

REPORT

OF THE

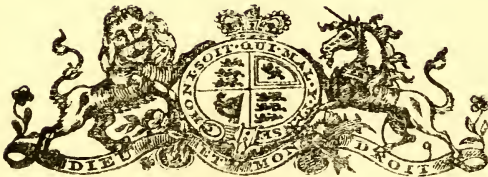
ROYAL SOCIETY

OF

TASMANIA

FOR THE YEAR

1884.



Tasmania:

WILLIAM THOMAS STRUTT, GOVERNMENT PRINTER, HOBART.

Sm
1885.

ROYAL SOCIETY OF TASMANIA.

Patron:

HER MAJESTY THE QUEEN.

President:

HIS EXCELLENCY MAJOR SIR GEORGE CUMINE STRAHAN,
R.A., K.C.M.G.

Vice-Presidents:

HON. J. W. AGNEW, M.D., M.L.C.
JAMES BARNARD, ESQ.,
HIS HONOR MR. CHIEF JUSTICE DOBSON, M.E.C., F.L.S.
THOMAS STEPHENS, ESQ., M.A., F.G.S.

Council:

* JOHN SWAN, ESQ.
* JUSTIN M'C. BROWNE, ESQ.
* A. G. WEBSTER, ESQ.
* H. A. PERKINS, ESQ., M.D.
C. T. BELSTEAD, ESQ.
T. STEPHENS, ESQ., M.A., F.G.S.
THE RIGHT REV. BISHOP SANDFORD, LL.D.
J. BARNARD, ESQ.
HIS HONOR MR. CHIEF JUSTICE DOBSON, M.E.C., F.L.S.
C. H. GRANT, ESQ.
RUSSELL YOUNG, ESQ.
HON. J. W. AGNEW, M.D., M.L.C.

Treasurer:

C. J. BARCLAY, ESQ.

Hon. Secretary:

HON. J. W. AGNEW, M.D., M.L.C.

Auditors of Annual Accounts:

FRANCIS BUTLER, ESQ.
JOHN MACFARLANE, ESQ.

Auditors of Monthly Accounts:

JUSTIN M'C. BROWNE, ESQ.
C. T. BELSTEAD, ESQ.

Curator of Museum:

MR. ALEXANDER MORTON.

Superintendent of Gardens:

MR. FRANCIS ABBOTT.

* Members who retire next in rotation.



Honorary Members.

- * Baron F. Von Müller, K.C.M.G., M.D., F.R.S., F.L.S., &c., Government Botanist, Melbourne, Victoria.
- * Rev. J. E. Tenison-Woods, F.L.S., F.G.S., F.R.G.S., Sydney.
Mrs. Charles Meredith, Malunnah, Orford.

Corresponding Members.

- * Members who have contributed Papers which have been published in the Society's Transactions.

Professor John Agardh, M.D., University of Lund, Sweden.
W. H. Archer, Esq., Melbourne.

- * Frederick M. Bayley, F.L.S., Brisbane, Queensland.

- * G. Bennett, Esq., M.D., F.Z.S., Sydney, New South Wales.

William Tompson Bednall, Esq., Adelaide, South Australia.

John Brazier, Esq., C.M.Z.S., Sydney.

Rev. J. J. Bleasdale, D.D., F.G.S.

Rev. George Brown, C.M.Z.S., Sydney.

R. J. L. Ellery, Esq., F.R.S., F.R.A.S., Government Astronomer, Melbourne.

- * Robert Etheridge, jun., Esq., F.G.S., British Museum.

Dr. Julius Haast, F.R.S., F.G.S., Director of Museum, Christchurch, New Zealand.

Professor W. Harkness, U.S.N., United States Naval Observatory, Washington.

Henry Heylyn Hayter, Esq., C.M.G., Government Statist, Melbourne.

Sir Joseph Dalton Hooker, C.B., K.C.S.I., &c., &c., London.

- * F. W. Hutton, Esq., F.G.S., C.M.Z.S., Professor of Biology, Canterbury College, Christchurch, New Zealand.

James Hector, Esq., M.D., C.M.G., F.R.S., F.G.S., Director Geological Survey of New Zealand, Wellington.

- * Colonel W. V. Legge, R.A., F.Z.S., M.R.A.S., Hobart

Archibald Liversidge, Esq., F.R.S., F.C.S., F.G.S., F.L.S., F.R.G.S., &c., &c., Professor of Chemistry and Mineralogy, University of Sydney.

Hon. W. M^cLeay, F.L.S., Sydney.

- * G. McIntyre, Esq., Christchurch, New Zealand.

Professor F. M'Coy, F.R.S., F.G.S., University of Melbourne.

Professor G. Neumayer, Munich.

E. P. Ramsay, Esq., F.L.S., Curator of Australian Museum, Sydney.

Rev. Charles Rogers, LL.D., Secretary Royal Historical Society, London.

Dr. W. O. Sonder, Foreign Hon. Sec. Society of Naturalists, Hamburg.

Richard Schomburg, Ph.D., C.M.Z.S., Director of Botanic Gardens, Adelaide.

* Ralph Tate, Esq., F.L.S., F.G.S., Professor of Natural History, University of Adelaide.

C. Tomlinson, Esq., F.R.S., F.C.S., &c., Highgate, near London.

Professor G. F. H. Ulrich, F.G.S., Melbourne.

Mons. J. N. Verschaffelt, Ghent, Belgium.

List of Fellows.

* Fellows who have contributed Papers which have been published in the Society's Transactions. † Denotes Life Membership.

The addresses of Fellows residing in Hobart are omitted.

- Andrew, James.
 * Abbott, Francis.
 Adams, G. Patten.
 Adams, R. Patten.
 * Agnew, Hon. J. W., M.D., M.L.C., Fellow of the Linnean Society of New South Wales.
 Aikenhead, Hon. J., M.L.C., Launceston.
 Allport, Morton John Cecil.
 Archer, W. Henry D., M.H.A., Brickendon, Longford.
 Atkins, Charles J.
 Atkinson, Thomas R.
- Barclay, C. J.
 * Barnard, James.
 Barnard, C. E., M.D., F.L.S.
 Barnes, William, Trevallyn, Launceston.
 Bastow, Richard A.
 * Beddome, C. E.
 Bedford, W. J. Guthrie, M.R.C.S., Waratah, New Town.
 Belstead, C. T.
 Belbin, W., M.H.A.
 Bernacchi, Diego A. G., Maria Island.
 Bethune, John C., Dunrobin.
 Bidencepe, J.
 * Biggs, A. B., Launceston.
 Bilton, H., Glenorchy.
 Boyes, W. L., George's Bay.
 Bright, R. S., M.R.C.S.
 Brock, H. J., Campania.
 Browne, Justin M.C.
 Brown, Hon. Nicholas J., M.H.A., Meadow Bank, Glenora.
 Buckland, Rev. John Vansittart.
 Buckland, W. Harvey, B.A.
 Butler, Francis.
 Butler, Henry, F.R.C.S.
 Burgess, Hon. W. H., M.H.A.

