

Fera list of natural hosts of <i>Phytophthora kernoviae</i> with symptom and location						Updated Nov 2015(see footnote)
New UK/Irish records since 4 August 2010. Comments retained from previous update in italics.	Latin name	Family	Common name	Type of infection	Location(s)	Reference
	<i>Annona cherimola</i>	Annonaceae	Cherimoya/ Custard apple	Shoot and fruit necrosis	NZ	MAF, NZ, 2006
Oct-09	<i>Aesculus hippocastanum</i>	Hippocastanaceae	Horse chestnut	Leaf infection	UK	Fera record, October 2009
Nov-09	<i>Castanea sativa</i>	Fagaceae	Sweet chestnut	Leaf infection	UK	Fera record, November 2009
	<i>Drimys winteri</i> ²	Winteraceae	Winter's bark	Foliage necrosis	UK	CSL records
Dec-11	<i>Drimys winteri</i>	Winteraceae	Winter's bark	Foliage	Ireland	NPPO Ireland
Nov-15	<i>Drimys winteri</i> ²	Winteraceae	Winter's bark	Foliage	Chile	IUFRO 2014
	<i>Fagus sylvatica</i> ²	Fagaceae	Beech	Bleeding canker	UK	Brasier et al. (2005)
	<i>Gevuina avellana</i> ²	Proteaceae	Chilean hazelnut	Leaf infection	UK	Forest Research records
	<i>Hedera helix</i>	Araliaceae	Ivy	Stem infection	UK	Forest Research records
	<i>Ilex aquifolium</i> 'Variegata'	Aquifoliaceae	Variegated holly	Leaf infection	UK	CSL records
May-10	<i>Leucothoe fontanesiana</i>	Ericaceae	Drooping leucothoe	Leaf infection	UK	Fera record, May 2010
	<i>Liriodendron tulipifera</i> ³	Magnoliaceae	Tulip tree	Bleeding canker and leaf infection	UK	Brasier et al. (2005)
	<i>Lomatia myricoides</i>	Proteaceae	-	Leaf infection	UK	CSL records 2008
	<i>Magnolia amoena</i> ²	Magnoliaceae	-	Leaf infection	UK	Forest Research records
	<i>Magnolia brooklynensis</i>	Magnoliaceae	Evamaria Cucumber Tree	Leaf infection	UK	CSL records
	<i>Magnolia cylindrica</i> ²	Magnoliaceae	Yellow mountain magnolia	Leaf spot and bud blast	UK	Forest Research records
	<i>Magnolia delavayi</i> ²	Magnoliaceae	Chinese evergreen magnolia	Leaf blight	UK	CSL records; Forest Research records
	<i>Magnolia</i> Gresham hybrid 'Joe McDaniel' ²	Magnoliaceae	-	Leaf infection	UK	Forest Research records

	<i>Magnolia</i> Gresham hybrid 'Sayonara' ²	Magnoliaceae	-	Leaf infection	UK	Forest Research records
	<i>Magnolia kobus</i> ²	Magnoliaceae	Kobus magnolia	Bud base death	UK	Forest Research records
	<i>Magnolia</i> <i>Leonard Messel</i> ² = ' <i>Magnolia</i> <i>kobus</i> x <i>Magnolia</i> <i>stellata</i> '	Magnoliaceae	-	Leaf spot and bud blast	UK	Forest Research records
	<i>Magnolia liliiflora</i> ²	Magnoliaceae	Lily magnolia	Leaf spot	UK	Forest Research records
	<i>Magnolia</i> <i>mollicomata</i> 'Lanarth' = <i>M. campbelli</i> var. <i>mollicomata</i> 'Lanarth' x <i>M.</i> <i>liliiflora</i>	Magnoliaceae	Vulcan Campbell's magnolia	Leaf infection and stem tip dieback	UK	Forest Research records
	<i>Magnolia</i> <i>salicifolia</i>	Magnoliaceae	Anise magnolia	Leaf infection	UK	CSL records; Forest Research records
	<i>Magnolia</i> <i>sargentiana</i> ²	Magnoliaceae	-	Leaf infection	UK	CSL records
	<i>Magnolia</i> <i>sprengeri</i> ²	Magnoliaceae	-	Leaf infection	UK	CSI records
	<i>Magnolia</i> <i>stellata</i> ²	Magnoliaceae	Star magnolia	Leaf infection	UK	Forest Research records
	<i>Magnolia</i> <i>wilsonii</i> ²	Magnoliaceae	Wilson's Magnolia	Foliage necrosis and blossom blight	UK	Forest Research records
	<i>Magnolia</i> x <i>soulangeana</i> ²	Magnoliaceae	-	Leaf spot	UK	Forest Research records
Nov-11	<i>Mahonia</i> ²	Berberidaceae		Foliar necrosis	UK	Fera records
	<i>Michelia doltsopa</i> ²	Magnoliaceae	-	Leaf infection	UK	Beales et al. (2006)
	<i>Pieris formosa</i> ²	Ericaceae	-	Leaf infection	UK	Brasier et al. (2005)
	<i>Pieris japonica</i> ²	Ericaceae	-	Leaf infection	UK	Beales et al. (2006)
	<i>Podocarpus</i> <i>salignus</i>	Podocarpaceae	-	Shoot tip wilt, Foliar blight	UK	Forest Research records

	<i>Prunus laurocerasus</i>	Rosaceae	Cherry laurel	Leaf infection and stem dieback	UK	CSL records
	<i>Quercus ilex</i> ²	Fagaceae	Holm oak	Leaf necrosis	UK	Brasier et al. (2005)
	<i>Quercus robur</i>	Fagaceae	English oak	Bleeding canker	UK	Brasier et al. (2005)
	<i>Rhododendron</i> spp. ^{1,2}	Ericaceae	Rhododendron	Shoot dieback and leaf infection	UK, Ireland	Brasier et al. (2005), CSL Records. NPPO Ireland.
	<i>Sequoiadendron giganteum</i>	Cupressaceae	Giant sequoia	Leaf and stem necrosis	UK	CSL records, Aug. 2008
	<i>Vaccinium myrtillus</i> ²	Ericaceae	Bilberry	Leaf infection and stem lesions	UK	CSL records 01/11/2007

¹*P. kernoviae* on *Rhododendron* spp was first reported from Ireland (forest) in December 2008, further outdoor findings in 2009

²Koch's postulates successfully completed for this host

³Koch's postulates for *Liriodendron tulipifera* are completed for leaf infection only.

Please also note, a finding in **New Zealand** in the 1950's from below a stand of *Pinus radiata* has been shown by molecular analysis to be *Phytophthora kernoviae* (Ramsfield, T.D., Dick M.A., Beever R.E. & Horner I.J. 2007. 4th IUFRO Meeting, *Phytophthoras* in Forest & Natural Ecosystems.)

A finding of *P. kernoviae* in Chile was reported in November 2014 (*Phytophthora kernoviae* detection in *Drimys winteri* (Winter'sBark) forest of southern Chile. E. A. Sanfuentes¹, S. N. Fajardo¹, M. A. Sabag¹, E. Hansen² and M. G. González³. 7th Meeting of IUFRO working Party, *Phytophthora* in Forest & Natural Ecosystems

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