Restrictions on the Introduction of Plants from New Zealand into the Commonwealth of Australia.—Notice No. 1799.

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Department of Agriculture, Industries, and Commerce,

Wellington, 21st September, 1915. THE following summary of restrictions imposed by the Government of the Commonwealth of Australia on the introduction of plants into that country is published for

general information. W. D. S. MACDONALD,

Minister of Agriculture.

DEFINITIONS.

"AUSTRALIAN vessel" means a vessel which does not voyage

or ply to or from any place outside Australia. "Disease," in relation to plants, means any disease or pest declared by the Governor-General by Proclamation to be a

"Diseased " means affected with disease, and includes showing the presence or evidence of any deteriorated or abnormal condition, whether dependent on the presence of or due to the operation, development, growth, or effect of any disease. "Goods" includes all kinds of movable property. "Importer" includes owner, consignee, or the agent for

"Importer "includes owner, consignee, or the agent for the owner or consignee. "Oversea vessel" means any vessel other than an Aus-tralian vessel. "Package" includes every means by which plants are cased, covered, enclosed, contained, or packed for carriage. "Plants" means trees or plants, and includes cuttings and slips of trees and plants and all live parts of trees or plants and family. and fruit.

Quarantine officer " means a quarantine officer dealing "Chief Quarantine Officer " means the chief officer dealing "Chief Quarantine Officer " means the chief officer dealing

with the quarantine of plants in any State.

PORTS OF ENTRY.

No person shall land any imported animals or plants in any port or place in Australia except a port declared by Pro-clamation to be a port where the imported animals or plants may be landed. Penalty, $\pounds 100$. The following ports have been proclaimed as ports where imported plants may be landed :—

| New South Wales | • • • | Sydney and Newcastle. |
|-------------------|-------|--------------------------------|
| Victoria | | |
| Queensland | | Brisbane and Cairns. |
| South Australia | | Port Adelaide and Port Darwin. |
| Western Australia | | Fremantle. |
| Tasmania | •• | Hobart. |

GENERAL PROVISIONS OF QUARANTINE ACT.

No imported animals or plants, and no hay, straw, fodder, litter, fittings, clothing, utensils, appliances, or packages used on any vessel in connection with imported animals or plants shall be landed or removed from the vessel until a permit for their landing or removal from the vessel has been granted by a quarantine officer.

A quarantine officer shall make a careful inspection of all imported plants before they are delivered to the importer. If the imported plants are found to be free from disease,

and the quarantine officer is satisfied that they can be de-livered to the importer without danger of introducing any disease, he may, subject to the regulations, authorize their

delivery to the importer. If the imported plants are found not to be free from disease, or the quarantine officer is not satisfied that they can be delivered to the importer without danger of introducing some disease, he shall order the plants into quarantine.

A quarantine officer may examine, and order into quarantine, any animals or plants declared by Proclamation to be subject

any animals or plants declared by Proclamation to be subject to guarantine. The expenses connected with the examination of any animals or plants or goods, and of their conveyance to a guarantine station, and of their detention, maintenance, and treatment in quarantine, or under quarantine surveillance, shall be paid by the importer or owner of the animals or plants or goods to the Commonwealth, and shall be a charge

A quarantine officer may refuse to grant a permit for the landing or removal of any animals or plants or goods until security is given to his satisfaction for payment of the expenses payable to the Commonwealth under this section.

DISEASES DECLARED UNDER QUARANTINE ACT.

The following have been declared to be diseases affecting plants :-

Diseases of Plants.

[No. 112]

Armillaria mellea (root-rot). Bacillus amylovorus (pear-blight of America). Bacillus solanacearum (brown-rot or potato bacteriosis).

Bacteriosis of walnut.

Cercospora spp. (spot and shothole of leaves). Chrysophlyctis endobiotica Schilb. (potato-canker, black-seab, warty disease).

Cladosporium spp. (leaf and fruit scab, false melanose).

Clasterosporium carpophilum (peach die-back and gumming disease).

