# REPORT

OF

# THE ROYAL SOCIETY

OF

# VAN DIEMEN'S LAND

FOR THE YEAR

1852.



## HOBART TOWN:

H. AND C. BEST, PRINTERS, "COURIER"-OFFICE, COLLINS-STREET.

1853.



# Patron:



MAJESTY

THE QUEEN.

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<sup>\*</sup> Denotes the four Members who next retire in rotation from the Council.

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AND

## HONORARY MEMBERS.

\* Denotes Members admitted since the close of 1852.

Abbott, John, Registrar-Genera Deaths, and Marriages		ths,}	Hobart Town.
Addison, Captain	•••	•••	<b>,</b> ,,
Agnew, J. W., M.D		•••	99
Ainsworth, O. D., Brigade-Major		•••	,,
Aitkin, Marcus, A.P.M		•••	Fingal.
Akers, Lieut. R. E		•••	Norfolk Island.
Allison, W. Race, M.L.C			Macquarie River
Allport, Joseph		•••	Hobart Town.
Allport, Morton		•••	**
Anstey, H. F., M.L.C		•••	Anstey Barton, Oatlands.
Anstey, George*			Hobart Town,
Archer, William, M.L.C		•••	Cheshunt.
Archer, William		•••	Brickendon.
Arnold, Thomas, Inspector of Sch	ools		Hobart Town.
Arthur, Charles, P.M			Longford.
Atkinson, John			Illaroo.

Barnard, James		•••		•••	• • •	Hobart Town.
Barry, R., Chief Justice*	;	•••	•••	•••	•••	Melbourne.
Becker, Ludwig	• • •	•••				,,
Bedford, E.S.P						
Berthon, Benjamin	•••	•••	•••	•••		Cross Marsh.
Best, Henry		•••	•••		•••	Hobart Town.
Best, Charles		•••	•••			22
Bethune, W. A				•••		Dunrobin, Hamilton
Rivoh William						Launceston

Bisdee, J., M.	L.C.	***			• • •		000	Lovely Banks,
Bisdee, John*				•••				Hutton Park
Bishop, Willian						•••	•••	Hobart Town.
Bland, R. H.*			•••		•••	•••	•••	Melbourne.
•						•••	•••	A uckland,
Bolton, Daniel	l, Lie	utC	Colon	el R	.E.	•••	•••	New Zealand.
Boot, Thomas	•••	•••			•••			Hobart Town.
	•••	•••	•••	•••				19
Boyd, Dr.*			•••	•••	•••	•••		High School.
Boyd, Rev. Da	tviu	•••	•••	•••	•••	•••	•••	{ Longford, Norfolk Plains.
Boyes, G. T. W	V. В.,	Colo	onial	Aud	itor	•••		Hobart Town.
Brewer, C. B.					•••	•••	•••	New Town.
Brown, Richard	d		•••				•••	Hobart Town.
Brown, Thoma				•••				"
Browne, Thom				•••		•••	•••	"
Brownrigg, Re				•••		•••	•••	Patterson's Plains.
Buckland, Rev				•••		•••	•••	Hobart Town.
Burgess, France					•••	•••		
Burnett, John,								"
Burnett, James						ים כו	ици	"
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Burnett, J. C.			•••				•••	Launceston.
Butler, Henry			•••			•••		Hobart Town.
Butler, Frank			•••			•••	•••	12
Butler, Richard			•••		•••	•••	•••	33
Butler, Alfred				•••	•••	•••	•••	**
Butterworth, H	Ion. C	Col. 1	W. J	., C.	В., С	dover	nor	
of Incorpora								27
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Cairnduff, Rev. Alexander	•••	Hobart Town.
Carter, William, Mayor of Hobart Town	•••	New Town.
Cartwright, H. D	•••	Canton.
Casey, C. G., A.C.S		Launceston.
Champ, W. T. N., Colonial Secretary		Hobart Town.
Chapman, T. D., M.L.C	•••	New Town.
Chapman, H. S		England.
Cheyne, Alexander, Capt		Hobart Town.
Clarke, Andrew, Lieut. R.E., M.L.C	•••	39
Clarke, Rev. W. B., M.A., F.G.S		Sydney.
Clark, Rev. George		Hobart Town.
Clarke, George Carr*		Ellenthorpe Hall.
Cleburne, Richard, M.L.C		Hobart Town.
Cohen, Rev. Morris		21
Coote, William		27
Cotton, Francis	•••	Kelvedon, Swanport.
Cotton, Major, Deputy Surveyor-General	•••	Hobart Town.
Cotton, Henry	***	,,
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Courtenay, G. H		•••	•••			Port Arthur.
Crombie, Andrew	***	***				Hobart Town.
Crooke, W., Dr						,,
Crowther, W. L., Dr						,,
Cumberland, Alfred						**
Cumberland, Charles Bro Col. 96th Regt	ownle	w, C	.B., 1	Lieut	}	
Col. 96th Regt			•••		5	,,

Dandridge, J. S				•••			Hobart Town.
D'Arch, Henry, Coll							,,
Davies, Ven. Archde	acon		•••				Longford.
Davies, G. S., A P.	м.	•••	•••				George Town.
De Little, Robert	•••	•••	•••	•••	•••	•••	Launceston.
Denison, Alfred	•••	•••	•••	•••	•••	•••	Sydney.
Despard, Colonel, C.	В.	•••	•••	•••			Hobart Town.
Dixon, James*	•••	•••		•••		•••	Skelton Castle.
Dobson, John	•••	•••		•••	•••	•••	Hobart Town.
Dobson, Thomas	•••	•••	•••	•••	•••		Hobart High School.
Douglass, Alfred	•••	•••	•••	•••	•••	•••	Victoria.
Douglas, R	•••	•••	•••	•••	•••	•••	England.
Douglass, William	•••	•••		•••		•••	Launceston.
Dry, Richard, Hon. S	Speak	er I	Legisla	itive	Cour	ncil	Quamby
Dunn, John		•••	•••	•••	•••	•••	Hobart Town.
Dunn, John, junior,				•••	•••	•••	,,
Dunn, James*	•••	•••	•••	•••	•••	•••	,,

Elliston, W. G	***		•••	•••	•••	 Hobart Town.
Emmett, Skelton						 Circular Head.
Evans, Francis		•••				 Launceston.
Ewing, Rev. T. J.						 New Town.
Ewing, Rev. R. K.	•••					 Launceston.

