

Jiří Kubásek - Curriculum vitae



Date and place of birth

July 17, 1979

Ústí nad Orlicí, Czech Republic

Nationality: Czech

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Education

<i>Institution</i>	Faculty of Biology, University of South Bohemia
<i>Date [from – to (month/year)]</i>	9/1998 - 4/2004
<i>Degree(s) or Diploma(s) obtained</i>	Master/ M.Sc. (Plant Physiology)

<i>Institution</i>	Faculty of Science, University of South Bohemia
<i>Date [from – to (month/year)]</i>	4/2004 –6/2014(interrupted between 9/2008-12/2009)
<i>Degree(s) or Diploma(s) obtained</i>	PhD degree in Experimental botany (obtained 6/2014)

PhD thesis: Photosynthesis, production and growth of plants under temporal light heterogeneity

Language skills: Competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

<i>Language</i>	<i>Reading</i>	<i>Speaking</i>	<i>Writing</i>
Czech	mother tongue		
English	2	2	2
Italian	3	4	3

Fields of scientific interest

- C₄ plant biology
- ecophysiology of photosynthesis
- stable isotope techniques in biology
- photosynthesis and growth under changing & heterogeneous environment (particularly under fluctuating light - „sunflecks“)
- (eco) physiology of bryophytes and lichens
- biostatistics

Other interests

photography, mycology (particularly Myxomycetes), motorcycle, Italy language, psychology

Current job

<i>Date [from – to (month/year)]</i>	5/2015 – to present
<i>Location</i>	České Budějovice, Czech Republic
<i>Company/Organization</i>	Faculty of Science, University of South Bohemia
<i>Position</i>	Post-doc
<i>Description</i>	Recently focused on stomatal physiology

Professional experiences

Date [from – to (month/year)]	4/2001 - 12/2007
Location	České Budějovice, Czech Republic
Company/Organization	Institute of Molecular Plant Biology, Academy of Science, CR
Position	Technician, partial-time job
Description	Activities supporting my M.Sc. and Ph.D. realization
Date [from – to (month/year)]	9/2008-12/2009
Location	Praha, Czech Republic
Company/Organization	StatSoft CR, Inc.
Position	Consultant, lector, analyst
Description	Lector of statistical trainings, data analysis, consulting with clients, STATISTICA software development
Date [from – to (month/year)]	9/2010 - 8/2014
Place	Brno, Czech Republic
Organization	Global Change Research Centre, Academy of Science, Czech Republic
Position	Scientific technician, Young researcher
Description	Ecophysiology of plants, stable isotope techniques, gas exchange techniques, statistics and data processing

Publications (WoS journals)

Author(s) + Year	Title	IF, Times cit.
Kubásek J, Šetlík J, Dwyer S, Šantrůček J. 2007	Light and growth temperature alter carbon isotope discrimination and estimated bundle sheath leakiness in C ₄ grasses and dicots. <i>Photosynthesis Research</i> 91 : 47-58.	IF: 3.091 cited: 41
Vondrák J, Šoun J, Hrouzek P, Říha P, Kubásek J, Palice Z, Sochting U. 2008	<i>Caloplaca subalpina</i> and <i>C. thracopontica</i> , two new saxicolous species from the <i>Caloplaca cerina</i> group (Teloschistales). <i>Lichenologist</i> 40 : 375-386.	IF: 1.865 cited: 13
Vondrák J, & Kubásek J, 2013	Algal stacks and fungal stacks as adaptations to high light in lichens. <i>Lichenologist</i> 45 : 115-124.	IF:1.865 cited: 6
Kubásek J, Urban O, Šantrůček J. 2013	C ₄ plants use fluctuating light less efficiently than do C ₃ plants: a study of growth, photosynthesis and carbon isotope discrimination. <i>Physiologia Plantarum</i> 149 : 528-539.	IF: 2.580 cited: 14
Kubásek J, Hájek T, Glime JM. 2014	Bryophyte photosynthesis in sunflecks: greater relative induction rate than in tracheophytes. <i>Journal of Bryology</i> 36 : 110-117.	IF: 1.079 cited: 5
Šantrůček J, Vráblová M, Šimková M, Hronková M <i>et al.</i> 2014	Stomatal and pavement cell density linked to leaf internal CO ₂ concentration. <i>Annals of Botany</i> 114 : 191-202.	IF: 3.646 cited: 12
Vráblová M, Vrábl D, Hronková M, Kubásek J, Šantrůček J. 2017	Stomatal function, density and pattern, and CO ₂ assimilation in <i>Arabidopsis thaliana</i> tmm1 and sdd1-1 mutants. <i>Plant Biology</i> 19 : 689-701.	IF: 2.156 cited: 2
Plavcová L, Hronková M, Šimková M, Květoň J, Vráblová M, Kubásek J, Šantrůček J. 2018	Seasonal variation of delta O-18 and delta H-2 in leaf water of <i>Fagus sylvatica</i> L. and related water compartments.	IF: 2.833 cited: 1
Kubásek J. 2016	Optical Spectroscopy for Analysis of the Ratio of Stable Isotopes. Competition or Alternative for Conventional Mass Spectroscopy of Stable Isotopes (IRMS)? <i>Chemické listy</i> : 110 : 166-173.	IF: 0.26 cited: 1

Publication (SCOPUS journals)

R. Pokorný, P. Rajsnerová, J. Kubásek, I. Marková, I. Tomášková (2012). Effect of early to late wood proportion on norway spruce biomass. *Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis* **37**: 287-292.

I. Marková, J. Kubásek (2013). Transmittance of young Norway spruce stand canopy for photosynthetically active radiation during the growing season. *Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis* **61**: 129-135.

Suma of citations from WoS: 95 (to september 2018)

H-index according to WoS: 5 (to september 2018)

Other relevant information (Conferences, achievements, trainings, science popularization)

- >10 international conference presentations
- Invited speech at FESPB 2006, Lyon, France
- prof. Kutáček award obtained in 2005, Plant physiology days, Bratislava, SR.
- 25 popularizing articles published in "Vesmír" journal.
- 14-day stay in 2008 at ecophysiology department of Szent Istvan University in Godollo, Hungary.
- Two interviews in years 2008 and 2012 for Czech Radio Leonardo (broadcasts Natura and Vstupte!)
- Interview for magazine Respect (11/2013)
- One-week training on stable isotopes in biology held by cooperation of Faculty of Science, University of South Bohemia and Technical University of Munich, 2006).
- Award of 4. order in competition "Plant with a story" held by Institute of experimental botany Academy of Science, Czech Republic.
- Two weeks stay in Zurich ETH, Switzerland 2013 (participation on stable isotope labelling experiment).
- One week stable isotope training SIFER, Nancy, France, 2014.