

David Stella

DavidStella.cz@gmail.com
+420603421814
Kasalická 154
Prague, Vinoř

Summary

Graduated Ph.D. Biologist with four-year experience as a data analyst and coordinator in project *Psychology of male intra-sexual competition and associated neural correlates* and other research projects dealing with ecology, evolutionary biology and zoology (National Institute of Mental Health, Charles University in Prague) and involved in ecological monitoring surveys (NCA CR). Aiming to contribute with my proven analytical, fast learning and hard-working attitude to effectively fill in the position in your company. I am passionate about nature conservation and seek a position on the gradient of research and practice involving work with practitioners and stakeholders.

Education

Charles University

PhD in Biology

09/2020 - Graduating

Thesis: Spatial and temporal variation of UV reflectance in relation to environmental factors in genus *Pieris* and *Colias*.

Conducted research on standardized photography, spectrophotometry and image, spatial and statistical analysis.

Charles University Prague

Master's degree in Biology

09/2013 - Graduated

Subjects covered: Macroecology, Evolutionary biology, Geographic Information Systems, Environmental modelling, Entomology, Statistical analysis, Environmental informatics, Ecology, Landscape ecology

Cranfield University

Master's degree in Ecology • Cranfield, England

09/2012 - Graduated

Thesis: Land use variations affect earthworm abundance and species richness.

Subjects covered: Ecology, Conservation Biology, Restoration Biology, Geographic Information Systems, Environmental Impact Assessment, Environmental modelling, Statistical analysis, Environmental informatics, Landscape ecology

Charles University Prague

Bachelor's degree in Ecology

09/2009 - Graduated

Subjects covered: Environmental modelling, Statistical analysis, Environmental informatics, Ecology, Landscape ecology, Conservation biology, Environmental Law

Employment History

National Institut of Mental Health

Junior Researcher-Data Analyst

01/2019 - Present

Conducted research on the development of standardized photography method and image analysis and in project *Psychology of male intra-sexual*

competition and associated neural correlates (GACR).

Freelance photographer

Photographer

01/2009 - Present

Professional photographer of sports- and outdoor- related themes for: VPress(CZ), UK Media (CZ), Mountain Bike World (IT), La Farge (FR), ERV (DE), Nomad Tours (SAR), Tirol Tourism Board (Austria), Medifin (CZ), Success Photo (UK), South African Embassy in Prague, Freeride.cz (CZ), MHMP (CZ), Universe Agency (CZ).

Lector of photography workshops and photo expeditions (Africa Obscura)

Nature Conservation Agency of the Czech Republic

Species Monitoring

09/2009 - 08/2010

Species Monitoring Specialist: Surveying and monitoring distribution and population trends of the Eurasian otter in Czech Republic (*Lutra lutra*) under supervision of Dr. Aleš Toman.

Professional Skills

- ArcGIS
- Python
- MS Office
- R
- Adobe Creative Suite
- Project management

Selected Publications

Pecháček, P., D. Stella, and K. Kleisner. 2019. A Morphometric Analysis of Environmental Dependences Between Ultraviolet Patches and Wing Venation Patterns in *Gonepteryx* Butterflies (Lepidoptera, Pieridae). *Ecological Entomology* 33:89–110.

Stella, D., P. Pecháček, V. B. Meyer-Rochow, and K. Kleisner. 2018. UV reflectance is associated with environmental conditions in Palaearctic *Pieris napi* (Lepidoptera: Pieridae). *Insect science* 25:508–518.

Stella, D., Z. Faltýnek Fric, M. Rindoš, K. Kleisner, and P. Pecháček. 2018. Distribution of Ultraviolet Ornaments in *Colias* Butterflies (Lepidoptera: Pieridae). *Environmental Entomology* 47:1344–1354.

Stella, D., P. Pecháček, and K. Kleisner. 2016. Nondestructive, fast, ultraviolet: Applications of UV photography in ecology, taxonomy and evolutionary biology. *Klapalekiana* 52:111–118.

