

Mgr. Martin Sládeček

DATE OF BIRTH: 15.01.1990, Prague

EDUCATION:

- 2015-present **PhD** in ecology, Faculty of environmental sciences, Czech university of life sciences in Prague.
- 2012–2015 **MSc** in terrestrial ecology, Faculty of science, Charles university in Prague.
Diploma thesis: The role of individual traits in the Northern Lapwing (*Vanellus vanellus*) females on breeding performance, mating status and male incubation effort.
- 2009–2012 **BSc** in applied ecology Faculty of environmental sciences, Czech university of life sciences in Prague.
Bachelor thesis: Mating systems and incubation rhythms in shorebirds (*Charadriiformes*)
- 2001–2009 Gymnasium Přírodní škola, o.p.s., Prague

WORK EXPERIENCE (selection):

2017 – present: Faculty of environmental sciences, Czech university of life sciences in Prague. Lecturer, and from **2019** also employee on own project from technological agency of Czech Republic. **2014-2017** National Museum in Prague – cooperation with inventarisation of ornithological collections. 2010-present Centre of ecological education, Forestry of Prague: External lecturer. **2008-2009** Prague ZOO: guide. **2013-2018** leader of ornithological children hobby group in the Prague station of young naturalists.

TEACHING AND SUPERVISION:

- from 2017 preparation and teaching of several courses from statistical data analysis and R programming, both in Czech and English language.
- To a lesser extent teaching in courses of vertebrate zoology, ecology and methods of ecosystem studies.
- Supervision of 3 successfully completed bachelor thesis (other 6 is still in progress).

RESEARCH GRANTS:

TACR Zeta TJ02000199: Modular system for complex monitoring of breeding behaviour and nest success in birds, **Main investigator, 2019-2021.**

CIGA CZU 20184209: Sources of variation in reproduction success of subtropics birds: a case study on the Red-wattled Lapwing (*Vanellus indicus*), **Main investigator, 2016-2017.**

- 2 other projects as a co-investigator.

IGA FŽP 20164218: Signalling functions of melanin-based ornaments in shorebirds of family Charadriidae, **Main investigator, 2016-2018.**

CIGA CZU 20164209: Signalling functions of melanin-based ornaments in female Northern Lapwings (*Vanellus vanellus*), **Main investigator, 2016-2017.**

PUBLICATIONS (selection)

Sládeček M., Vozabulová E., Brynychová K. & Šálek M. 2019. Parental incubation exchange in a territorial bird species involves sex-specific signalling. *Frontiers in zoology* 16 (7): 1–12.

Sládeček M., Vozabulová E., Šálek M. & Bulla M. 2019. Diversity of incubation rhythms in a facultatively uniparental shorebird – the Northern Lapwing. *Scientific Reports* 9: 324426.

Kubelka V., **Sládeček M.** & Šálek M. **2019.** Great variability in nest lining size: support for thermoregulation but not for anti - predatory adaptation hypothesis. *Journal of ornithology*, in press. <https://doi.org/10.1007/s10336-019-01670-x>.

Bulla M., Valcu M., Prüter H., Vitnerová H., Tijssen W., **Sládeček M.**, Alves J.A., Gilg O., & Kempenaers B. **2017.** Flexible parental care: Uniparental incubation in biparentally incubating shorebirds. *Scientific Reports* 7: 12851.

Bulla M., Valcu M., Dokter AM., Dondua AG., Kosztolányi A., Rutten AL., Helm B., Sandercock BK., Casler B., Ens BJ., Spiegel CS., Hassell CJ., Küpper C., Minton C., Burgas D., Lank DB., Payer DC., Loktionov EY., Nol E., Kwon E., Smith F., Gates HR., Vitnerová H., Prüter H., Johnson JA., St Clair JJ., Lamarre JF., Rausch J., Reneerkens J., Conklin JR., Burger J., Liebezeit J., Bêty J., Coleman JT., Figuerola J., Hooijmeijer JC., Alves JA., Smith JA., Weidinger K., Koivula K., Gosbell K., Exo KM., Niles L., Koloski L., McKinnon L., Praus L., Klaassen M., Giroux MA., **Sládeček M.**, Boldenow ML., Goldstein MI., Šálek M., Senner N., Rönkä N., Lecomte N., Gilg O., Vincze O., Johnson OW., Smith PA., Woodard PF., Tomkovich PS., Battley PF., Bentzen R., Lanctot RB., Porter R., Saalfeld ST., Freeman S., Brown SC., Yezerinac S., Székely T., Montalvo T., Piersma T., Loverti V., Pakanen VM., Tijssen W. & Kempenaers B. **2016.** Unexpected diversity in socially synchronized rhythms of shorebirds. *Nature* Dec 1;540(7631):109-113.

