

Appendix.

HONORARY MEMBERS

OF THE

N E W Z E A L A N D I N S T I T U T E.

1870.

Drury, Captain Byron, R.N.	Hooker, Joseph D., C.B., M.D., P.R.S.
Finsch, Otto, Ph.D. of Bremen	Mueller, Ferdinand von, C.M.G.,
Flower, W. H., F.R.S., F.R.C.S.	M.D., F.R.S.
Hochstetter, Dr Ferdinand von	Owen, Richard, D.C.L., F.R.S.
Richards, Rr.-Adml. G.H., C.B., F.R.S.	

1871.

Darwin, Charles, M.A., F.R.S.	Gray, J. E., Ph.D., F.R.S.
	Lindsay, W. Lauder, M.D., F.R.S.E.

1872.

Grey, Sir George, K.C.B., D.C.L.	Huxley, Thomas H., LL.D., F.R.S.
	Stokes, Vice-Admiral J. L.

1873.

Bowen, Sir George Ferguson, G.C.M.G.	Günther, A., M.D., M.A., Ph.D., F.R.S.
Cambridge, The Rev. O. Pickard, M.A., C.M.Z.S.	Lyell, Sir Charles, Bart., D.C.L., F.R.S.

ORDINARY MEMBERS.

1873.

WELLINGTON PHILOSOPHICAL SOCIETY.

Allan, A. S.	Braithwaite, A., Hutt
Allan, J. A.	Brandon, A. de B., junior
Allen, F.	Brandon, H. E.
Allen, W.	Brogden, James
Andrew, Rev. J. C., Wairarapa	Buchanan, John
Baird, J. D., C.E.	Buchanan, T.
Baker, Arthur	Bull, James, Rangitikei
Bannatyne, W. M.	Buller, J. W., Wanganui
Barleyman, John, Blenheim	Buller, W. L., D.Sc., F.L.S., F.G.S., ditto
Barron, C. C. N.	Calders, Hugh, ditto
Batkin, C. T.	Carruthers, John, C.E.
Beetham, W., Hutt	Clarkson, J.
Bell, C. N., C.E.	Colenso, W., F.L.S., Napier
Best, W.	Collins, R., Wairarapa
Betts, F. M., Wanganui	Cowie, G., Melbourne
Bidwill, C. R., Wairarapa	Crawford, J. C., F.G.S.
Blackett, J., C.E.	Davies, George H.
Blundell, H., senior	Davis, James
Blundell, Henry, Treasury	Dobson, A., C.E.
Bothamley, A. T.	Dransfield, J.
Bowden, T., B.A.	Duigan, J., Wanganui
Bradshaw, J. B., M.H.R., Dunedin	

List of Members.

