

LIST OF MEMBERS

. . . OF THE . . .

Sydney University Engineering Society.

NOTE.—Members are requested to communicate any change of address to the Hon. Sec., University.

Year of Election	No. of Papers Cont'd	
1905		Ada, W. L., Glebe Road, Glebe.
1897	1	*Amphlett, E. A., B.E., Assoc. M. Inst. C.E., Boonerah, Crow's Nest Road, North Sydney.
1895		Amphlett, H. M., B.E., Royal Engineer Offices, Middleburg, Cape Colony.
1899		Armstrong, J. N. F., B.E., Broken Hill
1895		Arnott, R. F., B.E., c/o Messrs. S. Pearson & Son (Incorporated), Contractors, Long Island City, Opposite Railway Approach, New York, U.S.A.
1903		ATKINSON, J., <i>Assist. Hon. Treasurer</i> , 4 Rae Street, Randwick.
1898		*Ball, L. C., B.E., Assist. Govt. Geologist, Brisbane, Q.
1897	1	BARKER, R. F., B.E., <i>Member of Council</i> , Sydney.
1895	3	BARRACLOUGH, S. H., B.E., M.M.E., Assoc. M. Inst. C.E., <i>Past President</i> , the University, Sydney.
1899		Barton, B. V., Holmbush, Hunter Street, East Malvern, Vic.
1896		BEAVER, W. R., Junr., B.E., <i>Vice-President</i> , Belgrave Street, Petersham.
1902		Bellemev, S. J., Working Men's Institute, Castlemaine, Vic.
1901		Birks, L., B.Sc., B.E., Electric Tramways, Christchurch, N.Z.
1895		Bowman, A. S., B.E., School of Mines, Kalgurli, W.A.
1898	1	Boyd, A., B.Sc., B.E., Stud. Inst. C.E., 24 Gordon Street, Gordon Square. London.
1895	1	BOYD, R. J., B.E., <i>Vice-President</i> , Fitzroy Street, Burwood
1898		Boyd, W. S., B.E., c/o Am. Inst., Mining Engineers, New York.
1900		Boydell, W. G. B., B.E.
1895	4	BRADFIELD, J. J. C., M.E., Assoc. M. Inst. C.E., <i>Past President, Member of Council</i> , D.P.W., Sydney.
1895	1	Brearley, J. H. D., B.Sc., B.E., A.I.E.E., 1 Crawford Street, Dunedin.
1900		Brereton, E. Le Gay, Great Northern Road, Gladesville.
1903	1	BRIDGE, J. M., <i>Member of Council</i> , Tarloo, Enmore Road, Marrickville.
1899		Brooks, H. A., B.E., Hope Bank, Nelson Street, Woollahra.
1902		Burgess, J. H., B.E.
		BURNELL, J. G., <i>Member of Council</i> , Trevernack, Macquarie Street, Parramatta.
1904		Bundock, A. W., St. Kilda, Allison Road, Randwick.
1905		Carleton, G. B., Tarcoola, Nelson Street, Woollahra.
1899		Caro, P., B.E., c/o Mr. Oscar West, Resident Engineer, Phoenix Bridge Co., The Rookery, Chicago, U.S.A.
1903		Carlaw, Prof. H. S., M.A., D.Sc., F.R.S.E., University, Sydney.
1905		Carter, E. M., St. Andrew's College.
1905		Carter, H. G., St. Andrew's College.
1905		Clayton, F. H., 61 Cavendish Street, Stanmore.
1899		Clayton, C. H. J., B.E., c/o H. E. Whittfeld, Esq., Box 267, Kalgurli, W.A.

[* Signifies Life Members.]

MEMBERS—continued.

