Cornell University Plant Disease Diagnostic Clinic

Swiss Needle Cast (Phaeocryptopus gaeumanni)

menziesii

menziesii

Pseudotsuga

Douglas-fir

Diagnostic Review Report

Confidence

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 April 8 th through April 14 th , 2014				
Buxus sp./spp.	Boxwood	Lesion Nematodes (<i>Pratylenchus</i> sp./spp.)	1	0	0	0
Buxus sempervirens	Common Boxwood	Lesion Nematodes (<i>Pratylenchus</i> sp./spp.)	2	0	0	0
Buxus sempervirens	Common Boxwood	Pin Nematode (<i>Paratylenchus</i> sp./spp.)	1	0	0	0
Buxus sempervirens	Common Boxwood	Spiral Nematodes (<i>Helicotylenchus</i> sp./spp.)	2	0	0	0
Cercidiphylum japonicum	Katsura Tree	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Cercidiphylum japonicum	Katsura Tree	Wound Canker (Abiotic disorder)	0	0	1	0
Dahlia sp./spp.	Dahlia	Chemical Injury (Abiotic disorder)	0	0	1	0
Dahlia sp./spp.	Dahlia	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	0	0	1	0
Pseudotsuga	Douglas-fir	High Soil Moisture (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.

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Diagnostic Review Report

Host		Diagnosis		Confidence (to genus)				
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Pseudotsuga menziesii	Douglas-fir	fir Winter Injury (Abiotic disorder)		0	0	1	0	
Solanum tuberosum	Potato	Potato Black Dot (Colletotrichum coccodes)		1	0	0	0	
Antirrhinium sp./spp.	Snapdragon	Fungus Gnats (Mycetophilidae fam.)		1	0	0	0	
Antirrhinium sp./spp.	Snapdragon	Pythium Root Dysfunction (<i>Pythium</i> sp./spp.)		0	0	1	0	
Antirrhinium sp./spp.	Snapdragon	Rhizoctonia Damping Off (<i>Rhizoctonia</i> sp./spp.)		0	0	1	0	
Lycopersicon esculentum	Tomato	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Lycopersicon esculentum	Tomato	Oedema; Edema (Abiotic disorder)		1	0	0	0	
Prunus laurocerasus	Cherry-laurel	High Soil Moisture (Abiotic disorder)		0	0	1	0	
Prunus laurocerasus	Cherry-laurel	Root Damage (Abiotic disorder)		0	0	1	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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Taxus sp./spp.	o./spp. Yew Additional Sample Requested (Identification Analysis)		1	0	0	0	
Taxus sp./spp.	Yew	High Soil Moisture (Abiotic disorder)	0	0	1	0	
Taxus sp./spp.	Yew	Oedema; Edema (Abiotic disorder)	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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