Fenton, Michael, M.L.C.		•••	•••		Fenton Forest.
Fereday, Rev. J					George Town.
Fitzgerald, J. F	•••	•••		•••	Hobart Town.
Fleming, Valentine, M.L.C.,	Atto	rney	-Gen	eral	_ ,,
Ffookes, Rev. S. B	•••	***	***	•••	Impression Bay.

Foster, John		•••				•••	Hobart Town.
Francis, James G Fraser, Alexander			•••		•••		**
Fraser, Alexander		•••	•••		•••		Melbourne.
Fraser, Peter, Col	onial T	reast	ırer	•••	•••		Hobart Town.
Friend, M. C., R.	N., F.R	S.S.				•••	England.
E- D- II D I	, T						(St. George's,
rry, nev. H. P.,	ע.ע.	***	•••	•••	•••	***	St. George's, Hobart Town.
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Gardner, W. A Newenham, Law	un.
Garrett, Rev. James West Tamar.	
Garrett, Robert Melbourne.	
Giblin, Thomas New Town.	
Gibson, James Circular Head	
Gill, W. H Hobart Town.	
Gleadow, J. W., M.L.C Launceston.	
Goldsmith, Captain Hobart Town.	
Gould, John, F.R.S.,* &c London.	
Grant, James Tullochgorum.	
Grant, James Launceston.	
Greenwood, Joseph, Capt. 31st Regiment, [Auckland, N	ew
Major Brigade \ Zealand.	
Gregson, T. G., M.L.C Risdon.	
Gregson, John Compton Launceston.	
Gresley, Nigel, Union Bank Hobart Town.	
Grey, Sir George, K.C.B., Governor-in-Chief New Zealand.	
Groom, Francis Harefield, Bk,-c	o'Day
Gunn, Ronald C., F.L.S Penquite.	
Gunn, William Launceston.	

Hamilton, Capt. R	L.E., I	Direc	tor P	ublic	Wor	ks*	New Town.
Hampton, J. S., C							Hobart Town.
Harrison, John			•••		•••	• • •	Hobart Town.
Harrison, Charles	•••	•••		•••			Antill Ponds.
Hathaway, Elisha,	U.S.	C	•••	•••	•••	**3	Hobart Town.
Hawkes, W. K.*	•••	•••	•••			•••	Franklin Village
Hawkins, Captain	R.E.	*	•••		•••	•••	Observatory.
Henslowe, F. H.,		***		•••		•••	Hobart Town.
Henty, Charles	•••	•••	•••	•••	•••	•••	Launceston.
Henty, William	•••	•••	•••	•••	•••	• • •	,,
Hepburn, Robert			•••		•••		{Roy's Hill, St. Paul's Plains.
Hiddleston, John		•••		•••		•••	Hobart Town.
Hæltzel, Herman,					•••		"
Hooker, Joseph D					F.R.S	.*	London.
Hone, Joseph, M.	S.C.,	Ch.	Q.S.	and	Com	٠ کے ۔	Hobart Town.
Ct. Req.			•••	•••	• • •	5	1100016 10000
Hopkins, Henry	•••	***	•••	•••	•••		,,

Horne, Thoma	ıs, Pı	isne	Jud	ge	***	***		Hobart Town.
Hort, A	•••			• • • •		•••	•••	,,
Hull, Hugh						***		
Hull, J. F.*	•••				•••	***	•••	Tolosa,"
Hurst, H. S.	•••		***	44.4	***	***	•••	Eastern Marshes.
Huxtable, J.		•••	•••	•••			•••	Hobart Town.
Huxtable, W.		•••	•••	•••	•••	•••	•••	
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Jackson, Cath	erine							Hobart Town.
					•••	***	•••	The Observatory,
Jeffery, Samue	21	***	•••	•••	***	***	***	Hobart Town.
Jervis, John	•••	•••					•••	Hobart Town.
Johnson, J. C.		•••	•••	•••		***	•••	
Johnston, John		•••	•••	***	•••			**
Jones, Algerno					r Ru	okin	ohan	, ,,
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Kay, Joseph H	ienry	y, Co	m. k	ł.N.,	F.R.	.S.	•••	{ Royal Observatory, Hobart Town.
Kay, W. Porde	en. D	irect	or-G	ener	al of	Road	10)	
and I	Publi	c W	orke	CHCI	01	Itoat	۲۵ ۲۰	England (on leave.)
Kenworthy, J.	R	•••	•••	•••				
Kermode, R. C					•••	•••	•••	Cambock.
Kilburn, D. T.				•••	•••	•••	•••	Mona Vale.
King, George,	Con		 NT 1	Dont 4	···	***	•••	Hobart Town.
King, Rev. R.	TE	ι. Δυ ΣΑ					•••	~ · · · ·
Winner T W	14., I	).A.	•••	•••	•••	•••	•••	Sydney.
Kirwan, J. W.	, A. F	.171.	•••	•••	•••	•••	•••	Huon.
Kissock, Alex.	•••	•••	•••	•••	•••	•••	•••	Hobart Town.
Knight, T. J.	•••	•••	•••	•••	•••	•••	•••	"
Last, Lieutena	nt-C	olone	199	th Re	egim	ent	•••	Hobart Town.
La Trobe, Cha	arles	Jose	eph,	His !	Exce	llenc	( V	
the Lie	utena	nt-G	over	nor c	f Vio	etoria	íŁ	Melbourne.
Leach, Roger	•••			•••	•••	•••	•••	New Town,
					***	•••	•••	f Cullenswood,
Legge, R. V.	•••	•••	•••	***	***	•••	•••	Break-'o-Day.
Lewis, Richard	l							Hobart Town.
Lewis, Charles		•••		•••	•••	•••	•••	
T . 37 11	•••		•••	•••	• • • •		•••	"
Lillie, Rev. Jol	hn T	Ü,		••••	•••	•••	•••	**
Lipscombe, Fre	dori	olz	•••	•••	***	•••	•••	C 7 . 12
Loch I D			•••	•••	•••	•••	•••	Sandy Bay.
Loch, J. D.	•••	•••	•••	•••	•••	•••	•••	Hobart Town.
Lord, Simeon	***	•••	•••	•••	•••	•••	•••	Avoca.
Lowe, John Jan		•••	•••	•••	•••		•••	New Town.
Lowes, T. Y.	•••	***	***	***	***	***		Glenorchy.