Charpentier, W. H.
 Clarke, Rev. George, New Town.
 Clark, A. I.
 Cook, Henry.
 Cook, Henry, jun.
 Cowle, Anne Caroline, Miss.
 Crawford, Lieut-Colonel, Andrew, Hamilton-on-Forth.
 Crosby, Richard.
 Crowther, E. L., M.D.
 Crouch, E. J., M.R.C.S.
 Crosby, William.

Davies, J. George, M.H.A., Mayor of Hobart.
 Davies, Charles Ellis.
 Dobson, Hon. Alfred, M.H.A.
 Dobson, His Honor William Lambert, M.E.C., F.L.S.
 Dobson, Henry.
 Dodds, the Hon. J. S., M.H.A.
 Dowdell, Charles.

Elliston, C. H.
 Evans, T. M.

Fincham, James.
 Fitzgerald, George P.
 Fysh, Hon. P. O., M.E.C.
 Fysh, P. Oakley.

Gawne, E. B.
 † Gellibrand, Hon. W. A. B., M.L.C., Hon. Member Leeds
 Institute, River Ouse.
 Giblin, Edward O., M.D.
 Giblin, Arthur.
 Goldsboro, Dr., New Zealand.
 Graham, Albert W., L.S.A., M.R.C.S., Franklin
 Grant, C. H.
 Grant, James.

Hamilton, John.
 Hardy, Wentworth.
 Harris, Rev. R. D Poulett, M.A.
 Henry, Robert, jun.
 Hickling, Wyatt.
 Hinsby George.
 Holden, Lonsdale A., M.R.C.S.
 Hookey, Vernon W.

Hunter, Henry.
Huybers, James Alfred.

Jeffrey, Molesworth, Bournbank, Lachlan.

* Johnston, R. M., F.L.S.
Just, T. C.

* Kent, W. Saville, F.L.S.
Kermode, W. A., Mona Vale.
* Kingsmill, C. H., M.A.
Knight, William J., M.A.

Latham, G. H.
Legge, W. V., Colonel, R.A.
Little, W. P.
Lodder, Miss Mary, Lonah, Leven, N. W. Coast.
Lord, Hon. John, M.L.C.
Lovett, William.

Mace, Frederick, Buckland.
Macfarlane, W. H., M.B., New Norfolk.
Macfarlane, James.
Macfarlane, John.

* M'Clymont, James R., M.A., Cascades, Tasman's Peninsula.

* M'Cance, John, F.R.A.S.

Mackay, Patrick.
Macmichael, John C.
Maddox, Wm. Gordon, M.R.C.S., Launceston.
Marsh, H. J.
Mather, J. B.

* Mault, Alfred, New Norfolk.

Maxwell, C. M.
Maxwell, J. Crawford.
Milles, R. Sydney.
Morton, Alexander.
Murphy, Most Rev. D., Bishop of Hobart.

* Nairn, C. C., New Town.

Napier, G. R.
Nicholas, Wm., Nant, Bothwell.
Nicholas, Geo. C., Mill Brook, Ouse.
North, A.

* Nowell, E. C.

Park, Archibald, M.R.C.V.S.

Parsons, Cecil J.

Pedder, Frederick.

Perkins, H. A., M.D., M.R.C.S.

* Petterd, W. F., C.M.Z.S., Launceston.

Pillinger, John, Antill Ponds.

Poynter, Miss E. C., Sandy Bay.

Read, R. Cartwright, Redlands, New Norfolk.

Reynolds, W. J. J.

Riddoch, Alexander.

Robertson, Arthur J.

Roberts, H. L.

Rodway, Leonard.

Rooke, H. I., M.H.A., Launceston.

* Ross, J. Clunies, B.S.C., F.G.S., &c.

Salier, Frederick J.

Sandford, Right Rev. D. F., LL.D., Bishop of Tasmania.

Seal, Matthew.

Seager, Philip.

Sharp, John.

Shaw, Bernard.

* Shoobridge, W. E., New Norfolk.

Shoobridge, R. W. G., New Norfolk.

* Shortt, J., Capt. R.N.

Simmons, Rev. J. Wilkes.

* Simson, Augustus, Launceston.

Smith, Hon. Sir Francis Villeneuve, Knt. M.E.C., London.

Smith, C. H., Launceston.

† Solomon, Joseph.

Sprent, Charles P.

* Stephens, Thomas, M.A., F.G.S.

Story, Dr. G. F., Swanport.

* Swan, John.

* Swan, Edward D.

Swift, H. L., German Town.

Syme, J. Wymyss.

Thureau, G., F.G.S., Launceston.

* Travers, S. Smith.

Wagenknight, A., George's Bay.

Walch, James H. B.

Walch, J. W. Henry.

Waller, G. Arthur, M.A., Cangort, New Town.

Walker, James Backhouse.

Wallack, E., Cascades, Tasman's Peninsula.

Ward, W. F.

Weaver, George.

* Webster, Alex. Geo.

Westbrook, G. C.

Weymouth, W. A.

Wilson, Edward P.

Wilson, Fleetwood P.

Wise, Fred. H.

Woollnough, Rev. J. B. Williams, M.A.

Wright, Stephen P. H., The Grove, Glenorchy.

Young, Russell.

Obituary.

JOSEPH MILLIGAN, born in Dumfrieshire, 1807, died in London, 1884. Obtained Diploma of the R.C.S., Edinburgh, 1829. Appointed Surgeon, in 1830, to the Van Diemen's Land Company at Surrey Hills, where he remained 10 or 12 years. Was then, by Sir John Franklin, appointed Inspector of Convict Discipline, and subsequently Superintendent of the Aborigines, which position he held from 1843 to 1855, with the interval of one year, 1846-7, when he proceeded to Macquarie Harbour in charge of a large party of convicts. He was Secretary to the Royal Society from about 1847 to 1859, when he returned to England, where he acted as Commissioner for Tasmania at the Exhibition of 1862. During his long rule over the Aborigines he compiled a valuable Vocabulary of their language, which was published by the Royal Society.

Other Members who had died during the year were the Hon. Thomas Daniel Chapman, M.E.C., President of the Legislative Council, and Mr. Henry John Buckland.

MINUTES of the Annual General Meeting of the ROYAL SOCIETY OF TASMANIA, held at the Museum on Monday evening, 26th January, 1885,—JAMES BARNARD, Esquire, Vice-President, in the Chair.

THERE was a fair attendance of Fellows. Professor Lucas, M.A., and Mr. H. R. Brookes, of Melbourne, were present as visitors.

The under-mentioned gentlemen were duly elected Fellows of the Society ; viz., Rev. F. Shann and Geo. Richardson, Esquire.

The Chairman called upon the Hon. Secretary, the Hon. Dr. Agnew, M.D., to read the Annual Report.