Clariceps purporea (ergot). Collectrichum spp. (black-spot or anthracnose of bean, coffee, spinach, and tomato). Cuscuta spp. (dodder).

Entomosporium maculatum (leaf-blight of pear). Exoascus spp. (leaf-curl, plum-pockets, witches' brooms). Fusarium spp. (collar-rot, foot-rot, leaf-spot, dry rot of potato).

Fusicladium spp. (black-spot of apple, pear, and loquat). Hemileia vestatrix and other species (coffee-leaf disease).

Hypholoma fasiculare (raspberry root-rot). Læstadia Bidwellii (black-rot of grape).

Mucrosporium sp. (leaf-rot of grape). Marasmius semiustus (banana-disease).

Myxomycetes spp.

Nectria ditissima (canker of the apple-tree). Oospora scabies Thaxter (potato-scab).

Peach-rosette.

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Peach-yellows.
Phyllosticta spp. (shothole and gum disease of stone fruit).
Phylophthora infestans (Irish blight of potato).
Peronosporeæ spp. (mildew and blight of leaves and fruit).
Phoma citricarpa (black-spot of citrus fruit).
Plasmodiophora brassicæ (club-root or finger-and-toe of the cabbace family).

raismoliophora brassica (club-root of inger-and-toe of the cabbage family). Plasmopara viticola (downy mildew of grape). Plowrightia morbosa (black-knot of plum). Pseudomonas campestris (black-brand of cabbage). Sphaeoloma ampellinum (black-spot or anthracnose of grape). Sphaeotheca spp. (mildews of the hop, rose, peach, apricot, and grooseberry)

and gooseberry). Taphrina spp. (leaf-blister).

Telletia caries (stinking-bunt of wheat). Uredinaceæ nat. gp. (all rusts). Penicillium spp. (moulds).

Eurotium spp. (moulds). Mucor spp. (moulds).

Insect Pests of Plants.

Acari spp. (red spider and other mites). Adoretus umbrosus (May bug of Hawaii and Japan).

Anobium spp. (drug.store beetles). Aphidæ spp. (peach-aphis, phylloxera, &c.). Anguillulidæ spp. (eelworms). Asopia farinalis (meal-moth). Buprestidæ spp. (borer beetles).

Carabiguida spp. (hoter beetles). Cacacia spp. (apple and orange moths). Cerambycida spp. (longicorns or long-horned borer-beetles). Carpocapsa pomoella (codlin-moth). Cecidomyia destructor (Hessian fly). Chrysomelida (leaf-eating beetles, Colorado potato-beetles,

&c.).

&c.). Clisiocampa americana (tent-caterpillar). Coccide spp. (Chinese mealy bug and other scale insects). Conogethes punctiferalis (peach-moth). Curculionidæ spp. (Fuller's rose-beetle, weevils). Diatræa saccharalis (sugar-cane and cornstalk borer). Earias spp. (cotton-ball moths). Ephestia spp. (stored-food moths). Gelechia cercallela (Angoumois grain-moth). Humatobia serrat (horn-fly).

Hamatobia serrata (horn-fly). Heliothis armigera (tomato-moth). Lasioderma serricorne (cigar and cigarette beetles).

Lianophora spp. (onion and cabbage flies). Lianophora spp. (onion and cabbage flies). Lianophora splendida (metallic tomato-fly). Nitidulida, Carpophilus, and other fruit-beetles. Notolophus leucostigma (tussock-moth).

Notoophus teucostigma (tussock-moth). Parthetria dispar. (gipsy-moth). Perkinsiella saccharicida (sugar-cane leaf-hopper). Ptinida (all insects of this family). Scarabaidæ spp. Sphenophorus, Lepidiota, Anoplognathus Caloodes, &c. (cane-beetle borers, banana-borers). Selandria cerasi (pear and cherry slug). Silvague spn. (crsin and stored foods bothes)

Silvanus sp. (grain and stored foods beetles). Silvanus sp. (lucerne "fleas"). Tenebrionidae sp. (meal and grain beetles). Termitidæ sp. (all white ants).

Tephritidæ spp. (fruit-flies).