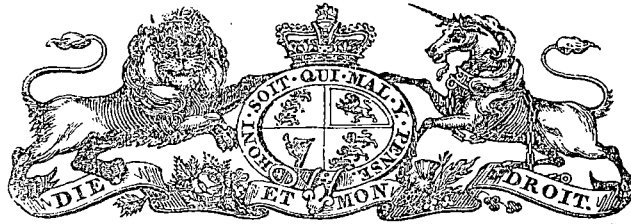


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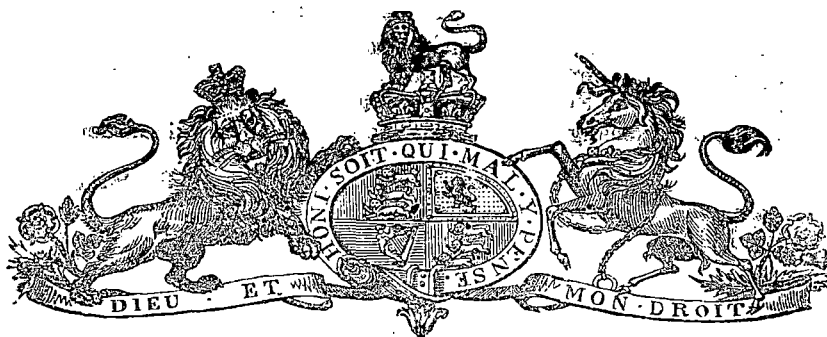
1890.

PARLIAMENT OF TASMANIA.

TASMANIAN MUSEUM AND BOTANICAL
GARDENS :

REPORT OF THE TRUSTEES FOR 1889.

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



TASMANIAN MUSEUM AND BOTANICAL GARDENS.

REPORT OF THE TRUSTEES FOR 1889.

To His Excellency the Governor and the Executive Council.

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 Fourth Annual Report.

1. The Museum, during the year of 1889, has been open to the public on week days from 10 A.M. until 5 P.M. in the summer, and until 4 P.M. in the winter; on Sundays, from half-past 2 P.M. till half-past 4 P.M. in the summer, and until 4 P.M. in the winter.

2. The attendance during the year 1889 was greater than any preceding year, owing partly to the large influx of visitors to Tasmania, the number on Sundays being at times very great—on several occasions 600, 700, and 800 being counted—while the attendance on week days has been steadily increasing. The orderly conduct of the visitors on all these occasions, and the intelligent interest taken by them in the exhibits, afford gratifying evidence of their value as affording instruction.

3. *Tasmanian Woods.*—A magnificent collection of Tasmanian woods is now placed on view, with some interesting photos of Tasmanian forest scenes and saw-mills.

4. *Minerals.*—Several additions, both foreign and Tasmanian, have been made. During the present year every endeavour will be made to make the Tasmanian collection of minerals thoroughly representative.

5. The collections generally are rapidly increasing, and, the room space being limited, your Trustees would strongly urge upon the Government the advisability of completing the building according to the original design.

6. *The Art Gallery.*—This important addition to the Museum has, without doubt, proved most successful, the attendance being very great, and the large number of students who avail themselves of the opportunity of copying the pictures proving its usefulness from an educational point of view. The completion of the Museum according to the original design would give a gallery more suitable than the present one. The educational importance of an Art Gallery cannot be over estimated, and has been well pointed out by an eminent artist in New South Wales. He says, "One of the greatest boons, in my opinion, that has been conferred on the people of New South Wales, from an educational point of view, is the present National Art Gallery, possessing as it does works by many of the leading men of the world; it is of great value to the art student, as well as being a never-ending source of pleasure and instruction to the public generally."

7. Owing to some delay in receiving from England certain appliances to carry on the Aquarium, it has remained closed for some time, but your Trustees hope to have this popular part of the Institution open in the course of a few days.

8. Your Trustees regret having to report the death of Mr. Justin M'Carty Browne, a gentleman who for many years took a great interest in the Museum. His place at the Board has been filled by the election of Mr. C. T. Belstead.

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

- I. Balance Sheet, Museum and Gardens.
- II. List of Donations to Museum.
- III. Report of the Superintendent of the Gardens.
- IV. List of Exchanges and Donations to the Botanical Gardens.

J. BARNARD, *Chairman.*

ALEX. MORTON, *Curator and Secretary.*
6th August, 1890.

APPENDIX I.

STATEMENT of the Funds of the TASMANIAN MUSEUM and BOTANICAL GARDENS for the Year 1889.

