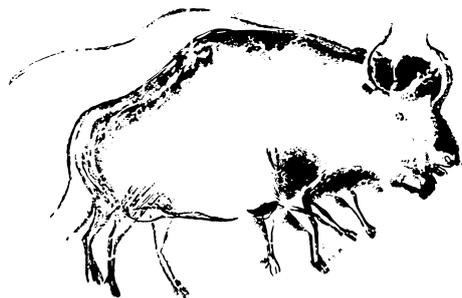




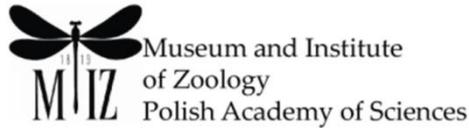
26th-28th September 2018

Centre of New Technologies, Banacha 2c, 02-097 Warsaw

SCIENTIFIC PROGRAM



Organizers



Mammal Research Institute
Polish Academy of Sciences
Białowieża

Schedule overview

Wednesday 26/09/2018		Thursday 27/09/2018		Friday 28/09/2018	
		Plenary Lecture		Plenary Lecture	
		9.00 - 10.00	John Quinn	9.00 - 10.00	Justyna Wolińska
		session 2. Behavioural Ecology		session 4. Physiology & morphology	
		10.00 - 10.45	talks	10.00 - 11.00	talks
		10.45 - 11.15	coffee break	11.00 - 11.30	coffee break
		session 2. cont.		session 5. Phylogenetics	
		11.15 - 12.30	talks	11.30 - 12.45	talks
		12.30 - 13.30	lunch break	12.45 - 13.45	lunch break
13.00 - 17.00	registration	Plenary lecture		session 4. Physiology cont.	
		13.30 - 14.30	Celine Teplitsky	13.45 - 15.00	talks
		session 3. Genetics			
		14.30 - 15.00	talks		
		15.00 - 15.30	coffee break	15.00 - 15.30	coffee break
		session 3. cont.		session 6. Life history +	
15.30 - 16.30	talks	15.30 - 16.30	talks		
17.00 - 17.15	opening	16.30 - 18.00	poster session	15.30 - 16.30	talks
Plenary Lecture				16.30 - 17.00	closing remarks
17.15 - 18.15	Krzysztof Spalik				
session 1. Species interactions					
18.15 - 19.00	talks				
19.00 - 21.00	Welcome reception	19.00 -	Conference dinner	18.00 -	Pub crawl

Saturday 29/09/2018: boat trip (10.00-14.00)

Detailed schedule

Wednesday 26/09/2018

13.00-17.00 registration

17.00-17.15 opening

Plenary Lecture

17.15-18.15 Krzysztof Spalik **Communicating evolution in primary and secondary schools: what has gone wrong?**

Session 1 Species interactions

18.15-18.30 Katarzyna Roguz Spatiotemporal variation in the pollination systems of a supergeneralist plant: Is *Angelica sylvestris* (Apiaceae) locally adapted to its most effective pollinators?

18.30-18.45 Anna Szaciłło Impact of honey bees (*Apis mellifera*) on pollen limitation and floral visitors' activity in a boreal pine forest in NE Poland

18.45-19.00 Danijela Popovic Human-mediated dispersal of cats in the Neolithic Central Europe

19.00-21.00 welcome reception

Thursday 27/09/2018

Plenary Lecture

9.00-10.00 John Quinn **The evolutionary ecology of cognition and personality in wild birds**

Session 2 Behavioural Ecology

10.00-10.15 Katarzyna Wojczulanis-Jakubas Importance of spatial memory for territorial ownership in a lekking hummingbird

10.15-10.30 Tomasz Osiejuk Three call types to communicate everything: duets and solos of the Yellow-breasted boubou (*Laniarius atroflavus*)

10.30-10.45 Paweł Szymański Individual vocal recognition of mates in a duetting species from montane forest of Cameroon

10.45-11.15 coffee break

Session 2 Behavioural Ecology cont.

11.15-11.30 Adrian Surmacki The effect of light conditions on parents' provisioning behaviour in a cavity-nesting Passerine

11.30-11.45 Irene Di Lecce Natural home or concrete? Fitness variation of urban birds breeding in natural and artificial nesting sites

11.45-12.00 Michela Corsini Rearing chicks in a capital city: does human presence and proximity to infrastructural networks affect parental feeding behaviour in urban birds?

12.00-12.15 Magdalena Rusiłowicz Consistency of antipredatory behaviour through metamorphosis

12.15-12.30 Alicja Pawelec Learning and personality traits as important adaptive factors during biological invasions

12.30-13.30 lunch break

Plenary lecture

13.30-14.30 Celine Teplitsky Responses to climate change in wild populations: adaptive responses and evolutionary potential (G matrices)

Session 3 Genetics

14.30-14.45 Mateusz Konczal Population genomics of the critically endangered spoon-billed sandpiper
 14.45-15.00 Elżbieta Iwaszkiewicz Hybrid speciation in action. Annual cycle of local adaptation in an emerging hybrid species

