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1887.

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PARLIAMENT OF TASMANIA.

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TASMANIAN MUSEUM AND BOTANICAL GARDENS:

REPORT OF THE TRUSTEES FOR **1886.**

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Presented to both Houses of Parliament by His Excellency's Command



## TASMANIAN MUSEUM AND BOTANICAL GARDENS.

### REPORT OF THE TRUSTEES FOR 1886.

*To His Excellency SIR ROBERT GEORGE CROOKSHANK HAMILTON,  
Knight Commander of the Most Honorable Order of the Bath,  
Governor and Commander-in-Chief in and over the Colony of  
Tasmania and its Dependencies.*

MAY IT PLEASE YOUR EXCELLENCY.

THE Trustees of the Tasmanian Museum and Botanical Gardens, incorporated by the Act 49 Victoria, No. 34, have the honor to submit to Your Excellency, in accordance with the 11th Section of that Act, this, their first Annual Report.

1. The Museum has during the year 1886 been open to the public on week days from 10 o'clock A.M. until 5 in the summer time, and until 4 in the winter; on Sundays, from half-past 2 till 5 in the summer, and until 4 in the winter. The attendance has been very satisfactory, the approximate number during the year being, on Sundays, 8300; week days, 17,847; total, 26,147.

2. The want of sufficient space in the present building for the constantly increasing number of exhibits has long been felt to be a serious drawback to the usefulness of the Museum. The Trustees are therefore glad to report that, in accordance with their representations, Parliament was pleased, during the Session of 1885, to grant the sum of £3000 for the erection of the new wing, which is now approaching completion.

3. A large room having been set apart for a purely Tasmanian collection, the Colony is now for the first time fairly represented both as to its Geology and its Fauna. Great satisfaction will undoubtedly thus be afforded not only to visitors from abroad but also to residents, and from an educational point of view the arrangement cannot fail to be of the utmost value.

4. Carefully compiled labels, descriptive of the various groups and sections, have been prepared by the Curator, and duly placed among the exhibits. A very fine exhibit of the tin ore and the characteristic rocks associated with the tin deposits of Mount Bischoff has been presented by Mr. H. W. F. Kayser, Manager of the Mount Bischoff Tin Mines. Arrangements have been made to have collections of minerals and rocks from the several parts of Tasmania placed in the Museum. A collection of this kind, when completed, will be most instructive and useful to miners and other visitors.

5. The Trustees are under very great obligation to the Trustees of the Australian Museum, Sydney, and Dr. E. Pierson Ramsay, the Curator, for many valuable additions to the Museum.

6. Annexed to this Report are the following Appendices:—

- I. Balance Sheet of Museum and Gardens.
- II. Report of the Superintendent of the Botanical Gardens.
- III. Attendance of Visitors.
- IV. Attendance of Trustees.

The Common Seal of the Museum is affixed, by Order of the Board,  
this seventh day of July, 1887.

ALEX. MORTON, *Curator and Secretary.*

J. W. AGNEW, *Chairman.*

## APPENDIX I.

*STATEMENT of the Funds of the TASMANIAN MUSEUM and BOTANICAL GARDENS for the Year 1886.*

Receipts.			
<i>Museum—</i>	£	s.	d.
Grant in aid from the Treasury	...		500 0 0
<i>Botanical Gardens—</i>			
Grant in aid from the Treasury	800	0	0
Proceeds of Sale of Plants, &c.	125	12	3
			<hr/> 925 12 3
			<hr/> <hr/> £1425 12 3

Expenditure.			
<i>Museum—</i>	£	s.	d.
Salary of Curator and Secretary	250	0	0
Ditto Attendant	96	0	0
Ditto (Sunday duty)	13	0	0
Specimens and Chemicals	9	3	3
Sundries and Petty Cash	9	14	7
Ironmongery, &c.	7	16	1
Fittings, Repairs, &c.	35	15	8
Water Rate, Fuel, Light, &c.	21	2	7
Labour and Timber	9	2	9
Insurance	5	4	10
Stationery	8	17	9
Printing	5	6	6
			<hr/> 471 4 0
<i>Botanical Gardens—</i>			
Salary of Superintendent	210	0	0
Salaries	607	0	0
Flower-pots	14	14	2
Plants, Seeds, &c.	3	18	8
Seed Pockets	2	1	0
Water Rate	3	3	4
Horse hire, Feed, &c.	20	13	9
Stationery	3	9	3
Sundries	20	2	2
Freight and Entries	0	7	6
Timber	8	1	3
Manure, &c.	2	10	6
Ironmongery	41	15	6
Travelling Expenses	6	11	6
			<hr/> 944 8 7
By balance	...		9 19 8
			<hr/> £1425 12 3
			<hr/> <hr/> £1425 12 3
Balance per Pass Book, Jan.			
5, 1887	...		127 18 11
Outstanding Charges	...		117 19 3

