

## PLANT QUARANTINE

### II. LIST OF PLANT DISEASES AND PESTS INTERCEPTED IN NEW ZEALAND IN 1952

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*(Received for publication, 20 July 1953)*

#### INTRODUCTION

In this list are recorded plant diseases and pests intercepted in 1952 on plants and plant products introduced into New Zealand. Specimens were submitted by Horticultural Inspectors of the Department of Agriculture and identified by specialist officers of the Plant Diseases Division. Specimens submitted but found to carry organisms which could not be identified for various reasons, e.g., because of damage, failure in culture or rearing tests, etc., are not listed. Diseases and pests not established in New Zealand are marked with an asterisk.

LIST OF PLANT DISEASES AND PESTS INTERCEPTED IN NEW ZEALAND IN 1952

DISEASE OR PEST		No. OF CON-SIGN-MENTS	HOST		COUNTRY OF ORIGIN	DISCOVERED IN :
COMMON NAME	GENERIC NAME		COMMON NAME	GENERIC NAME		
DISEASES :						
Common-scab	<i>Actinomyces scabies</i> (Thaxt.) Gussow	1	Potato	<i>Solanum tuberosum</i> L.	Scotland	Napier
Coral-spot	<i>Nectria cinnabarina</i> (Tode) Fr.	1	Apple stocks	<i>Pyrus malus</i> L.	Holland	Auckland
Die-back	<i>Diaporthe pernicioso</i> Marchal	1	"	"	"	"
Dry-rot	<i>Fusarium</i> spp.	1	Onion	<i>Allium cepa</i> L.	Australia	Blenheim
Grey-mould	<i>Botrytis cinerea</i> Pers.	1	"	"	"	"
Leaf-spot	<i>Gloeosporium</i> spp.*	1	Orchids	<i>Orchidaceae</i> (?)	"	Auckland
Soft-rot	<i>Erwinia carotovora</i> (Jones)	1	Onion	<i>Allium cepa</i> L.	"	Blenheim
Spur-blight	<i>Didymella applanata</i> (Niessl.) Sacc.	1	Black currant	<i>Ribes nigrum</i> L.	Canada	Wellington
Stem-canker	<i>Fusarium latirritium</i> Nees.	1	Apple stocks	<i>Pyrus malus</i> L.	Holland	Auckland
Virus	Cucumber Mosaic	1	Daphne	<i>Daphne odora</i> Thunb.	Australia	Christchurch
PESTS :						
Ants	<i>Pheidole megacephala</i> Fab.	1	Banana	<i>Musa paradisiaca</i> L. var. <i>sapientum</i> Kuntze	Fiji	Invercargill
Ants	<i>Camponotus</i> sp.*	1	Packing case	—	Ceylon	Wellington
Beetles	<i>Buprestidae</i> sp.	1	Black currant	<i>Ribes nigrum</i> L.	Canada	"
"	<i>Aphodius fimetarius</i> L.*	1	Mountain Laurel	<i>Kalmia latifolia</i> L.	Holland	Ashburton
"	<i>Necrobia rufipes</i> Deg.	1	Nutmeg	<i>Myristica fragrans</i> Houtt.	Samoa	Auckland
"	<i>Carpophylus hemipterus</i> L.	1	Dried fruit	—	Australia	Christchurch
"	<i>Anthicus</i> sp.	1	Straw	—	England	"
"	<i>Bruchidae</i> sp.	1	Croton leaves	<i>Codiaeum</i> , Juss. (?)	Fiji	Auckland
Clear winged moth	<i>Ramosia tipuliformis</i> (Cler.)	1	Black currant	<i>Ribes nigrum</i> L.	Canada	Wellington
Cosmopolitan moth	<i>Plodia interpunctella</i> (Hub.)	1	Almond nuts	<i>Prunus communis</i> Fritsch	Italy	Christchurch
