

LIST OF MEMBERS

.. OF THE ..

Sydney University Engineering Society.

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

Year of Election.	No. of Papers Cont'd.	* Signifies Life Member. † Signifies Past President. § Signifies Active Service.
1919		Adnam, J. M., "Tan-y-Bryn," Holland St., Chatswood.
1912		§Adamson, R. W., B.E., Irrigation Commn., Union House, George St., Sydney.
1918		Alfred H., Engineering School, University, Sydney.
1913		§Alison, C. A., St. Paul's College, Darlington.
1919	1	Allan, P., M. Inst. C.E., M. Am. Soc. C.E., Department of Public Works, Sydney.
1897	1	*Amphlett, E. A., B.E., "Boonerah," Crow's Nest Rd., North Sydney.
1919		Amphlett, H. M., B.E., Railway Commissioners' Office, Bridge St., Sydney.
1912		§Anderson, R. C., B.Sc., St. Andrew's College, Camperdown, Sydney.
1907		Anderson, W. J., B.E., Kapsan Mining Concession, Doten, via Sonchin, Joshin, Korea.
1914		§Asher, G. B., The University, Sydney.
1918		Aston, R., "Clareville," Brady St., Croydon.
1919		Attwood, J. W., 21 Wallace St., Ashfield.
1913		§Audet, Lewis, B.E., Mount Pleasant, West Maitland.
1919		Bachtold, H., B.Sc., 309 Bridge St., Drummoyne.
1919		Bailey, P. E., Irrigation Commission, Union House, George St., Sydney.
1918		Baker, W. G., 205 Bridge Rd., Glebe.
1912		*Baldwin, J., B.E., "Hazeldene," Archer St., Roseville.
1898		§Ball, L. C., B.E., Assistant Government Geologist, Brisbane.
1919		Barker, C. W. J., B.Sc., Havelock St., Drummoyne, Sydney.
1897		Barker, R. F., B.E., University Club, Castlereagh St., Sydney.
1918		Barr, O. P., "Arrawatta," 28 Vernon St., Strathfield.
1896		*Beaver, W. R., B.E., N.C. Railway, Coff's Harbour, N.S.W.
1907		§Beeston, S. L., B.E., H.M.A.S. Sydney, c/o G.P.O.
1918		Benjamin, A., "Ne-Alva," Milner Cres., Wollstoncraft.
1917		Bennett, A. T., "Fernleigh," New South Head Rd., Rose Bay.
1917		Bergin, T. F., Engineering School, University.
1919		Blair, A. R., "Ayr," Ardgriffe St., Enfield.
1917	1	Bode, H. F. T., "Othrys," Bennett St., Neutral Bay, Sydney.
1917		Boyd, C. H., Eng. School.
1912		§Boyd, E. E. G., c/o A. A. Boyd, Esq., M.M.G.M. Coy., Mt. Morgan, Queensland.
1895	2	*†Boyd, R. J., M.E., Assoc. M. Inst. C.E., Metropolitan Railway Construction, Dept. of Public Works, Sydney
1899		Boyd, W. S., B.E., Ray Consolidated Copper Co., Ray, Arizona, U.S.A.
1900	1	*Boydell, W. G. B., B.E., c/o C. B. Boydell, Esq., The Senate, Melbourne.
1895	6	*†Bradfield, J. J. C., M.E., M. Inst. C.E., Metropolitan Railway Construction, Public Works Dept., Sydney
1915		§Brain, V. J. F., "Ulora," Bland St., Ashfield.
1917		Braithwaite, T. R., B.E., Broken Hill Proprietary Co., Steel Works, Newcastle.
1917		Breen, J. R., Eng. School, University.
1919		Brewster, F. H., Irrigation Commission, Leeton, N.S.W.
1903	1	*Bridge, J. M., B.E., 1 Kooyong Rd., Armadale, Victoria.
1908		§Bridge, C. W., B.E., H.M.A.S. Penguin, Garden Island, Sydney.
1917		Brooks, G., "Gowne," Anderson St., Chatswood.

MEMBERS.—Continued.