The Report for 1884 was then read.

Colonel W. V. Legge moved, and Mr. Leonard Rodway seconded, the adoption of the Report. Carried unanimously.

VOTES OF THANKS.

Mr. T. Stephens, M.A., Chief Inspector of Schools, said the reading of the Report had suggested something to him—a duty which they ought not to separate that night without performing. The motion he was about to propose was of a character which was usually made in a formal way, but in connection with the Royal Society it was not to be taken as a mere form, but as expressing the heartfelt thanks and gratitude of the Fellows to one who had always been their helper, patron, supporter, and valued officer. The only difficulty in dealing with the subject was that the Fellow to whom he referred was one who objected most strongly to any eulogiums being passed upon him in his presence. For that reason he did not intend to say much about it, but simply that the Society owed a hearty debt of gratitude to Dr. Agnew (applause) for having so kindly, at a time, too, when he might have retired on his laurels, reassumed the work which he had so long discharged as Honorary Secretary of the Society, and for his having been at its head during what he had himself spoken of as the most successful session or campaign since it was founded, whether they

regarded the donations which had been received, the accession of new Fellows, or the work done in the Museum with the aid of their energetic Curator. (Applause.) The Society was now more prosperous than it had ever been on any previous occasion ; and they could not think of its prosperity without remembering how much of it they owed to their Honorary Secretary. He begged to move a vote of thanks to that gentleman for his valuable services as Secretary during the past 12 months. (Applause.)

Mr. C. H. Grant seconded the motion. Having been a constant attendant at the meetings of the Society, he could bear testimony to the great zeal which Dr. Agnew had always shown in its proceedings. To that gentleman's generosity the Society was greatly indebted ; and he (Mr. Grant) congratulated him on having been assisted during the past year by such an able Curator as Mr. Morton, who had metamorphosed the Society altogether by the energy of his exertions. They had no doubt the best officers that any scientific society could possess, and it was impossible, therefore, but that it should go on and prosper.

The Chairman said he was sure he had only to put the motion to secure it a most cordial and enthusiastic reception.

The motion was carried by acclamation.

Dr. Agnew said he had returned thanks on previous occasions to similar votes of approval, and he could hardly add anything to what he had said previously in so doing. He did feel highly gratified, and he was sure it must be a source of satisfaction to every Fellow present, to see the fresh start which the Society had taken during the past year. For the first time the papers and proceedings had been laid on the table at the annual meeting, which was altogether unprecedented, and marked a considerable amount of energy in their officer who was responsible for it. Though the papers for 1884 had been very valuable, he believed they might fairly assume that those of the ensuing year would be equal to them. A great deal of energy had been thrown into every branch of the Society, and this was to a great extent due to the valuable exertions of their Curator, Mr. Morton. (Hear, hear.) The Society had a great acquisition in that gentleman ; and his labours had been well supplemented by those of Mr. Johnston and other Fellows who had contributed papers on various subjects. He

hoped that this year and all subsequent years would bring as much success to the Society as the last one had done. (Applause.)

Mr. Morton proposed, and Mr. Johnston seconded, a vote of thanks to the Press, and especially to the *Mercury*, for the valuable assistance rendered in the reporting of their proceedings in a way which was far beyond the ordinary course of business. The motion was carried with applause.

ELECTION OF OFFICERS.

On the motion of Mr. E. D. Swan, seconded by Mr. R. M. Johnston, the following gentlemen were re-elected Members of the Council :—Mr. Justice Dobson, Messrs. J. W. Agnew, M.D., C. H. Grant, and Russell Young.

On the motion of Mr. E. D. Swan, seconded by Colonel Legge, Messrs. John Macfarlane and Frank Butler were re-elected Auditors of the Society.

PAPERS AND PROCEEDINGS.

The Hon. Secretary said he desired to mention that the Papers and Proceedings of the Society for the year 1884 had been already printed. Copies were now on the table, and were ready for circulation. This was the first time such a thing had been done since the Society first commenced publishing its proceedings. (Applause.) The book this year contained several valuable and interesting papers.

CONTRIBUTIONS.

The Chairman drew attention to a large collection of books and pamphlets which had been received from America and Canada from different learned Societies that day, and which were then on the table before members.

Mr. Stephens suggested that those Fellows who were members of Parliament should try to get a vote of money for the extension of the building, or otherwise they would soon have no room for their possessions.

CATALOGUE OF BIRDS.

Colonel Legge intimated his intention of preparing a catalogue of the birds of the Colony during the next year, and hoped the Society would accept it as part of its proceedings.

The Chairman (on behalf of the Council), Dr. Agnew, and Mr. Johnston spoke in favour of the necessity of such a compilation, and of the value it would be in spreading the science of ornithology in the Colony.

Colonel Legge also commented on the absence of a proper collection of skins in the Museum, and expressed the hope that residents in the country districts would send in contributions, as there was no fear now of anything being thrown away.

Mr. Morton spoke in favour of the proposed catalogue, believing it would be the means of doing away with the practice of giving local names to specimens which had no meaning perhaps beyond their present owners.

The proceedings then terminated.

R E P O R T.

THROUGHOUT the Session of 1884 the attendance of Fellows at the evening meetings has been larger, and the papers brought forward have been more numerous than in any previous period. The papers were:—“References to Baron C. Von Ettingshausen’s recent observations on the Tertiary Flora of Australia; also “A complete Census of the Flora of Deal Island in Kent’s Group:” by Baron F. Von Müeller, K.C.M.G., M.D., F.R.S., &c.—“Notes of spectroscopic observations of the comet Pons, 27th January to 2nd February, 1884;” “Report of spectroscopic observations of the Twilight Glows during February and March, 1884;” “Observations on Mr. R. M. Johnston’s Vital Statistics:” by A. B. Biggs.—“Notes regarding certain Fossil Shells occurring at Table Cape, supposed to be identical with living species;” “Notes on Fossils from Maria Island;” “Notes on three Tasmanian Fish;” “Additions to the list of Table Cape Fossils, together with further remarks upon certain fossil shells supposed to be identical with living species;” “Notes on a fossil *Cypris alburyana*;” “Description of a new *Vitrina* from the Travertin beds, Geilston;” “Notes on description of a new species of *Odax*;” “Description of a new Fossil Shell from the Eocene beds, Table Cape;” “Remarks on the observed periodicity of the Death-rate, with suggestions as to its possible relation with the periodicity of solar and other super-terrestrial phenomena;” “Notes on the discovery of two rare species of Ferns new to Tasmania;” “Description of a new species of *Crepidula*, from the Eocene beds, Table Cape;” “Observations on six rare Fishes recently captured in Tasmanian waters;” “A rejoinder to Mr. A. B. Biggs’ criticism of observations made in respect of the observed periodicity of the Death-rate,”

