

excursion to the Swanson University Reserve. The weather was delightful and about twenty people attended. The party was received at the University Hut by Mr. Millener who gave a short address describing the characteristics of the reserves and indicating the effect of clearing on the plant succession in the vicinity of the Hut. He drew attention to the fact that young trees were already pushing their way through the scrub, and a forest in the making was around us. He mentioned the interesting opportunities this forest regeneration offered for observation and experiment, and alluded to work already carried out by keen University students. Members were provided with lists enumerating the more important flowering plants and ferns found in the Reserve.

After lunch we set forth under the guidance of Mr. Millener and explored the Reserve. Later a party visited an excellent stand of toa toa (Phyllocladus glaucus) growing in the vicinity. This striking tree was described by Mr. Cheeseman as "quite the most handsome of the New Zealand Taxads". It is, however, very local in its distribution. Members have previously encountered it at Birkdale, and it has been recorded from Anawhata, but not many stands are to be found on the Waitakeres. Its presence gave an added interest to a very pleasant excursion.

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OBITUARY.

It is with very deep regret that we record the death of one of New Zealand's most distinguished research Botanists, the Rev. J.E. Holloway, D.Sc., F.N.Z.R.S.

Dr. Holloway was ordained priest in Christchurch in 1908 and from then on he occupied various ministerial positions in different parts of the country, Wanganui, Hokitika, East Oxford, Kaimar and Waimea, & Leeston. He attended St. John's Theological College in Auckland and was two years at Barnsley in England.

Always a keen field botanist, he doubtless in these varied localities took the opportunity of studying the botanical as well as the human situation in his parishes.

In 1924 he was appointed head of the Department of Botany in the University of Otago, and from then on teaching and research were his main occupations, though he still carried out duties connected with his calling, taking part in the Cathedral services and on occasions preaching.

In 1910 began the publication of his work on the fern allies, beginning with the New Zealand club mosses (species of Lycopodium) He gave detailed accounts of the anatomy of the sporophyte (i.e. the ordinary club-moss plant) and also of the prothalli or sexual generation. He realised the immense importance of an understanding of the fern allies in connection with the evolution of the higher plants, and it is to him that we owe those most important studies on the prothallus, embryo and young sporophyte of Tmesipteris tannensis, - studies that made him known throughout the botanical world. In 1923-4, he published his fine work on the filmy fern family (Hymenophyllaceae) producing a study which is a veritable model of first class field work. He carried out valuable research in regard to the prothalli of the kidney fern (Cardoimanes reniforme) and the tufted filmy fern (Hymenophyllum pulcherrimum). In 1938 he turned his attention to the Celery Leaved Pines, and published important work on the ovule anatomy development and embryogeny of Phyllocladus alpinus and P. glaucus, and suggested that their affinities were with the Podocarps rather than with the Taxads. His final publication carried further his researches on filmy fern prothalli.

As a teacher he was an unqualified success, humorous and above all kindly, he was friend as well as instructor to his students. He was a man who never spared himself, and his knowledge and experience were at all times at the service of his research graduates, who were always known for the excellence of their training.

He died, leaving to Botanical Science lasting contributions and to his friends gracious memories.

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REVIEWS.

The Botanical Names of the Flora of New Zealand.

Their Origin, History and Meaning, with Hints on Pronunciation, by Professor Arnold Wall and Dr. H.H. Allan, Whitcombe and Tombs.

Price 4/6

Members will be extremely glad to know that this most useful little book is now to hand. The authors, as is their custom, have left no stone unturned to ensure accuracy, and have been indefatigable in tracking down all manner of obscure scraps of