

1873.  
NEW ZEALAND.

## FOURTH ANNUAL REPORT OF THE BOTANIC GARDEN BOARD.

*Presented to both Houses of the General Assembly by Command of His Excellency.*

**FIVE** meetings of the Board have been held during the year, the management of the Gardens having been left to a Sub-Committee and the Secretary.

The arrangement under the City Reserves Act of last Session for conveying to the Board a portion of the Wesleyan Reserve has not yet been completed, nor has the Board received any funds from that source. His Honor the Superintendent has, however, selected the portions of the Reserve which are to be otherwise disposed of, and the new boundaries have been agreed on; but the funds at the disposal of the Board are not sufficient to enable them to remove the fences and embellish the newly acquired portion of the Domain.

The attached schedules show the number of plants which have been added to the Gardens and planted out during the past year.

It is intended to dispose of the surplus seedlings that are not required for the grounds or other Public Domains at a nominal price, sufficient to cover the cost of labour and packing.

As the nursery operations have hitherto proved so very successful, there is no doubt that the ground and climate is specially adapted for the purpose, and with a very moderate expenditure large supplies of strong seedling trees could be raised for distribution to all parts of the Colony. With this in view, a fresh supply of tree seeds is urgently required; and as the success which attended the last importation that was received by Government proved so encouraging, a repetition of the same order has been authorized. From the seeds thus imported, if the same results were obtained in other places as at the Wellington Botanic Gardens, there must have been about 100,000 trees dispersed in the Colony.

The trees planted out in the Gardens are thriving well, with few exceptions, and these are nearly all imported seedlings. The plants purchased from Mr. Lang, of Melbourne, and Mr. Fergusson, of Sydney, have, however, been especially successful; and during the year a further supply has been received, at a cost of £42 18s., most of the plants having been selected by Mr. Ludlam.

Twenty-two chains of new paths have been formed, and all the old paths have been cleared, trimmed, and in many places widened and improved.

In the nursery grounds two crops of seedlings have been raised in the pits, and the whole of last year's seedlings either pricked out or potted.

About 6,000 young trees are now available for distribution, and have been lifted and packed in cases. The cases contain from two to four dozen plants, each with a separate ball of earth. About fifty such cases are still available, after meeting all applications that have been made.

More than 1,000 trees have been planted out in the Gardens, making, with those planted in former years, 2,700 Coniferous trees and 1,000 miscellaneous, that have now been planted; and judging from the rapid growth which they show, in a few years the whole aspect of the Domain will be changed, and shelter afforded to enable less hardy and rarer kinds of trees and shrubs to be planted out.

The trees and shrubs, both native and introduced, have been re-labelled during the present season, and the Board have to acknowledge the valuable assistance in this and many other respects which they have received from Mr. John Buchanan. Indeed, the funds available for the Gardens are so small, in proportion to the amount of work that has to be performed, that, if it were not for the cordial assistance which the Board receives from amateurs, the Gardens would not be in their present state of efficiency.

19th September, 1873.

JAMES HECTOR,  
Secretary.

### ACCOUNTS of BOTANICAL GARDENS, from 12th October, 1872, to 22nd July, 1873.

RECEIPTS.			EXPENDITURE.		
	£	s. d.		£	s. d.
Vote for 1872-73	300	0 0	Garden Work (including Keeper's wages and extra labour)	196	19 2
Balance and Interest received from Trustees	109	19 2	Purchase of Plants, Seeds, &c.	42	18 0
Balance in hand, 12th October, 1872	22	19 2	Clearing Gorse	8	0 0
			Repair of Cottage	17	7 6
			Miscellaneous items	4	15 1
			Balance in hand	162	18 7
	£432	18 4		£432	18 4

29th July, 1873.

ALFRED LUDLAM,  
Hon. Treasurer.

SEEDLINGS raised in the GARDENS in 1871-72, now available for PLANTING and DISTRIBUTION.

*Plants in Pots.*

110 Pinus Tuberculata	90 Pinus Insignis	137 Wellingtonia Gigantea
123 " Sabiniana	160 " Ponderosa	345 Cupressus Lawsoniana
100 " Torreyana	100 Abies Douglasii	230 " Macrocarpa

*Plants in Beds.*

470 Pinus Tuberculata	100 Pinus Maritima	120 Laurel
37 " Sabiniana	240 Abies Douglasii	20 Plane Trees
— " Torreyana	51 Wellingtonia Gigantea	160 Eucalyptus (Blackbutt)
2,480 " Insignis	1,025 Cupressus Lawsoniana	46 Roses
220 " Ponderosa	530 " Macrocarpa	1,000 Oaks

*Planted out during 1872-73.*

200 Pinus Tuberculata	200 Cupressus Torulosa	50 Cupressus Lawsoniana
250 " Insignis	250 " Macrocarpa	4 Cedars
30 " Ponderosa		

SEEDLINGS raised, 1872-73.