&c. : by R. M. Johnston, F.L.S.—“Results of a certain critical examination of the Mollusca of the older Tertiary of Tasmania allied to some living representatives;” “Description of some new Fossil Mollusca from Table Cape;” “On the community of species of aquatic pulmonate Snails between Australia and Tasmania;” “Description of new species of Mollusca of the Upper Eocene beds at Table Cape:” by Professor R. Tate, F.L.S., F.G.S.—“Notes on boring operations in search of coal in Tasmania:” by T. Stephens, M.A., F.G.S., &c.—“Osteosarcoma, or so-called Cancer of the Jaw in Cattle:” by H. A. Perkins, M.D.—“Notes on a Sapphirina and a Salpa, caught off the Cape of Good Hope:” by J. M’Cance, F.R.A.S.—“The River Derwent; Note upon the flood of September 23, 1884:” by A. Mault.—“Tentative list of Navigators who visited Van Diemen’s Land prior to September, 1803:” by J. R. M’Clymont, M.A.—“Notes on the *Cæstrus Ovis*, or Gadfly of the Sheep:” by A. Morton.—“Notes on the Infusorial Parasites of the Tasmanian White Ants:” by W. Saville Kent, F.L.S., &c.—“On the determination of a true Meridian:” by H. C. Kingsmill, M.A.—“Earthquake Shocks in Tasmania during the year 1883-84: by Commander Shortt, R.N.

At the evening meeting of September, Mr. Robert Henry, jun., Superintendent of Telegraphs, delivered a lecture on “Submarine Cables,” giving a practical illustration of means by which the localities of breaks or faults in the cable are determined.

LIBRARY.

The Library, in addition to the ordinary periodicals, has been enriched by valuable donations from the Hon. W. Macleay, of Sydney, the Trustees of the British Museum, the Royal Society of Canada, and other scientific bodies. The Curator has done excellent work in properly classifying all the books and pamphlets, and compiling a complete catalogue. This compilation has long been a desideratum, and it is very gratifying to be able to record its accomplishment. The manuscript of the catalogue is now in the hands of the Government Printer.

DOMAIN.

The Domain Improvement Committee has not been idle. A considerable length of new road has been made, and tree planting has been carried on. It is unpleasant to have to report that a few of the young trees have been wantonly destroyed, but, generally speaking, the trees are doing well.

FELLOWS.

Fifty new Fellows, an unprecedented number, have been elected, and six have been lost through death or resignation. One of these deaths, that of Mr. Joseph Milligan, claims special notice. If Sir John Franklin must be called the first, Mr. Milligan may certainly be reckoned as the second founder of the society. It was entirely owing to his exertions that the present building was erected, and it was chiefly due to his great abilities and fostering care that at one period the society was safely carried through difficulties which threatened its existence. The number of Fellows is 150.

METEOROLOGY.

Meteorological observations have been carried on as in last year.

COUNCIL.

One death, that of Mr. H. J. Buckland, an old and valued member of the Council, took place. The vacancy was filled by the appointment of the Right Rev. Dr. Sandford, Bishop of Tasmania.

FINANCE.

The income has been:—Government grant-in-aid to Museum, £200; grant to Gardens, £600; annual subscriptions to Royal Society, £196 10s.; sale of plants, £128 3s. 2d.; making, with balance from 1883, £1199 11s. 2d. The expenditure amounted to £1169 1s. 5d., leaving a balance to credit £30 9s. 9d.

It is a matter of deep satisfaction that the grant for 1885 to the Museum has been augmented by £100, and that to the Gardens by £200. These additions have been long and urgently needed.

MUSEUM.

In the early part of the year some cases and jars which had been used at the Fisheries Exhibition in London were offered to the Society on the condition in the first place that certain claims upon them should be paid. Subsequently, however, Government courteously waived all claims on the cases, and they are now utilised in the Museum. We have to acknowledge with best thanks our indebtedness to Mr. E. P. Ramsay, F.R.S.E., F.L.S., and the authorities of the Sydney Museum, for the very great liberality they have shown in presenting to us the numerous and valuable specimens, the names of which appear in the list of donations. The Queensland Museum is also a liberal donor.

On the part of the public, a marked increase of interest in the Museum has been shown by the unusually large number of donations from divers parts of the colony. In the collection special to Tasmania, the objects have been re-arranged according to their natural orders, and many new ones have been prepared and mounted by the Curator, Mr. A. Morton, whose zeal, energy, and ability demand special recognition.

The collection is thus gradually approaching to that condition, so much to be desired, in which it will fairly represent the geology, the flora, and the fauna of Tasmania.

To the donors of plants and seeds, and to the owners and captains of vessels and others who have gratuitously assisted in making the usual exchange, the best thanks of the Society are due.

GARDENS.

Many of the plants suffered severely from the drought during the early part of the year, and some apparently acclimatised were quite destroyed. Dahlias, Asters, Stocks, Phloxes, and other autumn flowering plants, either did not flower at all, or did so in a very imperfect manner. The want of an adequate supply of water was never more severely felt. Included in the plants introduced during the year are many of great interest. Seedlings have been raised of the following choice coniferæ:—*Abies ajanensis*, *polita*, *concolor*, *grandis*, *nobilis*, *sechalinensis*,

Veitchii, and Albertiana; also of *helesia tetraptera* (the Caroline snowdrop tree), *Parkinsonia aculeata* (the Jerusalem thorn), *Adansonia digitata* (Monkey bread or Baobab), a tree remarkable for its great size of trunk, sometimes measuring 80ft. in circumference, *Nyssa aquatica* and *capitata*, and several species of American forest trees, including Sycamores, Ashes, Betulas, etc. Hitherto the greater number of the introduced plants have been procured by exchange, effected by sending Norfolk Island pines and Tree ferns (*Dicksonia antarctica*) to Europe. By late advices, however, we learn that the Tree Fern can now be purchased in London for less than the freight from Tasmania, and that the Norfolk Island pine is propagated by cuttings, in France, to such an extent as to keep the Home market fully supplied. So few Tasmanian plants would now be accepted as exchanges that we shall have to depend principally on purchases for any future acquisitions to our collection. The North American cranberry, *Paccinium racœarpum*, which has been in the Garden for some time, has this year "set" several dozen fruit. This valuable plant, which is suited for growing in bogs unsuited for any other culture, is very prolific when properly cultivated. It is worthy of a careful trial in our lake districts, where it would probably thrive. Cones have been produced on *Cedrus deodara* and *Auricularia Bidwili* for the first time, and from the former several dozen seedlings have been raised. The printed labels, first used upwards of two years ago, have stood fairly well.

The estimated number of visitors to the Gardens was 67,000.

Gardens.