ALEX. MORTON, *Secretary.*

## APPENDIX II.

*Botanical Gardens, 15th January, 1887.*

SIR,

I HAVE the honor to forward a Report on the Botanical Gardens and Queen's Domain for the year ending December, 1886.

*Season.*—The Gardens have suffered much from the absence of rain during the latter part of the year, and the drought has told severely on all young plants, many of which have succumbed to it.

Herbaceous and annual plants have, as a rule, failed to flower, or did so in a very stunted and unsatisfactory condition. Never before was the necessity of a better supply of water for the Gardens so forcibly manifested as during the past year.

Several high winds have been experienced, which caused serious damage in various parts of the Gardens. Towards the end of March a sudden gust caught the large plant of *Capressus Lambertiana*, which was growing in the vicinity of the reservoir, twisting one of the large trunks out from the roots, and seriously weakening the plant. In April three more of the trunks were blown down, and the remaining two followed within a short time; and thus this fine plant, probably the finest in any of the Colonies, was totally destroyed, and in its fall unfortunately injured and destroyed several choice coniferæ in the vicinity. The plant, which was in good health at the time, had attained a height of 80 feet, having six stems from the base, varying from 16 to 20 inches in diameter at three feet from the ground.

The rainfall of a country is an all-important factor in the cultivation of all plants during the active period of their growth; when this is below the average a diminution in the ordinary yield of all farm crops and growth of fruit and garden plants generally must necessarily ensue. The rainfall for the past year registered at the Gardens was 18·78 inches: for October to December inclusive, which embraces the period of most active growth, 4·45 inches fell; this was 3·33 inches below the 35 years' average for the same period, and 6·88 below that of 1885.

*Improvements.—Maintenance.*—The funds voted by the Legislature being all absorbed in the payment of salaries and wages, it has not been possible to effect improvements of any moment during the year.

In a General Report which I had the honor to forward to the Garden Trustees early in the present year, I pointed out what I considered essential improvements, for which a special Legislative grant would be necessary. I again urge the desirability of these improvements being undertaken with as little delay as possible. The more pressing are—A new conservatory, where the numerous plants in cultivation under glass can be satisfactorily exhibited in their season; a good ornamental bush-house for exhibiting the more

hardy plants, so as to relieve the conservatory of all plants not needing its protection; and a better supply of water for the gardens during the period of active growth. The two old-fashioned, ill-constructed houses in the Gardens, of some 50 years' standing, are much too small, and quite unfit for the cultural requirements of the day.

The garden employees have been fully occupied in maintenance work, which has taxed the resources of the establishment to their utmost. In this work material assistance has been derived from the prison labour supplied for rough operations.

*Plant Additions, and Remarks.*—From 400 to 500 new plants have been acquired during the year, many of them from seeds sent from Royal Gardens, Kew. Among these are several species of *Vaccinium* (Cranberry); *Rubia tinctoria*, a valuable dye plant; and many ornamental shrubs; plants of *Abies Hookeriana*, *A. Sieboldii*, *A. ferina*, *Pinus palustris*, *Acer striatum*, *Acer cercinatum*, *Acer plicatum*, and *Acer Neapolitanum* have also been raised, as well as several new Birches and Alders. A full list of Plant additions is appended to this Report.

