi: *Unravelling the relationships between life history, behaviour and condition under the pace-of-life syndromes hypothesis using long-term data from a wild bird.* Behavioral Ecology and Sociobiology, 72: 52.
- 2016** Katalin Krenhardt, Gábor Markó, Eszter Szász, Mónika Jablonszky, Sándor Zsebők, János Török, László Zsolt Garamszegi: *A test on within-individual changes in risk-taking behaviour due to experience to predation in the Collared Flycatcher (Ficedula albicollis).* Ornis Hungarica, 24: 115-127.
- 2015** Katalin Krenhardt, Zsuzsanna Móczár, Gábor Markó: *Alternative pesticides - Possibilities and difficulties of using essential oils.* Biokultúra, 2015/4-5: 23-25.

Conferences-----

- 2020** **Oral presentation** (in Hungarian)
Katalin Krenhardt: *Sex-dependent within-individual plasticity in the risk-taking behaviour of the collared flycatcher.* – 1st Student conference, Department of Systematic Zoology and Ecology, Faculty of Science, Eötvös Loránd University
- 2018** **Oral presentation** (in Hungarian)
Katalin Krenhardt, Gábor Markó, Mónika Jablonszky, János Török, László Zsolt Garamszegi: *Context-dependent risk-taking behaviour of the collared flycatcher (Ficedula albicollis).* – 20th Conference of the Hungarian Ethological Society, Cluj-Napoca, Romania
- 2015** **Research poster** (in Hungarian)
Katalin Krenhardt, Gábor Markó, Eszter Szász, Mónika Jablonszky, Sándor Zsebők, János Török, László Zsolt Garamszegi: *The development of personality driven by individual experience in the collared flycatcher (Ficedula albicollis): former predation experience and risk-taking behaviour of males.* – 17th Conference of the Hungarian Ethological Society, Dobogókő, Hungary

- 2015** **Research poster** (in English)
Katalin Krenhardt, Eszter Szöllősi, János Török, Balázs Rosivall: *How does parental investment affect malaria infection in the collared flycatcher?* - 10th Conference of the European Ornithologist's Union, Badajoz, Spain
- 2014** **Oral presentation** (in Hungarian)
Katalin Krenhardt, Eszter Szöllősi, János Török, Balázs Rosivall: *A long-term study of the relationship between parental investment and parasitism.* - 16th Conference of the Hungarian Ethological Society, Tihany, Hungary

Memberships -----

- 2015 -** Hungarian Ornithological and Nature Conservation Society (MME)
2015 - Hungarian Biological Society (MBT)

Qualifications -----

- 2008** Driving licence (category: B)

Languages -----

- Hungarian** – native language
English – advanced level
German – intermediate level