Cornell University Plant Disease Diagnostic Clinic

Macrophoma Blight; Dieback (Macrophoma sp./spp.)

Entomosporium Leaf Spot (Entomosporium sp./spp.)

Bark Damage (Abiotic disorder)

Excessive Mulch (Abiotic disorder)

Verticillium Wilt (Verticillium sp./spp.)

Buxus sp./spp.

Cercis canadensis

Cercis canadensis

Cercis canadensis

Crataegus

sp./spp.)

Boxwood

Eastern Redbud

Eastern Redbud

Eastern Redbud

Hawthorn

Diagnostic Review Report

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1

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0 1

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0

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		Not Detected	Suspected	Inconclusive		
		Time Period Report for September17 th through September 23 rd , 2013						
Abies concolor	White Fir	Cytospora Canker; Dieback (<i>Cytospora</i> sp./spp.)		0	1	0		
Abies concolor	White Fir	Pine Weevils (Family Curculionidae)		0	1	0		
Abies concolor	White Fir	Wound Canker (Abiotic disorder)		0	0	0		
Acer rubrum	Red Maple	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		0	0	0		
Acer rubrum	Red Maple	Root Damage (Abiotic disorder)		0	1	0		
Betula papyrifera	Paper Birch	Anthracnose (<i>Discula betulina</i>)		0	0	0		
Buxus sp./spp.	Boxwood	Boxwood Blight; Leaf and Stem Blight (<i>Calonectria</i> (ana. <i>Cylindrocladium</i>) pseudonaviculata (pseudonaviculatum))		0	1	0		
Buxus sp./spp.	Boxwood	Boxwood Volutella Blight; Canker (<i>Volutella buxi</i>)		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.

- 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.

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.

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Diagnostic Review Report

Host		Diagnosis		Confidence (to genus)				
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Kalmia latifolia Mountain Laurel Leaf Spot (Pseudocercospora kalmiae)		1	0	0	0			
Kalmia latifolia	Mountain Laurel	Unknown Abiotic Disorder (Abiotic disorder)		0	0	1	0	
Paeonia sp./spp.	Peony	High Soil Moisture (Abiotic disorder)		0	0	1	0	
Paeonia sp./spp.	Peony	Peony Leaf Blotch (Cladosporium paeoniae)		1	0	0	0	
Picea sp./spp.	Spruce	Moisture Stress (Abiotic disorder)		0	0	2	0	
Picea sp./spp.	Spruce	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	1	0	
Picea sp./spp.	Spruce	Wood Boring Insect Damage (Unidentified Wood Boring Insect)		1	0	0	0	
Pinus strobus	Eastern White pine	Eriophyid Mites (Family Eriophyidae)		1	0	0	0	
Pinus strobus	Eastern White pine	High Soil Moisture (Abiotic disorder)		0	0	1	0	
Pinus strobus	Eastern White pine	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Platanus sp./spp.	Planetree (sycamore)	Bacterial Leaf Scorch (BLS) (Xylella fastidiosa (BLS))		1	0	0	0	
Prunus cerasus	Sour Cherry	Insect Damage (Unidentified Insect)		0	0	1	0	

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Prunus cerasus	Sour Cherry	Unknown Abiotic Disorder (Abiotic disorder)		0	0	1	0	
Pyrus communis	Pear	Canker; Stem Blight; Dieback (<i>Botryosphaeria dothidea</i>)		1	0	0	0	
Pyrus communis	Pear	Entomosporium Leaf Spot (<i>Entomosporium</i> sp./spp.)		1	0	0	0	
Pyrus communis	Pear	Wound Canker (Abiotic disorder)		0	0	1	0	
Quercus falcata	Red Oak	Additional Sample Requested (Identification Analysis)		1	0	0	0	
Quercus falcata	Red Oak	Armillaria Root Rot (<i>Armillaria (Armillariella</i>) sp./spp.)		0	0	1	0	
Quercus lyrata	Overcup Oak	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Quercus lyrata	Overcup Oak	Spider Mites (Family Tetranychidae)		1	0	0	0	
Quercus lyrata	Overcup Oak	Transplant Shock; Stress (Abiotic disorder)		0	0	1	0	
Ulmus sp./spp.	Elm	Additional Sample Requested (Identification Analysis)		1	0	0	0	
X cupressocyparis leylandii	Leyland Cypress	Pestalotiopsis Needle Blight; Tip Blight (<i>Pestalotiopsis</i> sp./spp.)		1	0	0	0	
X cupressocyparis leylandii	Leyland Cypress	Tip Blight (<i>Diplodia</i> sp./spp.)		1	0	0	0	
X cupressocyparis leylandii	Leyland Cypress	Unknown Abiotic Disorder (Abiotic disorder)		0	0	1	0	

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