ci

- Edwards, Major, Wanganui
Edwin, Commander, R.N.
Featherston, I. E., M.D., London
Ferard, B. A., Napier
France, Charles, M.R.C.S.E.
Fraser, The Hon. Capt., F.R.G.S.,
 Dunedin
George, J. R.
Gillon, E. T.
Gore, R. B.
Gould, George, Christchurch
Grace, The Hon. M. S., M.D.
Graham, C. C.
Hall, George
Hamilton, W. S.
Hardy, C. J., B.A.
Harrison, C. J.
Hart, The Hon. Robert
Heaps, Wilson
Hector, James, M.D., F.R.S.
Hodge, Matthew Vere, Wanganui
Holdsworth, J. G.
Holmes, R. L., F.M.S., Fiji
Hood, T. Cockburn, F.G.S., Waikato
Hulke, Charles, Wanganui
Hurley, J.
Hutton, Captain F. W., F.G.S.,
 C.M.Z.S.
Inwood, D.
Jackson, H., F.R.G.S., Hutt
Jebson, John, Canterbury
Johnson, The Hon. G. Randal, Napier
Johnston, The Hon. John
Jones, W. Haskayne, Auckland
Kebbell, J.
Knight, Charles, F.R.C.S.
Knight, C. G.
Knowles, J.
Krull, F. A.
Levin, W. H.
Levy, Lipman
Lewis, Thomas
Locke, Samuel, Napier
Logan, H. F.
Lomax, H. A., Wanganui
Lowe, E. W.
Ludlam, A., Hutt
Lyon, W., F.G.S.
McKenzie, Thomas
McTavish, A.
Mantell, The Hon. W. B. D., F.G.S.
Marchant, J. W. A.
Marchant, N.
Marten, Chas. Rous, F.R.G.S., F.M.S.
Martin, J.
Mason, Thomas, Hutt
Mills, E. W.
Monteith, J.
Moore, George
Moorhouse, W. S.
Mouton, W.
Nairn, C. J., Hawke Bay
Nancarrow, J.
Nation, George Michell
Nelson, F., Napier
Nicholas, H. E.
Nichol, Charles
Ollivier, F. M.
Park, R. G.
Parsons, W. F.
Pearce, E., M.H.R.
Pharazyn, C., Wairarapa
Pharazyn, The Hon. C. J.
Pharazyn, R., F.R.G.S., Wanganui
Plimmer, Isaac
Potts, T. H., F.L.S., Lyttelton
Powles, C. P.
Prendergast, J.
Purnell, Charles W., Wanganui
Quick, W. H.
Reid, W. S.
Rhodes, The Hon. W. B.
Richardson, C. S.
Richmond, The Hon. J. C., Nelson
Samuels, W. R. G., M.R.C.S.E.,
 Wanganui
Seymour, His Honour A. P., Super-
 intendent of Marlborough
Skey, W.
Smith, Benjamin
Smith, Charles, Wanganui
Stewart, J. T., Manawatu
Thomas, George
Toxward, C. J.
Travers, H. H.
Travers, W. T. L., F.L.S.
Tuckey, H. E., B.A.
Warburton, G.
Waterhouse, The Hon. G. M., F.R.G.S.
West, The Rev. W. H.
Wilcox, H.
Williams, James Nelson
Wilson, G. H.
Woodward, Jonas
Woon, R. W., Wanganui
Young, T. W.

Appendix.

AUCKLAND INSTITUTE.

- | | |
|--|-------------------------------------|
| Aickin, G. | Fairburn, J., ditto |
| Aitken, W. | Farmer, The Hon. J., Remuera |
| Alexander, C. | Fergusson, His Excellency the Right |
| Allen, J. E. | Hon. Sir James, Bart., P.C. |
| Allom, A. J., Shortland | Firth, J. C. |
| Allwright, H., C.E. | Fish, T. |
| Anderson, J. | Floyd, W. H. |
| Arney, Sir G. A., Chief Justice | Ford, S. H., M.D., Russell |
| Atkin, W., Tamaki | Fox, A., M.R.C.P., Shortland |
| Atkin, W. | Fraser, G. |
| Baber, J., C.E. | Fraser, J. M. |
| Ball, T., Mongonui | George, J. |
| Barstow, R. C., R.M., Epsom | Gibbons, E., Onehunga |
| Bates, Rev. J., Devonport | Gillies, T. B., M.H.R. |
| Beere, D. M., Shortland | Gittos, B. |
| Biss, S. B. | Goldsboro, C. F., M.D., Parnell |
| Breen, J., B.A., C.E. | Goodall, J., C.E., Epsom |
| Brett, H. | Goodfellow, W., Otara |
| Brookfield, F. M. P. | Gorrie, W. |
| Bruce, Rev. D. | Graham, W. K., London |
| Buchanan, James | Green, Major |
| Buchanan, John | Hall, J. W.; Grahamstown |
| Buckland, W. T., Remuera | Hankey, E. A., London |
| Buller, Rev. J., Christchurch | Hannaford, M., Remuera |
| Campbell, H. | Harding, S. |
| Campbell, J. L., M.D. | Haultain, The Hon. Col. T. M. |
| Cawkwell, W. J. | Hay, D., Parnell |
| Chamberlin, The Hon. H., Parnell | Hay, W., M.H.R., Papakura |
| Chambers, J. | Heale, T. |
| Chapman, G. T. | Heather, A. |
| Cheeseman, T. F., F.L.S., Remuera | Henderson, J., C.E., Wellington |
| Clark, A., ditto | Henderson, T., jun. |
| Clark, J. M., ditto | Hesketh, E. |
| Clark, W. H., C.E., Ngaruawahia | Higginson, H. P., C.E., Wellington |
| Clarke, H. T., Wellington | Hill, W., jun. |
| Cochrane, S. | Hobbs, R., Pokono |
| Codrington, Rev. R. H., Norfolk
Island | Humphreys, W. |
| Cook, C.E., Onehunga | Hunt, R. R., Ngaruawahia |
| Cowie, The Right Rev. W. G., D.D.,
Bishop of Auckland | Hunt, W. A., Remuera |
| Cox, Alfred, Hamilton | Jackson, S., ditto |
| Cruickshank, D. B. | Jones, Owen |
| Daldy, W. C. | Jones, S. |
| Davy, G. B. | Jordan, R. C., Tauranga |
| Dawson, F. W. H., M.D. | Kemp, H. T., Bay of Islands |
| Day, R., M.D. | Kenny, N., Ngaruawahia |
| Dickson, E. B. | Kidd, Rev. R., LL.D. |
| Drake, W., Shortland | Kinder, Rev. J., D.D. |
| Dyson, R. W. | Kinloch, E., Otahuhu |
| Earl, W., Remuera | Kirk, T., F.L.S., Wellington |
| Edmonstone, G. F., Parnell | Kirton, G., Napier |
| | Kissling, G. S., Parnell |
| | Kissling, T., ditto |