Firebrat (Silverfish)	<i>Thermobia domestica</i> (Pack.)	1	Cashew nuts	<i>Anacardium occidentale</i> L.	India	"
Flies	<i>Hippelates</i> sp. (Fam. Chloropidae)	1	Aircraft	—	Fiji	Auckland
"	<i>Hylemia urbana</i> Mall.	1	"	—	Australia	"
"	<i>Drosophila melanogaster</i> Meig.	1	"	—	"	Christchurch
"	<i>Ortalidae</i> sp.*	1	"	—	"	"
Grubs	<i>Lassioderma serricorne</i> (Fab.)	1	Ginger	<i>Zingiber officinale</i> Roscoe	Jamaica	Dunedin
Hymenopteron fly	<i>Hymenoptera</i> sp.	1	Broad beans	<i>Vicia faba</i> L.	Burma	Wellington
Ichneumon fly	"	1	Orange, sweet	<i>Citrus sinensis</i> Osb.	Jamaica	Auckland
"	<i>Diadromus</i> sp.*	1	Aircraft	—	Australia	Christchurch
Larvae	<i>Diptera</i> spp.	1	Onion bulbs	<i>Allium cepa</i> L.	"	Blenheim
Longhorned beetle	<i>Captocercus truncatus</i> Aur.	1	Timber	—	"	Timaru
Mealybugs	<i>Pseudococcus</i> sp.	1	Cactus	<i>Cactaceae</i> (?)	Mexico	"
Mediterranean Flour moth	<i>Ephestia kuehniella</i> Zell.	1	Dried fruit	—	China	Christchurch
Midge	<i>Chironomus</i> sp.	1	Aircraft	—	Australia	"
Mirid bugs	<i>Sixconotus</i> sp. and <i>Halticotoma</i> sp.	1	Cactus	<i>Cactaceae</i> (?)	Mexico	Timaru
Saw toothed grain beetle	<i>Oryzaephilus surinamensis</i> L.	1	Lotus nuts	<i>Nelumbium</i> sp. (?)	Hongkong	Dunedin
Mites	<i>Enemothrombium</i> sp. (Fam. <i>Leeuwenhoekidae</i> )	1	Mixed shrubs	—	Holland	Auckland
"	<i>Carpoglyphus lactis</i> L.*	1	Dried figs	<i>Ficus carica</i> L.	Turkey	Christchurch
"	<i>Pergamasus</i> sp. (Fam. <i>Parasitidae</i> )	1	Rhododendrons	<i>Rhododendron</i> L. (?)	England	Wellington
Moth	<i>Plodia interpunctella</i> Hubn.	1	Lotus nuts	<i>Nelumbium</i> sp. (?)	Hongkong	Dunedin
Mycetophilid fly	<i>Sciaria agraria</i>	1	Orchids	<i>Orchidaceae</i> (?)	Australia	Wellington
Rove beetle	<i>Staphylinidae</i> sp.	1	Brazil nuts	<i>Bertholletia excelsa</i> , Humb. & Bonpl.	Brazil	Dunedin
Scales	<i>Hemiberlesia palmae</i> Cock.*	1	Pomelo grapefruit	<i>Citrus maxima</i> (Burm.) Merrill	Malaya	Wellington
"	<i>Lepidosaphes beckii</i> Newn.*	1	Lemons	<i>Citrus limonia</i> Osb.	Italy	"
"	<i>Aspidiotus hederæ</i> Vall.	1	"	"	"	"
"	<i>Lepidosaphes machili</i> (Mask.)*	1	Orchids	<i>Orchidaceae</i> (?)	Australia	Christchurch
"	<i>Lepidosaphes beckii</i> Newn.*	1	Orange, sweet	<i>Citrus sinensis</i> Osb.	Norfolk Is.	"
"	<i>Saissetia</i> sp.	1	Cactus	<i>Cactaceae</i> (?)	Mexico	Timaru
Termites	<i>Porotermes adamsoni</i>	1	Timber	—	"	N. Plymouth
Weevils	<i>Spermophagus subfasciatus</i> Boh.*	1	Broad beans	<i>Vicia faba</i> L.	Burma	Wellington
"	<i>Gerstaeckeria</i> sp.	1	Cactus	<i>Cactaceae</i> (?)	U.S.A.	"
"	<i>Calandra oryzae</i> L.	1	Lotus nuts	<i>Helumbium</i> sp. (?)	Hongkong	Dunedin
Worms	<i>Enchytraeidae</i> sp.	1	Orchids	<i>Orchidaceae</i> (?)	Australia	Wellington