15.00-15.30 coffee break**Session 3 Genetics cont.**

15.30-15.45 Magdalena Herdegen-Radwan The role of introgression in maintaining trans-species polymorphism of highly polymorphic immune genes
 15.45-16.00 Piotr Minias Evolution of copy number variation at the avian MHC
 16.00-16.15 Katarzyna Toch The change in epistatic interactions under heat shock stress in *Caenorhabditis elegans*
 16.15-16.30 Paweł Hałakuc Tracing evolutionary changes in rRNA genes in Euglenozoa

16.30-18.00 poster session**19.00 conference dinner****Friday 28/09/2018****Plenary Lecture**

9.00-10.00 Justyna Wolińska Parasites promote host diversity and ecosystem stability

Session 4 Physiology (*sensu lato*: from molecules to morphology)

10.00-10.15 Wojciech Wilczyński The combined effects of hypoxia and fish kairomones on several physiological and life history traits of *Daphnia*
 10.15-10.30 Marion Chatelain Metal pollution in the urban mosaic: a tale of two stories
 10.30-10.45 Katarzyna Janas Nano-scale architecture of the blue tit feathers
 10.45-11.00 Małgorzata Niškiewicz Sexually-selected weapon increases extinction risk under genetic stress

11.00-11.30 coffee break**Session 5 Phylogenetics**

11.30-11.45 Przemysław Gagat Import of nuclear-encoded proteins into the photosynthetic organelles of *Paulinella*
 11.45-12.00 Krzysztof Bartoszek Multivariate phylogenetic comparative methods for large clades and pre-specified adaptation patterns
 12.00-12.15 Łukasz Banasiak MatPhylobi – constructing and updating taxonomic and phylogenetic datasets from GenBank databases
 12.15-12.30 Marcin Piwczyński Use and misuse of Bayesian molecular clock dating of species divergences
 12.30-12.45 Mateusz Baca Post-glacial recolonization of Europe by *Microtus arvalis* - evidence from ancient DNA

12.45-13.45 *lunch break*

Session 4 **Physiology cont.**

13.45-14.00	Natalia Szabla	Is cell size adaptive?
14.00-14.15	Paweł Brzęk	Capacity of non-shivering thermogenesis in laboratory mice with genetic variation in maximum and basal metabolic rate
14.15-14.30	Jowita Niedojadło	The thermoneutral zone in zebra finches acclimated to contrasting temperatures
14.30-14.45	Amadeusz Bryła	Fly cheap, risk oxidative damage: Energy-oxidative stress trade-offs in flying starlings
14.45-15.00	Maciej Działo	The difference in self-maintenance costs between autumn and spring migration in a songbird is dependent on antioxidant availability

15.00-15.30 *coffee break*

Session 6 **Life history theory +**

15.30-15.45	Mirosław Ślusarczyk	The longest sleepers – what shapes the maximum length of developmental arrest?
15.45-16.00	Andrzej Antoł	Size dependence of offspring production in isopods: a synthesis
16.00-16.15	Kamil Frankiewicz	Paedomorphic traits evolve independently as a response to plant life-form in umbellifers wood
16.15-16.30	Zofia Prokop	Understanding human attitudes towards nature through evolutionary biology

16.30-17.00 **closing remarks**

18.00 *pub crawl*

Poster Session - **Thursday 27/09/2018, 16.30-18.00**

You can vote for the best student poster! The competing posters will be **marked with a yellow S** in the top right corner and with S in the program below. After choosing one favourite poster, place your voting card (you will find it in your conference bag) at the reception desk.

P1	Aneta Arct	Weather conditions and extra-pair paternity in birds
P2	S Ewa Babkiewicz	Reduced detection distance or easier turn at less viscous medium: two possible reasons why warming increases the number of apparent prey in reaction field volume of zooplanktivorous fish
P3	S Agnieszka Bona	Clonal growth strategy of the shrub birch <i>Betula humilis</i> Schrk.
P4	Michał Budka	Functions of duets and chorus in Chubb's cisticola
P5	S Sebastian Chmielewski	Do hosts and parasites adapt locally: a test using the guppy fish and their gyrodactylid parasites
P6	Krzysztof Deoniziak	Are urban birds singing in a more complex way?