Lyon,	William	•••	•••	•••	•••	***	***	•••	{ Wellington, New Zealand.
Lyne,	John	•••	•••	•••	•••		•••	***	Apsley, Swanport.
MacA	rthur, Ja	mes*		•••				•••	Calstock.
MacC	arthy			•••		•••	•••	•••	Hobart Town.
Macdo	arthy well, Ed	ward		•••	•••	•••	•••	•••	"
Macka	y, Jame	s Du	ff, C	aptai	n	•••		•••	97 97
Macla	nachan,	Jame	es	•••	•••			•••	Ballochmyle.
Macle	an, Geor	ge, C	.G.	•••	•••	•••	•••	***	London.
	nnon, J.		G. M	I.	•••	•••	•••		Selma.
Makei	g, G. A.	•••	•••	•••	•••	•••	•••	•••	Hobart Town.
	erson, Du			•••	•••	•••	•••	•••	Sandy Bay.
M'Na	ughtan, A	Alexa	ınder		***	•••	•••	•••	Hobart Town.
Manle	y, E. J.	•••	•••	•••	•••	•••	•••	•••	~ "
Mann	, Gother	•••	•••	•••	•••	•••	***	***	Sydney.
Mante	el, Walte	r	•••	•••	•••	•••	•••		§ Wellington,
M	att Van	A 4101	doo						New Zealand.
Marri	ott, Ven. Iall, Frai	Arcı		соц	***	•••	•••	•••	England.
	all, John		•••	•••	•••	•••	•••	•••	Hobart Town. New Town.
	on, Georg		•••	•••	•••	•••	•••	•••	Hobart Town.
Mayor	, J., M.	U Ye			•••			•••	New Norfolk.
Millio	an, Jose	nh I	7 T. S	***	•••	***	•••	•••	Hobart Town.
	an, A. M		•••	•	•••	•••	•••	•••	Launceston.
	ell, J., I					•••	•••	•••	Sydney.
	e, Dr.			•••			•••	•••	New Norfolk.
	, Thoma		•••	•••	•••	•••	•••	•••	11000 1101/30000
	son, Ask		•••	•••	•••	***	•••	•••	Hobart "Town.
	, Samue				••	•••	•••	•••	,,
	Phineas		•••		•••	•••	•••	•••	"
Mowb	ray, And	rew	•••	•••	•••				Circular Head.
	• •								
Novem	nan, F. V	v							{ Royal Society's Gardens.
Menn	ian, r. v	٧.	•••	•••	•••	•••	***	•••	Gardens.
Nicho	l, Rober	t	•••		•••	•••	•••	•••	Hobart Town.
Nixor	, Right Tasm	Rev	.Dr	., I	ord	Bish	op o	of L	Bishopstowe.
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Nutt,	R. W., I	M.L.	C.	•••	•••	•••	***	•••	New Town.
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Ugily	ie, David	ı	***	***	•••	***	***	***	Richmond.

C TITE 11:

Parramore, W. T.							Richmond.
Pedder, Sir J. L., K	.nt.,	Chie	Jus	tice			Newlands.
Peet, John, Professo	or G	rant's	Col	ege*			Bombay.
Perkins, John		•••	•••	•••	•••	•••	Hobart Town.
Perry, Arthur	•••	•••	•••	•••			Secheron.
Pollard, Lieut. R.N		•••	•••	•••			H.M.S. Bramble.
Power, Robert, Sur	veyo	r-Gen	eral	•••	•••	•••	Sandy Bay.
Price, John*	•••	•••	•••	•••	•••	•••	Hobart Town.
Price, Rev. Charles	•••	•••	•••	•••	•••	•••	Launceston.
Procter, William	•••	•••	•••	•••	•••	•••	Brown's River Road.
Propsting, R	•••	•••	•••	•••	•••	•••	Hobart Town.
Pugh, W. R., M.D.	•••	•••	•••	•••	• • •	***	Launceston.

Read, G. F	•••	•••			•••		New Town.
Reibey, Rev. Thom	as		•••				England.
Richardson, William	m, C	.S.	•••	•••	•••		Sydney.
Roberts, John	•••		•••	•••	•••		Hobart Town.
Robertson, William							,,,
Robinson, G. A.							
Rogers, Richard, O	rdnai	nce à	store.	keep	er	•••	Hobart Town.
Rolwegan, George	•••	•••	•••	•••	•••	•••	,,,
Roope, Lavington	•••	•••	•••	•••	•••	•••	New Town.
Rout, William		• • •	•••		• • •		Hobart Town.

