

*Date of study*

January 2019- February 2021

*Date of Public Archiving:*

February 2021 (once accepted for publication)

*Last modified:*

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**Update 30 Nov 2023: Lizzie here, I am moving this to 'NotCompleted\_butArchived' folder as Darwin left his PhD.**

*Goal*

To understand and predict Winegrape pathogen host jumping, host ranges and virulence

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*General Files*

File	Where	What
Winegrape.txt	<a href="#">Github</a>	Descriptions of questions/hypotheses and analyses we want to run

*Data and Code*

**Github** <https://github.com/DarwinSodhi/Wine-Grape-Disease>

**KnB**

File	Where	What
<a href="#">Wine_grape_disease.xlsx</a>	Github repo: <a href="https://github.com/DarwinSodhi/Wine-Grape-Disease">https://github.com/DarwinSodhi/Wine-Grape-Disease</a>	Data collected on winegrape pathogens
<a href="#">Botryosphaeriaceae</a> <a href="#">Fungal</a> <a href="#">Pests</a> <a href="#">nematode</a>	Github repo: <a href="https://github.com/DarwinSodhi/Wine-Grape-Disease">https://github.com/DarwinSodhi/Wine-Grape-Disease</a>	Raw data on synonyms of Botryosphaeriaceae, fungal, pest and nematode species
<a href="#">Pathogensandhosts.csv</a>	Github repo:	List of pathogens and

	<a href="https://github.com/DarwinSodhi/Wine-Grape-Disease">https://github.com/DarwinSodhi/Wine-Grape-Disease</a>	agricultural hosts they are found on
<a href="#">agricultural_species.csv</a>	Github repo: <a href="https://github.com/DarwinSodhi/Wine-Grape-Disease">https://github.com/DarwinSodhi/Wine-Grape-Disease</a>	Full list of all agricultural species on earth
<a href="#">MNTD_MPDcomparison.xlsx</a>	Github repo: <a href="https://github.com/DarwinSodhi/Wine-Grape-Disease">https://github.com/DarwinSodhi/Wine-Grape-Disease</a>	Comparing MPD and MNTD based on the different analyses
<a href="#">analysis</a>	Github repo: <a href="https://github.com/DarwinSodhi/Wine-Grape-Disease">https://github.com/DarwinSodhi/Wine-Grape-Disease</a>	All analyses conducted in the first wine grape paper
<a href="#">Zanne_et_al_2013</a>	Github repo: <a href="https://github.com/DarwinSodhi/Wine-Grape-Disease">https://github.com/DarwinSodhi/Wine-Grape-Disease</a>	Phylogenetic tree used for all analyses
<a href="#">figures</a>	Github repo: <a href="https://github.com/DarwinSodhi/Wine-Grape-Disease">https://github.com/DarwinSodhi/Wine-Grape-Disease</a>	All figures in winegrape paper
<a href="#">winegrapepathogens.txt</a>	Github repo: <a href="https://github.com/DarwinSodhi/Wine-Grape-Disease">https://github.com/DarwinSodhi/Wine-Grape-Disease</a>	Text document containing all winegrape pathogens and their host ranges taken from CABI
<a href="#">allGrapepests.csv</a>	Github repo: <a href="https://github.com/DarwinSodhi/Wine-Grape-Disease">https://github.com/DarwinSodhi/Wine-Grape-Disease</a>	CSV file of nicely formatted winegrape pathogens and their entire host range
<a href="#">yieldLoss.csv</a>	Github repo: <a href="https://github.com/DarwinSodhi/Wine-Grape-Disease">https://github.com/DarwinSodhi/Wine-Grape-Disease</a>	CSV file of all virulence data for all pathogens scraped from CABI