



The Swiss Ornithological Institute in Sempach is a non-profit foundation supported by the public and focuses on a wide range of research topics on wild birds within and beyond Switzerland. We aim at acquiring the scientific basis for a deeper understanding of biological systems and for the conservation of birds and their habitats.

The population biology research group is currently a team of five persons that aims to study population dynamics of birds and to develop or adjust the needed statistical methodology.

We are looking for a

Post-doctoral researcher in population ecology (m/f/d), 100%

to enhance the team in the unit *Population Biology* from the **1st of September 2023** or by agreement.

You will analyze long-term demographic data (capture-recapture, productivity, population counts) of dippers and alpine swifts in Switzerland using integrated population models to better understand the population dynamics of these species. The dipper data set is from a single study area, while the swift data are from multiple breeding colonies. Particular focus will be on understanding demographic drivers (including immigration) of the observed population changes and on population synchrony.

We expect a completed PhD in ecology, wildlife science or a related field. A deep understanding of population models (including capture-recapture, matrix population models), hierarchical models, computation (e.g., R or Python), and Bayesian modeling software (e.g., JAGS, NIMBLE or STAN) is required, as is a proven desire and ability to publish excellent papers.

What we offer

The position is initially limited to 2 years with the option of an extension. You interact with a variety of people while you also have flexibility to plan your work. Salary is according to the regulation of the Swiss Ornithological Institute and includes social benefits. In addition, you can expect family-friendly and flexible working hours, good opportunities for further training and exemplary social benefits. The place of work is Sempach.

You are interested?

The Swiss Ornithological Institute is committed to promoting diversity and looks forward to receiving applications from as many qualified individuals as possible. For more details on the position, please contact **Michael Schaub**, Head of unit Population Biology.

We look forward to receiving your online application **by latest 30th April 2023**. Please upload your application documents (cover letter with statement of motivation, CV, copies of diplomas) in a single PDF file to <https://my.jobalino.ch/de/jobpreview/4563>.

Job interviews for invited applicants are planned for the 15th and 16th May 2023.