- Kissling, W. H., ditto
Knorpp, C. B., C.E.
Lamb, J., Riverhead
Larkworthy, F., London
Leaf, C. J., F.L.S., G.S., S.A., ditto
Lee, W., M.R.C.S.E.
Lodder, W., Remuera
Lusk, H. H.
Lyall, J. L., Epsom
MacCormick, J. C.
McDonald, D. E.
Macfarlane, J. S.
Macfarland, R. J., C.E., Grahamstown
Macffarlane, T.
Mackay, R.
Mackechnie, E. A.
Mackellar, H. S., Wellington
Mackelvie, J. S.
Maclean, B., Tamaki
Maclean, The Hon. D., Napier
Maclean, The Hon. E., Howick
Macrae, F.
Mair, Captain G., Tauranga
Mair, H. A., Parnell
Mair, R., Whangarei
Mair, Major W. G., Alexandra
Maning, F. E., Hokianga
Martin, J.
Mason, J., Parnell
Maunsell, the Ven. Archdeacon, ditto
Meinertzhagen, F. M., Napier
Mitford, G. M., Parnell
Morton, H. B.
Morrin, T.
Monro, H. A. H.
Moss, F. H.
Murdoch, D. L., Epsom
Nathan, L. D.
Nation, Colonel, Parnell
Nelson, Rev. C. M., M.A.
Nicholson, J. R., M.D.
O'Neill, C.
Ormond, The Hon. J. D., Napier
O'Rorke, The Hon. G. M., Onehunga
O'Sullivan, R. J.
Owen, G. B., Epsom
Palmer, W. J.
Payne, M. H., M.D., Shortland
Peacock, T.
Pearce, R. J.
Perkins, E.
Philips, P. A.
Philips, C.
Pollen, The Hon. D., M.D., Whau
Pond, J. A.
Preece, J. W.
Purchas, Rev. A. G., M.R.C.S.E.,
Onehunga
Rapson, S., Kaukapakapa
Rayner, G., Ngaruawahia
Richmond, J.
Roberton, J.
Roberts, W. C., Hokitika
Robertson, J., Mangere
Russell, T.
Scott, W., Paterangi
Sheath, A.
Sheehan, J., M.H.R.
Sheppard, A. M., Otahuahu
Shera, J. M.
Sinclair, A.
Slatter, J.
Slowman, J. F.
Smales, Rev. G., East Tamaki
Smart, J.
Smith, J. P.
Spencer, T., Grahamstown
Spencer, W. I., M.R.C.S., Napier
Steel, Capt., Hamilton
Stewart, J., C.E.
Stewart, T. M., Melbourne
Stockwell, R., M.D.
Stone, C. J.
Taylor, The Hon. C. J., Tamaki
Thorne, G., jun.
Thomas, E.
Tinne, T. F. S.
Tothill, C.
Vogel, The Hon. J., Wellington
Von der Heyde, G.
Waddington, E., M.D., Alexandra
Wallace, John, Flat Bush
Wardrop, A.
Ware, W.
Wark, J. N., Sydney
Watt, J.
Wayland, J. M., Onehunga
Waymouth, J.
Wayte, E.
Webster, J., Hokianga
Weetman, S., Mongonui
Whitaker, F.
White, T. L.
Whitson, R. W.
Will, W.
Williams, H., Bay of Islands

