



2010 - 2013 – Researcher, Charles University in Prague;

2009 - 2013 – PhD. study of zoology; Charles University in Prague. Ph.D. thesis (Nesting behaviour and population genetics of solitary bees (Hymenoptera: Anthophila)) successfully defended in November 2013
(supervisor Mgr. Jakub Straka, Ph.D.).

2006 - 2009 – Master study of biology; Faculty of Science, Charles University in Prague. Master thesis ([Hnízdní chování a alternativní reprodukční strategie samotářských včel \(Hymenoptera: Apoidea\)](#)) = Nesting behaviour and alternative reproductive strategies in solitary bees (Hymenoptera: Apoidea) successfully defended in autumn 2009 (supervisor Mgr. Jakub Straka, Ph.D.);

2003 - 2006 – Bachelor study of biology, Faculty of Science, Charles University in Prague;
Bachelor thesis defended in 2006 (supervisor RNDr. David Král, PhD.);

Born April 14, 1984 in Tábor, Czech Republic as **Kateřina Rezková**

Grants:

2008-2010 - Social interactions in solitary bees of genera *Andrena* and *Lasioglossum* (Hymenoptera: Apoidea) and other aspects of their behaviour, Grant Agency of Charles University (GAUK), 111708/2008.

2010-2013: Neighbourhood society: parasitic and social interactions in solitary bees (Hymenoptera: Apoidea), nesting behaviour of *Anthophora plumipes*, (3 year CSF) P506/10/0403; member of research team.

2010-2013: Strepsiptera of the genus *Stylops* (Stylopidae): evolution of host specificity, chemical ecology and behaviour of parasitised host, (3 year CSF) P506/10/1466; member of research team.

2012-2013: Origin and evolution of social behavior: case study on genus *Ceratina* (Hymenoptera: Apidae), The Charles University Grant Agency (GAUK 574812/2012), 3 years; principal investigator.

Publications:

Rozen J. G. Jr., Straka J. & **Rezkova K.** 2009: Oocytes, Larvae, and Cleptoparasitic Behavior of *Biastes emarginatus* (Hymenoptera: Apidae: Nomadinae: Biastini).

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Černá K., Straka J. (2012): Identification of 37 microsatellite loci for *Anthophora plumipes* (Hymenoptera: Apidae) using next generation sequencing and their utility in related species.

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109: 155-160.

Cvačka J., Jiroš P., Kalinová B., Straka J., **Černá K.**, Šebesta P., Tomčala A., Vašíčková S., Jahn U. & Šobotník J. (2012): Stylopsal: The first identified female-produced sex pheromone of Strepsiptera.

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Lagoutte R., Šebesta P., Jiroš P., Kalinová B., Jirošová A., Straka J., **Černá K.**, Šobotník J., Cvačka J. & Jahn U. (2013): Total synthesis, proof of absolute configuration, and biosynthetic origin of stylopsal, the first isolated sex pheromone of Strepsiptera.

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Řehoř I., Macháčková L., Bučáneková A., Matějková S., **Černá K.** & Straka J. (2013): Measuring the sugar consumption of larvae in bumblebee micro-colonies: A promising new method for tracking food economics in bees.

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Černá K., Zemenová M., Macháčková L., Kolínová Z. & Straka J. (2013): Neighbourhood society: nesting dynamics, usurpations and social behaviour in solitary bees.

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