and beeches and the more ancient Pteridosperms, and the simultaneous evolution and multiplication of the flowering plants that had probably arrived along the north-westerly land bridge.

By the method of comparing the present flora of New Zealand with that of other Pacific countries we arrive at somewhat similar results. For instance there are genera that are related to South American plants, such as Fuchsia, Uncinia, Libocedrus, Nothofagus and others; there are many groups with relations in New Guinea and the Malay Archipelago; and there are others that occur in Australia as well as New Zealand. Judging by the strength of these alliances we should say that New Zealand last extended towards the North-west, that at an earlier period it extended towards the southern end of South America; and that if there was ever a direct connection with Australia it was with the north-eastern part only. The present Australian flora including Eucalyptus, Acacia, the Proteaceae, Epacridaceae and others has little relation to the flora of New Zealand. The resemblance between the plants of New Zealand and Australia lies mainly in those genera which are found also in Malaya. Finally, New Zealand has given species as well as received them. Several distinctive New Zealand genera, such as Coprosma, Celmisia, and Hebe have outliers in the islands of the Pacific, temperate South America, and in Australia and Tasmania.

Slides used to illustrate the lecture showed some reconstructed scenes of Devonian and Carboniferous forests in the Northern Hemisphere and a series of New Zealand plants of Jurassic and Tertiary age. Specimens exhibited were collected in New Zealand and included impressions of leaves of a sycamore and what is possibly a Grevillea of early Tertiary age, and a slab of hardened volcanic tuff from the Coromandel Peninsula showing many casts of leaves of the appearance of a large leaved species of beech.

A NATIVE GARDEN IN THE MAKING : AUGUST.

Pimelea arenaria in sunny positions smothered in white blossom, a few stray heads of Cotula pyrethrifolia already appearing, and one long-stalked Ranunculus loulatus bright with yellow shining petals and some buds; Pomaderris elliptica, Clianthus puniceus and Brachyglottis repanda laden with buds, all calmly awaiting warmer weather. I should l... to know of any other native flowers this wet August.

Mrs. W.W. Samson.