Receipts.		£	s.	d.	Expenditure.		£	s.	d.	£	s.	d.									
Balance from 1888.....					37	13	5	<i>Museum—</i>													
<i>Museum—</i>								Salary of Curator and Sec- retary					250	0	0						
Grant to Museum					500	0	0	Salary of Attendant					109	0	0						
Balance of Milligan's Legacy					53	0	0	Salary of Boy					18	0	0						
By sale of Iron Pillars					16	0	0	Repairs and Fittings.....					143	1	10						
								Sundries and Petty Cash					55	11	3						
<i>Botanical Gardens—</i>								Insurance.....					11	13	2						
Grant to Botanical Gardens.....					800	0	0	Rates.....					13	3	4						
Sale of Plants.....					108	10	2	Cheque Books					1	0	10						
								Specimens					12	8	0						
Balance					48	10	5	Printing and Periodicals					12	2	6						
								Fuel and Gas					22	2	0						
																648	2	11			
								<i>Botanical Gardens—</i>													
								Salary of Superintendent....					210	0	0						
								Wages.....					576	8	4						
								Sundries					129	2	9						
																			915	11	1
																			£1563	14	0

I HAVE examined this Balance Sheet, and compared the Entries with the Vouchers and Bank Book, and find the Balance (£48 10s. 5d.) to be correctly stated.

JOHN F. ECHLIN, *Auditor.*

31st July, 1890.

APPENDIX II.

LIST OF DONATIONS.

MAMMALS.

Two Native Tigers—*Thylacinus cynocephalus*. Mr. F. Dunbabin.
Echidna setosa. Mr. Propsting.
Hypsiprymnus apicalis. Master C. Coombs.
Pteropus conspicillatus. Capt. Riddle.

BIRDS.

Two *Platycercus eximius*. Mr. Hounslow.
Pelecanus conspicillatus. Mr. Thos. Bower.
Acanthochaera inauris (albino). Mr. W. Burbury.
Acanthochaera inauris. Mr. Curtin.
Astur Novæ Hollandiæ. Mr. Moore.
 Ditto. Mr. E. H. Mitchell.
Malacorhynchus membranaceus. Mr. Thomas Brown.
Fulica Australis. Mr. J. Irwin.
 Ditto. Mr. Macnamara.
Biziura lobata. Mr. E. Richardson.
 Ditto. Mr. C. C. Nairn.
Strix castanops. Mr. E. Gregory.
 Ditto. Mr. H. W. Bayley.
Strigops habrotilus; *Apteryx Australis*. Mr. Joseph Clarke.
Turnix varius. Mr. J. R. M'Clymont.

REPTILES.

Hoplocephalus curtus. Mr. E. Gates.
 Ditto. Mr. Farquhar.

FISH.

Gonypterus Australis. Mr. T. J. A. Fitzgerald.
Trigla kumu. Mr. G. Clarke.
Acanthias vulgaris. Mr. Mitchell.
Percis Allportii. Mr. J. Whelan.

SHELLS.

Loligo sp. Mr. M. Burgess.
 Ditto. Mr. Chas. Allen.

MINERALS.

Specimen Ironstone. Mr. J. Wilson.
 Collection of Tin Ore specimens and Rocks from Mt. Bischoff. Mr. F. Kayser.
 Specimen Zaratite. Mr. W. F. Petterd.
 Collection Silver-Lead Ores. Mr. E. Mace.
 Ditto. Mr. Henry Nickolls.
 Collection of Rocks and Minerals from the West Coast. Mr. Geo. Lightly.

APPENDIX III.

GENTLEMEN,

I HAVE the honor to submit my Report on the progress and condition of the Botanical Gardens for the year 1889.

Consequent on the more favourable climatic conditions prevailing during the latter part of the year 1889, the plants in the garden which had suffered from the several preceding dry seasons, have to a very great extent recovered, and are now in a much improved condition.

Notwithstanding the favourable season for plant growth, the absence of a good supply of water was still apparent, and I cannot too strongly urge the necessity of steps being taken to remedy this much and long-felt want.

The old fruit trees on the upper part of the Fruit Square have been dug up, and the privet hedge removed. The ground has been dug over several times for the purpose of destroying weeds and bringing it into a fit condition for planting. It is proposed to lay it down with grass in the first instance, and when this is sufficiently established beds will be cut out and planted with distinct groups of plants suitable for the position. The removal of this portion of the Fruit Square has considerably opened up the centre of the garden, and it is hoped the time is not far distant when the remaining portion can be dispensed with.

The culvert passing through the centre of the garden has been taken up and replaced by 18-inch pipes. This is a great improvement, as visitors can now use the walk with safety, which was not the case when the covering was slabs in a more or less rotten condition.

As usual, all available labour has been employed in the work of maintenance, but the numerical strength is not sufficient to maintain the upkeep as efficiently as could be desired, and several works are in arrears. The plant labels put out some four years ago are becoming obliterated, and are much in need of renewal; an effort will be made to perform this work during the coming season.