*Japan Clover.*—About 50 plants of *Lespedeza stricta*, the Japan Clover, have been raised, and planted out for the purpose of obtaining a supply of seed for future distribution. This is said to be a most valuable fodder plant, which is now coming into extensive cultivation. It is said to stand drought well, and to continue growing until cut down by the frost. It thrives on all kinds of soil, is very fattening, and does not run out by grazing. If half what is said of it is true, it is a plant worthy of extensive cultivation in the Colony, and seed will be of value for the purpose of distribution.

*Pentzia virgata.*—This plant is known as the Sheep-bush in the Cape, and is well worthy of those farmers who would bestow a little pains on its cultivation and acclimatization. It grows very strong on the stiff dry soil of the Gardens—never suffering from drought. In the Cape it is said to thrive only on dry soil, where it furnishes valuable sheep fodder. In such repute is it held that sheep from the *Pentzia* country always realize more at sales than any others, *Pentzia*-fed mutton being of very superior quality. The plant is easily propagated by cuttings, division, or seed, when procurable. When once established it soon spreads, as the branches root wherever they touch the ground, spreading somewhat like a strawberry plant. It is easily divided, and could readily be increased by that means.

*Mexican Wheat.*—A trial was made of a small quantity of early wheat ( $\frac{1}{2}$  ounce), imported by the Hon. J. Dow, and forwarded for trial by Baron Ferd. von Müeller. This wheat was obtained with the object of gaining an early ripening variety that might escape the attack of smut, to which the later kinds are so subject. The trial was not a satisfactory one; the drought which prevailed almost from the time of sowing to that of cutting proved very prejudicial, and before the grain was fully ripe it was attacked by a flock of pigeons, and the yield somewhat diminished. The height of the straw did not exceed 2 feet when growing; the weight of grain harvested from the  $\frac{1}{2}$  ounce was 3lbs.; area of ground, two-thirds of a rod.

*Buffalo Grass.*—Many enquiries are made as to the suitability of this grass to the Tasmanian climate. As it has been in the Gardens for many years, a few notes on it may here be given for public information.

No difficulty was experienced in introducing it to the Gardens. A sackful of clippings obtained from Sydney was passed through a chaff-cutter, the chaff thus obtained sown while quite fresh broadcast on the ground, and then given the same treatment that ordinary grass-seed requires. Early autumn or spring, when there is some warmth in the ground, is the best time to perform the work, but where artificial watering can be given the plant will succeed equally well during the summer months. In warm sandy or loose stony ground no difficulty will be experienced in getting the plant established if ordinary care is taken; in stiff ground it will be necessary to cover the chaff with some loose warm soil, as it does not take so readily in the stiff soil, although the plant will grow well and extend freely on it when once established.

Buffalo Grass does not show the effects of drought or frost so soon as the Indian Couch, remaining green, except in exceptional cases, all the year round. Good keeping is required to form a satisfactory lawn. It does not produce fertile seed, at least in the Colonies, and cannot, therefore, be propagated by that means.

*Visitors.*—The number of visitors to the Gardens for the year was 67,444, being a slight increase on that of last year.

*Nursery.*—In the Nursery Department a large stock of good, useful, and ornamental plants are being grown. Many of the plants require to be of some age before they are sufficiently large for transplanting to their final sites, and considerable room is needed for their development. The Nursery attached to the Gardens is not of sufficient area for growing on the plants to the desired size: it is only adapted for purposes of propagation and the growth of small stock plants. Ere long it will become necessary to make arrangements for increased accommodation in this Department, if the growth of plants to a satisfactory size is to be undertaken to supply the demand likely to arise in the future for plants for public places in the Colony.

The only ground available for this purpose is that situate at the northern extremity of the Garden. The absence of water at this part is at present an insuperable barrier to its being applied to Nursery purposes to any extent at present.

*Domain.*—The improvement of the Domain continues, so far as the funds admit of. The high price paid for labour necessary for the preparation of the ground before planting can be attempted absorbs the principal portion of the sum granted, and consequently no rapid strides are possible.

The high unsightly bank on the left of the drive to Government House has been wholly trenched, fenced, and planted. The plants have made as much progress as could be expected during the trying season through which they have passed. From the waste material obtained at this part a foot-path was formed across the hill in the direction of Liverpool-street. This has been a great convenience to pedestrians in shortening the distance between Hobart and the Botanical Gardens.

