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Master theses

At the Swiss Ornithological Institute (Schweizerische Vogelwarte Sempach) the following master thesis subjects are available.

Temperature tolerance of the Ptarmigan in the Alps

A field and lab study to investigate whether ptarmigans suffer from high ambient temperatures and whether they select cool microclimates. This is relevant to determine the most suitable areas for the ptarmigan in the future and to protect them from human disturbance.



Nest predation and habitat selection of the Wood Warbler

A field study to determine the animals responsible for nest predation and to infer cues which guide habitat selection of the wood warbler, a declining species of conservation concern.



Hormonal regulation of the energy metabolism during migratory flight

A field and lab study to investigate hormones involved in the spectacular metabolic changes induced by long-distance flight and subsequent recovery.



Migration strategies and effects on fitness in the Alpine Swift

Explore individual flight routes and activity budgets during the breeding season and during migration and wintering from data stored on geolocators with accelerometers for this highly mobile bird.



Habitat requirement of the Little Owl

A field study in occupied and potential habitats to evaluate the habitat requirements and resource limitations of this rare species of conservation concern.



Food and habitat use of Hoopoes

A field study on the ecological requirements of this enigmatic species on the slopes of Lake Geneva.



For more information see <http://www.vogelwarte.ch/master-and-doktorarbeiten.html> or contact lukas.jenni@vogelwarte.ch

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