

**PROGRAM OF
CONFERENCE OF YOUNG EVOLUTIONARY BIOLOGISTS 2018**

Friday, 25 May 2018

9.30 **Participants registration**

11:00 – 11:10 **Opening ceremony**

11:10 – 12:10 **Plenary lecture**

PhD. Roberta Fisher

"The Major Evolutionary Transitions in Individuality"

12:10 – 13:30 **I presentation session (3 oral presentations)**

1. 12:10 – 12:30 **Gabriela Zuber**
Larval antlions show a trade-off between hunting efficiency and cognitive skills
2. 12:30 – 12:50 **Alicja Witwicka**
Geometric morphometrics as a tool for spider species delimitation, the case of Micrommata (Araneae: Sparassidae)
3. 12:50 – 13:10 **Andrzej Antol**
Size dependence of offspring production in isopods: a synthesis

13:10 – 14:10 **Lunch**

14:10 – 15:10 **II presentation session (3 oral presentations)**

1. 14:10 – 14:30 **Szymon Czyżewski**
Pine and Crossbill coevolutionary race is leading to speciation
2. 14:30 – 14:50 **Janusz Mermer**
Cariamiformes – terrestrial birds from South America and not only
3. 14:50 – 15:10 **Sara Carona**
How are populations of allopolyploid vertebrates spatially and temporally structured? The case of the Iberian *Squalius alburnoides* fish complex

15:30 **Meeting for Kraków tour**

16:00 – 18:00 **Kraków tour**

20:00 **Integration party**

Saturday, 26 May 2018

09:00 – 10:20 **III presentation session (4 oral presentations)**

1. 9:00 – 9:20 **Krzysztof Broda**
Evolution of lower Famennian (Upper Devonian) fossil assemblage from Kowala Quarry (Holy Cross Mountains, central Poland)
2. 9:20 – 9:40 **Marcelina Kondas**
The enigmatic fossils-what are nematophytes?
3. 9:40 – 10:00 **Justyna Słowiak**
Growth dynamics of the Late Cretaceous ceratopsian dinosaur *Protoceratops andrewsi*
4. 10:00 – 10:20 **Olga Godlewska**
Possible sexual dimorphism in fossil amphisbaenian lizards

10:20 – 10:30 **Coffee break**

10:30 – 11:50 **IV presentation session (4 oral presentations)**

1. 10:30 – 10:50 **Robert Barber**
Species distribution modelling and sampling bias: a comparative study of correction methods
2. 10:50 – 11:10 **Mateusz Twardawa**
Once there were bacteria, now there is New York” - some theory behind evolution of complex life
3. 11:10 – 11:30 **Anna Łazuka**
The extreme example of convergent evolution: the rarest insect in the World (*Dryococelus australis*)

11:50 – 12:50 **Lunch**

12:50 – 13:50 **Plenary lecture**

Prof. Tomasz Sulej

„Roots of today terrestrial ecosystems - some aspects from Polish Late Triassic localities.”

14:10 – 14:50 **V presentation session (2 oral presentations)**

1. 14:10 – 14:30 **Aleksander Majchrzyk**
Hydrothermal vents and cold seeps animal communities, modern examples and fossil records
2. 14:30 – 14:50 **Łukasz Czepiński**
Tracing the sexual dimorphism in non-avian dinosaurs

15:00 – 17:00 **Poster session with catering in CEP (Naturalistic Education Center)**

17:00 **Trip to Zoological Museum UJ**

Sunday, 27 may 2018

09:00 – 10 :00 **VI presentation session (3 oral presentations)**

1. 9:00 – 9:20 **Michał Gierek**
Phylogenetic relationships within of Athamanta-Conopodium clade (subtribe Scandicinae, family Apiaceae)
2. 9:20 – 9:40 **Monika Opalek and Donna McCullough**
Role of the balance of *Saccharomyces cerevisiae* quiescent/non-quiescent cells in a population's antifungal resistance
3. 9:40 – 10:00 **Klaudia Peczyk**
Aquaporin HvTIP 1;1 in barley. Does it play a role in evolution of oxidative stress response?

10:00 – 10:20 **Coffee break**

10:20 – 11:20 **Plenary lecture**

Dr hab. Marcin Czarnołęski

„A life history perspective in the thermal biology of ectotherms”

11:20 – 12:20 **VII presentation session (4 oral presentations)**

1. 11:20 – 11:40 **Agnieszka Kuc**
Coevolution of hosts and parasites – strategies
2. 11:40 – 12:00 **Alicja Okrasińska**
How high-throughput sequencing can help understand agriculture evolution?
3. 12:00 – 12:20 **Elisavet Zagkle**
Ageing and thermal conductance in zebra finches (*Taeniopygia guttata*)
4. 12:20 – 12:40 **Marta Grosiak**
Age dependent body mass loss and body temperature in response to fasting in zebra finches *Taeniopygia guttata*

12:40 – 13:40 **Lunch**

13:40 –15:10 **Announcement of competition results and official end of conference**