Year of Elec- tion.	No. of Papers Cont'd.	
1916		Brown, A. M., British Thompson-Houston Co., Rugby, Eng- land.
1919		Bryant, G., Engineering School, University.
1914	1	Bucknell, L. G., B.E., Supervising Engineer, Goulburn, N.S.W.
1912		§Bugler, V. V., B.E., Broken Hill Proprietary, Newcastle, N.S.W.
1904		Bundock, W. A. W., B.Sc., "Glenora," Henrietta St., Double Bay, Sydney.
1909		Burn, A., B.E., The University, Hobart, Tas.
1905		§Burnell, J. G., B.E., Water Supply Commission, Melbourne.
1917		§Burnett, H. C., Gilda Av., Wahroonga.
1919		Burrows, T. E., Public Works Department, Sydney; "Balboa," Fern St., Randwick.
1917		Butler, R. J., B.E., Dept. of Labour and Industry, Sydney.
1911		§Butler, A. L., B.E., c/o Rayfield Tin Mining Syndicate, Nara- guta, Northern Nigeria.
1919		Buzacott, A. E., "Woodside," Fitzroy St., Burwood.
1907		§Caddy, J. P., B.E., University Club, Sydney.
1911		Calvert, F. J., B.E., Water Supply Dept., South Brisbane, Queensland.
1916		Cameron, K. A., British Thompson-Houston Co., Rugby, Eng- land.
1912		§Campbell, E. F., B.E., "Moorialda," Cheltenham Rd., Bur- wood, Sydney.
1913		Campbell, R. A., B.Sc., Assoc. M. Inst. C.E., The University, Christchurch, N.Z.
1907	2	†Cardew, J. Haydon, Commercial Bank Chambers, George St., Sydney.
1905		Carleton, G. B., B.E., Assoc. M. Inst. C.E., University Club, Castlereagh St., Sydney.
1905	1	§Carter, H. G., B.E., Assoc. M. Inst. C.E., Electrical Engineer's Dept., P.W.D., Sydney.
1913		Chapman, R. H., B.Sc., "Lansdown," Mann's Av., Neutral Bay, Sydney.
1919		Chapple, A. R., "Allington," 101 Spencer Rd., Watersleigh, Sydney.
1919		Charley, N. G., "Belmont Park," Richmond, N.S.W.
1919		Clarke, C. H., St. Andrew's College, Camperdown.
1899		§Clayton, C. H. J., B.E., Broken Hill Club, Broken Hill, N.S.W.
1906		Clayton, H. E., B.E.
1910		Cliff, G. C., B.E., Resident Engineer, Cordeaux Dam, Douglas Park, N.S.W.
1914		§Close, J. C., B.Sc., M.E., A.G.E. Co., Wentworth Av., Sydney.
1919		Close, T. H., Existing Lines Dept., Bridge St., Sydney.
1908		§Cohen, A. F., B.E., Existing Lines Dept., Bridge St., Sydney.
1919		Cohen, R., 187 George St., Sydney.
1899	2	*†Cook, W. E., M.E., M. Inst. C.E., Burraway St., Neutral Bay.
1919		Cope, R. H., Public School, Waratah.
1900	1	§Corlette, J. M. C., B.E., D.S.O., C.M.G., Hunter District W.S. & S.B., Newcastle.
1907		Cowdery, G. E., B.E., "Lynn," Alviston St., Strathfield.
1919		Cowdery, G. R., "Bernie," Strathfield Av., Strathfield.
1914		Craig, A. D., B.E., Equitable Buildings, George St., Sydney.
1919		Cram, P., 118 Foucart St., Rozelle.
1909		§Cran, C. R., B.E., Broken Hill Club, Broken Hill, N.S.W.
1912		§Crane, C. G., B.Sc., "Hillston," Robertson St., Croydon, N.S.W.
1917		Collins, C. C., "Cheyne Court," 2 Yasmar Av., Haberfield.
1905		§Cropper, C. H., B.E., c/o H. H. Johnson, Village Deep G.M. Co., Johannesburg, South Africa.
1919		Cowles, L. E., "Loralie," Penkivil St., Bondi.
1918		Cox, R. C., Northcote Rd., Lindfield.
1919		Cribb, P. C., "Ethandune," Lawson, N.S.W.
1918		Cummings, P., Engineering School, University, Sydney.
1917		§Cureton, F. H., "Maruna," Burwood Rd., Burwood, Sydney.
1916		Curry, W. C., 26 Mount St., Hurlstone Park.
1919		Daniell, F. H., "Yarrowonga," Roslyn Av., Roseville, Sydney.
1919		*†Dare, H. H., M.E., M. Inst. C.E., Commissioner, Irrigation Commission, Union House, George St., Sydney.
1895	7	
1917		Darke, H. B., 43 Palace St., Petersham.
1916		§Day, F. H., B.E., University Club, Castlereagh St.
1919		Day, L. G., 41 Arden St., Waverley.

Year of Elec- tion. No of Papers Cont'd

MEMBERS.—Continued.