Williams, H. M.	Wilson, Major J., Cambridge
Williams, The Ven. Archdeacon W. L., Poverty Bay	Wilson, J. L., Whangarei
Williamson, The Hon. James	Wilson, W. C.
Williamson, His Honor John, Super- intendent of Auckland	Wright, F. W., L.M.B. Toronto

PHILOSOPHICAL INSTITUTE OF CANTERBURY.

Anderson, John	Hill, J. R.
Armstrong, A. F.	Inglis, John
Aynsley, H. P. M.	Jameson, Andrew
Back, Alexander	Jollie, Edward
Barker, A. C.	Lane, W. H.
Bealey, S.	Marshman, John
Blakiston, A. F. N.	Maskell, W. M.
Blakiston, C. R.	Mills, W.
Bowen, C. C., F.R.G.S.	Montague, D. S.
Bray, W. B.	Montgomery, W.
Carruthers, W. D.	Mountfort, B. W.
Clogstoun, Captain	Ormsby, A.
Condell, T. D.	Palmer, Joseph
Coster, J. L.	Parker, H. B.
Coward, F. W. S., L.S.A.	Potts, T. H., F.L.S.
Craig, David	Powell, Lt., M.D.
Davis, Richard	Prins, H. H.
Dixon, M.	Reade, G. A.
Duncan, Andrew	Rhodes, R. H., M.H.R.
Duncan, Thos. S.	Rolleston, His Honour W., B.A., Superintendent of Canterbury
Enys, J. D., F.G.S.	Ross, J. V.
Fereday, R. W.	Smith, J. M.
Foster, Dr	Stack, Rev. W.
Frazer, Rev. C.	Strouts, F.
Gould, George	Tancred, H. J.
Gresson, His Honour Mr Justice, B.A.	Tancred, T. S.
Gresson, J. B.	Thornton, G., C.E.
Griffiths, E. G.	Townsend, J.
Haast, Julius, Ph.D., F.R.S.	Turnbull, J. S., M.D.
Hall, George	Wakefield, C. M.
Hall, The Hon. John	Walker, L.
Hall, T. W.	Webb, H. R.
Hanmer, Philip	Wilkin, Robert
Harper, The Right Rev. H. J. C., D.D., Bishop of Christchurch and Primate.	Williams, J. S.
Harper, Leonard	Wilson, The Venerable Archdeacon
Hart, George	Wilson, William
Hannah, H. H.	Wright, F. E.
Hewlings, S.	Wright, T. G.

OTAGO INSTITUTE.

Abel, H. J., Lawrence	Arthur, W.
Abram, G. P., M.A.	Ashcroft, Jas., Oamaru
Adams, C. W.	Baker, J. H., Invercargill

List of Members.