The row of Elms on the right of the road have been continued some distance in the direction of Macquarie-street. Eventually it is proposed to extend this line of planting to that street, but at present this cannot be done, as it is proposed to alter the line of road at this particular part; until this has been done, or at least the road defined, it would be futile to attempt planting operations in this direction.

All the plants previously planted are doing well, with the exception of one of the Planes, which became detached from its stake, and got barked by friction on the tree-guard. This plant has died, and will be replaced in the autumn by a similar plant.

The new drive round the top of the Domain has been graded during the year, and is now passable for vehicles. A further sum of £500 has been granted by the Legislature for the purpose of completing the drive during the coming year 1887. When better known there is no doubt this will become a favourite drive for visitors; the views and vistas obtained from it are really good and ever varying, leaving little to be desired in this direction.

I have, &c.

F. ABBOTT, *Superintendent.*

*The Hon. J. W. AGNEW, M.D., Chairman of Trustees  
Tasmanian Museum and Botanical Gardens.*

#### INTERCHANGE OF PLANTS AND SEEDS.

##### Received from—

Mr. A. Armstrong, Domain Gardens, New Zealand—Seeds.  
Prof. A. Baird, Commissioner of Agriculture, United States—Seeds.  
C. S. Beddome, Esq., Hobart—Plants.  
Mr. R. Cheeseman, Brighton, Victoria—Plants.  
Mr. C. F. Cresswell, Hobart—Plants.  
J. F. Duthie, Esq., Botanical Gardens, Saharanpur, N.W.P., India—Seeds.  
T. Dyer, Esq., Royal Gardens, Kew—Seeds.  
Mrs. Elliott, Hobart—Seeds.  
W. R. Guilfoyle, Esq., Botanical Gardens, Melbourne—Plants and Seeds.  
Miss Grove, Long Bay—Ferns.  
Mr. E. B. Heyne, Adelaide—Seeds.  
Dr. King, Botanical Gardens, Calcutta—Seeds.  
Mr. J. Latham, Hobart—Plants and Seeds.  
R. Lindsay, Botanical Gardens, Edinburgh—Seeds.  
Law, Somner, & Co., Melbourne—Plants.  
Baron Ferd. von Mueller, Melbourne—Seeds.  
Miss Owen, Ireland—Seeds.  
Mr. S. Purvis, Southport—Plants and Seeds.  
Messrs. Shepherd & Co., Sydney—Plants and Seeds.  
Messrs. A. van Gurt, Belgium—Seeds.  
Messrs. Vilmorin Andrieux, Paris—Seeds.

##### Sent to—

Mr. G. Brunning, Melbourne—Plants and Seeds.  
Mr. Wm. Bull, London—Seeds.  
Prof. S. Baird, Chamber of Agriculture, United States—Seeds.  
Mr. C. Cresswell, Hobart—Plants and Seeds.  
Mr. R. Cheeseman, Brighton, Victoria—Moss.  
J. Y. Culyer, Brooklyn, N.A.—Seeds.  
W. T. Dyer, Esq., Royal Gardens, Kew—Seeds.  
J. F. Duthie, Botanical Gardens, Saharanpur, N.W.P., India—Seeds.  
W. R. Guilfoyle, Esq., Botanical Gardens, Melbourne—Sphagnum, Plants, and Seeds.  
Mr. Wm. Fergusson, Mt. Macedon, Victoria—Seeds.  
C. Ford, Esq., Botanical Gardens, Hong Kong—Seeds.  
Dr. King, Botanical Gardens, Calcutta—Seeds.  
Messrs. Law & Somner, Melbourne—Seeds and Sphagnum.  
R. Lindsay, Botanical Gardens, Edinburgh—Seeds.  
C. Moore, Esq., Botanical Gardens, Sydney—Sphagnum and Seeds.  
Baron Ferd. von Mueller, Government Botanist, Melbourne—Seeds.  
D. Morris, Esq., Botanic Gardens, Jamaica—Seeds.  
Prof. Owen, Botanical Gardens, Cape of Good Hope—Seeds.  
Mr. S. Purchase, Sydney—Plants and Seeds.  
Messrs. Shepherd & Co., Sydney—Plants and Seeds.  
J. Stevenson, Esq., Botanical Gardens, Madras—Seeds.  
A. Shuttleworth, Esq., Botanical Gardens, Bombay—Seeds.  
Messrs. A. van Gurt, Ghent, Belgium—Seeds.  
Messrs. Vilmorin Andrieux, Paris—Seeds.  
W. Wood, Esq., Botanic Gardens, Port Natal—Seeds.