1919		§Day, R. S. A., "Quiringah," Bishop's Av., Randwick.
1895		*Deane, H. J., M. Inst. C.E., Engineer's Office, Port of London Authority, 109 Leadenhall St., London, E.C.
1900	1	*§Debenham, A. J., B.E., "Thargoona," Northwood, Lane Cove, Sydney.
1919	1	de Burgh, E. M., M. Inst. C.E., "Harburn," Hopetoun Av., Vauclose, Sydney.
1919		Degotardi, J. B., "La Vista," Lamont St., Wollstonecraft.
1919		Denning, A., Engineering School, University, Sydney.
1908		§Dennis, C., B.E., Naval College, Jervis Bay, N.S.W.
1906		Dennis, S., B.E., Dept. of Public Works, Sydney.
1896		*Doak, W. J., B.E., Assoc. M. Inst. C.E., Railway Department, Brisbane.
1919		Doolan, D. A., "Oswestry," 254 Glebe Pt Rd., Glebe Point.
1919		Donnellan, J. J., Engineering School, University, Sydney.
1910		§Dowling, B. S., B.E., "Ashford," Sydney St., Chatswood.
1907		§Doyle, A. B., B.E., Royal Australian Navy, Melbourne.
1919		Dunstan, R. A., "Kylce," Roseville Av., Roseville.
1918		Dunster, R. W., B.E., 6817 Fauntleroy Av., Seattle, Wash., U.S.A.
1907	1	Eastough, F. A., A.R.S.M., The University, Sydney.
1910		§Edwards, A. R., E.S.C.A., Edward St., Brisbane.
1908		§Eedy, A. H., "Loch Marce," Coolong Rd., Vauclose.
1914		England, J., B.E., "Rutherford," Fleet St., Carlton, Sydney.
1913		§England, V. T., "Fiona," Harrow Rd., Stanmore.
		Esserman, N. A., Commonwealth Arsenal, Municipal Bldgs., North Melbourne.
1912		§Fell, J. S., Point Rd., Northwood.
1917		Ferguson, G. L., 109 Darlinghurst Rd., Darlinghurst.
1919		FitzGerald, R. D., National & Local Govt. Branch, P.W.D., Sydney.
1917		§Forbes, A. M., 42 Milton St., Ashfield.
1919		Ford, A. R., "Kellerberrin," Balmoral St., Wahroonga.
1918		Forsyth, J. W. R., 39 Middleton St., Stanmore.
1907	1	Forster, A. D. J., B.E., Metropolitan Railway Construction, Public Works Dept., Sydney.
1919		Foster, E., 16 Mansfield St., Glebe Point, Sydney.
1914		Fowler, T. C., "Glentue," Selbourne St., Burwood.
1902	1	*Foxall, H. G., B.E., Castlereagh House, Castlereagh St.
1909		§Foxall, J. S., B.E., Sons of Gwalia M. Co., Gwalia, W. Australia.
1919		Fraser, James, C.M.G., "Arnprior," Rangers' Rd., Neutral Bay.
1905		*Frew, A. E. Harding, B.E., Telegraph Chambers, Queen St., Brisbane.
1907		§Fry, H. W., B.E., Sewerage Branch, Department of Public Works, Sydney.
1911		Fry, A. E., B.E., Mayfield, Kogarah, Sydney.
1909		§Fry, H. G., B.E., c/o The Bucyrus Coy., Sth. Milwaukee, Wis., U.S.A.
1918		Furness, W., 28 Wolseley Rd., Point Piper.
1919		Geissman, W. F., St. Paul's College, Camperdown.
1919		George, H. H., Como.
1903	2	Gibson, A. J. Assoc. M. Inst. C.E., Broken Hill Proprietary, Steel Works, Newcastle, N.S.W.
1911		Gibson, W. H. H., B.E., B.Sc., "Araluen," Ben-Boyd Rd., Neutral Bay.
1917		Goddard, N. M., "Wilga," 73 Carabella St., Kirribilli Pt., North Sydney.
1919		Gordon, J. C., "Ulladulla," Parkes St., Kirribilli Point.
1918		Graham, J. H., "Kinross," Bridge Rd., Westmead.
1917		Granowski, O. A., Engineering School, University, Sydney.
1908		§Haigh, V. A., B.E., B.H.P. Block 10 Co., Broken Hill, N.S.W.
1909		§Hall, G. E., B.E., Assoc. M. Inst. C.E., c/o Bank N.S.W., 29 Threadneedle St., E.C. 2, London.
1910		§Hamilton, J., B.E., c/o Judge H. M. Hamilton, "Tomabil," Wentworth Rd., Strathfield, Sydney.
1917		Harrison, A. W., Parsonage, Market St., Wollongong, N.S.W.
1913		§Harrison, C. O., B.Sc., Engineering School, University, Sydney.
1919		§Harrison, J., "Chewton," Chelmsford Av., Croydon.
1912		§Harrison, J. F., B.E., B.Sc., "Mon Repos," Carrington St., Strathfield.
1916		Hart, F. P., "Arlington," Howard St., Randwick.
1917		Hart, K. R. M., "Ardeen," Orchard St., Chatswood.

