Jiri Hulcr

Associate Professor, School of Forest Resources and Conservation, University of Florida in Gainesville, FL
Appointment: 60% research, 40% extension.
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Expertise

Over 15 years of experience in systematics, ecology and symbioses of insects and fungi. Twelve years of experience as the State specialist in forest entomology. Extensive experience with science and policy consultation to forestry and fruit industries in the US, Europe, Asia and the United Nations.

Professional Preparation

Undergraduate

B. Sc. And M. Sc., University of South Bohemia, Czech Republic: Entomology, 2001

Graduate

PhD, Michigan State University: Entomology, 2009
PhD, University of South Bohemia, Czech Republic: Entomology, 2008

Postdoctoral

University of Wisconsin-Madison: Bacteriology, 2009-2010
North Carolina State University: Microbial symbiosis, 2010-2012

Current

Associate (previously Assistant) Professor, University of Florida, 2012-present

Publications

Peer-reviewed research papers: 135
Books: 2, Book chapters: 4
H-index: 45, times cited: >6,000

Significant publications:

- J Hulcr, RR Dunn, 2011. The sudden emergence of pathogenicity in insect–fungus symbioses threatens naïve forest ecosystems. ***Proceedings of the Royal Society B***: Biological Sciences 278 (1720), 2866-2873
- J Hulcr, LL Stelinski. 2017. The ambrosia symbiosis: from evolutionary ecology to practical management. ***Annual Review of Entomology*** 62, 285-303
- V Novotny, SE Miller, J Hulcr, RAI Drew, Y Basset, M Janda, GP Setliff, et al. 2010. Low beta diversity of herbivorous insects in tropical forests. ***Nature*** 448 (7154), 692-695

Funding

Total funding: over $5,000,000
Grants over $500,000 as the Principal Investigator:

NSF	Ambrosia beetles and fungi – a comprehensive global survey	$668,980
US Forest Service	Sentinel gardens of American Trees in China	$638,536
NSF	The Pygmy Borers (Col., Scolytinae: Cryphalini): revision of genera, evolution of the genome, and modernization of insect systematics	$527,000
NSF	Bark Beetle Mycobiome – Research Coordination Network	$500,000

Significant activities

Bark Beetle Academy: global workshop on systematics and invasive species:
https://ambrosiasymbiosis.org/academy/