

PEST WATCH: 23 October – 1 February 2019

Biosecurity is about managing risks: protecting New Zealand from exotic pests and diseases that could harm our natural resources and primary industries. MPI's Diagnostics and Surveillance Directorate (DSD) devotes much of its time to ensuring that new organism records come to its attention, and to following up as appropriate.

This information was collected from 25 July to 22 October 2018. The plant information is held in the MPI Plant Pest Information Network (PPIN) database. Wherever possible, common names have been included. Records in this format were previously published in the now discontinued magazine *Biosecurity*.

To report suspect new pests and diseases to MPI phone 0800 80 99 66.

Validated new to New Zealand reports

Type	Organism	Host	Location	Submitted by	Comments
bacterium	<i>Corynebacterium ilicis</i> no common name	<i>Entelea arborescens</i> whau	Auckland	General Surveillance (Landcare Research)	The significance of this bacterium on this plant is unknown.
chromistid	<i>Phytophthora pseudocryptogea</i> no common name	<i>Pinus radiata</i> radiata pine	Auckland	General Surveillance (SCION)	This species has been present in New Zealand for more than four decades. It has recently been given the new species name.
chromistid	<i>Plasmopara destructor</i> no common name	<i>Impatiens walleriana</i> impatiens, busy lizzie	Auckland	General Surveillance (PHEL)	This is a member of the <i>P. obducens</i> species complex.
fungus	<i>Aspergillus proliferans</i> no common name	<i>Agrostis capillaris</i> browntop	Mid Canterbury	General Surveillance (PHEL)	This fungus was isolated from <i>Agrostis capillaris</i> (common bent) seed.
fungus	<i>Eutypella citricola</i> no common name	<i>Vitis</i> sp. grapevine	Marlborough	General Surveillance (Landcare Research)	This fungus was initially identified as <i>E. vitis</i> .
fungus	<i>Exophiala oligosperma</i> no common name	Inanimate	Westland	General Surveillance (AsureQuality)	This is a saprobic fungus and has been recorded on immunocompromised patients.
fungus	<i>Pseudosydowia eucalypti</i> no common name	<i>Agonis flexuosa</i> agonis, peppermint myrtle	Bay of Plenty	High Risk Site Survey (PHEL)	This fungus has been associated with leaf spots on Eucalyptus spp. in Australia and countries in Africa, Asia, and Europe.
fungus	<i>Scedosporium minutisporum</i> no common name	Inanimate	Westland	General Surveillance (AsureQuality)	A saprobic fungus that has been recorded on immunocompromised patients.
fungus	<i>Seiridium</i> sp. no common name	<i>Pinus pinaster</i> cluster pine	Bay of Plenty	General Surveillance (PHEL)	Likely a species new to science.
fungus	<i>Stagonospora pseudoperfecta</i> no common name	<i>Juncus</i> sp. rush	Auckland	High Risk Site Survey (PHEL)	Described in 2015.
fungus	<i>Stagonosporopsis valerianellae</i> no common name	<i>Valerianella locusta</i> corn salad	Mid Canterbury	General Surveillance (AsureQuality)	Also commonly known as <i>Phoma valerianellae</i> ; infects members of the family Valerianaceae.
insect	<i>Macarostola ida</i> leaf-miner moth	<i>Eucalyptus</i> sp. gum tree	Auckland	General Surveillance (S Thorpe)	Larvae create leaf mines.
insect	<i>Mesopsocus immunis</i> bark louse	<i>Malus</i> sp. apple	Mid Canterbury	General Surveillance (PHEL)	Submitted from a fruit-fly surveillance trap.
insect	<i>Peltoschema</i> sp. leaf beetle	<i>Acacia longifolia</i> Sydney golden wattle	Auckland	General Surveillance (S Thorpe)	Belongs to a species complex that includes <i>P. orphana</i> , <i>P. suturalis</i> and a number of other undescribed species.
insect	<i>Pulvinaria torreyae</i> soft scale	<i>Cephalotaxus harringtonia</i> plum yew	Auckland	General Surveillance (PHEL)	Record from 2016.

If you have any enquiries regarding this information please contact surveillance@mpi.govt.nz