MEMBERS.—Continued.

Year of Election.	No. of Papers Cont'd.	
1914		Hawke, F. G., A.S.A.S.M., "Aspley," 178 Holden St., South Ashfield.
1896	3	Hawken, Professor R. W. H., M.E., M. Inst. C.E., University of Queensland, Brisbane.
1919		Hawley, L. W., "Reading," Springdale Rd., Killara.
1912		§Hay, W., St. Andrew's College, Camperdown, Sydney.
1898		*Hayley, P. E. L., B.E., "Nindaroo," Albyn Rd., Strathfield.
1909		§Hebblewhite, F. S., Elec. Light Dept., Town Hall, Sydney.
1907		Hebblewhite, W. R., B.E., Royal Military College, Duntroon, N.S.W.
1895		*Hedgeland, E. W., B.E., Trigonometrical Survey Dept., Kuala Lumpur, F.M. States, via Penang.
1912	1	Hennessy, J. F., B.Sc., Morris Chambers, Hunter St., Sydney.
1898		Henning, E. T., B.E., Assoc. M. Inst. C.E., Supervising Engineer, Chichester Dam, Dungong, N.S.W.
1907		§Herbert, D. P., B.Sc., B.E., "Lochiel," Clairvaux Rd., Rose Bay, Sydney.
1913		§Herbert, J. E., c/o Vacuum Oil Co., 90 Wm. St., Melbourne.
1919		Hetherington, G. B., St. Paul's College, Camperdown.
1914		§Hill, R. F., 30 Bondi Rd., Waverley.
1914		§Hinder, R. B., B.E., Water & Sewerage Branch, Dept. of Public Works, Sydney.
1909		§Hollingdale, G. F., B.E., "Moilena," Lucas Rd., Burwood, Sydney.
1907		§Holloway, R. A., B.E., B.Sc., Metropolitan Railway Construction, Public Works Dept, Sydney.
1917		Holt, J. A., "Condova," Doncaster Av., Kensington.
1917		Horne, L. E. W., "Roslyn," Boggabri.
1911		§Horne, T. C., B.E., A.G.E. Co., Schenectady, N.Y., U.S.A.
1900		Horsburgh, J., Mt. Morgan G.M. Co., Mt. Morgan, Queensland.
1909		§Houston, R., B.E., Irrigation Commission, Leeton, N.S.W.
1905		§Howatson, G., B.E., St Andrews, Booligal, N.S.W.
1904		Hudson, J. M., B.E., "Bannawera," Uralla, N.S.W.
1918		Hurd, W. L., 55 Pitt St., Redfern.
1919		Hutchinson, W., M.C.E., M. Inst. C.E., Railway Commissioners' Office, Bridge St., Sydney.
1902		§Ireland, O. A., B.E., Engr.-Lieut.-Commr., H.M.A.S. Melbourne, c/o G.P.O., Sydney; St. George's Crescent, Drummoynes, Sydney.
1914		§Irving, L. R. H., B.E., Shire Engineer, Shire Office, Narrabri.
1896		*Jack, R. L., B.E., Geological Survey Office, Adelaide, S. A.
1900	1	*Jarman, A., A.R.S.M., 1001 Spruce St., Berkeley, California, U.S.A.
1918		Jefferson, S. M., "Kyneton," Victoria Rd., Bellevue Hill.
1915		Jenkins, C. A., 50 Cabramatta Rd., Cremorne, Sydney.
1917		Jones, A. T., 178 Bridge Rd., Glebe.
1903		Jones, S. W., B.E., Public Works Dept., Sydney.
1919		Julius, A. F., "Chollerton," Yarranabbe Rd., Darling Point.
1911		Julius, G. A., B.Sc., B.E., Culwulla Chambers, Castlereagh St.
1919		Kendall, R., Assoc. M. Inst. C.E., Railway Commissioners' Office, Bridge St., Sydney.
1919		Kennedy, T., Assoc. M. Inst. C.E., Railway Commissioners' Office, Bridge St., Sydney.
1917		Kenniff, V., B.E., c/o Noyes Bros., 115 Clarence St., Sydney.
1918		Kerrigan, E., Five Dock Hotel, Five Dock.
1919		King, C. W., Assoc. M. Inst. C.E., Hunter District Water Board, Newcastle.
1917		Kirby, F. L., "Dagworth," Belgium Av., Roseville.
1895	2	*Knibbs, G. H., C.M.G., F.R.A.S., Federal Statistician, Melbourne.
1919		Knight, H. W., 11 Cometrowe St., Drummoynes, Sydney.
1909		Knight, O. le M., B.E., Metropolitan Railway Construction, Public Works Dept., Sydney.
1910		§Lahey, R. W., B.E., Corinda, Brisbane.
1919		Lakeman, F. G. S., "Clowes," Superba Parade, Mosman.
1919		Lampard, E. G., Alstonville, Richmond River, N.S.W.
1919		Lancaster, E. E., B.E., Metropolitan Railway Construction, P.W.D., Sydney.
1902		*Larkins, H. M., B.E., Irrigation Commission, George St., Sydney.
1918		§Laws, F. W., Public School, Blackheath.
1911	1	†Ledger, W. H., B.E., M. Inst. C.E., Railway Crescent, Beecroft.
1913		Lewis, A., B.E., "Eugoura," Avoca St., Randwick.

