

# Jan Holík (\*1991)

## Education

**2017 – present** Ph.D. studies in Forest Ecology, Faculty of Forestry and Wood Technology, Mendel University in Brno (Czech Republic)

**2014 – 2017** Master's studies in Forestry, Faculty of Forestry and Wood Technology, Mendel University in Brno (Czech Republic)

## Jobs and positions

**2017 – present** The Silva Tarouca Research Institute for Landscape and Ornamental Gardening, Department of Forest Ecology (Czech Republic)

**2015** Forest technician, Foresta SG, a.s. (Czech Republic)

## Courses, internships, conferences

**2022** Conference of the Czech Society for Ecology, Mendel University in Brno (Czech Republic), poster presentation of Neighbourhood effects on bark stripping

**2019** Abies 2019 IUFRO Conference in Krakow (Poland), poster presentation of Neighbourhood effects on browsing

**2018** Course on generalised linear mixed models, NIOZ (Netherlands)

**2018** Course on multivariate analysis, University of South Bohemia (Czech Republic)

**October 2016 – January 2017** Internship, University of Ljubljana (Slovenia)

**July – August 2016** Internship, Edmund Mach Foundation (Italy)

**October 2015 – June 2016** Internship, University of Ljubljana (Slovenia)

## Scientific activities

**2020 – present** Investigator of GAČR 20-17282S

**2019** Investigator of IGA LDF\_VP\_2019030

**2018** Investigator of IGA LDF\_VP\_2018009 and GAČR 16-18022S

## **Selected publications**

Holík J, Janík D 2022. Seed and seedling predation by vertebrates mediates the effects of adult trees in two temperate tree species. *Oecologia*, 199(3), 625-636.

Holík J, Janík D 2022. Spatial patterns in neighbourhood effects on woody plant selection and bark stripping by deer in a lowland alluvial forest. *Journal of Vegetation Science*, 33:e13114.

Holík J, Janík D, Adam D 2021. Light can modify density-dependent seedling mortality in a temperate forest. *Journal of Vegetation Science*, 32:e12992.

Holík J, Janík D, Hort L, Adam D 2021. Neighbourhood effects modify deer herbivory on tree seedlings. *European Journal of Forest Research*, 140(2), 403-417.

Li Y, Mayfield M M, Wang B, Xiao J, Král K, Janík D, Holík J, Chu C 2021. Beyond direct neighbourhood effects: higher-order interactions improve modelling and predicting tree survival and growth. *National Science Review*, 8(5).