- P7 Karolina Doan Genetic characteristics of the inhabitants of Wrocław during the early modern period in their ethnic, biological and epidemiological contexts.
- P8 S Michał Gierek Phylogenetic relationship within of *Athamanta-Conopodium* clade (subtribe Scandiceae, family Apiaceae)
- P9 Michał Gładalski Experimental reduction in nest micro- and macro-parasite loads and hematological condition indicators of Great Tit *Parus major* nestlings
- P10 Eliza Głowska Endosymbiotic bacteria of quill mites (Acariformes: Syringophilidae): diversity, transmission and evolution
- P11 S Michał Gorczak Simplify and become a parasite. Lessons from Laboulbeniomyces (Ascomycota, Fungi).
- P12 S Marta Grosiak Age related hypothermic responses to fasting in zebra finches *Taeniopygia guttata*
- P13 S Natalia Gumińska Order of introns removal from transcripts of gapC and tubA genes of euglenids
- P14 Jan Jedlikowski Development of urban behavioural type is associated with time since urbanization in a reed-nesting waterbird
- P15 Andrzej Kaczanowski Breeding strategies and genome integration in *Tetrahymena*
- P16 S Maciej Kociński Preliminary phylogeny of bush-crickets *Poecilimon affinis complex* (Orthoptera) based on cytochrome c oxidase I gene sequences.
- P17 S Zofia Korbut The analysis of the population genetic structure of the common hamster in the Polish-Ukrainian fragment of the species range
- P18 S Paulina Kosztyła The influence of environmental stress on fitness of different reproductive modes in the nematode *Caenorhabditis elegans*
- P19 Justyna Kubacka Heterozygosity-fitness correlations in a rare songbird: blood parasite infection is explained by single-locus but not genome-wide effects
- P20 S Kinga Kułaga Nocturnal singing in diurnal active birds
- P21 S Sazia Kunvar Genome Analysis: Is posthitis disease of the European bison males associated with Y chromosome monomorphism?
- P22 S Małgorzata M. Lipowska Chronic mild stress does not compromise aerobic exercise performance of bank voles
- P23 S Dorota Lutyk Heritability of reproductive traits in the blue tit
- P24 Anna Maria Łabęcka Body and cell size response to hypoxia in three clones of *Lecane inermis* rotifer
- P25 Istvan Maák Innate and encounter induced responses of *Formica cinerea* to corpses of major foes
- P26 S Kacper Maciszewski Evolution of the chloroplast genomes of Dictyochophyceae – an algal lineage with secondary plastids
- P27 Martin P. Marinov Comparison of exploratory behaviour in two subspecies of the willow warbler *Phylloscopus trochilus* in relation to haemosporidian infections
- P28 Ramya Prasanthi Mokkapati Temporal evolution analysis in the removal of divalent lead from aqueous environment using agro-waste materials - Surface interaction and mass transfer studies
- P29 S Alicja Okraśńska Carbon assimilation profile in Mucorales – an image of their evolutionary history?
- P30 Hanna Panagiotopoulou Genetic polymorphism and structure of grey wolf (*Canis lupus*) populations in Eurasia

- P31 Monika Patrzyk Genetic characterisation of populations of red deer (*Cervus elaphus*) from southern Poland, as compared with those from Slovakia and Hungary earmarked for translocation within the region
- P32 S Olga Paulouskaya Adaptation to the P-element invasion in *D. simulans*
- P33 Barbara Pietrzak Indirect phenotypic effects of age-dependent threat on mortality patterns
- P34 Magdalena Płecha Evolution of introns in the *Euglena hiemalis* genes based on the draft genome assembly analysis
- P35 S Karolina Przesmycka Experimental test of good-genes-as-heterozygosity hypothesis in a semi natural population of the Trinidadian guppy
- P36 S Anna S. Przybylska Continuum of coping styles in Siberian hamsters
- P37 Jacek Radawn Blood parasites shape extreme MHC diversity in a migratory passerine.
- P38 S Katarzyna Roguz Beyond the reward sweetness - nectar as an interface between plants and their pollinators in the genus *Fritillaria* (Liliaceae)
- P39 S Justyna Ryniewicz Geographic variation in bacterial microbiome inhabiting nectar of a red-listed plant species *Polemonium caeruleum* L. (Polemoniaceae)
- P40 S Anna Santorek Does heterozygosity affect reintroduction success in the Capercaillie (*Tetrao urogallus*)
- P41 S Piotr Selewestruk Oxidative stress in laboratory mice divergently selected for basal metabolic rate - does sex matter?
- P42 Edwin Sieredziński SOFAR zones, various sea depth and speciation mechanism of beaked whales
- P43 Anna Sulikowska-Drozd Patterns of parental investment in a single offspring among oviparous door-snails (Pulmonata: Clausiliidae)
- P44 Jacek M. Szymura Taming the fire-bellied toads 10 Gbp genomes
- P45 Szymon Śnieguła Size-mediated priority effects modify intraspecific competition in a damselfly
- P46 S Ewa Tarnowska Adaptive variability of TLR2 gene across bank vole populations of two mtDNA lineages in NE Poland.
- P47 Gema Trigos-Peral *Lasius neglectus* vs *Linepithema humile*: two invasive species from different continents and similar strategy of colonization. meeting in invaded areas.
- P48 Paulina Trzeciak The relationship between seed and cotyledon size in Apiaceae: A comparative test of adaptive vs. constraint hypotheses.
- P49 Aleksandra Walczyńska Body size variability across habitats of differing temperature and oxygen conditions in *Brachionus plicatilis* (Rotifera) cryptic species complex
- P50 S Michał Walesiak Biogeographical analysis of the cuckoo-host relationships in New Caledonia
- P51 Magdalena Witek Fungus infection changes ant colony personality
- P52 S Julia Zaborowska Reconstructing the phylogeographic relationships among *Pinus mugo* Turra populations in European mountains
- P53 S Elisavet Zagkle Age-specific differences in thermoregulation in zebra finches
- P54 S Marcin Żebrowski Combined effects of elevated epilimnetic temperature and metalimnetic hypoxia on the foraging rate of planktivorous fish

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