

Table 1. *Phytophthora* spp. isolated from Maryland nurseries in 2010, 2011, and 2012 from symptomatic and asymptomatic ornamental plants, and baited from potting media and irrigation water

<i>Phytophthora</i> spp.	Host, substrate	Symptomatic or asymptomatic ^a	Sample	Number of isolates
<i>Phytophthora cactorum</i>	Recycled potting media	N/A	Bait	2
	<i>Buxus</i> sp.	Symptomatic	Dieback	2
	<i>Pieris japonica</i> ‘Mountain Fire’	Symptomatic	Potting media	1
<i>Phytophthora cambivora</i>	<i>Pieris japonica</i> ‘Mountain Fire’	Both	Potting media	13
	<i>Pieris japonica</i> ‘Valley Valentine’	Asymptomatic	Potting media	4
	<i>Rhododendron</i> ‘Roseum English’	Symptomatic	Potting media	1
<i>Phytophthora cinnamomi</i>	Recycled potting media	N/A	Bait	3
	<i>Buxus sempervirens</i> ‘Suffruticosa’	Symptomatic	Potting media	1
	<i>Ilex</i> × <i>meserveae</i> ‘Blue Maid’	Symptomatic	Potting media	8
	<i>I. × meserveae</i> ‘China Girl’	Asymptomatic	Potting media	2
	<i>Itea virginica</i> ‘Henry’s Garnet’	Asymptomatic	Potting media	5
	<i>Pieris japonica</i> ‘Mountain Fire’	Both	Dieback, potting media	31
	<i>P. japonica</i> ‘Scarlett O’Hara’	Asymptomatic	Potting media	1
	<i>Rhododendron</i> ‘Azaleas’	Symptomatic	Potting media	3
	<i>Rhododendron</i> ‘Besse Howells’	Asymptomatic	Potting media	1
	<i>Rhododendron</i> ‘Cunningham’s White’	Asymptomatic	Potting media	2
	<i>Rhododendron</i> ‘Fashion’	Both	Potting media	4
	<i>Rhododendron</i> ‘Gumpo White’	Asymptomatic	Potting media	2
	<i>Rhododendron</i> ‘Herbert’	Symptomatic	Potting media	3
	<i>Rhododendron</i> ‘Karen’	Asymptomatic	Potting media	4
	<i>Rhododendron</i> ‘Nova Zembla’	Asymptomatic	Potting media	1
	<i>Rhododendron</i> ‘PJM’	Symptomatic	Dieback	8
	<i>Rhododendron</i> ‘Roseum Elegans’	Asymptomatic	Potting media	4
	<i>Rhododendron</i> ‘Yaku Princess’	Both	Potting media	7
<i>Phytophthora citricola</i> complex	Recycled potting media	N/A	Bait	2
	<i>B. sempervirens</i> ‘Suffruticosa’	Symptomatic	Potting media	1
	<i>Nandina domestica</i> ‘Gulf Stream’	Asymptomatic	Potting media	1
	<i>Pieris japonica</i> ‘Mountain Fire’	Both	Potting media	5
<i>Phytophthora citrophthora</i>	Recycled potting media	N/A	Bait	12
	<i>B. sempervirens</i> ‘Suffruticosa’	Symptomatic	Potting media	1
	<i>Buxus</i> ‘Green Velvet’	Asymptomatic	Potting media	4
	<i>Buxus</i> sp.	Both	Dieback, potting media	5
	<i>Ilex</i> × <i>meserveae</i> ‘Centennial Girl’	Both	Dieback, potting media	31
	<i>Itea virginica</i> ‘Henry’s Garnet’	Asymptomatic	Potting media	1
	<i>Pieris japonica</i> ‘Brouwer’s Beauty’	Symptomatic	Dieback	3
	<i>P. japonica</i> ‘Mountain Fire’	Both	Dieback, potting media	15
	<i>P. japonica</i> ‘Scarlett O’Hara’	Asymptomatic	Potting media	11
	<i>Rhododendron catawbiense</i> ‘Chionoides’	Symptomatic	Dieback	7
	<i>Rhododendron</i> ‘Percy Wiseman’	Symptomatic	Potting media	2
	<i>Rhododendron</i> ‘Roseum Pink’	Symptomatic	Potting media	1
	<i>Rhododendron</i> ‘Yaku Princess’	Symptomatic	Dieback	27
	<i>Rhododendron</i> sp.	Symptomatic	Dieback	2
<i>Phytophthora drechsleri</i>	Irrigation water	N/A	Bait	3
<i>P. elongata</i>	<i>B. sempervirens</i> ‘Suffruticosa’	Symptomatic	Potting media	1
	<i>Ilex</i> × <i>meserveae</i> ‘Blue Maid’	Symptomatic	Potting media	1
	<i>Rhododendron</i> sp.	Symptomatic	Dieback	1
<i>P. gonapodyides</i>	Irrigation water	N/A	Bait	111
	Recycled potting media	N/A	Bait	1
	<i>Acer rubrum</i>	Asymptomatic	Root	10
	<i>Buxus</i> sp.	Asymptomatic	Potting media	1
	<i>Oxydendron arboreum</i>	Symptomatic	Dieback	1
	<i>Pieris japonica</i> ‘Valley Valentine’	Asymptomatic	Potting media	1
	<i>Rhododendron</i> ‘Hino Crimson’	Symptomatic	Potting media	1
	<i>Sephora japonica</i>	Symptomatic	Dieback	2
	<i>Tilia cordata</i>	Symptomatic	Dieback	1
<i>Phytophthora taxon pgchlamydo</i>	<i>Rhododendron</i> sp.	Symptomatic	Dieback	2
<i>P. hydropathica</i>	Irrigation water	N/A	Bait	14