Sládeček M., Kubelka V., Mlíkovský J. & Šálek, M. **2014.** Coping with nest predation risk in a species-rich bird community inhabiting a Siberian wetland. *Folia Zoologica* 63(4), 256-268.

Number of citations: 65, H-index: 5 (source Google Scholar)

CONFERENCE PRESENTATIONS (oral presentations and posters):

Sládeček M., Vozablová E., Vitnerová H., Kyriánová I. & Šálek M. **2017:** Against the trends: Is the Little Ringed Plover able to cope with snares of agricultural landscape? Oral presentation, International Wader Study Group Conference 2017, Prague, Czech Republic.

Sládeček M., Piálková R., Vitnerová H., Kubelka V. & Šálek M. **2015:** Incubation patterns in the Northern Lapwing: what motivates male to incubate more? Poster presentation, International Wader Study Group Conference 2014, Asbru, Iceland.

Sládeček M., Kubelka V., Karlíková Z., Mlíkovský J. & Šálek M **2014:** Preferences for nest-site and chick rearing habitat in an association of waders in one Siberian marschland. Poster presentation, International Wader Study Group Conference 2014, Haapsalu, Estonia.

- Dále prezentováno na 2 konferencích v ČR.

Sládeček M., Kubelka V., Mlíkovský J. & Šálek M. **2014:** Řekni mi, kdo jsi, a já ti povím, jak máš stavět hnízdo: ptačí průvodce hnízděním v bažinách u jezera Bajkal. Oral presentation, Kostelecké Inspirování, Kostelec nad černými lesy.

- Award for best student presentation of the conference.

Sládeček M., Mlíkovský J., Kubelka V., Zámečník V., Karlíková Z., Nacházelová M. & Šálek M. **2013:** Breeding communities of waders in Svjatoj Nos marshlands, Lake Baikal, Russia. Poster presentation, International Wader Study Group Conference 2013, Wilhelmshaven, Germany

- Presented also on 2 other conferences in CR

Firlová Veronika, Vozabulová Eva, Šálek Miroslav E., Burešová Anna & **Sládeček Martin**. 2017: Growth and feather development of Little Ringed Plover chicks. Poster presentation, International Wader Study Group Conference, Prague, Czech republic.

- Award for best student poster of the conference.
- Presented also on 2 other conferences in CR (1x best students poster)
- Supervisor of first author.

Firlová Veronika, Vozabulová Eva, Šálek Miroslav E., Burešová Anna & **Sládeček Martin**. 2018: Effect of momentary climatic conditions on chick feeding behavior and weight changes in Little Ringed Plover *Charadrius dubius*. Poster presentation, International Wader Study Group Conference 2018, Workum, Netherlands.

- Supervisor of first author.
- Author, or coauthor of more that 15 other posters and oral presentations on Czech and international conferences.

LANGUAGE SKILLS: English

MEMBERSHIP:

International Wader Study Group (IWSG) (from 2013); Czech Society for Ornithology (ČSO) (from 2013); Society of Czech birdringers KS NM (from 2008; from 2017 member of executive committee). Academical senate FŽP ČZU (from 2016).

AWARDS

- 2012 Honorable mention of the Dean of the Faculty of the Environmental sciences CULS in Prague for high quality of bachelor thesis.
- 2017 Josef Hlávka prize.

OTHER ACTIVITIES (selection):

Conference organisation: 2017 core organization team member IWSG annual conference in Prague (200 international participants), cooperation in organization teams: VII. European Conference on Behavioural Biology v Praze (2014), Zoologické dny (2018).

Software: R, SQLite, ArcGis Arcmap 9.2.

Research expeditions in abroad: Lake Baikal (2013 and 2014) and Chukotka (2015) – overall 110 days, solution of project MŠMT LH13278, Bulgaria (2016) 45 days, cooperation on project of AV ČR. Dubai – overall 4 expeditions (2018-2019) over 70 days, several projects CIGA and IGA FŽP.