

**Curriculum vitae  
&  
List of publications**

# Petr Chajma

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**Born:** 11<sup>th</sup> February, 1990, Brandýs and Labem (Czech Republic)

**Address:** Zahradnická 1723/A, 25001, Brandýs and Labem, Czech Republic

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## Education

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- 2014 – present: Ph.D. studies  
Ecology  
Faculty of Environmental Sciences  
**Czech University of Life Sciences Prague**  
Thesis: *Non-random mating patterns and consistency of behaviour of amphibians*
- 2012 – 2014: Master programme  
Nature conservation  
Faculty of Environmental Sciences  
**Czech University of Life Sciences Prague**  
Thesis: *Size-assortative mating in common toad (*Bufo bufo*)*
- 2009 – 2012: Bachelor programme  
Ecology  
Faculty of Environmental Sciences  
**Czech University of Life Sciences Prague**  
Thesis: *Causes of size-assortative mating in amphibians*

## Skills

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- Programming in R (advanced), R Shiny (beginner), Arduino IDE (beginner), C++ (beginner), php (beginner), html (beginner), SQL (beginner)
- 3D modelling and design in Fusion 360, 3D printing

## Publications

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Vojar, J., **Chajma, P.**, Kopecký, O., Puš, V. & Šálek, M. (2015). The effect of sex ratio on size-assortative mating in two explosively breeding anurans. *Amphibia-Reptilia* **36**, 149-154.

**Chajma, P.** & Vojar, J. (2016). The effect of size-assortative mating on fertilization success of the common toad (*Bufo bufo*). *Amphibia-Reptilia* **37**, 389-395.

Balvín, O., **Chajma, P.** & Naylor, R. (2019). Age structure of bed bug (*Heteroptera: Cimicidae*) aggregations affects the nymphal feeding success. *Parasites & Vectors* **12**, 400-404.

Lastra González, D., Baláž, V., Solský, M., Thumsová, B., Kolenda, K., Najbar, A., Najbar, B., Kautman, M., **Chajma, P.**, Balogová, M. & Vojar, J. (2020). Recent Findings of Potentially Lethal Salamander Fungus *Batrachochytrium salamandrivorans*. *Emerging Infectious Diseases* **25**, 1416-1418.

Šikola, M., **Chajma, P.**, Anděl, P., Solský, M. & Vojar, J. (2019). Finding water: Reliability of remote-sensing methods in searching for water bodies within diverse landscapes. *Ecohydrology & Hydrobiology* **19**, 383-392.

**Chajma, P.**, Kopecký, O. & Vojar, J. (2020). Individual consistency of newt's exploration and shyness, but not activity: The effect of habituation? *J. Zool.* **311**, 269-276.

## Grants

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**IGA FŽP 20154233:** The effect of SAM on fitness of common toad (*Bufo bufo*) and agile frog (*Rana dalmatina*), main researcher.

**IGA FŽP 20164234:** Personality of agile frog (*Rana dalmatina*) and smooth newt (*Lissotriton vulgaris*), main researcher.

**IGA FŽP 20174216:** Development and consistency of common frog (*Rana temporaria*) behaviour, main researcher.

**TAČR TJ02000199:** Modular system for complex monitoring of breeding behaviour and nest success in birds, key researcher.

**TAČR SS01020383:** Multisensory datalogging as a tool for assessment of the impact of environmental changes on wildlife circadian activity, key researcher

## Teaching activities

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- Computational methods II
  - Computational methods III
  - Ecological data processing
  - Environmental data collection and processing
  - Statistical methods I
  - Statistical methods II
  - Zoology II
  - Processing of biological data
  - Programming in R
  - Methods of studying of ecosystems
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- Practice management in CHKO Pálava
  - Supervision of 6 bachelor and 1 diploma theses