

- "Parasites and Saprophytes of *Nothofagus menziesii*," by Mr. G. B. Rawlings.
 "Use and Interpretation of Aerial Photographs in New Zealand Forestry,"
 by Mr. A. P. Thomson.
 "Preliminary Observations on the Ecology of Silver Beech (*Nothofagus menziesii*)," by Mr. J. T. Holloway.

Rotorua Section.

This section of the Institute had another successful year with a good attendance at its meetings and excursions. At the Annual Meeting held on the 17th May, 1947, Mr. P. A. Reveirs was elected Chairman and Mr. J. R. Overington re-elected Secretary.

This year the Section acted as host to the Annual General Meeting of the Institute at Rotorua. The meeting, the well-planned excursions and the dinner were an unqualified success and reflect credit on those responsible for their organization.

Addresses given during the year were:—

"Some Impressions of my Islands Tour," by Mr. J. F. Lysaght.

"Vulcanology," by Mr. J. Healy of the Department of Scientific and Industrial Research.

"Development of Water Power," by Mr. J. L. Harrison-Smith.

"The Utilization of *Pinus radiata*," by Mr. K. Goudie.

On the 20th September a field day was spent in an inspection of the exotic forests and milling operations of New Zealand Forest Products Ltd., and on the 1st November a social evening was organized for officers of the State Forest Service visiting Rotorua.

Wellington and Nelson Sections.

Neither of these sections have any activities to report during the year.

PUBLICATIONS RECEIVED.

Receipt of the following publications during 1947 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. P. Thomson, c/o State Forest Service, Private Bag, Whakarewarewa, Rotorua.

Australia, Council for Scientific and Industrial Research, Division of Forest Products.

Reprint No. 94: Molecular Weight Distribution Curves for Various Holo-cellulose Fractions.

Reprint No. 95: The Preparation of a Wood Sample for Chemical Analysis.

Reprint: Furfural: A Pilot Plant Investigation of its Production from Australian Raw Materials.

Reprint: The Manna of *Myoporum plactycarpum* R. Br. as a Possible Commercial Source of Mannitol.

Reprint: Lignocellulose Residues as Fillers for Phenolic Plastics.

Reprint: The Yield of Furfural from Pentosans.

Australia, Forests Commission of Victoria.

Annual Report, 1945-46.

Empire Forests and the War. (Empire Forestry Conference, 1947).

The Place of Forestry in Land Utilization in Australia—A. V. Galbraith (Empire Forestry Conference, 1947).

Australian Forestry. Vol. X, 1946.

Australian Timber Journal. Vol. 12, Nos. 11 and 12; Vol. 13, Nos. 1—10.

Boas, I. H. The Commercial Timbers of Australia: Their Properties and Uses. 1947.

British Forestry Commission.

Booklet No. 1: Woodland Mosses.

