Boxwood Blight; Leaf and Stem Blight (Calonectria pseudonaviculata)

Boxwood Mite (Eurytetranychus buxi)

Black Root Rot (Thielaviopsis basicola)

Stem Blight (Fusarium sp./spp.)

Macrophoma Leaf Spot (Macrophoma sp./spp.)

Herbicide Injury; Exposure (Abiotic disorder)

Boxwood Psyllid (Psylla buxi)

Horsechestnut

Boxwood

Boxwood

Boxwood

Boxwood

Madagascar

Madagascar

Japanese Cedar

Periwinkle;

Periwinkle;

vinca

vinca

hippocastanum

Buxus sp./spp.

Buxus sp./spp.

Buxus sp./spp.

Buxus sp./spp.

Catharanthus

Catharanthus

Cryptomeria

japonica

roseus

roseus

Diagnostic Review Report

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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 17 th through May 2	3 rd , 2016					
Acer saccharinum	Silver Maple	Dieback; Canker; Twig Blight (Botryosphaeria sp./spp.)			1	0	0	0
Aesculus hippocastanum	Common Horsechestnut	No Pathogen Found (Identification Analysis)			1	0	0	0
Aesculus	Common	Squirrel Damage (Abiotic disorder)			0	0	1	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.

Diagnostic Review Report

Host		Diagnosis		Confidence (to genus)		
Scientific Name	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
Cryptomeria japonica	Japanese Cedar	No Pathogen Found (Identification Analysis)	1	0	0	0
Cryptomeria japonica	Japanese Cedar	Cercospora Needle Blight (Cercospora sp./spp.)	0	1	0	0
Cryptomeria japonica	Japanese Cedar	Pestalotiopsis Needle Blight; Tip Blight (<i>Pestalotiopsis</i> sp./spp.)	1	0	0	0
Cryptomeria japonica	Japanese Cedar	Scale Insects (Order homoptera)	1	0	0	0
Cryptomeria japonica	Japanese Cedar	Spider Mites (Family Tetranychidae)	0	0	1	0
Euonymus sp./spp.	Euonymus	Bacterial Crown Gall (Rhizobium radiobacter)	0	0	1	0
Helleborus sp./spp.	Hellebore	Phytophthora Stem Rot (<i>Phytophthora</i> sp./spp.)	1	0	0	0
Ilex crenata	Japanese Holly	Black Root Rot (<i>Thielaviopsis basicola</i>)	1	0	0	0
Juniperus sp./spp.	Juniper	Moisture Stress (Abiotic disorder)	0	0	1	0
Juniperus sp./spp.	Juniper	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Juniperus sp./spp.	Juniper	Root Damage (Abiotic disorder)	0	0	1	0
Lycopersicon esculentum	Tomato	No Pathogen Found (Identification Analysis)	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.

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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		
Lycopersicon esculentum	Tomato	Nutritional Deficiency (Abiotic disorder)		0	0	1	0		
Ocimum basilicum	Sweet Basil	Fusarium Stem Rot (<i>Fusarium</i> sp./spp.)		0	1	0	0		
Ocimum basilicum	Sweet Basil	Stem Rot (<i>Botrytis</i> sp./spp.)		1	0	0	0		
Ocimum basilicum	Sweet Basil	Downy Mildew (Peronospora belbahrii)		0	2	0	0		
Ocimum basilicum	Sweet Basil	Nutritional Deficiency (Abiotic disorder)		0	0	1	0		
Ocimum basilicum	Sweet Basil	Sunscald (Abiotic disorder)		0	0	2	0		
Picea pungens	Blue Spruce	High Soil Moisture (Abiotic disorder)		0	0	2	0		
Picea pungens	Blue Spruce	Nutrient Imbalance (Abiotic disorder)		0	0	1	0		
Picea pungens	Blue Spruce	Stigmina Needle Blight (<i>Stigmina lautii</i>)		1	0	0	0		
Picea pungens	Blue Spruce	Weir's Cushion Rust (<i>Chrysomyxa weirii</i>)		1	0	0	0		
Prunus persica	Peach	Cytospora Canker; Dieback (Cytospora sp./spp.)		0	1	0	0		
Prunus persica	Peach	Peach Bacterial Gummosis (<i>Pseudomonas syringae</i>)		0	0	1	0		
Prunus persica	Peach	Unknown Abiotic Disorder (Abiotic disorder)		0	0	1	0		
Pseudotsuga menziesii	Douglas-fir	Rhabdocline Needle Cast (<i>Rhabdocline</i> sp./spp.)		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.

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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		Not Detected	Suspected	a	
Pseudotsuga menziesii	Douglas-fir	Swiss Needle Cast (<i>Phaeocryptopus gaeumanni</i>)		0	0	0	
Taxus baccata repandans	Spreading English yew	Crown Rot; Root Rot; Stem Rot (<i>Phytophthora</i> sp./spp.)		0	0	0	
Taxus baccata repandans	Spreading English yew	High Soil Moisture (Abiotic disorder)		0	1	0	
Viburnum sp./spp.	Viburnum	Anthracnose (Gloeosporium sp./spp.)		0	1	0	
Viburnum sp./spp.	Viburnum	Root Damage (Abiotic disorder)	0	0	1	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.

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