Languages

- Czech - Native
- German - Beginner
- Spanish - Beginner
- English - Fluent
- Swahili - Conversational

Pedagogical activity

- “Modern, practical and advanced methods in GIS”. MSc course at Charles University in Prague, Faculty of Nature, Winter term 2016/2017, 2017/2018, 2018/2019. Co-lecturer.
- “Practical evolutionary biology”. MSc course at Charles University in Prague, Faculty of Nature, Winter terms 2014/2015, 2015/2016. Co-lecturer.
- “Photography”. Half-year course at Children and Youth centre, Prague, 2013/2014. Main lecturer
- “Science Photography”. Day-long workshop in PTNCE 2019 Conference. Main lecturer.

Soft Skills

Creativity, Dedication, Self Management, Decision Making, Responsibility, Teamwork

Hobbies & Interests

- Mountain biking (regular participant of ultradistant races (>700 km))
- Climbing (President of the competitive climbing club in Prague - HO Satalice, experience with managing an institutionalised sports club of >80 members, Instructor in Big Rock Climbing centre in the UK.
- Running, swimming, hiking, travelling.

Publications

- BLAŽEK, R. and **STELLA, D.**, 2020. Polyphenism and ultraviolet reflectance in *Araschnia levana* (Lepidoptera: Nymphalidae). *Acta rerum naturalium*, **1**(14), pp. 1-5.
- FIALOVÁ, J., TŘEBICKÝ, V., KUBA, R., **STELLA, D.**, BINTER, J. and HAVLIČEK, J., 2020. Losing stinks! The effect of competition outcome on body odour quality. *Philosophical Transactions B*, **375**(1800), pp. 1-10.
- PECHÁČEK, P., **STELLA, D.** and KLEISNER, K., 2019. A Morphometric Analysis of Environmental Dependences Between Ultraviolet Patches and Wing Venation Patterns in *Gonepteryx* Butterflies (Lepidoptera, Pieridae). *Ecological Entomology*, **33**(1), pp. 89-110.
- PECHÁČEK, P., **STELLA, D.** and KLEISNER, K., 2019. A morphometric analysis of environmental dependences between ultraviolet patches and wing venation patterns in *Gonepteryx butterflies* (Lepidoptera, Pieridae). *Evolutionary Ecology*, **33**(1), pp. 89-110.
- TŘEBICKÝ, V., FIALOVÁ, J., **STELLA, D.**, COUFALOVÁ, K., PAVELKA, R., KUBA, R., ŠTĚRBOVÁ, Z., KLEISNER, K. and HAVLIČEK, J., 2019. Predictors of Fighting Ability Inferences Based on Faces. *Frontiers in Psychology*, **1**(9), pp. 2740.
- STELLA, D.**, FALTÝNEK FRIC, Z., RINDOŠ, M., KLEISNER, K. and PECHÁČEK, P., 2018. Distribution of Ultraviolet Ornaments in *Colias* Butterflies (Lepidoptera: Pieridae). *Environmental Entomology*, **47**, pp. 1344-1354.
- STELLA, D.**, PECHÁČEK, P., MEYER-ROCHOW, V.B. and KLEISNER, K., 2018. UV reflectance is associated with environmental conditions in Palaearctic *Pieris napi* (Lepidoptera: Pieridae). *Insect science*, **25**(3), pp. 508-518.
- STELLA, D.**, BRŮNA, J., SUSKE, D. and KUTHAN, T., 2018. Cyklistika v Praze, jako základ kurzu GIS. *Arc-Revue*, **22**(1), pp. 16-18.
- TŘEBICKÝ, V., FIALOVÁ, J., **STELLA, D.**, ŠTĚRBOVÁ, Z., KLEISNER, K. and HAVLIČEK, J., 2018. 360 Degrees of Facial Perception: Congruence in Perception of Frontal Portrait, Profile, and Rotation Photographs. *Frontiers in Psychology*, **1**(9), pp. 2405.
- TŘEBICKÝ, V., FIALOVÁ, J., **STELLA, D.**, COUFALOVÁ, K., PAVELKA, R., KLEISNER, K., KUBA, R., ŠTĚRBOVÁ, Z. and HAVLIČEK, J., 2018. Predictors of fighting ability inferences based on faces. *Frontiers in psychology*, **9**, pp. 2740.
- KLEISNER, K., KOČNAR, T., TUREČEK, P., **STELLA, D.**, AKOKO, R., TŘEBICKÝ, V. and HAVLIČEK, J., 2017. African and European perception of African female attractiveness. *Evolution and Human Behavior*, **38**(6), pp. 744-755.
- STELLA, D.**, PECHÁČEK, P. and KLEISNER, K., 2016. Nondestructive, fast, ultraviolet: applications of UV photography in ecology, taxonomy and evolutionary biology, *Gatherings in Biosemiotics 2016*, 7.7.2016 2016, Charles University, Prague, pp. 214-215.
- STELLA, D.**, PECHÁČEK, P. and KLEISNER, K., 2016. Nondestructive, fast, ultraviolet: Applications of UV photography in ecology, taxonomy and evolutionary biology. *Klapalekiana*, **52**, pp. 111-118.
- STELLA, D.**, PECHÁČEK, P. and KLEISNER, K., 2016. Nedestruktivně, rychle, ultrafialově, o využití UV fotografie v ekologii, taxonomii a evoluční biologii, *Zoologické Dny 2016*, 12.2.2016 2016, Ústav biologie obratlovců, pp. 165-166.
- STELLA, D.**, BRŮNA, J., KAHOUNOVÁ, M., KLIMEŠ, A., MAN, M. and WILD, J., 2016. Kolik je na Šumavě nosálů. *Arc-Revue*, **2**(1), pp. 20-21.