##### Plants supplied for Public Places—

Church of England Grounds, Avoca—75 plants.  
Church of England Grounds, Beaconsfield—100 plants.  
Church of England Grounds, Buckland—75 plants.  
Church of Rome, Brown's River—50 plants.  
Barrack Square, Hobart—36 plants.  
Deloraine Municipality—126 plants.  
Government House, Hobart—141 plants.  
Church of Rome, Glenorchy—50 plants.  
Invalid Depôt, Launceston—48 plants.  
Municipality of Launceston—520 plants.  
Latrobe Recreation Ground—50 plants.  
Church of England, Latrobe—50 plants.  
Queen's Domain—200 plants.

## ADDITIONS TO PLANTS DURING THE YEAR 1886.

<i>Abies firma</i>	<i>Cynoglossum pictum</i>	<i>Pyrus aucuparia saturegifolia</i>
" <i>Hookeriana</i>	<i>Dasytirion serratefolia</i>	" <i>arbutifolia</i>
" <i>Sieboldtii</i>	" <i>Wheelerii</i>	" " <i>grandiflora</i>
<i>Acacia catechu</i>	<i>Desmodium pendulifolium</i>	" " <i>serotina</i>
" <i>Farnesiana</i>	<i>Desmoschoenus spiralis</i>	" <i>aria argentea</i>
" <i>rupestris</i>	<i>Delphinium caucasicum</i>	" " <i>Græca</i>
<i>Acer cercinatum</i>	<i>Deutzia Fortunii</i>	" " <i>undulata</i>
" <i>Neapolitanum</i>	" <i>Sieboldtii</i>	" " <i>salicifolia</i>
" <i>obtusatum</i>	<i>Dianthus cæsius</i>	" <i>baccata obconica</i>
" <i>opulifolium</i>	<i>Dictamnus albus</i>	" <i>malus rosea</i>
" <i>striatum</i>	<i>Dichroa cyanitis</i>	<i>Quercus pseudo-suber</i>
<i>Aftonia buxifolia</i>	<i>Eremurus altaicus</i>	" <i>sideroxyton</i>
<i>Agathea cælestis</i>	<i>Erinus Hispanicus</i>	<i>Rhamnus catharticus</i>
<i>Albertia simplicifolia</i>	<i>Erica cineria pallida</i>	" <i>procumbens</i>
<i>Albizzia Lebbak</i>	" <i>vagans alba</i>	" <i>rhamnoides</i>
<i>Alfredia nivea</i>	" " <i>rubra</i>	" <i>variegatus</i>
<i>Alnus autumnalis</i>	<i>Erythrum suberosum</i>	<i>Rhododendron Catawbiense</i>
" <i>cordifolia</i>	<i>Eucalyptus capitella</i>	" <i>Caucasicum</i>
" <i>Oregana</i>	" <i>grossa</i>	" <i>hirsutum</i>
" <i>serrulata</i>	" <i>miniata</i>	<i>Rhodolypus Kerrioides</i>
<i>Amaranthus retroflexus</i>	<i>Euonymus buxifolia</i>	<i>Rhus frutescens</i>
<i>Andropogon nardius</i>	<i>Excoecaria sebifera</i>	" <i>glabra coccinea</i>
<i>Andromeda ligustrina</i>	<i>Fraxinus platycarpa</i>	" <i>mysorensis</i>
<i>Artemesia parviflora</i>	<i>Gaultheria shallon</i>	<i>Rhyncosia viscosa</i>
<i>Arundo arenaria</i>	<i>Genista alata</i>	<i>Ribes alpinum laciniatum</i>
<i>Asclepias incarnatus</i>	" <i>Hispanica</i>	" " <i>sterilis</i>
<i>Aster cafferorum</i>	" <i>polygalæfolia</i>	" <i>aureum</i>
" <i>formosus</i>	<i>Gentiana Tibetica</i>	" <i>sanguineum albidum</i>
" <i>mixta</i>	" <i>Oliverii</i>	<i>Rosa Barkerii</i>
" <i>Shortii</i>	<i>Geranium odoratissimum</i>	" <i>canina Andeavensis</i>
<i>Bauhinia acuminata</i>	<i>Glycosmus pentaphylla</i>	" <i>cinamomea</i>
" <i>purpurea</i>	<i>Gordonia anomala</i>	" <i>hibernica</i>
" <i>valhia</i>	<i>Guazaiva tomentosa</i>	" <i>lucida</i>
" <i>variegata</i>	<i>Helianthemum alba prostrata</i>	" <i>microphylla</i>
<i>Betula alba Youngii</i>	" <i>angustifolia</i>	" <i>pimpinellifolia</i>
" <i>dahurica</i>	" <i>glaucum album</i>	" <i>rubella</i>
<i>Berberis emarginata</i>	" <i>magnificum</i>	" <i>rugosa</i>
" <i>violacea</i>	" <i>Macnabianum</i>	" <i>sericea</i>
" <i>vulgaris lucida</i>	" <i>proliferum</i>	" <i>spinocissima picta</i>