	<i>Pieris japonica</i> ‘Scarlett O’Hara’	Asymptomatic	Potting media	1
<i>Phytophthora lacustris</i>	Irrigation water	N/A	Bait	1
<i>P. multivora</i>	<i>B. sempervirens</i> ‘Suffruticosa’	Symptomatic	Potting media	1
	<i>I. × meserveae</i> ‘Blue Maid’	Symptomatic	Potting media	2
	<i>Pieris japonica</i> ‘Mountain Fire’	Both	Dieback, potting media	16
	<i>P. japonica</i> ‘Valley Valentine’	Asymptomatic	Potting media	2
	<i>Rhododendron catawbiense</i> ‘Chionoides’	Symptomatic	Dieback	1
	<i>Rhododendron</i> ‘Besse Howells’	Symptomatic	Dieback	1
	<i>Rhododendron</i> ‘Cunningham’s White’	Asymptomatic	Potting media	1
	<i>Rhododendron</i> ‘Sweet 16’	Symptomatic	Potting media	3
	<i>Rhododendron</i> ‘Yaku Princess’	Asymptomatic	Potting media	1
	<i>Rhododendron</i> sp.	Symptomatic	Dieback	2
<i>Phytophthora nicotianae</i>	Recycled potting media	N/A	Bait	2
	<i>B. sempervirens</i> ‘Suffruticosa’	Symptomatic	Potting media	17
	<i>Buxus</i> sp.	Both	Dieback, potting media	25
	<i>Pieris japonica</i> ‘Mountain Fire’	Asymptomatic	Potting media	1
	<i>B. sempervirens</i> ‘Suffruticosa’	Symptomatic	Potting media	2
<i>Phytophthora pini</i>	<i>I. × meserveae</i> ‘Blue Maid’	Asymptomatic	Potting media	2
	<i>I. × meserveae</i> ‘Centennial Girl’	Both	Potting media	5
	<i>Pieris japonica</i> ‘Mountain Fire’	Both	Potting media	17
	<i>R. catawbiense</i> ‘Chionoides’	Symptomatic	Dieback	2
	<i>Rhododendron</i> ‘Sweet 16’	Symptomatic	Potting media	1
	<i>Rhododendron</i> ‘Yaku Princess’	Asymptomatic	Potting media	1
	<i>Rhododendron</i> sp.	Symptomatic	Dieback	8
<i>Phytophthora plurivora</i>	Irrigation water	N/A	Bait	3
	<i>I. × meserveae</i> ‘Blue Maid’	Symptomatic	Potting media	2
	<i>I. × meserveae</i> ‘Centennial Girl’	Asymptomatic	Potting media	6
	<i>Pieris japonica</i> ‘Mountain Fire’	Both	Potting media	30
	<i>P. japonica</i> ‘Scarlett O’Hara’	Asymptomatic	Potting media	2
	<i>R. catawbiense</i> ‘Chionoides’	Symptomatic	Dieback	1
	<i>Rhododendron</i> ‘Nova Zembla’	Asymptomatic	Potting media	1
	<i>Rhododendron</i> ‘Scintillation’	Symptomatic	Dieback	1
	<i>Rhododendron</i> ‘Sweet 16’	Symptomatic	Potting media	3
	<i>Rhododendron</i> ‘Yaku Princess’	Symptomatic	Dieback	2
	<i>Rhododendron</i> sp.	Symptomatic	Dieback	2
<i>Phytophthora riparia</i>	Irrigation water	N/A	Bait	3
<i>P. syringae</i>	Irrigation water	N/A	Bait	1
<i>Phytophthora</i> sp.	Irrigation water	N/A	Bait	1
	Recycled potting media	N/A	Bait	2
	<i>Acer palmatum</i>	Asymptomatic	Potting media	7
	<i>A. rubrum</i>	Asymptomatic	Root	3
	<i>B. sempervirens</i> ‘Suffruticosa’	Symptomatic	Potting media	2
	<i>Buxus</i> sp.	Both	Dieback, potting media	12
	<i>Camellia sasanqua</i> ‘Yuletide’	Asymptomatic	Potting media	1
	<i>Cornus sericea</i> ‘Baileyi’	Asymptomatic	Potting media	2
	<i>Hybiscus syriacus</i>	Symptomatic	Dieback	1
	<i>I. × meserveae</i> ‘Centennial Girl’	Asymptomatic	Potting media	1
	<i>Kalmia latifolia</i> ‘Elf’	Asymptomatic	Potting media	1
	<i>Pieris japonica</i> ‘Cavatine’	Asymptomatic	Potting media	2
	<i>P. japonica</i> ‘Mountain Fire’	Both	Dieback, potting media	6
	<i>Platanus occidentalis</i>	Asymptomatic	Potting media	4
	<i>Quercus palustris</i>	Asymptomatic	Potting media	4
	<i>Q. rubra</i>	Asymptomatic	Potting media	3
	<i>R. catawbiense</i> ‘Chionoides’	Asymptomatic	Potting media	1
	<i>Rhododendron</i> ‘Anah Kruscke’	Asymptomatic	Potting media	2
	<i>Rhododendron</i> ‘Cunningham’s White’	Asymptomatic	Potting media	4
	<i>Rhododendron</i> ‘Hino Crimson’	Symptomatic	Potting media	2
	<i>Rhododendron</i> ‘Karen’	Asymptomatic	Potting media	2
	<i>Rhododendron</i> ‘PJM’	Symptomatic	Potting media	1
	<i>Rhododendron</i> ‘Roseum Elegans’	Asymptomatic	Potting media	3
	<i>Rhododendron</i> ‘Roseum Pink’	Asymptomatic	Potting media	1
	<i>Rhododendron</i> ‘Scintillation’	Symptomatic	Potting media	1

^a N/A = not applicable.