

# KLEMEN ČANDEK

## Curriculum Vitae

### PERSONAL

Date and place of birth: 09. 08. 1988, Ljubljana, Slovenija  
Residence: Stražarjeva ulica 29, 1000 Ljubljana  
Phone number: 041 434 825  
Work address and phone: Department of Organisms and  
Ecosystems Research (EKOS), National  
Institute of Biology (NIB)  
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### EDUCATION

#### Bachelor of Science (B.Sc.) program

University of Ljubljana                      Biology    2007-2011

#### Master of Science (M. Sc.) program

University of Ljubljana;                      Structural and functional biology                      2011-2013

#### Graduate (PhD) program

University of Ljubljana;                      Biosciences    2013-2018

### EMPLOYMENT

2019 –                      Research assistant at the Department of Organisms and Ecosystems  
Research (EKOS), National Institute of Biology (NIB), Slovenia

10/2013 – 12/2018      Young researcher (PhD student) at the Institute of Biology, Scientific  
Research Centre of the Slovenian Academy of Sciences and Arts (4  
years, 10 months), and at EKOS, NIB (4 months)

### PUBLICATIONS

Čandek K, Pristovšek Čandek U, Kuntner M (2020) Machine learning approaches identify  
male body size as the most accurate predictor of species richness. *BMC biology*, 18:  
105

Turk E, Čandek K, Kralj-Fišer S, Kuntner M (2020) Biogeographical history of golden  
orbweavers : chronology of a global conquest. *Journal of biogeography*, 47: 1333-1344.

Čandek K, Agnarsson I, Binford G, Kuntner M (2020) Caribbean golden orbweaving spiders  
maintain gene flow with North America. *Zoologica scripta*, 49: 210– 221

**Čandek K**, Agnarsson I, Binford G, Kuntner M (2019) Biogeography of the Caribbean *Cyrtognatha* spiders. *Scientific reports*, 9: 397

**Čandek K**, Agnarsson I, Binford G, Kuntner M (2018) Global biogeography of *Tetragnatha* spiders reveals multiple colonization of the Caribbean. *bioRxiv* preprint. doi: 10.1101/452227

Quinones Lebron SG, Kralj-Fišer S, Gregorič M, Lokovšek T, **Čandek K**, , Haddad CR, Kuntner M (2016) Potential costs of heterospecific sexual interactions in golden orbweb spiders (*Nephila* spp.). *Scientific reports*, 6: 1-6

Kralj-Fišer S, **Čandek K**, Lokovšek T, Čelik T, Cheng RC, Elgar M, Kuntner M (2016) Mate choice and sexual size dimorphism, not personality, explain female aggression and sexual cannibalism in raft spiders. *Animal behaviour*, 111: 49-55

Coddington JA, Agnarsson I, Cheng RC, **Čandek K**, Driskell A, Frick H, Gregorič M, Kostanjšek R, Kropf C, Kweskin M, Lokovšek T, Pipan M, Vidregar N, Kuntner M (2016) DNA barcode data accurately assign higher spider taxa. *PeerJ*, 4: e2201

**Čandek K**, Gregorič M, Kostanjšek R, Frick H, Kropf C, Kuntner M (2015) Corrigendum: Targeting a portion of central European spider diversity for permanent preservation. *Biodiversity Data Journal*, 3: e4301.

**Čandek K**, Kuntner M (2015) DNA barcoding gap: Reliable species identification over morphological and geographical scales. *Molecular Ecology Resources*, 15: 268-277

**Čandek K**, Gregorič M, Kostanjšek R, Frick H, Kropf C, Kuntner M (2013) Targeting a portion of central European spider diversity for permanent preservation. *Biodiversity data journal*, 1: e980

## **PARTICIPATION AT SCIENTIFIC CONFERENCES**

27<sup>th</sup> European Congress of Arachnology, Ljubljana, **Slovenia** (2012): Poster

19<sup>th</sup> International Congress of Arachnology, Kenting, **Taiwan** (2013): Talk

Evolution Congress, Raleigh, North Carolina, **USA** (2014): Poster

29<sup>th</sup> European Congress of Arachnology, Brno, **Czech Republic** (2015): Poster

21<sup>th</sup> International Congress of Arachnology, Canterbury, **New Zealand** (2019): Talk

## **GRANTS**

2020: Raziskovalni sklad NIB: “Mad-scape: Exploring vibroscape in ecosystems of Madagascar” - 8,898€

## **MEDIA APPEARANCE AND POPULAR SCIENCE:**

**Čandek K** (2020) Kaj vpliva na biodiverzitetu pajkov (Pogled v znanost). Ljubljana: RTV Slovenija. <https://ars.rtv slo.si/2020/04/pogled-v-znanost-264/>.

Furlan Vukoja I, **Čandek K** (2020) Te male živali: pajki (Dobro jutro). Ljubljana: RTV Slovenija. <https://4d.rtv slo.si/arhiv/dobro-jutro/174720191>

**Čandek K** (2020) Množica okusov = An array of flavors. In: Tome D (ed.), et al. 60 obrazov biodiverzitetu = 60 views of biodiversity, 26-27

**Čandek K** (2020) Svilene pasti = Silken traps. In: Tome D (ed.), et al. 60 obrazov biodiverzitetu = 60 views of biodiversity, 84-85

Kuntner M, Gregorič M, **Čandek K** (2019) Pajki. In: Pavšič J (ed.), et al. Slovenska Istra I: neživi svet, rastlinstvo, živalstvo in naravovarstvo, 179-183

**Čandek K** (2019) Pajki - naši sostanovalci (O živalih in ljudeh). Ljubljana: RTV Slovenija. <https://4d.rtv slo.si/arhiv/o-zivalih-in-ljudeh/174588274>

**Čandek K**, Erbida N, Kuchova H. Ohranjanje končnih plenilcev zagotavlja ohranjanje biotske raznovrstnosti. Svet ptic: 02, 2014. str. 16-17

**Čandek K**. Zimska opazovanja v naravi: Pljuvajoči pajek (*Scytodes thoracica*). Svet ptic: 04, 2013. str. 37

## **SKILLS AND EXPERINECE**

- International field work (Switzerland 2010, Taiwan 2013, Republic of South Africa 2015, New Zealand 2019, China 2019)
- Molecular biology techniques and bioinformatics (from DNA extraction to data analyses and interpretation)
- Basic programming (Python, R)
- Computer software (MS Office, Adobe Illustrator, molecular and phylogenetic software)

## **OTHER**

- Winner of the Miroslav Zei Award for an exceptional doctoral work (2019)
- Eleven verified reviews for scientific journals on Publons (WoS Researcher ID: AAG-6764-2020)