<i>Caragana arborescens</i>	" <i>pubescens</i>	" " <i>pusila</i>
<i>Carica Papaya</i>	" <i>pulverulentum</i>	" " <i>venulosa</i>
<i>Carmichaelia odorata</i>	" <i>vulgare</i>	" <i>Wilsoni</i>
<i>Cassia Candolleana</i>	" <i>vulgare erectum</i>	<i>Rubia cordifolia</i>
" <i>Roxburghii</i>	<i>Herpephyllum cafferorum</i>	<i>Rubus Americana</i>
<i>Casuarina equisetifolia</i>	<i>Hovea chorozeamifolia</i>	" <i>Balfourianus</i>
<i>Catakidozamia Hoopei</i>	<i>Hyacinthus corymbosum</i>	" <i>cordifolius</i>
<i>Celtis Caucasica</i>	" <i>paradasius</i>	" <i>fructis-albus</i>
<i>Cephalanthus occidentalis</i>	" <i>Romanus</i>	" <i>laciniatus</i>
<i>Cerasus laurocerasus Caucasica</i>	<i>Hydrangea glauca</i>	" <i>leucostachys</i>
" <i>padus parviflora</i>	" <i>grandiflora</i>	" <i>leucodermis</i>
" <i>Pennsylvanica</i>	" <i>radiata</i>	" <i>Lindleyanus</i>
" <i>Virginiana</i>	" <i>Sinensis</i>	" <i>Newmannia</i>
<i>Cestrum diurnum</i>	<i>Hypericum caprifolium</i>	" <i>pannosus</i>
<i>Cistus rhodocistus</i>	<i>Ibex Japonica</i>	" <i>phænocolanus</i>
<i>Cladastus amurensis</i>	<i>Isatis nebicaarpa</i>	" <i>rhamnifolius</i>
" <i>tinctoria</i>	<i>Jochroma grandiflora</i>	" <i>rudis</i>
<i>Coburgia incarnata</i>	<i>Kydia calycina</i>	" <i>suberectus</i>
<i>Codonoperus Javanica</i>	<i>Lagerstrœmia parviflora</i>	" <i>thyrsoides</i>
<i>Colutea halleppica</i>	<i>Lasiandra macrophylla</i>	<i>Salvia Bethelii</i>
" <i>lutea</i>	<i>Lawsonia alba</i>	<i>Sambucus aureus</i>
<i>Cornus alternifolius</i>	<i>Lambertia formosa</i>	" <i>pubens</i>
<i>Cotoneaster baccellaris florabunda</i>	<i>Ledum palustre</i>	" <i>virescens</i>
" <i>frigida</i>	<i>Leontodon hispidulum</i>	<i>Saxifraga alpinum</i>
" <i>Sinensis</i>	<i>Libertia grandiflorum</i>	" <i>bromelioides conferta</i>
<i>Cratægus Crus-Galli splendens</i>	<i>Lonicera discolor</i>	" <i>divaricatum</i>
" <i>Oxycantha oxyphylla</i>	" <i>orientalis</i>	" <i>linguliculata</i>
" " <i>panicæ</i>	" <i>sempervirens magnifica</i>	" <i>rotundifolia</i>
" " <i>reginæ</i>	<i>Lythrum virgatum</i>	<i>Scleranthus biflorus</i>
" " <i>versicolor</i>	<i>Maranta Massangiana</i>	<i>Scrophularia vernalis</i>
" <i>punctata brevispina</i>	<i>Mazamia tomentosa</i>	<i>Sempervivum argyrocachrys</i>
" <i>pyrifolia</i>	<i>Melaleuca armillaris</i>	<i>Sesamum prostratum</i>
" <i>tanacetifolia orientalis</i>	<i>Menespermum Canadense</i>	<i>Sesbania Egyptiaca</i>
" <i>Virginica</i>	<i>Morinda tinctoria</i>	<i>Smilax Australis</i>
<i>Cryptostegia grandiflora</i>	<i>Neilla opulifolia</i>	<i>Solanum hybridum</i>
<i>Curcuma Leopoldtii</i>	<i>Nitraria Billardieri</i>	<i>Sophora glauca</i>
<i>Cytisus albus incarnatus</i>	<i>Nyctanthus arboristis</i>	<i>Spartium scoparium pendulum</i>
" <i>Laburnum Alschingerii</i>	<i>Papaver alpina</i>	<i>Spiroea betulifolia</i>
" " <i>fragrans</i>	<i>Pœonia Emodi</i>	<i>Sparolacca umbellata</i>
" " <i>intermedius</i>	<i>Passiflora Helvetiana</i>	<i>Statice Chamissonii</i>
" " <i>involutus</i>	<i>Pinus palustris</i>	<i>Styrax Japonica</i>
" " <i>Parksii</i>	<i>Polygonum filiformis variegatus</i>	<i>Tamarindus Indicus</i>
" " <i>pendula</i>	<i>Pratia littoralis</i>	<i>Templetonia egena</i>
" <i>proliferus</i>	<i>Pritchardtia grandis</i>	<i>Thespesia populnea</i>
" <i>Ratisbonensis</i>	<i>Protea cynarioides</i>	<i>Ulex Molvikchianus</i>

