Cornell University Plant Disease Diagnostic Clinic

Diagnostic Review Report

Host		Diagnosis		Confidence (to genus)			
Scientific Name	This section reports samples from all statuses. Each sample may have one or more diagnostic Name Common Name This section reports samples from all statuses. Each sample may have one or more diagnostic Name This section reports samples from all statuses. Each sample may have one or more diagnostic Name		Confirmed	Not Detected	Suspected	Inconclusive	
		Time Period Report for May 21 st through May 27 th 2019					
Buxus sp./spp. Boxwood Boxwood blight; Leaf and stem blight (Calonectria pseudonaviculata)		0	4	0	0		
Buxus sp./spp.	Boxwood	Boxwood Macrophoma leaf spot (<i>Dothiorella candollei</i>)	1	0	0	0	
Buxus sp./spp.	Boxwood	Freeze; Frost; Cold damage (Abiotic disorder)	0	0	1	0	
Buxus sp./spp.	Boxwood	Mechanical damage (Abiotic disorder)	0	0	2	0	
Buxus sp./spp.	Boxwood	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		0	0	0	
Buxus sp./spp.	Boxwood	Oedema; Edema (Abiotic disorder)	0	0	1	0	
Buxus sp./spp.	Boxwood	Spider mites (Family Tetranychidae)	0	0	1	0	
Buxus sp./spp.	Boxwood	Unspecified pathology (Colletotrichum sp./spp.)	1	0	0	0	
Buxus sp./spp.	Boxwood	Unspecified pathology (<i>Fusarium</i> sp./spp.)	1	0	0	0	
Buxus sp./spp.	Boxwood	Volutella leaf blight; Dieback (<i>Volutella</i> sp./spp.)	1	0	0	0	
Buxus sp./spp.	Boxwood	Winter injury (Abiotic disorder)	0	0	2	0	
Hedera helix	English Ivy	Insufficient sample (Identification Analysis)	1	0	0	0	
Juniperus sp./spp.	Juniper	Unspecified pathology (<i>Phomopsis</i> sp./spp.)	1	0	0	0	
Juniperus sp./spp.	Juniper	Wound canker (Abiotic disorder)	1	0	0	0	

Confirmed - The diagnosis was derived using approved molecular technologies, serological testing and/or morphological observations which allowed for the confirmation of the organism to Genus, species and/or race or pathovar level.

Not Detected -The sample was submitted as a suspect sample or as part of survey project. The pathogen was not detected on this sample at this time using approved molecular technologies, serological testing and/or morphological observations.

Suspected - Diagnostic symptoms of the pathogen were present but evidence of the pathogen could not be confirmed at this time. This term may also be used at the species level if confirmations cannot be made. This term may also be used with abiotic entries.

Inconclusive - Although a suitable sample was received, a reliable result could not be achieved. For example, the test kit may have not worked correctly and there was no sample material remaining to perform the test again.

Or, no DNA was detected in a PCR analysis. Inhibitors may have been present in the sample. A second attempt may have been made with the same results. The only conclusion is to label the sample as inconclusive.

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Juniperus sp./spp.	Juniper	Phomopsis tip blight; Needle blight (<i>Phomopsis juniperovora</i>)	0	0	1	0		
Juniperus sp./spp.	Juniper	Root damage (Abiotic disorder)	0	0	1	0		
Lavandula sp./spp.	Lavender	rown rot; Root rot; Stem rot (<i>Phytophthora</i> sp./spp.)		1	0	0		
Lavandula sp./spp.	Lavender	High soil moisture (Abiotic disorder)		0	1	0		
Lavandula sp./spp.	Lavender	Rhizoctonia root and stem rot (<i>Rhizoctonia solani</i>)		0	0	0		
Pelargonium sp./spp.	Geranium (cultivated)	Bacterial wilt (<i>Ralstonia solanacearum</i>)		1	0	0		
Pelargonium sp./spp.	Geranium (cultivated)	Black leg; Pythium stem rot (<i>Pythium</i> sp./spp.)		1	0	0		
Pelargonium sp./spp.	Geranium (cultivated)	High soluble salt (Abiotic disorder)	0	0	1	0		
Picea sp./spp.	Spruce	Eriophyid mites (Family Eriophyidae)	1	0	0	0		
Picea sp./spp.	Spruce	High soil moisture (Abiotic disorder)	0	0	1	0		
Picea sp./spp.	Spruce	Stigmina needle blight (<i>Stigmina lautii</i>)	1	0	0	0		
Pinus sp./spp.	Pine	Cenangium twig blight; Canker (Cenangium ferruginosum)	1	0	0	0		

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Quercus michauxii	Swamp Chestnut oak	Unknown abiotic disorder (Abiotic disorder)		0	0	1	0	
Quercus michauxii	Swamp Chestnut oak	Unspecified pathology (<i>Phomopsis sp./spp.</i>)		1	0	0	0	
Trichilia emetica	Natal Mahogany	Root damage (Abiotic disorder)		0	0	1	0	
Trichilia emetica	Natal Mahogany	Unspecified pathology (Colletotrichum sp./spp.)		1	0	0	0	
Vaccinium sp./spp.	Blueberry	Anthracnose (Colletotrichum sp./spp.)		1	0	0	0	

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