Cornell University Plant Disease Diagnostic Clinic

Unknown Abiotic Disorder (Abiotic disorder)

Root Damage (Abiotic disorder)

Scale Insects (Order homoptera)

Norway Spruce Shoot Gall Midge (Piceacecis abietiperda)

Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)

lanceolata

lanceolata

Picea abies

Picea abies

Picea abies

Picea abies

Cunninghamia

China Fir

Norway Spruce

Norway Spruce

Norway Spruce

Norway Spruce

Diagnostic Review Report

0 0

1 0

0 0

1 0

1

0

1

0

0

0

0

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	Confirmed	Not Detected	Suspected	Inconclusive	
		Time Period Report for February 23 rd through March 4 th , 2016					
Buxus sp./spp.	Boxwood	Additional Sample Requested (Identification Analysis)	1	0	0	0	
Coniferous evergreens	Conifers: Softwoods	High Soil Moisture (Abiotic disorder)	0	0	1	0	
Coniferous evergreens	Conifers: Softwoods	Scale Insects (Order homoptera)	1	0	0	0	
Coniferous evergreens	Conifers: Softwoods	Stigmina Needle Blight (Stigmina lautii)	1	0	0	0	
Coniferous evergreens	Conifers: Softwoods	Transplant Shock; Stress (Abiotic disorder)	0	0	1	0	
Cunninghamia	China Fir	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	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.

Cornell University Plant Disease Diagnostic Clinic

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
Quercus falcata	Red Oak Wood Rot Fungus; Dryadeus Root Rot (<i>Inonotus dryadeus</i>)		0	0	1	0	
Quercus muehlenbergii	Chinquapin Oak	Armillaria Root Rot (<i>Armillaria</i> sp./spp.)		0	1	0	0
Quercus muehlenbergii	Chinquapin Oak	Crown and Root Rot (<i>Phytophthora</i> sp./spp.)		0	1	0	0
Quercus muehlenbergii	Chinquapin Oak	Unknown Abiotic Disorder (Abiotic disorder)		0	0	1	0
Quercus phellos	Willow Oak	Mycorrhizal Fungus (Unidentified Fungus)		1	0	0	0
Quercus phellos	Willow Oak	Wood Decay Fungus (Unidentified Fungus)		0	0	2	0
Thuja sp./spp.	Arborvitae	Deer Damage (Abiotic disorder)		0	0	1	0
<i>Thuja</i> sp./spp.	Arborvitae	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		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.