MEMBERS.—Continued.

Year of Election.	No. of Papers Cont'd.	
1911		§Litchfield, F. R., B.E., "Koorawatha," Nelson St., Gordon.
1919		§Lloyd, E., B.E., "Stratford," Lower Wycombe Rd., Neutral Bay, Sydney.
1913		Lloyd, A. S., Coramba, North Coast, N.S.W.
1918		Loveday, G. C., Engineering School, University, Sydney.
1915		Lush, W. H., B.E., "Maidstone," 4 Ainsworth St., Leichhardt.
1897	1	*†Madsen, Professor J. P. V., B.E., D.Sc., The University, Sydney.
1913		Main, J. M., B.E., Dept. of Forestry, Sydney.
1914		§Mann, G. H., Engineering School, University, Sydney
1911		Manning, N. U., 210 George St., Camperdown.
1919		Marks, T. E. D., "Bungalora," Tweed R., N.S.W.
1902		*Marriott, E. W., Colonial Sugar Rfg. Co., O'Connell St., Sydney.
1900		§Martyn, Lieut.-Col. A. M., B.E., D.S.O., C.M.G., C. de G., Duntroon.
1910		§Massie, R. J. A., B.E., "Marilba," North Sydney.
1899		*§Mawson, Sir Douglas, B.E., B.Sc., The University, Adelaide, S.A.
1909		§Maxwell, M., B.E., c/o Dr. Maxwell, Symphony Chambers, 46 Westland Av., Boston, Mass.
1919		Melville, L. G., Engineering School, University, Sydney.
1914		Miller, W. A., B.Sc., B.E., Engineering School, University, Sydney.
1919		Miller, C. H., "Guilford Lodge," 431 Glebe Rd., Glebe Point.
1919		Mitchell, G. W., Middle Harbour Rd., Lindfield; 85 Pitt St., Sydney.
1919		Molloy, T. S., Engineering School, University, Sydney.
1919		Moore, F., Railway Commissioners' Office, Bridge St., Sydney.
1905		*§Morris, A. C., B.E., University Club, Castlereagh St., Sydney.
1901		Morris, L. C., B.E., Technical College, Brisbane, Queensland.
1905	1	*Morrison, A., B.E., Gladstone Av., Hunter's Hill.
1902	4	†Mort, H. S., B.Sc., B.E., Railway Survey Dept., P.W.D., Sydney.
1905	1	Mort, J. L., B.E., Mort's Dock, Balmain, Sydney.
1919		§Mort, S. F., M.A. (Oxon.), 88 Wallis St., Woollahra.
1919		Mortley, H. R., 107 Audley St., Petersham.
1912		§Mullens, F. H., B.E., "Yeulba," Woodside Av., Strathfield.
1899		Myers, H. W., B.E., Tramway Offices, Hunter St., Sydney.
1908		Macintosh, H. V., B.E., Balfour Rd., Rose Bay.
1907		§Macintosh, I. R., Engineering School, University, Sydney.
1912		§Mackay, D. A., Watson's Bay.
1919		Mackay, R. W., "Glenalan," 20 Turner Av., Haberfield.
1919		Mackerras, A. P., "Beechworth," Stanton Rd., Mosman.
1895	2	*§MacTaggart, N. J. C., M.E., M. Inst. C.E., Metropolitan Board Water Supply & Sewerage.
1917		McBurney, D. H., B.E., c/o "Burleigh," Carabella St., Milson's Point.
1918		McCay, L. B., 22 Wylde St., Potts Point.
1918		McDonall, B. A., "Avon," Amhurst St., N. Sydney.
1911		§McGrath, M. J., "Kelvin Grove," Market St., Naremburn.
1918		McIlwraith, J., Engineering School, University, Sydney.
1908		§McKern, G. J., B.E., Masonic Hotel, Broken Hill.
1907		§Maclean, A. G., B.E., "Wollondale," Turramurra.
1913		§Nangle, N. J., "St. Elmo," Tupper St., Stanmore.
1896		Nardin, E. W., B.E., Cann's Buildings, Carrington St., Sydney.
1914		§Nicol, T. B., 89 Bank St., North Sydney.
1906		§Norman, E. P., B.E., B.Sc., Harbours & Rivers Department, Brisbane, Queensland.
1919		§Nutter, L. H., "Rhosmor," Springdale Rd., Killara.
1919		Oag, J. C., Engineering School, University, Sydney.
1919		O'Donnell, T., Engineering School, University, Sydney.
1910		§Ogilvie, C., B.E., Water Supply Department, Brisbane, Q.
1895	2	Palmer, T. H., B.E., Collins House, 360 Collins St., Melbourne, Victoria.
1917		Paterson, R., Engineering School, University, Sydney.
1917		Paxinos, E., "Kenilworth," 70 Kensington Rd., Kensington.
1919		Peake, A., M. Inst. C.E., 29 Prospect Rd., Summer Hill.
1914		Pegum, G. T., B.E., "Woodlands," Church St., Newcastle.
1909		Pennefather, C. A., B.E., Assist. Engr. Railway Constrn., Nimmitabel.
1914		§Phelan, R. S., "Yuletide," Henrietta St., Waverley.
1906		§Phippard, F. G., B.E., "Ballarat," Francis St., Randwick.