Salary of Superintendent.....	200	0	0
Wages of Labourers.....	341	15	0
Tools and Repairs.....	16	3	1
Freight and Carriage of Plants . . .	5	6	1
Stationery and Stamps	5	9	10
Forage	10	5	5
Horse hire.....	8	16	0
Ironmongery and Fittings, &c.....	45	11	4
Plants and Seeds	13	14	2
Sundries	15	19	1
Water rate.....	3	3	4
Flower Pots and Drain Pipes.....	22	13	1
Cartage	3	18	3
Sand, Earth, Ashes, &c.....	17	5	6
			<u>710 0 2</u>
			<u>£1169 1 5</u>

Balance as per Statement for 1883....	74	18	0
Receipts.....	1124	13	2
Expenditure
Balance to credit
			<u>1169 1 5</u>
			<u>30 9 9</u>
			<u>£1199 11 2</u>
			<u>1199 11 2</u>

£1199 11 2

Examined and found correct.

FRANCIS BUTLER.
JOHN MACFARLANE.

17th February, 1885.

STATEMENT of the MORTON ALLPORT Memorial Fund, 1884.

	<i>Dr.</i>	<i>Cr.</i>
	<i>£ s. d.</i>	<i>£ s. d.</i>
Jan. 1, 1885. To balance as per Statement for 1883	45 18 0	
By Cheque, A. G. Webster, Esq. ...	12 0 0	
Interest Savings Bank ... £0 18 9 1	0 18 3	
Less cost of bank book... 0 0 6 1	<u>0 0 0</u>	
	<u>£58 16 3</u>	
		Jan. 1, 1885. By Balance in Savings Bank to Credit of Fund
		58 16 3
		<u>£58 16 3</u>

Examined with Savings Bank Book and found correct.

FRANCIS BUTLER.
JOHN MACFARLANE.

ADDITIONS to the Library, 1884.

- Annals de la Société Royale Malacologique.
 Annual (Twentieth) Report of the Canterbury Acclimatisation Society.
 Agricultural Gazette, current numbers.
 Annals of Magazines of Natural History, current numbers.
 Athenæum, The, current numbers.
 Annual Report of the American Museum of Natural History, March, 1884.
 Agricultural Statistics, Victoria, 1883-4.
 American Agriculturist, current numbers.
 Address to the Geographical Section of the British Association, by Sir J. H. Lefroy, K.C.M.G.
 Australian Statistics, Melbourne, 1883.
 Barometer Manual for the use of Seamen.
 Bulletin of the American Museum of Natural History of, Vol. 1, No. 5.
 Blue Book of Victoria.
 Bibliotheca Geographica et Historia.
 Bombay Magnetical and Meteorological Observatory, 1879 to 1882, with Appendix.
 Bibliography, III. "Cecalephs," by J. W. Fewkes.
 Botany of Bermuda, 2 parts—part 2. By Sir J. H. Lefroy.
 Carpenter's Zoology.
 Canadian Plants Catalogue.
 Catalogue of Birds in the British Museum, vol. 9.
 Catalogue of the Exhibits in the N.S.W. Court Fisheries Exhibition, London.
 Census of Victoria, 1881, parts 7-8.
 Crime in New South Wales. By H. H. Hayter, C.M.G.
 Catalogue of the Library of the late Hon. J. M'Gregor.
 Catalogue of Exhibits in the Raffles Museum, Singapore.
 Dynamics. By W. M. Gardiner.
 Daniell's Introduction to Chemical Philosophy.
 Dublin Dissector, 2 vols.
 Descriptive Catalogue of Australian Fishes, vols. 1, 2, with Supplement. By the Hon. W. Macleay, F.L.S.
 Descriptive Atlas of the Eucalyptus of Australia and the adjoining Islands. By Baron F. Von Müller, K.C.M.G.
 Denliquin or Baratta Meteorite. By Prof. Liversidge.

Dulau & Co.'s Catalogue of French books.

————— Medical books.

————— Botanical books.

————— Tourist's Guide Book.

Entomologist Tidscrift, vols. 1, 2, 3.

Exchanges and Presentations, List of, made by the Royal Society of New South Wales, 1883.

Extract from the Proceedings of the Victorian Institute, Annual Meeting, 1884. Speech by Sir J. Lefroy, K.C.M.G.

Foraminifera of Victoria.

Fauna and Flora of New Zealand. By Prof. F. W. Hutton, F.L.S.

Fisheries of Ireland, The.

Florist and Pomologist, current numbers.

Fishing and Hunting in Russian Waters, by Dr. C. Grimm.

Geology, Humanism, and Realism. By Dr. Von Haast.

Government Geological Report on the Mines of Herberton, Western Thompson's Creek Districts, and the Silver Mines of the Dry River, Queensland.

Geological Survey of India, vol. 20. parts 1-12. From the Society.

Gardener's Chronicle, current numbers.

Geological Magazine, current numbers.

Handbook of New Zealand. By J. Hector, F.R.S., M.D. &c. From the Survey Department, New Zealand.

History of Tasmania, The. By J. Fenton.

Hourly Readings, part 2, 1882. Meteorological Office, London.

International Fisheries, 43 publications. From the Tasmania Fisheries Commission.

Improved facilities for the capture, economic transmission, and distribution of Sea Fishes, and how these matters affect Irish Fisheries.

Infusoria, A Manual of the. 6 parts. By W. Saville-Kent, F.L.S.

Journal of Science, New Zealand, current numbers.

————— the Royal Microscopical Society.

————— the Society of Arts.

————— of Science (May).

Journal and Proceedings of the Royal Society of New South Wales.

List of Books relating to Tasmania. By J. B. Walker.

Lamarck's Conchology, London, 1827. By E. A. Crouch.

Le Congo depuis l'Equateur jusqu'a l'Ocean.

Monthly Record, Melbourne Observatory.

Meteorological Returns for Tasmania.

- Monthly Notices of the Royal Astronomical Society, London.
Current numbers.
- Materialism vindicated. By Veni.
- Midland Medical Miscellany, The.
- Meteorological Maps (two), from Meteorological Office,
India.
- Reports, India, November and December, 1883.
- Report of the Meteorological Council to the
Royal Society, for the year ending 1883.
- Observations made at the Adelaide Observatory
and other places in South Australia and the Northern
Territory.
- Monthly Weather Report of the Meteorological Office, London,
for January, 1884.
- Record of Results and Observations, &c. By R. L.
J. Ellery, F.R.S.
- Mineral Statistics of Victoria.
- Melbourne Monthly Record Meteorological Observations.
- Meteorological Report for 1883, New Zealand.
- Midland Medical Miscellany.
- Monthly Weather Report, May and April, 1884, Meteorological
Office, London.
- Nature. Current numbers.
- New Zealand Meteorological Report, 1883, including Returns
for 1880-81-82.
- New South Wales Physical Geography and Climate. By H.
C. Russell.
- New Zealand Geological Report for 1883-4. By James
Hector, F.R.S.
- Naturalhistorischen Museum zu Hamburg. Report for 1883.
- Observations on New Vegetable Fossils of the Auriferous
Drifts. By Baron F. Von Müller.
- Observations of the Total Eclipse July 29, 1878. From
U.S. Naval Observatory.
- On the development of certain Worm Larvæ. By A. Agassiz,
F.R.S.
- On the Binjera Meteorite, New South Wales.
- Chemical composition of certain Rocks, New South
Wales.
- Official Introduction to the Bahamas Fisheries, with a description
of the Islands.
- Proceedings of the Linnean Society of Sydney.
- of the Yorkshire Geological and Polytechnic
Society.
- “Progress Verbal,” 17 parts.