Saunders, W. W., F.L.S., &c	London.
Salier, George	{ Liverpool-street, Hobart Town.
Scott, James	Launceston.
Seccombe, William, C.S	Tasm. Peninsula.
Shanks, Archibald, M.D., Dep. InspGen., &c. Sharland, W. S., M.L.C	Hobart Town. New Norfolk.
Sinclair, Andrew, M.D., Colonial Secretary	New Zealand.
Smart, Thomas, A.C.S	Hobart Town.
Smith, Alexander, Lieut. R.N Smith, Arthur*	Victoria. Ross.
Smith, C. T	Hobart Town.
Smith, Francis, jun., M.L.C., Solicitor-General	,,
Smith, Mayo	Syndal, Ross.
Sorell, William, Registrar Supreme Court	Hobart Town.
Sprent, James	Port Arthur.

Stevenson, John, ju	n.	•••	•••		•••	•••	Hobart Town.
Stewart, A. T.,	•••	•••	•••	• • •	•••	•••	Port Arthur.
Stewart, Alexander	•••	•••	•••	•••	•••		Launceston.
Stewart, Robert Pri	ngle,	A.P	.M.*				George Town.
Stewart, W. R Stieglitz, Francis	•••	•••	•••	•••	•••	•••	Hobart Town.
Stieglitz, Francis	•••	•••	•••	•••		•••	St. Paul's.
Stieglitz, F. L. Von		•••	•••	•••	•••	•••	Killymoon.
Swainson, Wm., F.1	R.S.,	F.L.	s.	•••	•••	•••	The Hutt,
Swan, John Swan, John, jun. Sutton, Daniel							
Swan, John, jun.	•••	•••	•••			•••	,,
Sutton, Daniel	•••	•••	•••	•••	•••	•••	Hobart Town.

Talbot, Hon. R. G. Tonkin, Henry Tooth, Edwin Tribe, F. C						•••	Hobart Town. Sydney.
Truro, Richard							22
Turnbull, Dr., Cha	irma	n of (	Cave	at B	oard	•••	"
Turnbull, George				•••	•••	• • • •	**
Turnbull, James							
Tylee, Capt. R.E.							Hong Kong.

W I W D D							77 7 . 77
Wade, W. R., Rev		••	•••	***	***	***	Hobart Town.
Walch, James				•••	•••	•••	,,
Walker, J. C			•••		•••	•••	Derwent Park.
Walker, Lieut. R.N				•••	•••		Launceston.
Walker, G. W			•••			•••	Hobart Town.
Walker, John			•••	•••		•••	,,
Walker, Robert		•••	•••	•••	•••	•••	,,
Watchorn, William .		••• 3	F	•••	•••	•••	,,
Watson, George		•••	***	•••	•••	•••	19
Watson, John							Battery Point.
Wheeler, James Arnol	ld .						England.
Whitcomb, George		••					Hobart Town.
Whyte, Pringle*						•••	Glendhu.
Willson, Right Rev. I							England.
Wilmot, C. Eardley, A			•••	•••	***	***	Hobart Town.
							Newcastle,
Wilton, Chas. Pleyde	II N	., н	ev.,	M.A.	***	***	New South Wales.
Windsor, Rev. S. B.			•••				Bishopsbourne.
Wood, R. C.*		•••	***				Singapore.
Wright, Rev. George							Hamilton.
Wilgin, Liev. George	•	••	•••	•••	•••	***	22 (0),000,00100

Young, Thomas	•••	***	***	•••	•••	***	Hobart Town.
Young, John	•••	•••	***	•••	***	• • •	>>

# Obituary.

The Society has been deprived by Death of the following Members during the Year.

Peter Degraves, Esq., a Member of the Society since 1845, arrived in Van Diemen's Land in 1824, and died, after a short illness, on the 31st December last, at an advanced age. Mr. Degraves gave, in early life, a good deal of attention to the study of chemistry, and he was an able practical engineer; his factory in Manchester was lighted up with coal gas two or three years before its introduction into London. Soon after his arrival in 1824, Mr. Degraves settled at the Cascades, where he constructed his sawmills, and in 1834 added a flour-mill, both worked by hydraulic engines, for which steam was substituted in 1849. In 1845 Mr. Degraves became also a ship-builder, and sent afloat from his yards here the following vessels, all built of the Blue Gum of Tasmania:-

Tasman565 Tons.	Emu400	Tons.
Derwent408 ,,	Lady Emma 250	,,
Jenny Lind137 ,,	Melbourne 149	) ,,
Yarra139 ,,	Portland 97	7 ,,
and the steamer	Bendigo 74	Į ,,

besides other vessels of lower tonnage. Men who add to ability great practical skill, and to a spirit of enterprise, active industrious habits and a sound judgment, will generally prove, as Mr. Degraves has done, successful men of business, and, under any circumstances, most valuable members of a new community.

Gamaliel Butler, Esq., several years a Member of this Society, after having partially recovered from an attack of paralysis, was rather suddenly

carried off on the 1st February, 1852.

CHARLES SEAL, Esc., an extensive ship-owner of the Port of Hobart Town, died on the 9th November, 1852. Mr. Seal had only recently Mr. Seal had only recently

been elected into the Society.

MAJOR JAMES WILLIAM HENRY WALCH, served twenty-six years in H.M. 80th Regt., and nineteen years in H.M. 54th Regt., passed twentyeight years in India, served the campaign in Travancore in 1809, and that in Ava in 1824 and 1825; died here, after a tedious illness, on the 24th March, 1852. Major Walch was some years a Member of this Society and a contributor to its Museum.