*Vaccinium arctosaphyllum*  
 „ *Madarense*  
 „ *ovatum*  
 „ *Pennsylvanicum*

*Vallaria dichotoma*  
*Veronica Virginica*  
*Viburnum lantana*  
 „ *nudum cassanioides*

*Vicia villosa*  
*Vitis Championi*  
 „ *lanata*  
*Yucca alata*

*Varieties of Olive.*

Blanquette  
 Boutignon  
 Bouquellian  
 Cornichon

Conyasse  
 Constantine  
 Dr. Crimee  
 De Lyons

De Malte  
 Picholme  
 Verdale

*Varieties Diospyrus Kaki.*

Chichibu  
 Daishion  
 Gibo Shiu  
 Goshio Gaki  
 Hackamaki  
 Hatsu Saku  
 Mynodinu

Odiuru  
 Sagami Maru  
 Shizo Mazu  
 Tanenasii  
 Tsuno Magari  
 „ *Yaki*  
 Uyayemon

Yedo ichi  
 Yemon  
*Bouvirdia conspicua*  
 „ *M. Lemoine*  
 „ *Priory Beauty*  
 „ *Unique*

*Roses.*

Alphonse Soupert  
 Bessie Johnston  
 Berthe Baron  
 Charles Lamb  
 Diane  
 Duke Connaught  
 Duke Albany  
 Duke Teck  
 Edouard Pynært  
 Ella Gordon

Ferdinand Chaffatt  
 George Moreau  
 Gloire de Ducher  
 La Havre  
 Laura Davaust  
 Lady Mary Fitzwilliam  
 Ma Surprise  
 Mabel Morrison  
 May Quenelle  
 Madame A. Wood

Madame Laboulaye  
 Madame P. Laugier  
 Mrs. Jowell  
 Mrs. Laxton  
 Prince de Portia  
 Souvenir Madame Robert  
 White Baronesse  
 Rosieriste Jacobs  
 Roelle