Proceedings of the Academy of Natural Science of Philadelphia, part 3, 1883.

“Periodic Law.” By J. A. R. Newlands.

Phanlogamia of the Mitta Mitta Source Basin, (article 2).
By J. Sterling.

Proceedings of the Royal Society of Queensland, vol. 1, part 1, 1884.

Problems of Nature, (two papers.) New York.

Proceedings of the Royal Society of London, 5 parts, vols. 34-36, Nos. 227 to 231.

————— of the Philosophical Society of Glasgow, 1883-4,

————— and Transactions of the Royal Society of Canada.
vol. 1, 1882-83. Pamphlets, 21. By W. Saville-Kent,
F.L.S.

Quarterly Weather Report, part 4, 1876. Meteorological
Office, London.

Records of the Geological Survey of India, vol. 17, part 4.

Report of Tasmanian Fisheries.

————— Progress for 1880-81-82, Canada.

————— Free Public Library, Sydney, N.S.W., for 1883-84.

————— on the progress and condition of the Botanic Gardens
and Government Plantations, Adelaide. By R. Schom-
burgh, F.R.S.

Records of the Geological Survey of India, vol. 17, part 2,
1884.

Report of the Canadian Observations of the Transit of Venus.

————— Australian Museum, Sydney, for the year 1883.

————— Chief Inspector of Mines, Victoria, 1883.

Reports of the Mining Surveyors and Registrars, quarter
ending 31st March, 1884, Victoria.

————— Department of Mines, N.S.W., for the year
1883.

Rocks from New Britain and New Ireland. By Prof. A.
Liversidge.

Results of Rain and River Observations made in N.S.W.
By H. C. Russell.

Records of the Geological Survey of India, vol. 17, part 3,
1884.

Report on the Zoological Collections made in the Indo-Pacific
Ocean during the voyage of H.M.S. *Alert*, 1881-2.

Report on the Administration of the Meteorological Depart-
ment of the Government of India.

Science Gossip, 1874 to 1882.

————— 10 pts., January to October, 1883.

Société Royale Malacologique de Belgique.

- Statistical Register of the Colony of Victoria for 1883.
 Special Catalogue of the Chinese Collection Exhibits for the
 International Fisheries Exhibition, London.
 Sixty-fourth Report of the Council of the Leeds Philosophical
 and Literary Society.
 Statistics of the Colony of New Zealand, pts. 4 & 5, 1883.
 Surface Temperature Charts, Meteorological Office, London.
 Selections from Embryological Monograph.
 ————— “Acalephs and Polyyps,” with 13 Plates, by
 Prof. A. Agassiz.
 Transactions of the Royal Historical Society, vol. 2, pt. 1.
 ————— of the Asiatic Society of Japan, vol. 2, pt. 2.
 Tasmanian Statutes, vols. 1, 2, 3.
 ————— House of Assembly Journals, vols. 44, 45.
 ————— Papers.
 Uber Rinige Afrikanische, Reptilien, Amphibien, and Fische
 des Naturlastorischen Museum. By Dr. J. G. Fischer,
 Hamburg.
 Victorian Naturalist, current numbers.
 Vegetable Moulds and Earth Worms. By Chas. Darwin.
 Vital and Meteorological Statistics of Tasmania. By R. M.
 Johnston, F.L.S.
 Wilson's Human Anatomy.
 Zoological and Acclimatisation Society of Victoria, 20th
 Annual Report, 1883.
-

LIST of Donors to the Museum during 1884.

(For particulars of Donations see lists in Monthly Proceedings.)

Arnold, J., Messrs.

Blyth, —

Broom, Capt.

Browne, Geo.

Bradley, Mrs.

Browne, Justin, Mrs.

Baynton, S. P.

Boyes, W. L.

Buckland, Miss

Bayless, R.

Brent, A., Miss

Brown, N. J., Hon.

Cotton, J.

Clarke, A.

Dove, Miss

Davies, Chas. Ellis

Davies, J. G., M.H.A.

Dunbabin, —

Evans, A.

Flexmore, A.

Green, J. R.

Gawne, E. B.

Graves, —

Gatty, H.

Hissey, J.

Hinsby, Geo.

Hull, E.

Howe, Geo.

Haywood, H.

Jones, A.

Johnston, R. M.

Kent, W. Saville

Kermode, W.

Lodge, —

Legge, Col. W. V.

Meredith, L., Mrs.

M'Clymont, J. R.

M'Ardell, J. O. O.

Morton, A.

Macpherson, D.

M'Cance, J.

M'Cluskey, —

Martin, W. A.

Oakley, J. L.

Petterd, W. F.

Propsting, N. H.

Ratte, F., Mons.

Rollings, R. W.

Reilly, W.

Rex, R. R.

Richards, J. G.

Read, R.

Ranclaud, L. Miss

Swan, John

Stephens, T.

Swan, E. D.

Self, W.

Shaw, B.

Swift, H. L.

Stewart, C. H.

Seal, M.

Turvey, W.

Trustees Australian
Museum

Trustees Brisbane Museum

Whitehead, J.

Ward, W.

Webster, —

PLANTS INTRODUCED INTO THE ROYAL SOCIETY'S
GARDENS DURING 1884.

