

held by a member in Wellington was accepted. Mr. G. R. Fenton was appointed for a period of two years with authority to act without prior reference to the President and power to co-opt representatives in other main centres.

Amendments to the Constitution.—Arising from a notice of motion, an amendment to the Constitution providing for nomination of officers and members of the Council of the Institute by not less than two Members or Associate Members, instead of by a Nominations Committee as previously, was adopted.

Charter.—It was the opinion of the meeting that the time was opportune to proceed towards obtaining legislation granting a charter to the New Zealand Institute of Foresters, and a motion instructing the Council to move accordingly was passed.

Papers Presented.—The Presidential Address appears on p. 361. During the evening session Mr. A. D. McKinnon delivered a paper on "Forestry in Scandinavia with particular reference to Sweden."

Seventh Pacific Science Congress.

At the invitation of the Organizing Committee, the New Zealand Institute of Foresters is sponsoring a Forestry Section as part of Division VI, Soil Resources, of the Congress, which will be meeting in Auckland and Christchurch during February, 1949. The Institute has been fortunate in obtaining the services of a distinguished Honorary Member, Dr. H. H. Chapman, Professor Emeritus of Yale University, as chairman of the forestry section.

Rotorua Section.

This section of the Institute had another successful and active year with good attendances at its meetings and excursions. At the Annual Meeting on the 22nd May, 1948, Mr. R. B. Moorhouse was elected Chairman and Mr. P. W. Maplesden, Secretary.

Again this year the local section was host to the Annual General Meeting of the Institute.

Addresses given during the year were :—

"Forest Policy in Great Britain," by Mr. J. Buchanan, Rotorua Training Centre.

"The Food and Agricultural Organisation," by Professor Huberman, Forestry Section, F.A.O.

"The Forests of Burma and Fiji," by Mr. Marshal, Conservator of Forests, Fiji.

"Forestry in Burma," by Mr. F. Allsop, Forest Experiment Station.

On the 25th September, a field day was spent inspecting the exotic forests of Matakana Afforestation Ltd., Matakana Island.

PUBLICATIONS RECEIVED.

Receipt of the following publications during 1948 is acknowledged by the New Zealand Institute of Foresters.

Institute members are reminded that forestry literature received by the Institute and listed in the Journal annually is available on application to Mr. A. C. Forbes, c/o State Forest Service, Private Bag, Whakarewarewa, Rotorua.

Annals of the Missouri Botanical Garden. Vol. XXXIV, No. 2, May, 1947.
Australia, Council for Scientific and Industrial Research, Division of Forest Products.

Bulletin No. 221 : Contributions to the Study of the Cell Wall.

4. The Nature of Intercellular Adhesion in Delignified Tissue.
5. The Occurrence, Structure and Properties of Certain Cell Wall Deformations.

- Bulletin No. 223 : Report of Marine Borer Survey in New Guinea Waters.
 Leaflet No. 42 : Kiln Drying Schedules, 1948.
 Reprint No. 96 : The Extension of the Card-sorting Method to War-time Problems of Timber Identification.
 Reprint No. 97 : Tests of Small Clear Specimens of North Queensland Kau ri (*Agathis palmerstoni* F. v. M.).
 Reprint No. 98 : The Variation of Tensile Strength and Modulus of Rupture of Hoop Pine Veneer with Distortion of the Grain.
 Reprint No. 99 : The Nature of Plastic Deformation in Wood at Elevated Temperatures.
 Reprint No. 100 : The Extraction of Lignin from *Eucalyptus regnans* by Means of Methanol.
 Reprint No. 101 : The Variation of Maximum Crushing Strength, Maximum Tensile Strength, and Modulus of Elasticity of Hoop Pine (*Araucaria cunninghamii* Ait.) Plywood with Moisture Content.
 Reprint No. 102 : A Simple Method of Testing Glue Lines in Tension.
 Reprint No. 103 : The Nature of Reaction Wood.
 Reprint No. 105 : The Sawmill Study and Forest Management.
 Supplementary Pamphlet No. 112 : Building-frames, Timbers and Sizes.
- Australia, Forests Commission of Victoria.
 Annual Report, 1946-47.
 Australian Forestry. Vol. XI, 1947 : Vol. XII, No. 1, 1948.
 Australian Pulp and Paper Industry Technical Association.
 Proceedings, 1947.
 Australian Timber Journal. Vol. 13, Nos. 11 and 12 ; Vol. 14, Nos. 1—10.
 British Forestry Commission.
 Annual Reports of the Forestry Commissioners, 1946 and 1947.
 Booklet No. 2 : The Dedication of Woodlands, 1948.
 Britain's Forests : Forest of Ae.
 Bulletin No. 15 (reprinted 1947) : Studies of Certain Scottish Moorlands in Relation to Tree Growth.
 Empire Forests and the War.
 Leaflet No. 2 (revised 1947) : *Adelges cooleyi*.
 Leaflet No. 16 (revised 1948) : Larch Canker.
 Leaflet No. 26 : The Spruce Bark Beetle.
 Leaflet No. 27 : Poplar Planting.
 National Forest Park Guides : Snowdonia.
 Report of the New Forest Committee, 1947.
- Empire Forestry Review. Vol. 26, No. 2, 1947 ; Vol. 27, No. 1, 1948.
 F.A.O. Yearbook of Forest Products Statistics, 1947.
 Forestry. Vol. XXI, No. 2, 1947.
 Forestry Abstracts. Vol. 9, No. 2, 1947.
 Forestry Chronicle. Vol. XXIII, No. 4, 1947 ; Vol. XXIV, Nos. 1—3, 1948.
 Great Britain, Department of Scientific and Industrial Research, Forest Products Research Laboratory.
 Bulletin No. 21 : Flooring Hardwoods.
 Leaflet No. 41 : Wood Waste as Fuel.
- Horticultural Education in New Zealand : Proceedings of the Horticultural Session, Sixth Science Congress of the Royal Society of New Zealand, 1947.
- Imperial Forestry Institute. Twenty-third Annual Report, 1946-47.
- Instituto Forestal de Investigaciones y Experiencias, Madrid.
 Año XVIII, Num. 34 : Ensayo de Investigacion Indirecta sobre Origen, Desarrollo y Producciones del Monte Alto.
 Año XVIII, Num. 35 : Un Caso de Aplicacion de la Estadistica Matematica a la Produccion Forestal.
 Año XVIII, Num. 36 : Dos Notas sobre Ictiologia Fluvial Espanala : Biologia de las Aguas Continentales.
 Año XVIII, Num. 37 : Fitoquimica Forestal, Primera Parte.