I have in previous Reports alluded to the rotten condition of the Plant Houses, and to the urgent necessity of providing new and better structures. I wish again to press this matter, as year by year these structures are becoming worse and worse, and some of them are in danger of collapsing. About 300 new plants have been added to the collection in the garden during the year, many of them of botanical interest only; but the following are a few that are worthy of special mention:—*Santalum album*, a plant yielding by distillation the valuable Santal Oil of commerce; *Jacaranda tomentosa*—this is said to be superior as a flowering plant to the well-known *Jacaranda mimosæfolia*, being more floriferous and of more compact growth; *Ochna multiflora* is a good ornamental plant of easy growth.

I pointed out last year the necessity of additional space and assistance being required in the Nursery department, which is at present very cramped. The yearly increasing applications for plants for railway and public planting renders it necessary that some special provision should be made for the purpose of propagating and growing plants for public purposes. At present it is not possible to have sufficient plants on hand to satisfactorily meet all demands; nor is it possible with the present labour staff to do more than is at present being done in this direction. If, therefore, assistance is to be rendered in planting public places to any extent, a special sum should be set apart for the purpose, so that a larger quantity of plants could be produced and supplied when required for suitable places.

The number of visitors to the Gardens during the year was 60,286.

F. ABBOTT, *Superintendent Botanical Gardens.*

*The Trustees of the Tasmanian Museum and
Botanical Gardens.*

APPENDIX IV.

EXCHANGES OF PLANTS AND SEEDS DURING 1889.

From—

- The Botanic Gardens, Hong Kong—Collection of Seeds.
- The Botanic Gardens, Calcutta—Collection Seeds.
- The Botanic Gardens, Melbourne—Seeds and Plants.
- The Botanic Gardens, Adelaide—Collection Seeds.
- The Royal Gardens, Kew—Collection Seeds, London.
- The Botanic Gardens, Saharunpur—Collection Seeds.
- The Botanic Gardens, Natal, South Africa—Collection Seeds.
- Baron Ferd. von Mueller, Melbourne—Numerous sendings of Seeds and Plants.
- B. Shaw, Esq.—Native Seeds.
- T. B. Moore, Esq.—Native Seeds.
- J. Grant, Esq., Tullochgorum—Seeds Eucalypti.
- E. C. Nowell, Esq.—Seeds from Mauritius.
- J. Veitch & Sons, Nurserymen, London—Collection of Seeds.
- Mr. J. Latham, Nurseryman, Hobart—Plants and Seeds.
- Messrs. Heyne & Co., Nurserymen, Adelaide—Seeds.
- Law, Somner, & Co., Nurserymen, Melbourne—Plants and Seeds.
- G. Brunning & Sons, Nurserymen, St. Kilda—Case of Plants.
- Messrs. Shepherd & Sons, Sydney—Case of Plants.
- S. Purchase, Nurseryman, Parramatta—Case of Plants.
- W. Cheeseman, Nurseryman, Brighton, Victoria—Box Plants.

To—

The Royal Gardens, Kew, London—Collection Seeds.
 The Botanic Gardens, Melbourne—Moss and Seeds.
 The Botanic Gardens, Saharunpur—Collection Seeds.
 The Botanic Gardens, Port Natal—Collection Seeds.
 The Botanic Gardens, Calcutta—Collection of Seeds.
 Baron Ferd. von Mueller, Melbourne—Collection of Seeds.
 E. P. Dempster, Esq., Mauritius—Collection of Seeds.
 Mr. J. Harris, Melbourne—Collection of Plants.
 Messrs. Veitch & Sons, London—Hardy Eucalypti Seeds.
 Messrs. Pilmorin, Andrieux, & Co., Seedsmen, &c., Paris—Seeds.
 Messrs. Law, Somner, & Co., Melbourne—Plants and Seeds.
 W. Cheeseiman, Brighton, Victoria—Plants and Seeds.
 Mr. S. Purchase, Sydney—Plants and Seeds.
 Messrs. Shepherd & Co., Sydney—Plants and Seeds.
 G. Brunning & Sons, St. Kilda, Melbourne—Plants and Seeds.
 Plants supplied for planting Public Places in Tasmania—
 Franklin Square—50 Plants.
 Government Railways—650 Plants.
 Queen's Domain—150 Plants.
 Cornelian Bay—70 Plants.
 Church of Rome, New Norfolk—100.
 Church of Rome, Launceston—100.
 St. Andrew's Church, Hobart—25 Plants.
 Mr. Dowie, Evandale—50 Plants.
 Rev. Russell, Evandale—50 Plants.
 Campbell Town Church—100 Plants.
 Beaconsfield Cemetery—100 Plants.
 Lefroy Cemetery—100 Plants.
 Hagley Cemetery—100 Plants.
 Recreation Ground, Ulverstone—100 Plants.
 Recreation Ground, George's Bay—100 Plants.
 St. David's Church, Hobart—50 Plants.
 Pig Island, Launceston—500 Plants.
 J. Grant, Esq., Fingal Railway—50 Plants.