- Bulletin No. 13 : Studies in Tree Roots.
 Leaflet No. 2 (revised 1945) : *Adalgas cooleyi*.
 Leaflet No. 4 (revised 1946) : The Pine Bark Beetle, *Hylastes ater*.
 Leaflet No. 5 (revised 1946) : Conifer Heartrot.
 Leaflet No. 6 (revised 1946) : Honey Fungus.
 Leaflet No. 17 (revised 1946) : Chafer Beetles.
 Leaflet No. 18 (revised 1946) : Two Leaf-cast Diseases of Douglas Fir.
 Leaflet No. 19 (revised 1947) : Elm Diseases.
 Leaflet No. 23 (revised 1946) : Pit-props.
 Leaflet No. 24 (revised 1946) : Dedication of Woodlands.
 Forest Operation Series No. 2 : The Establishment of Hardwoods.
 Twenty-sixth Annual Report, 1945.
 Dedication of Woodlands.
 Forest of Dean. 1947.
 Fifth British Empire Forestry Conference, 1947 : Summary Report, Resolutions and Reports of Committees.
 Canadian Society of Forest Engineers, Maritime Section. Annual Report, 1946.
 Cartwright, K. St. G. and Findlay, W. P. K. Decay of Timber and its Prevention. 1946.
 Empire Forestry Association. The Forest, Forestry and Man. June, 1947.
 Empire Forestry Review. Vol. 25, No. 2, Dec. 1946 ; Vol. 26, No. 1, June, 1947.
 F. A. O. Report of the International Timber Conference, 1947.
 Forestry. Vol. XX, 1946 ; Vol. XXI, No. 1, 1947.
 Forestry Abstracts. Vol. 8, No. 3, 1947 ; Vol. 9, No. 1, 1947.
 Forestry Chronicle. Vol. XXII, No. 4, 1946 ; Vol. XXIII, Nos. 1, 2 and 3, 1947.
 Foster, F. W. Exotic Forests of New Zealand. (Empire Forestry Conference, 1947).
 Great Britain, Department of Scientific and Industrial Research.
 Forest Products Research Bulletin No. 20 : Requirements and Properties of Adhesives for Wood.
 Horticulture : Journal of the Royal N.Z. Institute of Horticulture. Vol. 16, No. 4 ; Vol. 17, No. 2, 1947.
 Imperial Forestry Bureau.
 Joint Publication No. 9 : The Use of Aerial Survey in Forestry and Agriculture. 1947.
 Joint Publication No. 10 : The Use and Misuse of Shrubs and Trees as Fodder. 1947.
 Technical Communication No. 5 : Management Control in Selection Forest.
 Imperial Forestry Institute. Twenty-second Annual Report, 1945-46.
 Irish Forestry. Vol. III, No. 2, 1946.
 Journal of the South African Forestry Association. Nos. 11 and 12, 1944 ; Nos. 13 and 14, 1946.
 Kamarov Botanical Institute, U.S.S.R. Scientific Work Carried Out, 1941-43.
 Malayan Forester. Vol. XI, No. 1, 1947.
 New York State College of Forestry.
 Technical Publication No. 66 : A Study of Adhesion in the Glue Lines of Twenty-two Woods of the United States, 1946.
 New Zealand Geographer. Vol. 3, Nos. 1 and 2, 1947.
 New Zealand Geographical Society Record. Nos. 2 and 3.
 New Zealand Journal of Science and Technology.
 Sect. A. Vol. 28, Nos. 1-6 ; Vol. 29, No. 1.
 Sect. B. Vol. 28, Nos. 1-6.
 New Zealand National Review. Vol. XXIX, No. 12, 1946 ; Vol. XXX, Nos. 1-12, 1947.
 New Zealand State Forest Service. New Zealand Forests and the War of 1939-45. (Empire Forestry Conference, 1947).
 Prescott, J. A. and Lane-Poole, C. E. The Climatology of the Introduction of Pines of the Mediterranean Environment to Australia, 1947.
 Quarterly Journal of Forestry. Vol. XLI, No. 2, July, 1947.
 Scottish Forestry. Vol. 1, Nos. 1 and 2, 1947.

- Scottish Forestry Journal. Vol. 60, Pts. 1 and 2, 1946.
 Scottish National Forest Park Guides: Argyll. 1947.
 Smith, C. M. Seed, Seed Supplies and Silviculture. (Empire Forestry Conference 1947).
 Tectona. Deel XXXVI, Af. 7/8, 1946; Deel XXXVII, Af. 1—7, 1947.
 Thomson, A. P. The National Forest Survey in New Zealand. (Empire Forestry Conference, 1947).
 Transactions and Proceedings of the Royal Society of New Zealand. Vol. 76, Pts. 1 and 4.
 Unasylva (Division of Forestry and Forest Products, F.A.O.). Vol. 1, No. 1, 1947.
 Union of South Africa, Department of Forestry.
 Bulletin No. 30: The Preparation and Preservative Treatment of Poles.
 Annual Report, 1945-46.
 Empire Forestry Conference Papers, 1947:
 Empire Forests and the War—South Africa.
 The Potentialities of Genetic Research in South African Forestry—S. P. Sherry.
 The Comparative Efficiency of Preservatives in Wood Exposed to Termites and Decay—P. M. D. Krogh.
 The Silviculture of Exotic Conifers in South Africa—I. J. Craib.
 The Conservation of Existing Forests and the Need to Plant Forest Trees for Effective Soil Conservation in the Union of South Africa.—W. E. Watt.
 Hydrological Research in South African Forestry.—C. L. Wicht.
 Some Factors Affecting Wood Density in Pine Stems.—J. M. Turnbull.
 The Quality of Mature *Pinus patula* and *P. insignis* Timber Grown in South Africa.—M. H. Scott and R. P. Stephens.
 Ward, W. C. and Syme, J. W. The Adaptation of Scandinavian Sawing Practices to the Conversion of Exotic Softwoods in New Zealand. (Empire Forestry Conference, 1947).

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., "Byways," Cameron Rd.-S.,
 Tauranga.
 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, Dublin.
 1936 C. E. Legat, Esq., C.B.E., B.Sc., c/o Empire Forestry Association,
 at Royal Empire Society, Northumberland Avenue, London,
 W.C.2.
 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., Yale University, School of Forestry,
 New Haven, Connecticut, U.S.A.
 1945 H. R. Blanford, Esq., O.B.E., c/o Empire Forestry Association, at
 Royal Empire Society, Northumberland Ave., London W.C.2.
 1946 H. Roche, Esq., 113 Queen's Road, Nelson.
 1947 Professor H. G. Champion, C.I.E., M.A. (Hons.), Imperial Forestry
 Institute, Oxford University, Oxford.