WILLIAM KERMODE, Esq., late a Member of the Legislature of Tasmania, a Member of this Society from its commencement, an enterprising Colonist, and a distinguished Member and warm supporter of the Midland Agricultural Association, died at an advanced period of life, at his residence, Mona

Vale, on the 3rd of August, 1852.

T. J. LEMPRIERE, Esq., A.C.G., long resident in this colony, was ordered home in 1850, and afterwards stationed at Hong Kong, which he was obliged to leave from sickness, and died, on his passage to England, at Aden, 6th January, 1852. Mr. Lempriere is well known for the numerous contributions which he made to the Ichthyology of Tasmanian Seas in the shape of Specimens sent to Sir John Richardson, M.D., F.R.S., &c., and described by him in the "Linnæan Transactions," "Tasmanian Journal," "Proceedings of the Zool. Society of London," &c.

At the Annual General Meeting of the Royal Society of Van Diemen's Land, held in the Society's Museum, on Thursday, 27th January, 1853, ROBERT OFFICER, Esq., one of the Vice-Presidents, in the Chair.

A Ballot having taken place for four Members of Council in room of four who retire, in conformity with Rule XXXII., the following Gentlemen were re-elected:—Andrew Clarke, Esq., Robert Officer, Esq., Peter Fraser, Esq.; and Archibald Shanks, M.D., Inspector-General, &c. &c., was elected in place of John Abbott, Esq., who had resigned.

The Annual Report of the Council was produced and read by the Secretary, and a balance-sheet showing the receipts and expenditure for the year was laid on the table.

Moved by Mr. Clarke, seconded by Mr. Fraser, supported by Mr. Hone, and carried—

"That there shall be added to the Report—

- 1. The total number of Members in the Society for 1852.
- 2. The number of Honorary and Corresponding Members.
- 3. The number of Members who have paid their Subscriptions for 1852.
- 4. The number of Members who have not paid for 1852.
- 5. Number of Members whose names are still on the list who, it may appear, have not duly paid up their Subscriptions."

Moved by Dr. Huxtable, seconded by the Reverend Mr. Cohen, and carried—

"That the Report as amended be received, adopted, and printed for circulation amongst Members."

The Chairman having left his place, a vote of thanks to him was proposed and carried, and the Members separated.

# REPORT.

THE commencement of another year calls upon the Council of the Royal Society of Van Diemen's Land again to submit to its Members a Report of the principal events which have influenced its operations during the season, and of its general progress and prospects.

The Monthly Meetings held on the evenings of the second Wednesday of each month have been regularly maintained and generally well attended. Several interesting and valuable Papers have been produced, and isolated but important facts discussed and brought together for record, which would otherwise have escaped observation, or at best commanded an ephemeral notice.

The number of Members has increased from 275 to about 300, including Honorary and Corresponding Members, and the names of new candidates for Membership continue to be presented from month to month,-a fact sufficiently indicative of the extent to which the exertions of the Society and its success are appreciated.\* A list of the names of Members will, as usual, be attached to the Report.

<sup>\*</sup> The total number of Members, exclusive of deaths during the year ending 31st December, 1852, was 298; since that period 20 new Members have been elected, and 20 names of Members who had become hopeless defaulters in respect of their subscriptions, either from their having left the Colony or from some other cause, have been omitted from the List.

The number of Corresponding Members is eleven.

Then umber of Honorary Members is three.

There is one Life Member.

The number of Members who paid their Subscriptions for 1852 is two handesd and six

hundred and six.

The number of Members who did not pay their Subscriptions for 1852 is

fifty-seven.

There is, therefore, still on the List 40 names of Members "who have not duly paid up their Subscriptions," allowance being made for 14 Honorary and Corresponding Members, for 1 Life Member, and for 17 other Members residing abroad, whose names have been continued.

There is now in the press, and in a state of great forwardness, another number of the "Papers and Proceedings" of the Society, in which articles on subjects of the highest interest to these Colonies will be found.

The printing and publication of the Catalogue of Plants cultivated in the Society's Gardens, and which it is proposed shall form a complete record of the Foreign Plants which may have been introduced into Tasmania up to the date of publication, has been found impracticable during the last year, but the manuscript is ready for the press, and no time will be lost in having it printed and circulated.

It is gratifying to the Council to have it in their power to state that the number of Visitors to the Gardens has increased during the last year as compared with 1851. The number recorded for 1851 being 8932, while for 1852 the number entered is 9252.

This is a most satisfactory proof that the Society's Gardens are thoroughly established in the estimation of the inhabitants as an agreeable and healthful promenade. A considerable addition is now being made to the area of the Gardens by throwing in the strip of forest land on the slope above, comprised between the old and new carriage roads: this will eventually prove highly advantageous, as it will enable the Council, when labour becomes more abundant, and means commensurate with the object are at the disposal of the Council, materially to extend and improve upon the system of classification and arrangement of the Plants.

It is still due to Mr. Newman, the Superintendent at the Gardens, to say that, great as is the natural beauty of the grounds and situation occupied by the Gardens, its attractiveness is vastly enhanced by the extreme neatness and order everywhere prevalent within.

The Reservoir, which was constructed at great expence some years since, is now found fully to answer the purposes intended. The Pine Plots in its vicinity, which add so much to its picturesque effect, have had some rare and valuable additions made to them in the course of the year.

Cases of Plants have been introduced from England, Cape of Good Hope, Bourbon, China, Sydney, and New Zealand, &c. &c., and others despatched in exchange. Lists will be appended as usual, showing the names of contributors and recipients of Plants.

The Council have again to express their thanks to Colonel Despard for kindly affording the services of the able Band of the 99th Regiment at the Gardens on Thursday afternoons during the summer.

