

DANIEL STEC

Institute of Systematics and Evolution of Animals, PAS | daniel_stec@interia.eu

DEGREES & TITLES

HABILITATION IN BIOLOGICAL SCIENCES, INSTITUTE OF SYSTEMATICS AND EVOLUTION OF ANIMALS OF THE POLISH ACADEMY OF SCIENCES

2023

Title of the achievement: "Modern taxonomic studies in microscopic invertebrates – Tardigrada".

PHD IN BIOLOGY, JAGIELLONIAN UNIVERSITY

2021

Title of the thesis: "Taxonomy and evolution of the *Macrobotus hufelandi* complex (Tardigrada: Macrobiotidae)". Advisor: Łukasz Michalczyk.

MSC IN BIOLOGY, JAGIELLONIAN UNIVERSITY

2015

Title of the thesis: "An integrative description of *Macrobotus paulinae* sp. nov. (Tardigrada: Eutardigrada: Macrobiotidae: *hufelandi* group) from Kenya, with notes on the Kenyan tardigrade fauna". Advisor: Łukasz Michalczyk.

BSC IN BIOLOGY, JAGIELLONIAN UNIVERSITY

2013

Title of the thesis: "Biologia roztocza *Varroa destructor* – pasożyta pszczoły miodnej" (in Polish). Advisor: Wojciech Witaliński.

EDUCATION

DOCTORAL STUDIES IN BIOLOGY, JAGIELLONIAN UNIVERSITY

2015 – 2021

MSC STUDIES IN BIOLOGY, JAGIELLONIAN UNIVERSITY

2013 – 2015

BSC STUDIES IN BIOLOGY, JAGIELLONIAN UNIVERSITY

2011 – 2013

EMPLOYMENT

PROFESSOR OF THE INSTITUTE, INSTITUTE OF SYSTEMATICS AND EVOLUTION OF ANIMALS OF THE POLISH ACADEMY OF SCIENCES

2023 – CURRENTLY

ADJUNCT, INSTITUTE OF SYSTEMATICS AND EVOLUTION OF ANIMALS OF THE POLISH ACADEMY OF SCIENCES

2021 – 2023

RESEARCH PROJECTS

POLONEZ BIS 2, POLISH NATIONAL SCIENCE CENTRE

2023 – CURRENTLY

The project titled „Metacommunity Ecology of Tardigrades in Ephemeral Habitats”.

Supervisor (PI: Matteo Vecchi). Amount awarded: 1099345 PLN.

PRELUDIUM 21, POLISH NATIONAL SCIENCE CENTRE

2023 – CURRENTLY

The project titled „Tough guys in the Anthropocene – differences in tardigrade functional traits and assemblages across a gradient of human impact intensity”.

Supervisor (PI: Bartłomiej Surmacz). Amount awarded: 209852 PLN.

SONATINA 6, POLISH NATIONAL SCIENCE CENTRE

2022 – CURRENTLY

The project titled „Ubiquitous tardigrades along an altitudinal gradient: patterns and drivers of diversity and distribution”.

Principal investigator. Amount awarded: 1077002 PLN.

PRELUDIUM 16, POLISH NATIONAL SCIENCE CENTRE

2019 – 2022

The project titled „An integrative revision of the family Macrobiotidae (Tardigrada) – phylogeny, taxonomy and trait evolution in challenging groups of microinvertebrates”.

Principal investigator. Amount awarded: 209000 PLN.

SRF, THE LINNEAN SOCIETY OF LONDON & THE SYSTEMATICS ASSOCIATION

2017 – 2018

The project titled „Unmasking cryptic diversity within *Macrobiotus hufelandi* species complex (Tardigrada: Eutardigrada: Parachela: Macrobiotidae)”.

Principal investigator. Amount awarded: 1500 GBP.

SONATA BIS 6, POLISH NATIONAL SCIENCE CENTRE

2017 – 2022

The project titled „Global, local or fussy? An integrative test of the 'Everything is Everywhere' hypothesis”.

Investigator (PI: Łukasz Michalczyk). Amount awarded: 2955850 PLN.

HOMING PLUS, FOUNDATION FOR POLISH SCIENCE

2013 – 2015

The project titled „Species delimitation – combining morphometric, molecular and experimental approaches”.

Investigator (PI: Łukasz Michalczyk). Amount awarded: 328000 PLN.

**SCHOLARSHIPS
& AWARDS**

POLISH PRIME MINISTER AWARD

FOR OUTSTANDING PHD THESIS

Awarded in 2022 for a thesis prepared and defended in 2021.

START SCHOLARSHIP OF THE FOUNDATION FOR POLISH SCIENCE

FOR OUTSTANDING YOUNG RESEARCHERS

For 12 months (2021 – 2022), with additional scholarship for an abroad internship.

SCHOLARSHIP OF THE MINISTER OF SCIENCE AND HIGHER EDUCATION

FOR OUTSTANDING YOUNG RESEARCHERS

For 36 months (2019 – 2022).

ETIUDA SCHOLARSHIP OF THE POLISH NATIONAL SCIENCE CENTRE

FOR DOCTORAL STUDENTS

For 12 months (2019 – 2020), with additional scholarship for an abroad internship.

SCHOLARSHIP OF THE MINISTER OF SCIENCE AND HIGHER EDUCATION

FOR OUTSTANDING DOCTORAL STUDENTS

Awarded thrice, for the academic years 2016/2017, 2017/2018 and 2018/2019.

**RESEARCH
STAYS**

NATURAL HISTORY MUSEUM OF DENMARK, COPENHAGEN, DENMARK

2023 (2 WEEKS)

Visiting researcher under the Synthesys+ project titled "Integrative revision of the family Eohypsibiidae". Host: Martin Vinther Sørensen.

UNIVERSITY OF BARCELONA, BARCELONA, SPAIN

2022 (1 MONTH)

Internship under the START scholarship. Host: Miquel Arnedo.

WATER RESEARCH INSTITUTE, VERBANIA, ITALY

2021 (4 MONTHS)

Visiting doctoral student under the Etiuda scholarship. Host: Diego Fontaneto.

NATURAL HISTORY MUSEUM OF DENMARK, COPENHAGEN, DENMARK

2020 (3 WEEKS)

Visiting doctoral student under the Synthesys+ project titled "Taxonomy and biodiversity of *Macrobotus hufelandi* species complex (Tardigrada: Eutardigrada: Macrobiotidae)". Host: Martin Vinther Sørensen.

NATURAL HISTORY MUSEUM OF DENMARK, COPENHAGEN, DENMARK

2016 (2 WEEKS)

Visiting doctoral student under the Synthesys+ project titled "Revision of the central African tardigrade fauna". Host: Reinhardt Møbjerg Kristensen.

**OTHER
INFORMATION**

ASSOCIATE EDITOR FOR THE EUROPEAN ZOOLOGICAL JOURNAL

2022 – CURRENTLY

ASSOCIATE EDITOR FOR ZOOLOGICAL STUDIES

2021 – CURRENTLY

SECTION EDITOR (TARDIGRADA) FOR EUROPEAN JOURNAL OF TAXONOMY

2020 – CURRENTLY