Year of Election	No. of Papers Cont'd	
1903	1	Coldham, J. C., Vectis, New South Head Road, Edgecliffe.
1899	1	Cook, W. E., M.E., M.C.E., M. Inst. C.E., Burraway Street, North Sydney.
1899		Corfe, D. B., B.E. Tasmania Mines, Beaconsfield, Tasmania.
1899		Corlette, J. M. C., B.E., School of Mines, Kalgurli, W.A.
1905		Coward, W. B., Rawene, Ridge Street, North Sydney.
1902		COWLISHAW, R. G., <i>Member of Council.</i>
1895		Craig, A. D., B.E., L.S., Assoc. M. Inst. C.E., D.P.W., Sydney.
1905	1	Cropper, C. H.
1895	3	DARE, H. H., M.E., Assoc. M. Inst. C.E., <i>Past President</i> , Dept. of Public Works, Sydney.
1899		Dart, R. N., B.E., Lachlan Gold Mines, Calarie, viâ Forbes.
1905		Davidson, G. F., 223 Bridge Road, Glebe.
1895		Deane, H. J., B.E., Assoc. M. Inst. C.E., c/o Messrs. Baker & Hurtzig, 2 Queen's Square Place, Queen Anne's Mansions, London, S.W.
1896		Dixon, J. T., B.E., Kent Street, Maryborough, Q.
1896		Doak, W. J., B.E., Assoc. M. Inst. C.E.
1903		Donkin, W. D., Lake Cowal, Wyalong.
1896		Durack, J. J. E., B.A., Allahabad Club, Allahabad, India.
1904		Edgley, H. D., St. Andrew's College.
1903		Flashman, H. W., Walker Street, North Sydney.
1903		Forrest, W. T., St. Paul's College, Darlington.
1902	1	Foxall, H. G., B.Sc., North Parade, Hunter's Hill.
1901		Freeman, A. W., B.A., B.E., Holmwood, Shirley Road, Wollstonecraft, N.S.W.
1900		Freeman, C. C., B.E., Laverton, W.A.
1905		Frew, A. E. H., 3 Bligh Street, Newtown.
1900		Garde, H. T., B.E., Associated Mine, Kalgurli, W.A.
1903	1	GIBSON, A. J., Assoc. M. Inst. C.E., <i>Hon. Secretary</i> , The University, Sydney.
1898		Gorringe, L. S., B.A., B.E., Mt. Brown Tin Mines, Ewan, North Queensland.
1899		Gould, H. J., B.E., Great Cobar Copper Mine, Cobar, N.S.W.
1901		Gray, G. J., B.Sc., B.E., Park Road, Burwood.
1898		Gregson, W. H., B.A., B.E., Sibley College, Cornell, Ithaca, N. Y.
1900		Hall, E. K., B.E., North Lachlan Gold Mine, Calarie, viâ Forbes.
1900		Hall, R. Vine, Union Street, North Sydney.
1896	1	Hawken, R. W., B.E., B.A., Bentong, Pahang, M.F.S.
1895		Hayley, P. E. L., B.E., Angelo Street, Burwood.
1898	1	Heden, E. C. B., B.A., B.Sc., B.E., Working Men's College, Melbourne, Vic.
1895		Hedgeland, E. W., Royal Survey Dept., Bangkok, Siam.
1898		Henning, E. T., B.E., Passy, Hunter's Hill.
1901		Hill, J. H. F., B.A., B.E., Proprietary Mine, Broken Hill.
1895	1	Hole, W. F., B.E., Government Railways, Pietermaritzburg, Natal.
1900		Horsburgh, J., Chillagoe, Queensland.
1905		Howatson, G., Collingwood Street, Drummoyne.
1904		Hudson, J. M., St. Paul's College, Darlington.
1902		Isaacs, R. McI., B.E.
1896		*Jack, R. L., B.E., F.G.S., Box 160, G.P.O., Perth, W.A.
1900		JARMAN, Prof. A., A.R.S.M., A.I.M.M.; M. Am. I.M.E.; <i>Vice-President</i> , The University, Auckland, N.Z.
1895		Jenkins, C. W. B., B.E., Fraser's Gold Mine, Southern Cross, W.A.
1902		Jevons, H. S., M.A., B.Sc., F.G.S.
1903		Jones, S. W., Mimosas, Burwood Road, Burwood.
1898		Joubert, N. F., Hunter's Hill, Sydney.
1901		Kellick, A. T. C., Kulmira, Bondi Road, Waverley.
1895	2	KNIBBS, G. H., L.S., F.R.A.S. <i>Past President</i> , Alt Street, Ashfield.
1902		Langley, F. B., St. Philip's Rectory, Church Hill, Sydney.

MEMBERS—continued.