PECHÁČEK, P., **STELLA, D.** and KLEISNER, K., 2015. *Využití geometrické morfometriky pro studium ultrafialových vzorů žluťásků rodu Gonepteryx (Pieridae, Lepidoptera)*. Charles University, Prague: Presentation in Faculty of Science, Charles University.

PECHÁČEK, P., **STELLA, D.** and KLEISNER, K., 2014. *UV reflektance a komunikace*. České Budějovice, Czechia: Presentation in Faculty of Science, University of South Bohemia in České Budějovice.

STELLA, D., PECHÁČEK, P. and KLEISNER, K., 2014. *UV, Environment and Butterflies*. London, UK: Presentation in Natural History Museum.

STELLA, D., PECHÁČEK, P. and KLEISNER, K., 2014. Kovariance mezi intenzitou UV-reflektance, tvarem křídla a proměnnými prostředí u *Pieris napi* (Lepidoptera: Pieridae), *Zoologické Dny 2014*, 5.2.2014 2014, Ústav biologie obratlovců, pp. 124-125.

PECHÁČEK, P., **STELLA, D.**, KEIL, P. and KLEISNER, K., 2014. Environmental effects on the shape variation of male ultraviolet patterns in the Brimstone butterfly (*Gonepteryx rhamni*, Pieridae, Lepidoptera). *Naturwissenschaften*, **101**(12), pp. 1055-1063.

PECHÁČEK, P., **STELLA, D.** and KLEISNER, K., 2012. The Ultraviolet World of Invertebrates. *Živa*, **159**(1), pp. 25-28.

PECHÁČEK, P., **STELLA, D.** and KLEISNER, K., 2012. Vliv prostředí na tvarovou variabilitu ultrafialových signálů u *Gonepteryx rhamni*, 39. etologická konference, *Nové Město na Moravě*, 15.10.2012, Česká a slovenská etologická společnost, pp. 232-233.