MEMBERS.—Continued.

Year of Elec. tion.	No. of Papers Cont'd.	
1915		Pilz, A. J., B.E., Engineering School, University, Sydney.
1899		Platt, C. P., B.E. Irrigation Commission, Leeton.
1912		§Polson, A. L., B.E., Sloane St., Summer Hill.
1897	5	*†Poole, W., B.E., Assoc. M. Inst. C.E., Culwulla Chambers, Castlereagh St.
1910		§Potts, W. E., B.E., Shire Engineer, Rylstone, N.S.W.
1904	2	†Power, F. D., 33 Hunter St., Sydney.
1914		§Price, L. J., "Cartref," Medusa St., Mosman.
1917		Quigley, R., 45 Westbourne St., Kogarah.
1919		Rankin, J. S., 86 Cambridge St., Stanmore.
1919		Ranken, R. L., Assoc. M. Inst. C.E., Existing Lines Branch, Railway Dept., Bridge St., Sydney.
1895	1	*Reid, N., B.E., Assoc. Inst. C.E., c/o W. & J. Lempriere, Ingham, Q.
		§Reid, R. S., "Folkestone," Falcon St., North Sydney.
1919		Renshaw, W., Irrigation Commission, George St., Sydney.
1906		Reynolds, L. J., B.E., "Kelvin," 115 Ridge St., N. Sydney.
1900		Richardson, R. J. D., B.E., Golden Ridge Gold Mine, Kalgoolie W.A.
1919		Roarty, G., Engineering School, University, Sydney.
1904		§Roberts, H. A., B.E., Horseshoe Bend, Bobin, via Wingham, N.S.W.
1895	3	*†Roberts, J. W., B.E., Baucroft Av., Roseville.
1918		Robinson, C. A., Castlereagh St., Singleton, N.S.W.
1909		Roper, W. H., B.Sc., B.E., Metropolitan Railway Construction Department Public Works, Sydney.
1909		Rorke, H. A., B.E., "La Vista," Walker St., North Sydney.
1917		Rourke, W., St. Andrew's College, University, Sydney.
1913		§Rowe, E. S., B.E., Morpeth.
1895		*Rowlands, H. B., Assoc. M. Inst. C.E., Shire Engineer, Narrandera.
1905		§Royce, J. McD., B.E., "Cloncurry," Queensland.
1918		Russell, J., The Avenue, Granville.
1918		Ryan, D., "Hiawatha," Bennett St., Bondi.
1895	2	*†Rygate, P. W., M.A., B.E., Assoc. M. Inst. C.E., 164 Pitt St., Sydney.
1919		Sams, E. V., "Lancaster," Cross St., Waverley.
1917		§Sands, C. C., "Glenorie," Musgrave St., Mosman.
1917		§Sandy, E. M., St. Paul's College, University, Sydney.
1917		Satterthwaite, F. T., Engineering School, University, Sydney.
1901	1	*Saunders, G. J., B.E., Central Technical College, Brisbane.
1895	1	*Sawyer, B., B.E., Clyde Engineering Works, Clyde, N.S.W.
		§Scarr, J. H. A.,
1915		Schmidt, H. R., 30 Pine St., Randwick.
1903		Schofield, Professor J. A., A.R.S.M., F.C.S., The University, Sydney.
		Schmelitschek, W. G., B.E., Junction North Mine, Broken Hill.
1919		Scotton, W., Engineering School, University, Sydney.
1905		*Searl, H. F., Harbours and Rivers Branch, Public Works Department, Sydney.
1905	1	§Sewell, L. G., B.E., "Ethandune," Woolwich Rd., Hunter's Hill.
1918		Shanahan, T., "Grantleigh," 11 Napier St., Petersham.
1903	1	Sharpe, L. H., B.E., Engineering School, University, Sydney.
1919		Shoebridge, A. W., Peat's Ferry Rd., Hornsby.
1919		Simpson, J. D., Cambridge St., Epping, Inspecting Engineer, Railway and Tramway Construction.
1901	2	Simpson, R. C., A.I.E.E., Technical College, Harris St., Ultimo.
1914		§Sims, A. R., 65 Arthur St., Surry Hills.
1911		§Sinclair, W. R., B.E., R.A.N., "Kilbride," Dickenson Av., Croydon.
1919		Small, J. A. M., B.E., 19 Reynolds St., Neutral Bay.
1919		Smith, F. M., Assoc. M. Inst. C.E., Water Conserv. and Irrigation Commission, 247 George St., Sydney.
1907		§Smith, H. Hardy, B.E., "Cora Lynn," Woolwich, Sydney.
1909		Smith, R. G., B.E., "Westgarth," Ivy St., Wollstonecraft.
1917		Smythe, H. E., B.E., "Woodford," Canrobert St., Mosman.
1917		Spence, J. F., "Tyne," Parramatta Rd., Ryde.
1914		§Stafford, A. F. G., B.E., Irrigation Commission, 247 George St., Sydney.
1911		§Stafford, F. D., B.E., R.A.N., Vermont, 53 Pine St., Randwick.
1912		§Stafford, W. C., B.E., Lower Ocean St., Double Bay.
1919		§Steel, H. E., "Helensburgh," Marion St., Killara.