Year of Election	No. of Papers Cont'd	
1902		Larkins, H. M., Afreba, Stanmore Road, Stanmore.
1902		Lees, E. J., B.E., 52 Buckingham Street, Sydney.
1897	2	Madsen, J. P. V., B. Sc., B.E., University, Adelaide, S.A.
1902		Marriott, E. W., Tranby, Mansfield Street, Glebe Point, Sydney.
1900		MARTYN, A. M., B.E., <i>Member of Council</i> .
1902		Mason, W. H., B.Sc., Sibley College, Cornell.
1903		Mathews, W. W., Carcuron, Hassall Street, Parramatta.
1896		Mathison, W. C., B.E., Railway Department, Brisbane, Q.
1902		Maughan, A., Sibley College, Cornell University, Ithaca, N.Y.
1899		Mawson, D., B.Sc., B.E., The University, Adelaide.
1905		May, H. W., Llanvryn, Gower Street, Summer Hill.
1905		Miller, H. R., 40 Gordon Street, Paddington.
1897		More, G. A., B.E.
1905		Morris, A. C., 215 Bridge Road, Glebe Point, Sydney.
1903		Morris, L. C., Audley Street, Petersham.
1905		Morrison, A., Eton, Waverley Street, Waverley.
1902	2	MORT, H. S., B.Sc., Stud., Inst. C.E., <i>Hon. Treas.</i> , The University, Sydney.
1905		Mort, J. L., Cadaxton, Cooper Street, Edgecliffe.
1896		Mort, S. R., B.E., Girilambone Copper Mining Co., Girilambone, N.S.W.
1899		Myers, H. W., B.E., Deltamu, Allison Road, Randwick.
1904		Mulligan, E. N., 117 Booth Street, Annandale.
1902		M'Ardle, F. O., B.E., Associated Mine, Kalgurli, W.A.
1905		McBryde, J., Liverpool Road, Strathfield.
1900		McCrae, A. G., B.E., c/o F. P. McCrae, Bank of Australasia, George Street.
1902		McMaster, C. F., Wyuna Road, Edgecliffe.
1895	2	MacTAGGART, J. N. C., M.E., Assoc. M. Inst. C.E., <i>Past President, Member of Council</i> , M.B.W.S. and S., Pitt Street, Sydney.
1902		Nardin, C. C., B.E.
1896	3	Nardin, E. W., B.E., Assoc. M. Inst. C.E., Hannan Star Gold Mine, Kalgurli, W.A.
1898		Newman, J. M., B.E., The Monastery, Convent Hill, Broken Hill.
1903		Norman, J. L., May Street, Marrickville.
1903		Owen, T. M., B.E., Proprietary Mine, Broken Hill.
1895	2	Palmer, T. H., B.E., Freemason's Hotel, Broken Hill.
1900		Patterson, B. G., B.E., Mount Morgan, Q.
1895		Pittman, E. F., A.R.S.M., Department of Mines, Sydney.
1899		Platt, C. P., B.E., Nicholson Street, Burwood.
1897	3	*Poole, W., B.E., Assoc. M. Inst. C.E., L.S., F.G.S., School of Mines, Charters Towers, Q.
1903		Prescott, W. A., Newington College, Stanmore.
1904		Power, F. Danvers, A.R.S.M., 68½ Pitt Street.
1904		Power, R., St. John's College, Camperdown.
1905		Price, A., Cowper Street, Waverley.
1901		Rae, T. R., B.E.
1905		Ranclaud, A. B. B., Ventnor, Moonbie Street, Summer Hill.
1895	1	Reid, N., B.E., c/o L. & C. Lemprière, Herberton, Q.
1901		Reid, R. S., B.E., Buluwayo, South Africa.
1900		Richardson, R. J. D., B.E., Kalgurli Gold Mines, Kalgurli, W.A.
1895	1	ROBERTS, J. W., B.E., <i>President</i> , Department Public Works, Sydney.
1905		Roberts, H. A., University.
1895		Rowlands, H. B., B.E., c/o Dr. Knight, Bolton Street, Wellington, N.Z.
1905		Royle, J. McD., Chipchase, Greenwich Road, St. Leonards.
1895	2	RŶGATE, P. W., M.A., B.E., L.S., Assoc. M. Inst. C.E., <i>Past President</i> , 158 Pitt Street, Sydney.
1901		Saunders, G. J., B.E., School of Mines, Charters Towers, Q.
1895	1	Sawyer, B., B.E., Langreath, Glebe Road, Glebe.
1903		Schofield, J. A., A.R.S.M., F.C.S., University, Sydney.

MEMBERS—continued.

