

Curriculum Vitae

Last name, First name: Fiedler, Wolfgang

Gender: male

Nationality/ies: German

Overall Scientific Expertise:

My research interest is focussed primarily on the phenology of bird movements as well as the consequences of migratory behaviour for the bird on one hand as well as for the environment on the other hand. The first aspect comprises morphological adaptations of the flight apparatus (wing shape, ultrastructures on the wing) and of the immune system as well as behavioural adaptations e.g. in distance and timing of migration, movement strategies, temporal schedules and the incorporation of movement in the annual calendar where also time for breeding and moulting is needed. With respect to the effects of bird migration on the environment my current main interest focusses on the seed dispersal of frugivores and the dispersal of pathogens through migrating waterbirds.

Besides that scientific branch since 2000 I am also the head of the Centre for Animal Marking that is responsible for the conduct of bird marking studies in Southern Germany and I am appointed as Animal Welfare Officer for the institute branch in Radolfzell-Möggingen since 2008. Until 2020 I was also the responsible person (or deputy) for all animal facilities at our place.

Professional Experience

Years employed from – to	Title of position	Employer – name and location	Areas of professional specialisation [^]
2019 - today	Research Scientist and Group Leader	Max Planck Institute of Animal Behavior (Radolfzell; restructured from previous)	Animal migration, animal marking and tracking, animal welfare
2000 - 2019	Research Scientist	Max Planck Institute for Ornithology (Radolfzell; restructured from previous)	Animal migration, animal marking and tracking, animal welfare
1998 - 2000	Research Scientist	Max Planck Institute for Behavioural Physiology and follow-up structures	Animal migration, animal marking, animal welfare

Specific expertise in the field of the call

As Animal Welfare Officer (Tierschutzbeauftragter) at our Institute in Radolfzell-Möggingen since 2008 and responsible person for the animal holding facilities during most of this time until 2020 I have worked with and supervised several research groups at our institutes that actively worked with tits as model species. Altogether more than 10 permitted experiments comprising more than 2000 tits have been accompanied by me, including studies where tits temporally have been brought into captivity for behavioural studies or tests. Following the most recent requests of

the research group of Lucy Aplin on social learning we have built a special facility to hold and test tits with minimum interference and thus minimum stress for the birds.

Educational Background

[Starting with the most recent, please provide the details of your post-secondary education and/or professional training (e.g. university or its equivalent, postgraduate, postdoctoral). Please copy and paste more rows if needed.]

Year	Degree awarded	Educational Institution – name and location	Areas of educational specialisation*
1992	Diploma	University of Tübingen, Germany	Biology (Zoophysiology [main], Botany, Geology, Psychology)
1998	PhD	University of Tübingen, Germany	Biology (Ecomorphology, Migration)

Memberships in Scientific Advisory Bodies/Committees/Panels (if any):

2006-2018 committee member of the International Ornithological Conference, since 2018 IOU Fellow (the International Ornithologists' Union) 2022 IOU Council Member at Large.

List of Publications:

128 peer-reviewed publications

(see <https://www.ab.mpg.de/publication-search/3239?person=persons179235>)

I have no publications resulting from my work as Animal Welfare Officer or as responsible for the Animal Facilities.