The removal of the Society's Museum and Library, and of the Meetings of the Members from the rooms now forming part of the suite occupied by the Legislative Council, and which had heretofore been afforded rent-free for the purposes of the Society to the Hall in Harrington-street, now held by the Members of the Council in trust for the Society under a lease of five years, has thrown upon its funds a heavy annual charge. The rent is £60 a-year, besides insurance and other costs, from which the occupation of a public building formerly exempted the Institution; and it is feared that the effect will be materially to hamper the Society's operations and impair its usefulness, unless, by accession of Members or more liberal support from public funds, an equivalent is provided for the disadvantage thus sustained.

The accommodation which has been secured cannot long, however, prove adequate to the requirements of a Public Museum, and the Council deem it to be their duty earnestly and at once to invite the attention of Members, and of such

persons in the community as recognize in these Institutions a powerful means of educational improvement, to the necessity which must shortly arise for a building exclusively and permanently devoted to the purpose, and susceptible of expansion and improvement with the growing wants of an intelligent, energetic, and rapidly increasing population.

The Council consider that the first step should be to apply to the Crown for a grant of a suitable piece of land as a site, upon which, as a basis, then to proceed in raising, by public subscription or otherwise, a sum of money adequate to the speedy erection of so much of the plan of an extended edifice as the immediate and not very remote exigencies of the case may demand.

Arrangements made in 1851 with the Royal Exchange Association, in order to have accommodation provided for the Museum and Meetings of the Society in the buildings proposed to have been erected by them, were alluded to in the last Annual Report as not likely to be realized, and it was recommended that some other plan should be devised for meeting the emergency. The plan which has been adopted, that of renting a Hall, while it scarcely answers well the present purpose, possesses no character of permanency, and is neither suitable to the wants of the community, nor becoming the ample means with which Providence has blessed this fair country.

The Museum is now open on Mondays, Tuesdays, Fridays, and on Saturdays from 3 to 5 o'clock during summer, and from 2 to 4 o'clock during the four winter months of May, June, July and August; and so soon as ever the funds of the Society will permit of the employment of a regular Curator, the Council will feel a pleasure in having the doors freely thrown open to the public. In the meantime, every facility will be afforded to

strangers and others particularly desirous of visiting the Museum on other days, upon their application to the Secretary.

The Council deeply regret having to record the deaths of several of the oldest and most respected Members of this Society in the course of the year. The names will, as usual, be inserted in the Obituary annexed to the Report.

With respect to the Finances, the total receipts for the year have been £789 1s. 7d., and there is a balance, after deducting all payments down to 31st December, of £20 2s. 1d.

The Liabilities at the close of the year would not much exceed £125; and there was then, besides the balance of £20 2s. 1d. in the hands of the Treasurer and Secretary, a sum of £125 due at the Colonial Treasury.

A considerable amount of arrears of subscriptions has been realized during the last year, as shown in the schedule of Receipts and Expenditure.

Considering the extraordinary character of the times and the all-absorbing nature of the excitement which has pervaded and unsettled all classes of the inhabitants in these Colonies for the last eighteen months, the Council see reason for congratulating the Members at large on the position which the Society has been enabled to maintain, and the steady progress which has marked its course in the face of every disadvantage.

In conclusion, the Members of Council, while they acknowledge most fully the liberality with which the Institution has been supported both from public funds and private sources, do here again most earnestly solicit the hearty support and co-operation of all who can appreciate and who seek to foster intellectual improvement, moral elevation, and social harmony, and of all who desire the progress of liberal institutions, and the advancement of our adopted land to honour and distinction amongst nations.

# STATEMENT OF THE FUNDS OF THE ROYAL SOCIETY OF VAN DIEMEN'S LAND

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1852.
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Disbursements,	Expended at the Society's Gardens for Labour, Implements, &c. from 1st January to 31st Docember, 1859	Paid Salary to the Superintendent at the Gardens . 120 0 0 386 12 3 Expended on account of the Mystown.	and week the certain hours.  "to Doorkeeper and Messenger, and for Lights,  to Committee I alocations are alocatings.  "To Committee I alocations are alocations."	Car aid in moving the contents of Museum to Harringon-Street	the Museum £5 3s. 3d	30s. Allowance to the Secretary 10 10 0 192 1 10 10 10 10 10 10 10 10 10 10 10 10 1	, Printing Lithographing, and Advertising, &c. 76 11 0 90 5 5 Cash in hands of the Secretary. 2 11 0 Cash Balance with Treasurer, in Commercial Bank . 17 11 1 20 2 1	JOSEPH MILLIGAN, Secretary.
grecetyts,	3 6	- 70	" Produce of Fruit sold from the Gardens 1852 28 13 2 " Admission Fees at the Gate on reserved days 1 7 0 30 0 2 Government Grantfor maintenance of Botanic Garden,	Sec	for 1852 £6 9s. Paid into the Bank by the Secretary, having been received for conies of " Paners and Proceedings,"	12s., and received in excess of Subscription 1s 0 13 0 228 8 0		TOTAL £789 1 7

# BOOKS PRESENTED, AND NAMES OF CONTRIBUTORS FOR 1852.

Magnetical and Meteorological Observations at Toronto in 1840–1–2 From the British Government, through His Excellency Sir W. T. Denison.

Report of the Geological Survey of India. From the Government of India.

Journal of the Agricultural and Horticultural Society of India, Part II. vol. 7. From the Society at Calcutta.

Notice of the *Dinornis* and other birds, rock-specimens, &c., collected in New Zealand. Walter Mantel, Esq.

List of the Ferns cultivated at Kew Gardens, by J. Smith, Curator, &c. R. C. Gunn, Esq.

Anniversary Meeting of Antiquaries at Copenhagen in 1850 and 1851. H. Hull, Esq.

