

<b>Name and surname</b>	<b>Cezary Mitrus</b>
Academic Degree	prof. dr hab. (Prof.)
Institute/Department	Institute of Environmental Biology
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UPWr Base of Knowledge - link	<a href="https://bazawiedzy.upwr.edu.pl/info.seam?affil=&amp;ps=20&amp;id=UPWr2fd496e2698047e8acc0970e2568787e&amp;lang=en&amp;pn=1&amp;cid=1783444">https://bazawiedzy.upwr.edu.pl/info.seam?affil=&amp;ps=20&amp;id=UPWr2fd496e2698047e8acc0970e2568787e&amp;lang=en&amp;pn=1&amp;cid=1783444</a>
Researchgate	<a href="https://www.researchgate.net/profile/Cezary-Mitrus">https://www.researchgate.net/profile/Cezary-Mitrus</a>
Personal website / Working group website	
Participation in projects in last 5 years (chronological; with distinction into PI (kierownik) and RF (wykonawca))	"Oak woods in rural landscape of the Carpathian region: origin, dynamics and conservation values". Project funded by the NCN, 2009-2019, primary implementer
Do you plan to engage support of second supervisor or auxiliary supervisor?	NO
<b>PhD topic</b>	<b>Genetic diversity of the White stork <i>Ciconia ciconia</i> population in southern Poland</b>
Research discipline in Doctoral School	Biological Sciences
Short description of the research problem to be solved in the PhD (minimum 1000 characters)	The White stork is a species which Polish population accounts for 25% of the population of the entire species. The number of pairs has been monitored for many years, and a decline in the number of this species has recently been observed. This applies in particular to the regions of southern and western Poland. Various reasons for this are considered. One of them may be reduced reproductive success resulting from low chick condition, inbreed, low genetic diversity of the population and disturbed sex ratio among young birds. In order to determine the condition of the chicks, biometric measurements will be analyzed: body weight, wing and beak length. The research would be aimed at collecting genetic material from white stork chicks and analyzing them in terms of their variability. The material would be feathers of birds, the collection of which is a minimally invasive method. Additionally, to determine the condition of the birds, the chicks will be measured and weighed. The research will cover the region of southern Poland (Podkarpackie, Małopolskie, Śląskie, Dolnośląski and Opolskie voivodeships).
Professional skills for PhD candidate (e.g. master program, specializations, softwares, language, analytical techniques, minimum 500 characters)	1. Candidates must have a Master's degree or its equivalent in biology, preferably with an emphasis on zoology, experience in work related to ornithology is welcome. 2. Fluency in spoken and written English. 3. Knowledge of general basic statistical programs and methods. 4. Good general IT skills (e.g. MS Office: Excel, MS Word, or similar). 5. Ability, willingness, motivation and experience to work in the field and in the laboratory related to the isolation and analysis of DNA. 6. Ability and willingness to work in a team.
<b>Details of the project to support PhD research</b>	
a) Project title	none
b) Agreement number	none
c) Number of months in the project to support PhD (in months; starting from 1st of October 2022)	0
d) Project website	