Cornell University Plant Disease Diagnostic Clinic | Diagnostic Review Report

Time Period Report for May 7th through May 13th, 2013			Confidence (to genus)			
Host		**Diagnosis** 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**
Scientific Name	**Common Name**					
Allium fistulosum	bunching onion	No Pathogen Found (Identification Analysis)	1	0	0	0
Allium fistulosum	bunching onion	Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Apium graveolens var. *rapaceum*	Celeriac	Soil Compaction (Abiotic disorder)	0	0	1	0
Apium graveolens var. *rapaceum*	Celeriac	Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Boxwood Blight; Leaf and Stem Blight (*Calonectria* (ana. *Cylindrocladium) pseudonaviculata* (*pseudonaviculatum*))	0	1	0	0
Buxus sp./spp.	Boxwood	High Soil Moisture (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Phytophthora Crown: Root and/or Stem Rot (Phytophthora sp./spp.)	0	1	0	0
Calibrachoa sp./spp.	Million Bells	Chemical; Environmental Injury (Abiotic disorder)	0	0	1	0
Calibrachoa sp./spp.	Million Bells	No Pathogen Found (Identification Analysis)	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.

Cladrastis lutea	American Yellowwood	High Soil Moisture (Abiotic disorder)	0	0	1	0
Cladrastis lutea	American Yellowwood	Phytophthora Crown: Root and/or Stem Rot (Phytophthora sp./spp.)	0	1	0	0
Hakonechloa macra	Hakone Grass	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Hakonechloa macra	Hakone Grass	No Pathogen Found (Identification Analysis)	1	0	0	0
Lycopersicon sp./spp.	Tomato	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Lycopersicon sp./spp.	Tomato	Oedema; Edema (Abiotic disorder)	1	0	0	0
Picea pungens	Blue Spruce	Cytospora Canker; Dieback (Cytospora sp./spp.)	0	0	1	0
Picea pungens	Blue Spruce	Unknown Abiotic Disorder (Abiotic disorder)	0	0	1	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
Rhododendron sp./spp.	Rhododendron	High Soil Moisture (Abiotic disorder)	0	0	1	0
Rhododendron sp./spp.	Rhododendron	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Rhododendron sp./spp.	Rhododendron	Root Damage (Abiotic disorder)	0	0	1	0
Syringa vulgaris	Common Lilac	Root Damage (Abiotic disorder)	0	0	1	0

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Syringa vulgaris	Common Lilac	Verticillium Wilt (*Verticillium* sp./spp.)	0	1	0	0
Taxus sp./spp.	Yew	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	2	0	0	0
Taxus sp./spp.	Yew	Taxus Mealybug (*Dysmicoccus wistariae*)	0	0	1	0
Taxus sp./spp.	Yew	Wound Canker (Abiotic disorder)	0	0	1	0
Thuja sp./spp.	Arborvitae	Armillaria Root Rot (*Armillaria* (*Armillariella*) sp./spp.)	0	1	0	0
Thuja sp./spp.	Arborvitae	Moisture Stress (Abiotic disorder)	0	0	1	0
Thuja sp./spp.	Arborvitae	Phytophthora Crown: Root and/or Stem Rot (*Phytophthora* sp./spp.)	0	1	0	0
Tsuga canadensis	Eastern Hemlock	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Tsuga canadensis	Eastern Hemlock	Unknown Abiotic Disorder (Abiotic disorder)	0	0	1	0
Tsuga sp./spp.	Hemlock	Additional Sample Requested (Identification Analysis)	1	0	0	0
Tsuga sp./spp.	Hemlock	Root Damage (Abiotic disorder)	0	0	1	0

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