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 May 14th through May 20th 2019				
Abies balsamea	Balsam Fir	Balsam twig aphid (*Mindarus pinicola* (*abietinus*))	0	0	1	0
Abies balsamea	Balsam Fir	Lichens (Lichenes)	1	0	0	0
Abies balsamea	Balsam Fir	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Abies balsamea	Balsam Fir	Spider mites (Family Tetranychidae)	1	0	0	0
Abies balsamea	Balsam Fir	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Acer palmatum	Japanese Maple	Freeze; Frost; Cold damage (Abiotic disorder)	0	0	1	0
Acer palmatum	Japanese Maple	Root damage (Abiotic disorder)	1	0	0	0
Antirrhinium sp./spp. hybrids	Snapdragon	Pythium root and/or crown rot (*Pythium* sp./spp.)	1	0	0	0
Buxus sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (*Calonectria pseudonaviculata*)	1	1	0	0
Buxus sp./spp.	Boxwood	Mechanical damage (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Sooty mold (Unidentified Fungus)	1	0	0	0
Buxus sp./spp.	Boxwood	Volutella leaf blight; Dieback (*Volutella* sp./spp.)	1	0	0	0

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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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Eruca sativa	Arugula	Rhizoctonia stem and root rot (*Rhizoctonia* sp./spp.)	1	0	0	0
Malus sp./spp.	Crabapple	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Malus sp./spp.	Crabapple	Root damage (Abiotic disorder)	0	0	1	0
Paeonia sp./spp.	Peony	Phytophthora dieback; Blight (*Phytophthora* sp./spp.)	1	0	0	0
Pelargonium x *hortorum*	House Geranium	Bacterial wilt (*Ralstonia solanacearum*)	0	1	0	0
Pelargonium x *hortorum*	House Geranium	Nutritional pathology (Abiotic disorder)	0	0	1	0
Picea glauca	White Spruce	Cytospora canker; Dieback (*Cytospora* sp./spp.)	0	1	0	0
Picea glauca	White Spruce	Spruce spider mite (*Oligonychus ununguis*)	0	0	1	0
Picea glauca	White Spruce	Stigmina needle blight (*Stigmina lautii*)	1	0	0	0
Picea pungens	Blue Spruce	High soil moisture (Abiotic disorder)	0	0	4	0
Picea pungens	Blue Spruce	No pathogen found (Identification Analysis)	3	0	0	0
Picea pungens	Blue Spruce	Rhizosphaera needle cast (*Rhizosphaera* sp./spp.)	1	0	0	0

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Picea pungens	Blue Spruce	Root damage (Abiotic disorder)	0	0	1	0
Picea pungens	Blue Spruce	Spruce spider mite (*Oligonychus ununguis*)	0	0	1	0
Picea pungens	Blue Spruce	Stigmina needle blight (*Stigmina lautii*)	2	0	0	0
Picea pungens	Blue Spruce	Weir's cushion rust (*Chrysomyxa weirii*)	3	0	0	0
Picea pungens	Blue Spruce	Winter injury (Abiotic disorder)	0	0	6	0
Picea pungens	Blue Spruce	Wood rot; White rot (*Irpex lacteus*)	0	0	1	0
Picea sp./spp.	Spruce	Dothistroma needle blight (*Dothistroma* sp./spp.)	1	0	0	0
Picea sp./spp.	Spruce	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Picea sp./spp.	Spruce	Spruce spider mite (*Oligonychus ununguis*)	0	0	1	0
Picea sp./spp.	Spruce	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Pseudotsuga menziesii	Douglas-fir	Swiss needle cast (*Phaeocryptopus gaeumanni*)	1	0	0	0
Quercus lyrata	Overcup Oak	Armillaria root rot (*Armillaria* sp./spp.)	0	1	0	0

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Quercus lyrata	Overcup Oak	Root rot (*Phytophthora* sp./spp.)	0	1	0	0
Quercus phellos	Willow Oak	Armillaria root rot (*Armillaria* sp./spp.)	0	1	0	0
Quercus phellos	Willow Oak	High soil moisture (Abiotic disorder)	0	0	1	0
Quercus phellos	Willow Oak	Root rot (*Phytophthora* sp./spp.)	0	1	0	0
Rhododendron sp. /spp.	Rhododendron	Crown rot; Root rot; Stem rot (*Phytophthora* sp./spp.)	0	1	0	0
Rhododendron sp. /spp.	Rhododendron	High soil moisture (Abiotic disorder)	0	0	1	0
Rhododendron sp. /spp.	Rhododendron	Wood decay fungus (Unidentified Fungus)	0	0	1	0
Rubus sp./spp.	Raspberry	Crown and root rot (*Phytophthora* sp./spp.)	1	0	0	0

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