MEMBERS.—Continued.

Year of Election.	No. of Papers Cont'd.	
1914	1	Stephens, C. T., B.E., State Monier Pipe Const., 85 Bond St., Sydney.
1906		§Stokes, S. W., "Bronte," Bellevue Rd., Double Bay.
1919		Stone, A. W., 289 Military Rd., Cremorne Junction, North Sydney.
1895	5	*†Strickland, T. P., B.E., M.Sc., Tramway Dept., Hunter St., Sydney.
1917		Stuckey, G. A., 20 Moodie St., Rozelle.
1917		Sullivan, J. E., "Guelo," Queen Victoria St., West Kogarah.
1895		*Sulman, J., F.R.I. B.A., Burraogong, Warrung St., McMahon's Point, Sydney.
1912		Sutherland, G. F., A.R.C.Sc., Engineering School, University, Sydney.
1904		†Swain, H. J., B.E., B.Sc., B.A., Technical School, Ultimo, Sydney.
1911		§Tandy, P. E., B.E., Irrigation Commission, Leeton, N.S.W.
1917		Thom, N. G., "Leightontyn," Beecroft Av., Roseville.
1917		Thomas, G. B. T., "Pacific," 316 Birrell St., Bondi, Sydney.
1917		Thompson, E. M., 64 Oxford St., Woollahra, Sydney.
1919		Thompson, H. L., B.E., c/o Messrs. Bullivant Ltd., 333 Kent St., Sydney, Box 1298, G.P.O.
1895	1	*†Thompson, W. M., M.A., B.E., Assoc. M. Inst. C.E., Tongarra, via Albion Park.
1918		Throsby, C. P. T., 153 Leichhardt St., Waverley, Sydney.
1912		Tiley, C. S., B.E., "Eversley," Rocklands Rd., Wollstonecraft.
1903	1	†Tivey, J. P., B.A., B.E., B.Sc., Aust. General Electric Company, Wentworth Av., Sydney.
1915		§Townsend, N., 16 Thompson St., Mosman.
1917		†Tregarthen, M. E., "Kylemore," Bellevue Hill, Sydney.
		Try, J. C., B.E., Survey Branch, Public Works Dept., Sydney.
1918		Turkington, A., 6 View St., Woollahra.
1899	2	Turner, B., A.R.S.M., 83 Pitt St., Sydney.
1919		Venables, F. D., 13 Hawkhurst St., Marrickville, Sydney.
1919		Vernon, J. D., "Kareela," Albert Rd., Homebush.
1896	5	*†Vicars, J., M.E., M. Inst. C.E., Challis House, Martin Pl., Sydney.
1918		Vickery, O. G., Inveresk, Coventry Rd., Homebush.
1912		Vogan, H. J., B.E., c/o H. S. Vogan, Divisional Engineer, N.S.W.R., Sydney.
1899		*Vonwiller, Professor O. U., B.Sc., Physics Laboratory, University, Sydney.
1913		§Voss, K. B., B.E., University Club, Castlereagh St., Sydney.
1901		§Waine, V. J., B.E., Rotherwood, Bradley St., Randwick.
1911		Wallace, C. D., B.E., "Balmoral," Marlowe St., Campsie.
1908		Wardrop, R. D., B.E., "Elevera," Mann's Av., Neutral Bay.
1895	4	*†Warren, Prof. W. H., LL.D., Wh.Sc., M. Inst. C.E., The University, Sydney.
1896	1	*†Waterhouse, G. A., B.Sc., Bull's Chambers, Moore St., Sydney.
1905		Waterhouse, L. V., B.E., Mgr., Mount Hope Copper Mining Co.
1918		Waterhouse, N., "Brent," 4 Undercliff St., Neutral Bay.
