

Poster Abstract

Barcoding Austria's damselfs and dragons – from the first steps to flying high

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The order Odonata, consisting of the suborders Anisoptera (dragonflies) and Zygoptera (damselflies), is one of the oldest groups of winged insects and originated more than 300 Million years ago. Even though the number of recognized species is fairly small compared to other groups of insects (both on a global and local scale), they are very important flagship taxa and bioindicators for conservation management and ecological project planning, as they are comparatively well known and appreciated by the non-scientific society. To barcode the close to 80 different species of damsel- and dragonflies reported for Austria, the University of Graz, within the framework of ABOL (Austrian Barcode of Life), and the Museum of Natural History Vienna, within an ABOL associated project "Dragonflies in Vienna: DNA barcoding and survey, with focus on FFH-species *Cordulegaster heros* and *Leucorrhinia pectoralis*", have joined forces. New sets of Odonata-specific primers have been designed, a large number of species (and specimens) was already collected, and the first DNA barcodes have been generated. However, this is just the beginning and lots of effort (and enthusiasm) will be put into collecting and sequencing specimens of all species from throughout Austria to finally be able to provide a complete DNA barcode reference data base for Austrian damsel- and dragonflies.

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ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Verhandlungen der Zoologisch-Botanischen Gesellschaft in Wien. Frueher: Verh.des Zoologisch-Botanischen Vereins in Wien. seit 2014 "Acta ZooBot Austria"](#)

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