Journal of the Royal Geographical Society of London. Royal Geographical Society, London, through the Secretary for the Colonies.

Report, List of Members, and one vol. Proceedings of the Royal Institution of Great Britain. Royal Institution of Great Britain.

London Catalogue of Books, published in Great Britain from 1814 to 1846.

Messrs. Orger and Meryon, London.

Report on the Judicial Establishments of New South Wales and Van Diemen's Land, by Commissioner Bigge; printed by order of the House of Commons, 1823. James Grant, Esq., Tullochgorum.

Rules of the New Zealand Society. From the Society.

Proceedings of Linnæan Society of London, sheets, in continuation to January 1851. Linnæan Society of London.

Journal of the Indian Archipelago and Eastern Asia. From the Hon. Col. Butterworth.

Icones Avium of Gould, Parts I. & II. Rev. T. J. Ewing.

Bent's "Tasmanian Almanae" for 1827. Mr. Westcott.

Treatise on the Aneroid Barometer, by Ed. J. Dent. His Excellency Sir W. T. Denison.

Magnetical and Meteorological Observations at the Cape of Good Hope; Magnetical and Meteorological Observations at Hobart Town, Van Diemen's Land. By order of His Excellency Sir W. T. Denison, sent out by the British Government.

Southey on Wool. From the Author, through H. Hopkins, Esq.

Treatise on Primary Geology, by H. S. Boase. From H. B. Tonkin, Esq. Fourth Vol. Transactions of Geological Society of Cornwall. Ditto.

Treatise on some new species of *Erycina*, with coloured plates. From the author, W. W. Saunders, Esq.

Description of the Chrysomelidæ of Australia, Parts I. & II., with coloured plates. Ditto.

On Insects injurious to the Cotton Plant. Ditto.

On the Genus Pleomorpha. Ditto.

On Australian Longicon Beetles, with coloured plates. Ditto.

Insecta Saundersiana, by Francis Walker, F.L.S. Ditto.

Grammar of the New Zealand Language, by the Rev. R. Maunsell. From A. Hort, Esq.

Catalogue of Books in the Library of the Royal Geographical Society of London. Roy. Geog. Socy., through His Excellency Sir W. T. Denison.

Gold Digger's Magazine, No. 2. Mr. J. Bonwick.

Parliamentary Gazetteer, in 13 parts. Dr. Moore, of New Norfolk.

Palms of British India, 1 vol. 4to. Icones Plantarum Asiaticarum, 1 vol. large 8vo. Notulæ ad Plantas Asiaticas, from Posthumous Papers of William Griffiths, F.L.S., bequeathed to the Hon. East India Company. Government of India, through His Excellency Sir W. T. Denison.

Treatise on the Cultivation and Preparation of Flax. Mr. Rodd, of Hobart Town.

Pamphlet on Bone Dust as a Manure. Mr. G. Winter.

Widowson's Present State (1829) of Van Diemen's Land. Mr. M. Allport. Statistical Chart of the Great Exhibition of 1851. Mr. Thomas Boot.

Report to Congress on the Commerce and Navigation of the United States for 1851, by the Secretary of the Treasury. From A. H. Palmer, Esq., of Washington, United States.

Report of the Commissioners of Patents to the House of Representatives, 1849. Ditto.

"Patent Laws," and "Information to Persons having Business to transact at the Patent Office of the United States." Ditto.

Report of the Commissioners of Indian Affairs, transmitted with the Message of the President to the First Session of Congress, 1851. Ditto.

Abstract of the "Seventh Census" of the United States, 1850. Ditto.

Memorial, by Alfred Guthrie, on the Causes of the Explosion of Steam Boilers. Ordered to be printed 6th February, 1852. Ditto.

Report by the Secretary of the Navy to the President of the United States, 1851. Ditto.

Report on Liberia, presented to the Senate of the United States by Daniel Webster, 14th September, 1850. Ditto.

Sketches of Liberia, by J. W. Lugenbeel. Ditto.

Annual Report (35th) of the American Colonization Society. Ditto.

The Coast Survey of the United States, 1851. Ditto.

#### LIST OF BOOKS PURCHASED DURING 1852.

Gould's Birds of Europe, folio, 5 vols. Gould's Humming Birds, folio. Part I.

Horticultural Magazine. Paxton's Flower Garden.

Journal of Agriculture and Transactions of the Highland and Agricultural Society of Scotland.

Annals of Natural History. Hooker's Journal of Botany.

Beck's Florist.

Edinburgh New Philosophical Journal.

Quarterly Journal of the Geological Society of London.

United States Exploring Expedition. Wilkes. 1 vol., large 8vo.

Report of British Association, 1850. Pickering's Races of Men, 1 vol.

Supplement to Penny Cyclopædia, 2 vols. Lindley's Introduction to Botany, 2 vols., 8vo. Victoria Regia, plates, imp. folio.

Grant's Outlines of Comparative Anatomy.

Brewster on Magnetism. Dennis's Silk Manual.

Franklin Expedition, by Scoresby. Conchologia Iconica. Reeves. Parts 1 to 108.

Hooker's "Rhododendrons of the Himalaya." Parts 1 & 2. Hooker's Flora of New Zealand. Part 1.

#### CONTRIBUTORS TO THE MUSEUM DURING 1852.

Abbott, John. Addison, S., Capt. Aitkin, Marcus, A.P.M. Allport, Mrs. Allport, Morton.
Anstey, H. F., M.L.C.
Archer, Wm., M.L.C.
Becker, Ludwig, M.D. Berthon, Benjamin. Browne, Thomas. Burnett, J. L. Burnett, J. L.
Butterworth, C. B., Hon. Colonel.
Cartwright, Henry Durance.
Champ, W. T. N.
Cotton, Major.
Cotton, Henry.
Crowther, W. L.
Denison, His Excellency Sir W. T. Dixon, Capt. Eardley-Wilmot, Chester. Fraser, Peter. Gardiner, Arthur. Glover, John, junr., Sorell. Goldsmith, Captain. Gresley, Edward. Groom, Francis. Hawkes, W. K.