cv

Bakewell, Dr.	Macassey, James
Barr, G. M., C.E.	Macgregor, Professor, M.A.
Barnet, A. A.	Maclean, H. J.
Barton, Geo. E.	Martin, R. B.
Bathgate, John	Martin, W., Green Island
Bathgate, Alex. J.	Mason, William
Bell, Geo.	May, J. T.
Beverley, Arthur	May, Mrs. J. T.
Black, Professor, M.A., D.Sc.	McGregor, John
Blair, W. N., C.E.	McKerrow, James
Borrows, Dr., R.N.	McKerras, J. T.
Brent, Daniel, M.A.	Mitchell, John
Buchanan, Hon. Dr.	Mouat, John
Burn, Mrs.	Murison, W. D.
Calcutt, Thomas	Muston, C.
Campbell, G. H.	Neill, Percy
Cargill, E. B.	Nevill, The Right Rev. S. T., D.D., Bishop of Dunedin
Cargill, John	Oliver, Richard
Chapman, His Honour Mr. Justice	Oliver, Thomas
Chapman, Robert	Penny, Rev. E. G., M.A.
Chapman, F. R.	Percival, W. J.
Dasent, Rev. A., M.A., Waikouaiti	Petrie, Don.
Davie, John	Prentice, N.
Deck, Dr.	Purdie, A. C.
Douglas, John, Mount Royal	Quick, E. E. C.
Eccles, Alfred, F.R.C.S.	Rattray, James
Finch, James	Reynolds, W. H., M.H.R.
Fleming, A., M.D., Oamaru	Ritchie, J. McF.
Fraser, W., Earnscleugh	Roberts, F. C.
Fulton, F. C.	Ross, A. H.
Fulton, James	Russell, G. G.
Gardiner, R. S.	Sale, Professor, M.A.
George, Thomas	Shand, Professor, M.A.
Gillies, Robert	Shrimpton, G., Wanaka
Glasgow, W. T.	Sievwright, Basil
Granger, Rev. E. H., M.A.	Simpson, D. L.
Grant, A. J.	Skey, Henry
Haggitt, B. C.	Smith, James
Hardy, John, Oamaru	Stables, John
Hawthorne, Stuart, M.A.	Stewart, Alex., near Dunedin
Hepburn, Wm.	Stewart, Alex., M.D., Lawrence
Hislop, John	Stewart, W. D.
Hocken, T. M., M.R.C.S.E.	Stout, Robert
Hodgkins, W. M.	Street, C. H.
Holmes, Allan	Strode, A. R. C.
Howorth, Henry	Stuart, Rev. Dr.
Humphreys, E. W.	Tewsley, Henry
Hutton, Capt. F. W., F.G.S., C.M.Z.S.	Thomson, Dr. A. T., Clyde
Jeffcoat, F.	Thomson, J. T., F.R.G.S.
Jennings, E.	Thomson, George M.
Johnston, —, Waikari	Thomson, Peter
Logan, John	Thoneman, L.
Lubecki, A. D.	

Tolmie, W. A., M.H.R.	Weldon, T. K.
Turnbull, George	Wilkie, James
Turton, G. K.	Willis, Alexander
Walcot, James A.	Wilson, James
Walter, H. J.	Wohlers, Rev. F. H.
Watson, J. T.	Yates, Dr. W. A.
Watt, I. N.	Young, George
Webb, J. S.	Young, W. A., Palmerston
Webster, Dr. G. M.	

**NELSON ASSOCIATION FOR THE PROMOTION OF SCIENCE
AND INDUSTRY.**

Atkinson, A. S.	Lightband, G. W.
Batchelor, T. C.	Lowe, J. T.
Blundell, F.	Lucas, R.
Bonnington, George	Mackay, A.
Boor, Leonard, M.R.C.S.	Mackay, Joseph
Broad, Charles	Mackay, Thomas, C.E.
Brown, Alexander	Monro, Sir David, M.D.
Browne, C. Hunter	Moutray, J. C.
Carter, Thomas, Wairau	Renwick, The Hon. T.
Catley, J. T.	Richardson, R.
Collins, A. S.	Richmond, The Hon. J. C.
Cotterell, C.E., M.R.C.S.	Rough, D.
Curtis, H. E.	Sadd, J. B.
Dick, S. J.	Slanders, A.
Dobson, A. D., C.E., Westport	Slanders, James
Elliott, C.	Sealey, W. B., M.D.
Farrelle, W. K., L.R.C.S.E.	Shephard, J.
Fell, C. Y.	Simmons, F. C., M.A.Oxon
Gabb, C. P.	Smith, John
Grant, A.	Squires, W. W., M.D.
Greenwood, J. D., M.D., Motueka	Stafford, The Hon. E. W.
Giles, Joseph, M.D., Westport	Suter, The Right Rev. A. B., D.D., Bishop of Nelson
Huddleston, F.	Tatton, J. W.
Harley, Joseph	Thorpe, The Rev. R. J., M.A.
Harley, William	Tomlinson, W.
Hodgson, W. C.	Wakefield, Felix, F.L.S.
Holloway, J.	Webb, Joseph
Irvine, F. W., M.D.	Wells, William
Lee, Robert	Williams, George, M.D.
Levastam, H. A.	