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
Time Period Report for July 5th through July 10th, 2017						
Abies balsamea phanerolepsis	Canaan Fir	Scale insects (Order Homoptera)	1	0	0	0
Abies balsamea phanerolepsis	Canaan Fir	Spider mites (Family Tetranychidae)	0	0	1	0
Abies balsamea phanerolepsis	Canaan Fir	Wound canker (Abiotic disorder)	0	0	1	0
Betula nigra	River Birch	Armillaria root rot (*Armillaria* sp./spp.)	0	1	0	0
Betula nigra	River Birch	Crown and root rot (*Phytophthora* sp./spp.)	0	1	0	0
Lycopersicon esculentum	Tomato	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Malus pumila	Paradise Apple	Apple scab (Venturia inaequalis)	1	0	0	0
Malus pumila	Paradise Apple	Fire blight (*Erwinia amylovora*)	0	0	1	0
Malus pumila	Paradise Apple	Rust (*Gymnosporangium* sp./spp.)	1	0	0	0
Malus sp./spp.	Crabapple	Canker (Unidentified Agent)	0	0	1	0
Malus sp./spp.	Crabapple	Rust (*Gymnosporangium* 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.

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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Host		Diagnosis	Confidence (to genus)			
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Pinus sp./spp.	Pine	Insect damage (Unidentified Insect)	1	0	0	0
Pinus sp./spp.	Pine	Tip blight (*Diplodia* sp./spp.)	1	0	0	0
Pyrus calleryana	Callery Pear	Additional sample requested (Identification Analysis)	1	0	0	0
Pyrus calleryana	Callery Pear	Root damage (Abiotic disorder)	0	0	1	0
Pyrus calleryana	Callery Pear	Rust (*Gymnosporangium* sp./spp.)	1	0	0	0
Quercus rubra	Northern Red oak	Herbicide injury; Exposure (Abiotic disorder)	0	0	1	0
Triticum aestivum	Winter Wheat	Fusarium root rot (*Fusarium* sp./spp.)	0	0	1	0
Triticum aestivum	Winter Wheat	Rhizopus rot (*Rhizopus* sp./spp.)	1	0	0	0
Triticum aestivum	Winter Wheat	Unidentified bacteria (Unidentified Bacteria)	1	0	0	0
Triticum aestivum	Winter Wheat	Unspecified pathology (*Alternaria* sp./spp.)	1	0	0	0
Triticum aestivum	Winter Wheat	Yeast contamination (Yeast Contamination)	1	0	0	0
Ulmus americana	American Elm	Dutch elm disease (*Ophiostoma* sp./spp.)	4	0	0	0
Weigela sp./spp.	Weigela	Insufficient sample (Identification Analysis)	1	0	0	0
Zelkova sp./spp.	Zelkova	Crown and root rot (*Phytophthora* sp./spp.)	0	1	0	0

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Diagnostic Review Report

Host		Diagnosis	Confidence (to genus)			
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Zelkova sp./spp.	Zelkova	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Zelkova sp./spp.	Zelkova	Wood boring insect damage (Unidentified Wood Boring Insect)	1	0	0	0
Zelkova sp./spp.	Zelkova	Wood decay fungus (Unidentified Fungus)	1	0	0	0

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