

Tibor István Fuisz **Curriculum Vitae**

Education Degrees

1990 University degree (equivalent to a MSc): Eötvös Loránd University of Science, Budapest, Biologist and English translator, excellent distinction.

1995 University Doctoral Degree (the old scientific graduation system was different from that of the western countries, rated between an MSc and PhD), Kossuth Lajos University of Science, Debrecen, summa cum laude.

Feeding-site choice of European Starlings (*Sturnus vulgaris*) and other bird species in a farmland environment

2003 PhD, Degree: Eötvös Loránd University of Science, Budapest, summa cum laude.
Breeding biology and egg recognition of the Red-backed Shrike (*Lanius collurio*)

Work experience

1990-1991 Visiting postgraduate student Oxford University Department of Zoology

1991-1992 Museologist, Hungarian Natural History Museum, Ecological research Group

1992-1996 Scientific employee at the Hungarian Academy of Sciences, delegated to the Ecological Research Group of the Hungarian Natural History Museum

1996-2003 Scientific researcher Ecological Research Group of the Hungarian Academy - Hungarian Natural History Museum

2004-2005 Foreign Relations manager in the Department of Exhibitions in the Hungarian Natural History Museum

2006-present Managing Editor in Chief Hungarian Natural History Museum (4 English language periodicals)

2006-2007 researcher, Bird Collection Hungarian Natural History Museum

2007-present curator, Bird Collection Hungarian Natural History Museum

Research interest

From the beginning of my university studies I was deeply interested in classical ethology, behavioural ecology, and evolution.

Tropical conservation biology and ecology

I worked in an international project studying the social evolution, feeding ecology, nesting behaviour and habitat use of the Resplendent Quetzal (*Pharomachus mocinno*) in Guatemala, hence my interest turned to avian evolution.

Habitat-use of birds

As a visiting student at Oxford University I studied the feeding decisions of Starling (*Sturnus vulgaris*) wintering flocks, and I engaged in bird community – habitat association studies in the Ecological Research Group of the Hungarian Natural History Museum.

Breeding biology and Egg recognition of Red-backed Shrikes, avian broodparasitism

The topic of my PhD thesis was the breeding biology and egg recognition of the Red-backed Shrike (*Lanius collurio*), and I also studied the habitat selection and breeding of other Shrike species. Carrying out experimental fieldwork on the egg-recognition ability of the Red-backed Shrike, a possible former host of the Common Cuckoo (*Cuculus canorus*). I become involved with the study of co-evolution of avian brood parasites and their hosts. In international co-operation I studied the acoustic differentiation of cuckoo host species, begging calls of cuckoo

vs. host chicks. In this research field I still actively study the co-evolution of avian brood parasites their hosts and their ectoparasite communities: a three-level host-parasite system.

Behavioural-ecology of colonialy breeding birds

With my colleagues we started to study the breeding biology of European Bee-eaters, and the factors influencing their ectoparasite burden. Also, with my colleagues we started to explore the possibility of integrating field studies and data yielded from collection specimens. This interest led me to the study of egg-size changes of the Red-backed Shrike. This research topic combines my earlier field studies and egg collection data. My field studies served as a reference point from the end of the 1990-ies, and I started to compare these data (clutch size, egg volume) with those of populations represented by the egg collections from Hungary collected from the 1910-s to the 1960-ies.

Bioacoustic research on te effect of urbanisation on Nightingale song

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