Hone, Joseph. Hull, George. Hull, Hugh. Johnson, John.
Jones, A. B.
Kenworthy, Dr.
Lillie, Rev. Dr.
Loch, J. D. Maclaine, H. MacNaughtan, A. Milligan, Joseph. Moore, Wm. Moses, Samuel. Moses, Alfred. Newman, F. W. Officer, Robert. Propsting, Richard. Robertson, Rev. J. Rolwegan, George. Stieglitz, Francis. Storey, G. Walker, G. W. Westcott, W. Wheeler, J. A., A.P.M. Young, Wm. Portland. Young, J. M.

## LIST OF CONTRIBUTIONS TO THE ROYAL SOCIETY'S GARDENS DURING 1852.

January-1 case, 29 plants, per "Rattler," presented by Captain Goldsmith.

- 1 case, 32 plants, per "Emma," from Botanic Gardens, Sydney.
- 1 case, 31 plants, per "Rattler," from London, presented by the 27 Venerable Archdeacon Davies.

February-1 case, 16 plants, per "Emma," from Camden, Sydney.

April-1 case, 300 plants, pines, from Norfolk Island.

- June-2 cases, 40 plants, from China, presented by A. MacNaughtan, Esq.
  - 1 box of seeds, 120 species, from Cape of Good Hope, presented by Alexander MacNaughtan, Esq.
    - 1 case, 50 varieties bulbs, from Cape of Good Hope, presented by His Excellency Sir W. T. Denison.
    - 1 case, 400 pines, from Norfolk Island. 22
  - 1 case, 34 species bulbs, from Cape of Good Hope, presented by His Excellency Sir W. T. Denison.
- July-1 case, 50 plants from New Zealand, presented by H. S. Chapman, Esq. November-1 case, 40 plants, from Knight and Perry, Chelsea.
- December-1 case, 40 plants, per "Desilles," from Bourbon, forwarded from the Botanic Gardens there.

#### DISTRIBUTION OF PLANTS, SEEDS, &c., FROM THE SOCIETY'S GARDENS TO PERSONS AND PLACES ABROAD DURING 1852.

- January-1 case, 51 plants, per "Tasman," to Knight and Perry, Chelsea. 1 case, 41 Araucarias, to Messrs. Lane, London.
  - 1 case, 72 Araucarias, per "Wellington," to Messrs. Lee,
  - Hammersmith.
  - 1 case, 51 Araucarias, per "Wellington," to Messrs. Lee, of Hammersmith.
  - 1 case, 42 Araucarias, per "Rattler," to Lucombe and Price, Exeter.
- February-2 cases, 600 strawberry plants, to Norfolk Island.
  - 1 case, 28 plants, per "Rattler," to London, in exchange with ,, Captain Goldsmith.
- June-1 case, 29 plants, per "Middleton," to S. Kennard, Esq., London.
  - 1 case, 43 Araucarias, per "Middleton," to Messrs. Lee, Hammersmith.
  - 1 case, 29 plants, per "Middleton," to William Jackson, Esq., London.
  - 1 case, 400 Araucarias, per "Aurora," to Botanic Gardens, Sydney.

# RECIPIENTS IN VAN DIEMEN'S LAND OF PLANTS, SEEDS, &c., FROM THE SOCIETY'S GARDENS FOR 1852.

Abbott, John	_	_	-	-	-	-	-	Hobart Town,	scions.
Addison, Captain			-	-	-	-	-	23	"
Boyd, James	-	-	-	-	-	-	-	"	"
Burgess, Francis	-	-	-	-	-	-	-	"	"
Butler, Dr. H.	-	-	-	-	-	-	**	27	"
Butler, Francis	-	-	-	-	-	-	•	**	27
Denison, His Ex	celler	icy Si	ir W.	T.	-	-	-	"	"
Ewing, Rev. T.	J.	-	-	-	-	-	-	New Town, pla	nts, &c
Fleming, Mrs.	-	-	-	-	-	-	-	Hobart Town	17
Fookes, Rev. S.	В.	-		-	-	-	-	Impression Ba	У "
Hampton, J. S.	-	<b></b>	-	-	-		-	Hobart Town	22
Hopkins, Henry	_	-	70		-	-	••	,,	27
Hull, Hugh	-	-		-	-	-	- '	- 11	"
Jeffrey, Samuel	_	-	-	-		-	-	Observatory	11
Jervis, J. C.	-	-	-	-	-	-	-	High School	17
Johnson, J.	-	-	-	-	-	-	-	Hobart Town	22
Kay, W. P.		-		-	-	-	-	New Town	22
Lillie, Rev. Dr.	_	_		-	-	-	-	Hobart Town	, ,,
Marshall, J.	-	-	-	-	-	-	-	77	scions.
M'Naughtan, Ale	xand	er	_	-	-		-	"	plants.
Milligan, J.	_	-	-	-		-	-		27
Nicolson, Rev.	-	-	-	-	-	-	-	Free Church	17
Nichols, W.		-		-	-	-	^*	Hobart Town	"
Nutt, R. W., M.I	L.C.	-	-	-	-	-	-	"	*;
Officer, Robert	m	-	-		-	-	14	22	23
Perry, Arthur	-	-	<b>CO</b>	-	-	6,1	•	)) T T (.11.	;;
Turnbull, James	-	~	-	-		-	-	New Norfolk,	
Young, J		-	••	-		-	-	Hobart Town,	piants.



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