*Camellias.*

*Alba insignis*  
*Annette Franchette*  
*Augusta superba*  
*Bicolor*  
*Caryophylloides*  
*Cleopatra*  
*Coccinea rosea*  
*Comtesse Samaloff*  
 „ *Triggoni*  
 „ *Ellesmere*  
 „ *Orkney*  
*Dryade*  
*Emma*

*Emilie Campioni*  
*Giardino Franchietti*  
*Great Eastern*  
*Incarnata*  
*Iris*  
*Isabella*  
*Lady Bowen*  
*La Reine*  
*Marie Theresa*  
*Madonna*  
*Mariana*  
*Mrs. Mort*  
*Napoleon III.*

*Princess Baciocchi*  
 „ *Mary*  
 „ *of Wales*  
*Prince Imperial*  
*Reine des Beauties*  
 „ *de Fleurs*  
*Rubens*  
*Speciosa*  
*Storyi*  
*Tricolor Imbricata pleno*  
*William Bull*  
*W. R. Guilfoyle*

*Azaleas.*

*Alba magna*  
*Alexander II.*  
*Balsamiflora*  
*Bouquet des Roses*  
*Coccard Orange*  
*Comte de Flandre*  
*Criterion*  
*Distinction*

*Duc de Nassau*  
*Duchess Adelaide de Nassau*  
*Eulalie*  
*Flag of Truce*  
*Gladstonesi formosa*  
*Grand Duchesse de Bade*  
*Mademoiselle Marie Lefebvre*  
*Mars*

*Mt. Blanc*  
*President*  
*Princesse Stephanie Clothilde*  
*Queen of Beauties*  
*Queen Victoria*  
*Snow White*

*Herbaceous Pæonies.*

August Limonier  
 Charles Verdier  
 Cranoise d'Or  
 Docteur Andry  
 Dugnexlon  
 Edmond Lebon  
 Eugene Verdier  
 Faubert  
 Fulgida

Henry Demay  
 Isabella Harlitzka  
 J. R. Rendalter  
 Jules Lebon  
 Louis van Houtte  
 Madame Chaumz  
 Madame d'Hour  
 Madame Lebon  
 Madame Lemoine

Madame Raguet  
 Madame Serrell  
 Madame Victor Verdier  
 Madame Warocquiez  
 Marie d'Hour  
 Morie Houillon  
 Mathilde Calot  
 Octaive Demay

*Pelargonium*—36 varieties  
*Fuchsias*—12 varieties  
*Chrysanthemum*—60 varieties  
*Herbaceous Phlox*—12 varieties  
*Gladiolus*—36 varieties

*Narcissus*—8 varieties  
*New American Strawberry*  
 „ *Crescent Seedling*  
 „ *Captain Jack*  
*New Duchesse*

*New Duncan*  
 „ *Keen's prolific*  
 „ *President Wilder*

F. ABBOTT, *Superintendent.*

## APPENDIX III.

## APPROXIMATE ATTENDANCE OF VISITORS TO THE MUSEUM DURING THE YEAR 1886.

	<i>Week Days.</i>	<i>Sundays.</i>
January .....	1295	410
February .....	1560	690
March .....	1280	670
April.....	1500	820
May .....	1100	600
June .....	1300	600
July .....	1330	800
August .....	1560	800
September .....	1650	750
October.....	1836	760
November.....	1936	750
December .....	1500	650
TOTAL.....	26,147	

## APPENDIX IV.

## ATTENDANCE OF THE TRUSTEES DURING 1886.

## OFFICIAL TRUSTEES.

His Honor the Chief Justice .....	0
The Hon. the Chief Secretary .....	1
The Hon. the Minister of Lands and Works .....	2
The Hon. President Legislative Council .....	1
The Hon. Speaker House of Assembly .....	0

## CROWN TRUSTEE.

Matthew Seal, Esq.....	9
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## ELECTIVE TRUSTEES.

The Hon. J. W. Agnew, M.D. ....	3
James Barnard, Esq. ....	11
Justin Brown, Esq. ....	12
A. G. Webster, Esq. ....	11
C. H. Grant, Esq. ....	10
Russell Young, Esq. ....	11

Number of Board Meetings during the Year ..... 12