1917		Watt, C. J., B.E., c/o Irrigation Commission, Leeton, via Yanco.
1918		Watts, F., 14 Gillies Av., Haberfield.
1902		Webb, S. D., B.E., Railway Construction, Coonabarabran.
1896		*Weigall, A. R., B.E., c/o Seoul Mining Co., Holkol, Chosen (Korea).
1899		§Weigall, H. S., B.E., c/o H. Collbran, 49 St. James St., London, S.W. 1.
1895		White, N. F., B.E., Warrandaroo, Longreach, Queensland.
1910		Whitfield, G. A., B.E., Cordeaux Dam, Douglas Park.
1899		Whitfield, Prof. H. E., B.E., University, Perth, W.A.
1919		Wickham, F., "Denfenella," Burgoyne St., Gordon.
1913		Wileman, W. G., B.E., Broken Hill Pty. Co., c/o Adelaide Branch, S.A.
1909		§Wilkins, T., B.E., "Compton," Shirley Rd., Roseville.
1911		§Wilkinson, J. C., B.E., "Wilga," the Boulevard, Strathfield.
1917		Willan, T. L., 146 Chloride St., Broken Hill, N.S.W.
1915		§Williams, E. J., Engineering School, University.
1906		§Williams, O. B., B.E., Block 10, Broken Hill, N.S.W.
1919		§Willmott, E. V., "Warwick," Croydon Av., Croydon.
1919		Wilson, W. Claude, 28 Bond St., Sydney.
1909		Winters, R. J., Rutland Chambers, 224 King St., Newtown.
1917		Woodhouse, R. K. E., 28 Penkivil St., Bondi, Sydney.

MEMBERS.—Continued.

Year of Election.	No. of Papers Cont'd.	
1895	2	Woore, J. M. S., B.E., Assoc. Inst. C.E., Irrigation Commission, Leeton, via Yanco, N.S.W.
1919		Wray, A. G., Tramway Engineer's Office, 61 Hunter St., Sydney.
1912		§Wright, A. H., 41 Victoria St., Lewisham.
1912	1	§Wright, J. L., "Aldea Velha," Cove St., Watson's Bay.
1917		Yates, A., Engineering School, University, Sydney.
1917		Young, S. J., "Burrogong, The Crescent, Vaucluse.

HONORARY MEMBERS.

1906		Brain, O. W., M.I.E.E., Chief Electrical Engineer, N.S.W.
1897		Burge, C. O., M. Inst. C.E., c/o Inst. Civil Engineers, Great George St., Westminster, S.W. 1, London.
1899		§David, Prof. Sir Edgeworth, C.M.G., B.A., F.R.S., The University, Sydney.
1899		Davis, J., M. Inst. C.E., 64 Victoria St., Westminster, S.W. 1, London.
1897	2	Deane, H., M.A., M. Inst. C.E., "Campsie," 14 Mercer Rd., Malvern, Victoria.
1897		Gurney, Prof. T. T., M.A., Chesterton Hall, Cambridge, England.
1897		Houghton, T. H., M. Inst. C.E., M.I.M.E., Exchange Corner, Pitt St., Sydney.
1908		Johnson, T. R., M. Inst. C.E., 23 Abingdon St., S.W. 1, London.
1898	1	Liversidge, Prof. A., M.A., Hornton Cottage, Hornton St., London.
1899		§Pollock, Prof. J. A., D.Sc., The University, Sydney.
1906		Rooke, T. E., Assoc. M. Inst. C.E.
1897	2	Smail, J. M., M. Inst. C.E., M.B.W.S. & S., Sydney.