PUBLICATIONS

Book Chapters:

Books and Book Chapters Edited:

Peer-reviewed Publications (besides Journal publications or refereed proceedings)

1 Graduate or undergraduate students indicated with an asterisk (*) and postdocs with two asterisks (**).


Refereed Journals:

Currently in review or revision
Kaur J* CB Harder** J Sharma. (under revision per journal reviewers).
Core endophytic bacterial communities of congeneric temperate orchids are differentially abundant and uncoupled from soil, but linked to host phenology and demography. Molecular Ecology. IF 6.131

Cook K* J Sharma AD Taylor I Harriott DL Taylor. (Submitted July 2020).


Orchid root endophytes produce IAA and promote cross-genus protocorm growth. Physiologia Plantarum. IF 4.148
Host population size is linked to orchid mycorrhizal fungal communities in roots and soil, which are shaped by microenvironment. Mycorrhiza. IF 3.215

Published


Peterson BJ* WR Graves J Sharma. 2009. Color of pubescence on bud scales conflicts with keys for identifying species of Dirca (Thymelaeaceae). Rhodora 111(945): 126-130. IF 0.927


Refereed Proceedings:

Invited:


**Volunteered:**


**Abstracts:**

**Invited International:**


Sharma J. 2010. Orchids: models for biological interactions. Swiss Mass Spectrometry Group Conference. 4-5 November. EPFL, Lausanne, Switzerland. (Abstract; Oral)


**Volunteered International: total of 10**


Kaur J* CB Harder J Sharma. 2020. Endophytic bacterial communities of congeneric temperate orchids are distinct and uncoupled from soil, but linked to host phenology and population size. 23rd World Orchid Conference. April. Taichung City, Taiwan. (Abstract; Poster)


Sharma J. 2013. Overview of multiple, multifaceted orchid conservation projects. 5th International Orchid Conservation Congress. Reunion. 2-6 December. Saint-Denis, Ile De La Reunion. (Abstract; Poster)

Smith ME, GM Bonito, ZW Ge, J Sharma, and TB Brenneman. 2013. Exploring the potential of co-cropping the pecan truffle (Tuber lyonii) with pecan (Carya illinoinensis) in the Southeastern US. 1st International Congress of Trufficulture. 5-8 March. Teruel, Spain. (Abstract; Poster)


Invited National:


**Volunteered National:**


Kaur J* and J Sharma. 2018. Microniche characterization of a rare terrestrial orchid explains its population dynamics. 11th International Mycological Congress. 15-21 July. San Juan, Puerto Rico. (Abstract, Poster)


Kaur J* and J Sharma. 2017. Spatial differences in population demography of a rare orchid as a result of mycorrhizal fungi. Ecological Society of America. 6-11 August. Portland, Oregon. (Abstract; Poster)


Tovar PA* E Terhonen** J Kaur* and J Sharma. 2016. A rare orchid exhibits temporal and spatial specificity toward mycorrhizal fungi across its populations within the North American tallgrass prairie. Ecological Society of America. 7-12 August. Ft. Lauderdale, Florida. (Abstract; Poster)


Sharma J, GW Knox, and ML Ishida**. 2005. Root formation on stem cuttings of yellow-flowered cultivars of *Magnolia* is influenced by time-after-budbreak and IBA. American Society for Horticultural Science Conference. 19-22 July. Las Vegas, Nevada. (Abstract; Poster)


Ishida ML**, GW Knox, and J Sharma. 2004. Root formation on stem cuttings of yellow-flowered cultivars of *Magnolia* is influenced by time-after-budbreak and IBA. Southern Regional


Technical reports:


Sharma J, AV Ogram, and A Al-Agely. 2007. Mycorrhizae: implications for environmental remediation and resource conservation. 5pp. ENH-1086, Institute of Food and Agricultural Sciences, University of Florida.
Sciences, University of Florida.


Sharma J, DZ Haman, and RC Beeson. 2006. Water-conserving and runoff-reducing production systems for containerized plants: Some examples of recently developed technologies. 4 pp. ENH-1048, Institute of Food and Agricultural Sciences, University of Florida.


Other publications:


Newsletter articles:

In North Florida Research and Education Center Newsletter:


Sharma J. 2006. Rain gardens. 8(8). 10 April.


Sharma J. 2004. Several ornamental shrubs resistant to root-knot nematodes. 6(23). 8 November.


Media Releases:

Electronic Media:
http://www.youtube.com/watch?v=CE1rrj-G1Wc