# **Cornell University Plant Disease Diagnostic Clinic**

(= C. sericea)

dogwood

#### **Diagnostic Review Report**

Host		Diagnosis		Confidence (to genus)				
Scientific Name	Common Name	This section reports samples from all statuses. Each sample may have one or more diagnosis or identification; hence this section does not represent the total number of samples	Confirmed	Not Detected	Suspected	Inconclusive		
		Time Period Report for May 3 <sup>rd</sup> through May 9 <sup>th</sup> , 2016						
Abies balsamea	Balsam Fir	High Soil Moisture (Abiotic disorder)	0	0	1	0		
Abies balsamea	Balsam Fir	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0		
Abies balsamea	Balsam Fir	Winter Injury (Abiotic disorder)	0	0	4	0		
Acer palmatum	Japanese Maple	Canker; Coral Spot; Blight; Dieback (Nectria cinnabarina)	1	0	0	0		
Buxus sp./spp.	Boxwood	Moisture Stress (Abiotic disorder)	0	0	1	0		
Buxus sp./spp.	Boxwood	Boxwood Blight; Leaf and Stem Blight (Calonectria pseudonaviculata)	0	1	0	0		
Buxus sp./spp.	Boxwood	Sooty Mold (Unidentified Fungus)	1	0	0	0		
Buxus sp./spp.	Boxwood	Winter Injury (Abiotic disorder)	0	0	1	0		
Cornus stolonifera (= C. sericea)	Red Osier dogwood	Armillaria Root Rot ( <i>Armillaria</i> sp./spp.)	0	1	0	0		
Cornus stolonifera (= C. sericea)	Red Osier dogwood	Crown and Root Rot ( <i>Phytophthora</i> sp./spp.)	0	1	0	0		
Cornus stolonifera (= C. sericea)	Red Osier dogwood	Dieback; Canker; Twig Blight ( <i>Botryosphaeria</i> sp./spp.)	1	0	0	0		
Cornus stolonifera	Red Osier	Root Damage (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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Matthiola sp./spp.	Stocks	Rhizoctonia Stem and Root Rot ( <i>Rhizoctonia</i> sp./spp.)	1	0	0	0		
Ostrya virginiana	Hophornbeam	Leaf blister (Taphrina virginica)	1	0	0	0		
Peperomia argyreia	Watermelon Peperomia	Cucumber Mosaic (Cucumber Mosaic Virus (CMV))	0	1	0	0		
Peperomia argyreia	Watermelon Peperomia	High Soluble Salt (Abiotic disorder)	0	0	1	0		
Peperomia argyreia	Watermelon Peperomia	Oedema; Edema (Abiotic disorder)	0	0	1	0		
Peperomia argyreia	Watermelon Peperomia	Phyllosticta Leaf Spot ( <i>Phyllosticta</i> sp./spp.)	0	0	1	0		
Picea pungens	Blue Spruce	High Soil Moisture (Abiotic disorder)	0	0	1	0		
Picea pungens	Blue Spruce	No Pathogen Found (Identification Analysis)	1	0	0	0		
Picea pungens	Blue Spruce	Transplant Shock; Stress (Abiotic disorder)	0	0	1	0		
Pinus parviflora	Japanese White pine	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0		
Pinus parviflora	Japanese White pine	Root Damage (Abiotic disorder)	0	0	1	0		
Pinus parviflora	Japanese White pine	Unidentified Insect (Unidentified Insect)	0	0	1	0		

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Pinus strobus	Eastern White pine	Canavirgella Needle Cast (Lophophacidium dooksii)	1	0	0	0	
Quercus rubra	Northern Red oak	Armillaria Root Rot ( <i>Armillaria</i> sp./spp.)	1	0	0	0	
Quercus rubra	Northern Red oak	Crown and Root Rot ( <i>Phytophthora</i> sp./spp.)	0	1	0	0	
Quercus rubra	Northern Red oak	High Soil Moisture (Abiotic disorder)	0	0	1	0	

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