3,200 Pinus Insignis	1,100 Cupressus Lawsoniana	300 Wellingtonia Gigantea
240 " Maritima	500 " Macrocarpa	100 Eucalyptus (Blue Gum)
480 " Tuberculata	140 " Sempervirens	50 " Caniculata

DONATIONS.

Mr. Ludlam { Several of each { Aralia Escallonia Stone Pine Shrubs A quantity of Seeds	Dr. Hector, 6 Karaka Mrs. Gillon, 30 Arborvitæ Hon. Mr. Mantell, 60 Pinus insignis " 1 Cupressus " sempervirens Hon. Mr. Mantell, 36 Passion flowers Hon. Mr. Mantell, Cuttings, Roses, &c. Mr. Mason, 60 Laurustinea " 6 Widdringtonia " 1 Pinus halipensis	Mr. Mason, 3 Pinus Austriaca " 3 Pinus Longifolia " 12 Cupressus funebris " Rose cuttings, &c. " 100 Oaks " Assorted cuttings Captain Stafford, of ship "Camille," 323 Pines, Cyprresses, &c. Mr. Harding, 1 Box of Bulbs " 1 Parcel of various Seeds
Dr. Hector, 4 Cupressus " 3 Laurels " 1 Oak " 1 Cork Oak " 1 Red Willow " 1 Whau " 6 Pittosporum		

PLANTS distributed from the GARDENS.

To Cape Farewell Lighthouse— 50 Cupressus macrocarpa 50 Pinus tuberculata 900 " maritima To Captain Stafford, of the "Camille"— 2 Cases of N.Z. Ferns in exchange for Plants received from him	1 Case of Ferns to Sydney, per Hon. Mr. Vogel 2 Cases of Ferns to Sydney, per Hon. Mr. Vogel 1 Case of Ferns to Captain Challis, R.N.	To the Hospital Grounds at Reefton— 12 Cupressus Macrocarpa 12 " Lawsoniana 12 Pinus tuberculata 6 Wellingtonia gigantea To Lunatic Asylum Grounds, Wellington 642 Pines, Cyprresses, &c.
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PLANTS purchased from MELBOURNE.

3 Abies Smithiana 3 " Menziesii 4 " Canadensis 4 Picea pinastatio 1 " Grandis 6 " Pectinata 3 " Balsamea 4 " Cephalonica	6 Picea Nordmanniana 6 " Webbiana 4 Cedrus Libani 2 Cupr. Torulosa. Var. 4 " Benthamiana 2 Biota Aurea 1 Libocedrus Chilensis 2 Retinospora Pisifera	2 Retinospora Plumosa 2 Bamboos, No. 1 2 " No. 4 2 Arundo Phragmitis. Var. 6 Rose Acacia, potted 6 Cupressus Deodara 6 Cupressus Atlantica
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PLANTS purchased from SYDNEY.

6 Araucaria Bidwillii 6 " Excelsa 6 " Cookii 2 Abies Cærulea 2 " Alba 2 " Rubra 6 Pinus Laricio 3 " Canariensis 3 " Longifolia 3 " Benthamiana 12 " Pinea 4 Cupressus Knightii 6 " Goveniana 2 " Torulosa 3 " Lawsonii 3 Callitris sp. W. Australia 3 Cephalotaxus Fortunei 6 Cryptomeria Elegans 4 Thuja Plicata	6 Juniperus Rufescens 1 " Attica 3 " Lucii 1 " Hibernica 2 " Sinensis 1 Thujopsis Borealis 1 Retinospora Obtusa 1 " Pisifera 12 Sterculia acerifolia 6 Viburnum Sinensis 2 " Rugosum 6 Pholinia Serrulata 12 Corypha Australis 6 Scaforthia elegans 4 Catalpa Syringæfolia 6 Barkleya 1 Aster Argophylla 6 Camphor Laurels 3 Olea ilicifolia	2 Bignonia Tinoleyana 2 " Jasminoides 1 Arbutus 1 " Andrachne 1 " Candriensis 12 Ficus Syringæfolia 6 " Macrophylla 1 " Sycamorus 3 " Microphylla 6 Grevillea Robusta 2 Asmanthus Ilcifolius 3 Zophostemon Australis 1 Cantua Dependens 6 Magnolia grandiflora 1 " Purpurea 1 " Conspicua 4 " Anomifolia 3 Gynerium Argenteum 3 Doryanthus Excelsa
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[Price 3d.]

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