Year of Election	No. of Papers Cont'd	
1905	1	Scott, E. Kilburn, M. Inst. C.E., M.I.M.E., M.I.E.E., St. Paul's College, Darlington
1897		Seale, H. P., B.E., Mount Morgan, Q.
1905		Sewell, L. G., Woolwich Road, Hunter's Hill.
1903		Sharp, L. H., St. Paul's College, Darlington.
1901		Shellshear, W., B.E., Broken Hill Central, Broken Hill.
1895	1	Simpson, E. S., B.E., Government Assayer, Pier Street, Perth, W.A.
1904		Simpson, M. H., St. Paul's College, Darlington.
1901	1	Simpson, R. C., Electrical Engineering Department, Technical College, Sydney.
1903		Skerritt, A. W., North Road, Marsfield.
1897		Slee, R. T., B.E., Palace Hotel, Broken Hill.
1895		Smail, H. S. I., B.E.
1898		Spier, R. V., B.E., c/o Proprietary Mine, Broken Hill.
1902		Stephen, J. F., B.E., Conrad Mine, Howell, via Inverell, N.S.W.
1895	3	*STRICKLAND, T. P., B.E., M.Sc., <i>Past President, Member of Council</i> , Electrical Tramway Department, Sydney.
1895		Sulman, J., F.R.I.B.A., M.L.A. Buildings, George Street, Sydney.
1904		SWAIN, H. J., <i>Member of Council</i> , 26 Henson Street, Summer Hill.
1895	2	*THOMPSON, W. M., M.A., B.E., L.S., Assoc. M. Inst. C.E. <i>Past President</i> , Tongarra, via Albion Park, Illawarra.
1902		Tilley, J. W., Charter's Towers, Queensland.
1903	1	TIVEY, J. P., B.A., <i>Assist. Hon. Sec.</i> , Kydra, Collingwood Street, Drummoyne.
1899	2	Turner, B. W., A.R.S.M., F.C.S., Wood's Chambers, Moore Street, Sydney.
1895		Twynam, H., B.E., Mount Morgan, Q.
1899		Vonwiller, O. U., B.Sc., 17 Heeley Street, Paddington.
1901		Waine, V. J., Rotherwood, Bradley Street, Randwick.
1900		Ward, L. K., B.A., B.E., School of Mines, Kalgurli, W.A.
1895		Ward, T. W. C., B.A., B.E., Assoc. M. Inst. C.E., 26 Mansfield Street, Glebe Point, Sydney.
1895	4	WARREN, Prof. W. H., Wh. Sc., M. Inst. C.E., <i>Past President</i> , Engineering School, University, Sydney.
1896	1	WATERHOUSE, G. A., B.Sc., B.E., F.E.S. <i>Vice-President</i> , Royal Mint, Sydney.
1905		Waterhouse, L. L., Archer Street, Chatswood.
1905		WATERHOUSE, L. V., <i>Member of Council</i> , Ellerslie, Birrell Street, Waverley.
1903		Webb, A. C. F., M.I.E.E., Vickery's Chambers, 82 Pitt Street, Sydney.
1902		Webb, S. D., B.E., St. Andrew's College, Camperdown.
1896		Weigall, A. R., B.E., c/o Collbran & Bostwick, Seoul, Korea.
1901		Weston, P. L., B.Sc., B.E., The University, Sydney.
1895		White, N. F., B.E., Mount Morgan, Queensland.
1902		Whiteman, W. D.
1899		Whitfeld, H. E., B.A., B.E., Box 267, Kalgurli P.O., West Australia.
1895		Wilson, J. Bowie, B.E., Mount Morgan, Queensland.
1901		Wilson, R. C., B.Sc., B.E.
1901		Woodcock, L. R., B.E., Yaxley, Harrington Street, Stanmore, N.S.W.
1905		Woolnough, W. G., D.Sc., The University, Sydney.
1895	2	Woore, J. M. S., B.E., Assoc. M. Inst. C.E., c/o The Chief Engineer, Railway Department, Wellington Street, Perth, W.A.

Year of
Election

No. of
Papers
Cont'b'd

HONORARY MEMBERS.

1897		Burge, C.O., M. Inst. C.E.
1899		David, Prof. T. W. E., B.A., F.R.S., F.G.S., F.R.G.S., etc., The University, Sydney.
1903		Davis, J., M. Inst. C.E., Department of Public Works, Sydney.
1897	1	Deane, H., M.A., F.L.S., M. Inst. C.E., Wybalena Road, Hunter's Hill.
1899		Gurney, Prof. T. T., M.A., St. John's College, Cambridge.
1897		Houghton, T. H., M. Inst. C.E., M.I.M.E., Exchange Corner, Pitt Street, Sydney.
1899	1	Liversidge, Prof. A., M.A., LL.D., F.R.S., F.C.S., F.G.S., A.R.S.M., etc., The University, Sydney.
1899		Pollock, Prof. J. A., B.E., D.Sc., The University, Sydney.
1899		Selfe, N., M. Inst. C.E., 279 George Street, Sydney.
1897	2	Smail, J. M., M. Inst. C.E., Wycombe Road, Neutral Bay, Sydney.

OBITUARY.

HONORARY MEMBER,

RUSSELL, SIR PETER NICOL.

MORRIS, J. F., B.E., F.G.S.



PETER NICOL RUSSELL was born in Scotland in 1818, and came to Australia in 1836. On his arrival in Sydney he purchased a foundry, situated on the south side of the Royal Hotel, from the executors of the estate of Mr. James Bland.

In 1842, he established the Sydney Foundry and Engineering Works. Later, he removed his works to Sussex Street. In 1855, the firm of P. N. Russell & Co. was established with works at the places mentioned.