

**Conservation study on the Pied Flycatcher
(*Ficedula hypoleuca*) in the study area “Großer Ahornboden”
(Karwendel, Tyrol)**



Background: Long-distance migrating birds are experiencing severe population declines and are affected by changes in their breeding and wintering areas. In particular, the Pied Flycatcher (*Ficedula hypoleuca*) has declined in the last 25 years, coinciding with a reduced nesting activity due to a lack of suitable breeding structures. Tracking these changes with efficient and scalable methods, is therefore becoming increasingly important for monitoring the status and implementing further conservation efforts. However, comprehensive data on the occurrence of this species in Austria are still incomplete and critical details, such as migration dates, remain unknown. Therefore, this study investigates the population of *F. hypoleuca* in its key habitat within the Karwendel region (Tyrol), specifically in the “Großer Ahornboden” area (1 120 to 1 210 m a.s.l.).

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