

KRZYSZTOF MILER

Institute of Systematics and Evolution of Animals, PAS | k.miler@onet.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: "Thermal ecology of trap building insects".

PHD IN BIOLOGY, JAGIELLONIAN UNIVERSITY
2018

Title of the thesis: "Predator-prey system of antlions and ants: hunting strategies and rescue behaviours". Advisor: Michał Wojciechowski.

MA IN PSYCHOLOGY, JAGIELLONIAN UNIVERSITY
2015

Title of the thesis: "Odzwajemnienie: ujęcie psychologiczne i przyrodnicze" (in Polish).
Advisor: Dorota Czyżowska.

MSC IN BIOLOGY, JAGIELLONIAN UNIVERSITY
2015

Title of the thesis: "Międzygatunkowe zależności w koloniach samotnych pszczół" (in Polish).
Advisor: Michał Wojciechowski.

BSC IN BIOLOGY, JAGIELLONIAN UNIVERSITY
2013

Title of the thesis: "Wariancja i stałość behawioru zwierząt" (in Polish).
Advisor: Jacek Radwan.

EDUCATION

DOCTORAL STUDIES IN BIOLOGY, JAGIELLONIAN UNIVERSITY
2015 – 2018

MA STUDIES IN PSYCHOLOGY, JAGIELLONIAN UNIVERSITY
2010 – 2015

MSC STUDIES IN BIOLOGY, JAGIELLONIAN UNIVERSITY
2013 – 2015

BSC STUDIES IN BIOLOGY, UNIVERSITY OF GDAŃSK & JAGIELLONIAN UNIVERSITY
2009 – 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
2019 – 2023

RESEARCH ASSISTANT, JAGIELLONIAN UNIVERSITY
2016 – 2018

TECHNICIAN, JAGIELLONIAN UNIVERSITY
2015 – 2017

**RESEARCH
PROJECTS****SONATA 17, POLISH NATIONAL SCIENCE CENTRE**

2022 – CURRENTLY

The project titled „Ferment in the family: alcohol hormesis in workers of the honeybee *Apis mellifera*”.

Principal investigator. Amount awarded: 837847 PLN.

PRELUDIUM 20, POLISH NATIONAL SCIENCE CENTRE

2022 – CURRENTLY

The project titled „The role of alcohol in self-medication of the honeybee (*Apis mellifera*)”.

Supervisor (PI: Monika Ostap-Chec). Amount awarded: 190692 PLN.

PRELUDIUM 16, POLISH NATIONAL SCIENCE CENTRE

2019 – 2023

The project titled „Analyzing life expectancy as a major factor determining pro-social behavior in ants: rescue actions among Formicidae”.

Supervisor (PI: Filip Turza). Amount awarded: 202500 PLN.

BEKKER 2, POLISH NATIONAL AGENCY FOR ACADEMIC EXCHANGE

2021 – 2022

The project titled „Cognitive plasticity of trap-building insects”.

Principal investigator. Amount awarded: 154000 PLN.

SONATINA 3, POLISH NATIONAL SCIENCE CENTRE

2019 – 2022

The project titled „Developmental heaven, purgatory and hell: how do they shape cognition? Studying the effects of the thermal environment on cognitive abilities of insects”.

Principal investigator. Amount awarded: 456400 PLN.

PRELUDIUM 10, POLISH NATIONAL SCIENCE CENTRE

2016 – 2018

The project titled „Placebo effect in the honeybee: can water result in ethanol-like intoxication?”.

Principal investigator. Amount awarded: 99800 PLN.

OPUS 7, POLISH NATIONAL SCIENCE CENTRE

2016 – 2018

The project titled „Effect of environmental conditions during larval period on non-reproductive division of labour in adult honeybee (*Apis mellifera* L.)”.

Technician (PI: Karolina Kuszewska). Amount awarded: 624920 PLN.

**SCHOLARSHIPS
& AWARDS****THE POLITYKA SCIENTIFIC AWARD**

FINALIST IN THE CATEGORY OF LIFE SCIENCES

In the 22nd edition (2022).

SCHOLARSHIP OF THE MINISTER OF SCIENCE AND HIGHER EDUCATION

FOR OUTSTANDING YOUNG RESEARCHERS

For 36 months (2019 – 2022).

START SCHOLARSHIP OF THE FOUNDATION FOR POLISH SCIENCE

FOR OUTSTANDING YOUNG RESEARCHERS

For 12 months (2018 – 2019), with additional scholarship for an abroad internship.

**SCHOLARSHIP OF THE MINISTER OF SCIENCE AND HIGHER EDUCATION
FOR OUTSTANDING DOCTORAL STUDENTS**

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

**RESEARCH
STAYS**

TEL AVIV UNIVERSITY, TEL AVIV-JAFO, ISRAEL

2021 – 2022 (1 YEAR)

Post-doc fellow under the Bekker project. Host: Inon Scharf.

NATURAL HISTORY MUSEUM OF DENMARK, COPENHAGEN, DENMARK

2020 (1 WEEK)

Visiting researcher under the Synthesys+ project titled “On the systematic status of *Myrmeleon* antlions from Borneo”. Host: Lars Vilhelmsen.

TEL AVIV UNIVERSITY, TEL AVIV-JAFO, ISRAEL

2019 (1 MONTH)

Internship under the START scholarship. Host: Inon Scharf.

NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, PAS, WARSAW, POLAND

2015 & 2016 (2 MONTHS IN TOTAL)

Student internship. Host: Ewa J. Godzińska.

SUPERVISION

DANIEL BAJOREK (JAGIELLONIAN UNIVERSITY)

2022 – CURRENTLY

MSc advisor.

FILIP TURZA (JAGIELLONIAN UNIVERSITY)

2021 – CURRENTLY

Auxiliary advisor in the PhD proceedings.

MONIKA OSTAP-CHEC (JAGIELLONIAN UNIVERSITY)

2020 – CURRENTLY

Auxiliary advisor in the PhD proceedings.

**OTHER
INFORMATION**

ASSOCIATE EDITOR FOR ECOLOGICAL ENTOMOLOGY

2021 – CURRENTLY

ASSOCIATE EDITOR FOR JOURNAL OF ZOOLOGY

2019 – CURRENTLY

FELLOW OF THE ROYAL ENTOMOLOGICAL SOCIETY

2018 – CURRENTLY

**MEMBER OF THE INTERNATIONAL UNION FOR THE STUDY OF SOCIAL INSECTS
(IUSSI)**

2017 – CURRENTLY