<i>Abies ajanensis</i>	<i>Chrysopsis villosa</i>
" <i>Albertiana</i>	" <i>falcata</i>
" <i>aloquoiana</i>	<i>Clematis fusca</i>
" <i>concolor</i>	" <i>longorica</i>
" <i>leptolepis</i>	<i>Convolvulus marginatus</i>
" <i>polita</i>	<i>Cyrilla racemiflora</i>
" <i>sechalinensis</i>	<i>Darwinia citriodora</i>
" <i>Siberica</i>	<i>Davallia Fijiensis</i>
" <i>Veitcheii</i>	<i>Daviesia corymbosa</i>
<i>Acacia dentifera</i>	<i>Dictamnus albus</i>
" <i>lunata</i>	<i>Dracocephalum altanense</i>
" <i>tortuosa</i>	<i>Elodia virginica</i>
" <i>urophylla</i>	<i>Eremostachia laciniata</i>
<i>Acer circinatum</i>	<i>Erica ramentacea</i>
<i>Adansonia digitata</i>	" <i>rigida</i>
<i>Albertia simplicifolia</i>	" <i>scoparia</i>
<i>Albizzia procera</i>	<i>Erythrina Humei</i>
<i>Alfreda nivea</i>	" <i>Caffra grossa</i>
<i>Allagi comalarum</i>	<i>Eucalyptus botryoides</i>
<i>Alsine pinifolia</i>	" <i>fibrosa</i>
<i>Anemone rivularis</i>	" <i>Lehmanni</i>
<i>Androsace sarmentosa</i>	" <i>megacarpa</i>
<i>Aquilegia Bartoloni</i>	<i>Euphorbia petulifera</i>
" <i>canadensis</i>	<i>Fraxinus Americana</i>
" <i>oxycephala</i>	" <i>plattycarpa</i>
<i>Aralia racemosa</i>	" <i>Lodgiana</i>
<i>Arum pictum</i>	" <i>potomophilla</i>
<i>Aristolochia sarmentosa</i>	" <i>raibocarpa</i>
<i>Aspidium exaltatum</i>	<i>Grevillea asplenifolia</i>
<i>Asplenium attenuatum</i>	" <i>alpina</i>
" <i>Hookerianum</i>	" <i>buxifolia</i>
<i>Aster lineatum</i>	" <i>confertifolia</i>
" <i>longifolium</i>	" <i>linearis</i>
" <i>oblongifolia</i>	<i>Glycirrhiza bacharica</i>
" <i>spectabilis</i>	<i>Goniostoma ligustrifolia</i>
<i>Atragene alpina</i>	<i>Gypsophila fastigiata</i>
<i>Berberis Thunbergii</i>	<i>Hakea cucullata</i>
<i>Betula Fudisiana</i>	" <i>crassifolia</i>
<i>Bougainvillea brasiliensis</i>	" <i>elliptica</i>
<i>Caliphaca volgarica</i>	" <i>flexilis</i>
<i>Campanula punctata</i>	" <i>leucoptera</i>
<i>Cassia fistula</i>	" <i>nitida</i>
<i>Casuarina glauca</i>	" <i>oleifolia</i>
<i>Cedrela odorata</i>	" <i>trinervis</i>
<i>Cephalandra palmata</i>	<i>Hebenstretia polystachya</i>
<i>Cerastium villosum</i>	<i>Hedychium spicatum</i>

Hovea heterophylla	Polygonum divaricatum sca-
Hypolepis millifolium	brum
Iris Gueldenstadtii lutea	„ polymorphum
Jurinia Eversmanni	„ roseum
Lagerstrœmia Archeriana	Polypodium irioides
Leea sambucina	„ pallidum
Leontopodium Sibericum	„ pennigerum
Leucadendron glabrum	Primula farinosa
Lilium Catesbœ	„ obtusifolia
Lithospermum officinale	Protea cynarioides
Lomaria Banksii	Pterospermum acerifolia
Lonicera Luberechtiana	Pyrethrum selaginoides
„ micrantha	Pyrus prunifolius cerasifolius
Luffa sphaerica	„ baccata costata
Lysimachya punctata	„ „ genuina
Mæsia indica	Quercus agrifolia
Magnolia Halliana	„ bicolor
Marsilea macrophylla	„ Mirbeckii
Matricaria eximea	„ paniculata
„ nana	„ sideroxylon
Melaleuca laterita	Renardia astrantifolia
„ leiostachya	Rhamnus utilis
„ leucodendron	Rheum longoricum
„ nesophila	„ palmatum
„ styphelioides	„ spiciforme
„ tamariscina	„ tangitanum
Mesembryanthemum curvifolius	Rhus aromatica
„ „ gemmini-	„ lævigata
folia	„ succedaneum
Metrosideros scandens	„ undulata
Meytenus pendulinus	„ verniciflua
Mimosa glauca	Rudbeckia fulgida
„ rubicaulis	Salix acuminata
Momordica involucrata	„ finmarchica
Nepita kokamarica	„ nigra
Nertera depressa	„ phyllifolia
Nitraria Schoberi	„ purpurea mutabilis
Nyssa aquatica	Salvia farinacea
„ capitata	Sarcozygum Xanthozylon
Oncoba Kramanni	Saxifraga bromelioides
Oxybalus hymalensis	„ chrysantha
Parkinsonia aculeata	„ crassifolia
Parnassia sp.	„ cuneifolia
Petalostemon canadensis	„ leptoceros
Picea grandis	„ nivalis
Pinus Korariensis	Sedum Ewersii
Plauchea camphorata	Sempervivum arachnoidea
Poa foliosa	Senecio speciosus
Podalyria velutina	Sidolacea candida
Polygala Dalmaisiana	Silene repens

Simplocos crategioides	Toxicophlœa spectabilis
Solanum betaceum	Trislania conferta
Statice myriantha	Tritoma aurea
" Suworowii	" recurvata
Stephania hernandifolia	Tulipa triphylla
Syncarpia laurifolia	Ulmus crassifolia
Syringa Ti Tikœa	Vitis cynthiana
Tacsonia Buchananiana	" elvira
Tanacetum tricophyllum	" indivisa
Thalictrum cornutum	Zygophoro climopodioides
Thermopsis lanceolata	Zygophyllum enrypterum

Pelargonium—Large Flowered.

Archduchess	Hebe the Beautiful
Coquette	Highland Lassie
Covenant	Judith
Decorator	Marchioness
Diplomatist	Miss Harvey
Duke of Bedford	Marion Wilkie
Enchantress	Prince Teck
Fascination	

Pelargonium—Regal.

Beauty of Oxton	Elegantissima
Countess of Rosebery	Karl Klein
Duke of Albany	M. P. H. Zeller
Edward Perkins	Ville de Caen

Pelargonium—Fancy.

Alpicus	Princess Teck
Duchess of Edinburgh	Romana
Figaro	Undine
Jewell	

Pelargonium—Zonal.

Calliope	Nunitor
Dr. John Denny	Perey
Lizzie Brooks	Rev. F. Atkinson
Louis	Surpasse Beauty Suresnes
Miss Fenn	Vanassa

Pelargonium—Ivy-leaved.

Anna Pfitzer	Gamboda
Brilliant	La France
Charm	M. Dubois.
Corinth	Mrs. H. Cannell.
Filiciana	

Rose.

Baron A. de Vrints	Madame Prosper Longie
Beauty François	„ Proudhomme
Beauty of Stapleton	„ Scipion Cochet
Comtesse Rizi du Parc	Marie Cordier
Chamois	Marquis de Sanina
Duchesse of Westminster	Michael Saunders
Dr. Sewell	„ Souchet
Dupay Jamin	Miss Ingram
Domatella Beccan	„ Hassard
Elizabeth Vigneron	Monsieur Fillion
Emilie Plantier	„ Woolfield
Frederic Sonilla	Oxonian
Harrison Weir	Pearl des Jardins
Jean Soupert	Perfection Monplais
John Cranston	Queen Eleanor
La Pactole	Reine des Blanches
Lord Beaconsfield	„ Marie Henrietta
Louisa Wood	Red Saffrano
Madame Ferd de la Forest	Souvenir Adolph Thiers
„ de St. Joseph	„ de George Sand
„ de Jute	„ Victor Verdier
„ Joseph Halphen	Thomas Mills
„ Juliet Wolfen	Vicomtesse Falmouth
„ la Comte Casarta	Well's White
„ Mathilda Lanærtos	

Bouvardia.