- Ano XIX, Num. 38 : El Pinus Pinaster en Pontevedra, 1948.
 Ano XIX, Num. 39 : Brezales y Brezos, 1948.
 L'Italia Forestale e Montana. Anno II, N. 6, Nov.—Dec. 1947.
 Journal of the South African Forestry Association. No. 15, Oct., 1947 ; No. 16, March, 1948.
 Korte Mededelingen van het Bosbouwproefstation.
 No. 20 : Weight and Volume of Fruits and Seeds.
 New York State College of Forestry.
 Technical Publication No. 67 : Relaxation of Wood under-Constant Strain.
 Opportunities for Graduate Work and Research.
 New Zealand Geographer. Vol. 4, Nos. 1 and 2, 1948.
 New Zealand Geographical Society Record. No. 5, Jan.—June, 1948.
 New Zealand Journal of Science and Technology.
 Sect. A. Vol. 29, Nos. 2—5.
 Sect. B. Vol. 29, Nos. 1—6.
 New Zealand National Review. Vol. 31, Nos. 1—12, 1948.
 Quarterly Journal of Forestry. Vol. XLII, Nos. 1—4, 1948.
 Riker, A. J. The Preparation of Manuscripts for *Phytopathology*. 1946.
 Scottish Forestry. Vol. I, Nos. 3 and 4, Jan., 1948 ; Vol. II, Nos. 1 and 2, July 1948.
 Small, James. Quantitative Evolution, IX—XIII : Details of the History of Diatoms.
 Stevens, W. C. and Turner, N. Solid and Laminated Wood Bending.
 Sweden. Reports of the Forest Research Institute of Sweden, Vol. 36, 1947.
 News Letter No. 61 of the Forest Research Institute of Sweden. 1947.
 Tectona. Deel XXXVIII, Afl. 1, 3 and 4, 1948 ; Deel XXXIX, Afl. 2, 1948.
 Transactions and Proceedings of the Royal Society of New Zealand.
 Vol. 76, Parts 2 and 3, 1947 ; Vol. 77, Part 1, 1948.
 Unasylya. Vol. 1, Nos. 2 and 3, 1947 ; Vol. 2, Nos. 1—4, 1948.
 Union of South Africa. Department of Forestry.
 Bulletin No. 31 : The Silviculture of Black Wattle (*Acacia mollissima* Willd.).
 By S. P. Sherry.

ROLL OF MEMBERS.

Honorary Members:

Year elected.

- 1929 Leonard Cockayne, Esq., C.M.G., Ph.D., F.R.S., F.R.S.N.Z.
 1929 Professor H. B. Kirk, M.A., F.R.S.N.Z.
 1931 Right Hon. Sir H. F. D. Bell, P.C., G.C.M.G., K.C.
 1932 Roderick Macrae, Esq., Hotel Rotorua, Rotorua.
 1933 Professor A. J. Cajander.
 1936 G. H. Cunningham, Esq., D.Sc., Ph.D., F.R.S.N.Z., Plant Research Bureau, D.S.I.R., Auckland.
 1936 A. C. Forbes, Esq., O.B.E., F.H.A.S., M.R.I.A., Longleat, Killiney Rd., Killiney, Co. Dublin, Eire.
 1936 C. E. Legat, Esq., C.B.E., B.Sc., Beechdene, Lower Bourne, Farnham, Surrey, England.
 1937 Professor R. S. Troup, C.I.E., C.M.G., D.Sc., F.R.S.
 1937 D. Tannock, Esq., A.H.R.H.S., 33 Montgomery St. Dunedin.
 1937 D. Miller, Esq., D.Sc., Ph.D., F.R.E.S., F.R.S.N.Z., Cawthron Institute, Nelson.
 1939 Professor H. H. Chapman, M.F., School of Forestry, Yale University, New Haven, Connecticut, U.S.A.
 1945 H. R. Blanford, Esq., O.B.E., Sherwood, Fitzroy Road, Fleet, Hants, England.
 1946 H. Roche, Esq., Beach Road, Tahunanui, Nelson.
 1947 Professor H. G. Champion, C.I.E., M.A. (Hons.), Imperial Forestry Institute, Oxford University, Oxford, England.