Alfred Newner	Dazzle
Corymbiflora alba	President Garfield

Chrysanthemum.—140 new.

FRUIT.

Apple.

Cleopatria	Greave's Pippin
Carter's Blue	Hoover
Cogswell	Jewett's Best
Crow's Egg	John Toon
D. F. Fish	Marston's Red Winter
Early Strawberry	Munroe's Favourite
Gladney's Red	New England Pigeon

Apricot.

Cannino Grossa	Large French Red
Maro	Oulin's Early Peach
Royal Orange	

Avenel
Comet
Concor

Peach.

| Duchardt
| Magdala
| Montgamet

Cherry.

Tomato

Orange.

Canton Mandarin
Egg Orange
Naranja Prata

| Queen
| St. Jago
| Thorny Mandarin

Diospyrus Kaki.

Dio Dio Maro
Kuro Kumo

| Nino
| Zingi

Chestnut.

Bank's Prolific

| Downton

Filbert.

Deviana Prize
Webb's Exhibition, Red

| Webb's Exhibition, White
|

Grape.

Bedwell's Seedling
Black Manuka
Early White Malvoisia
Madeline Royal

| Raisin des Dames
| " Monstreuse
| Ulliade
|



EXCHANGE OF PLANTS AND SEEDS DURING 1884.

January.

From Mr. Wm. Bull, New Plant Merchant, London—Case containing 100 chrysanthemums.

From W. J. Latham, Hobart—Collection imported Dutch bulbs.

To Major Jacobs, Jeypore, India—1 package seeds.

February.

From the Botanic Gardens, Saharanpur, India—50 packets seeds.

From Baron Ferd. Von Müeller, Government Botanist, Victoria—2 packets seed.

From Mr. Oliver, New Plymouth, New Zealand—2 packets seeds.

To Mr. G. Brunning, Melbourne—36 nymphæ plants.

To Mr. A. James, Department Mines, Sydney—Bag sphagnum moss.

March.

From the Chamber of Agriculture, Washington, United States—60 packets seeds.

From Miss Owen, Ireland—7 packets seeds.

From Mr. A. James, Sydney—13 packets seeds.

To Messrs. De Smet Frères, Ghent, Belgium—1 case pines.

April.

From Mr. A. Thompson, Dunedin—1 case ferns.

From Baron Ferd. Von Müeller, Government Botanist, &c. Victoria—2 plants; 2 packets seeds.

To Messrs. Shepherd & Co., Sydney—Case sphagnum moss.

May.

From Mr. G. Brunning, Melbourne—40 chrysanthemums.

From Mons. A. Van Geert—5 packets seeds.

From Baron Von Müeller, Government Botanist, Victoria—290 packets seeds.

From the Chamber of Agriculture, Washington, United States—75 packets seeds.

From Mr. G. Brunning, Victoria—2 cases of plants.

From Messrs. Shepherd & Co., Sydney—14 packets eucalypti.

To Dr. R. Schomburg, Botanic Gardens, Adelaide—Sphagnum moss.

To Messrs. Shepherd & Co., Sydney—Sphagnum moss.

- To Queensland Acclimatisation Society—Sphagnum moss.
- To Mr. J. Smith, Riddell's Creek, Victoria—Sphagnum moss.
- To Botanic Gardens, Queensland—Sphagnum moss
- To Mr. G. Brunning, Victoria—Sphagnum moss.
- To Messrs. Law & Somner, Melbourne—Sphagnum moss.
- To Mr. C. F. Cresswell, Melbourne—Lily bulbs.

June.

- From the Brisbane Botanic Gardens—18 varieties seeds.
- From Mr. J. Smith, Riddell's Creek, Victoria—Case of plants.
- From Messrs. Shepherd & Co., Sydney—Case of plants.
- From Mr. J. Harris, South Yarra, Victoria—Case of plants.
- From the Botanic Gardens, Saharanpur, India—Package seeds.
- From Major Jacob, Jeypore, India—Package seeds.
- From the Botanic Gardens, Calcutta—Package seeds.
- From Baron Ferd. Von Müeller, Government Botanist, Victoria—8 papers seeds.

To Mr. John Smith, Riddell's Creek, Victoria—Case plants and package of seeds.

To Mr. Joseph Harris, South Yarra, near Melbourne—Package seeds.

To Mr. G. Brunning, St. Kilda, near Melbourne—Case plants and seeds.

To Mr. S. Purchase, Parramatta, N.S.W.—Package seeds.

To Messrs. Shepherd & Co., Sydney—Package seeds.

To the Chamber of Agriculture, Washington, United States—Package of seeds.

To Messrs. Vilmorin, Andrieux, et Cie., Paris—Package seeds.

To the Royal Gardens, Kew, near London—Package seeds.

To Baron Ferd. Von Müeller, Government Botanist, Victoria—Package seeds.

To Mr. C. F. Creswell, St. Kilda, Victoria—Package seeds.

To Messrs. Heyne & Co., Adelaide—Package seeds.

To Messrs. Law, Somner, & Co., Melbourne—Package seeds.

To W. R. Guilfoyle, Esq., Director Botanic Gardens, Melbourne—Pine seeds.

To Mr. Wm. Bull, New Plant Merchant, London—Package seeds.

July.

From Mr. Joseph Harris, South Yarra—Package trees.

From Messrs. Law & Somner, Melbourne—Case of plants.

From Mr. S. Purchase, Parramatta, N.S.W.—Case of plants.

From the Botanic Gardens, Brisbane—Case of ferns.

From Messrs. Heyne & Co., Adelaide—Package seeds.

To the Botanic Gardens, Rome—Package seeds.

To Mr. J. Harris, South Yarra—Case of plants.

To Messrs. Law & Somner, Melbourne—Case of plants.

To Mr. C. F. Creswell, Melbourne—Box of plants.

August.

From Messrs. Heyne & Co., Adelaide—Package seeds.

From Baron Ferd. Von Müller, Government Botanist, Victoria—*Nymphæ gigantea*.

From the Botanic Gardens, Rome—Package seeds.

From James Grant, Esq., Queensland—Package seeds.

From Mr. J. Smith, Riddell's Creek, Victoria—Package plants.

From the Botanic Gardens, Melbourne—Case of plants and seeds.

November.

To Mr. G. Brunning, St. Kilda—Case *Chrysanthemums*.

December.

From Mrs. G. Oliver, New Plymouth, New Zealand—Package seeds.

F. ABBOTT, *Superintendent Royal Society's Gardens.*

