

ART. XXXII. — *Note on the Cook Strait Habitat of Veronica macroua, Hook. f.*

By L. COCKAYNE, Ph.D.

[*Read before the Philosophical Institute of Canterbury, 14th November, 1906.*]

ACCORDING to T. Kirk (*Trans. N.Z. Inst.*, vol. xxviii, p. 531) and T. F. Cheeseman ("*Manual of the New Zealand Flora*," p. 501), *Veronica macroua* has not been observed on the shores of Cook Strait of late years, notwithstanding that this was one of the habitats where Colenso discovered a *Veronica* which, with the one common in the East Cape district, was made into the "systematic species" bearing the above name. This note is merely to point out the fact that a few plants of this species, however, do still occur on the shores of Cook Strait, growing on the face of solid rock facing the ocean between Island Bay and Happy Valley. I am quite well acquainted with *Veronica macroua* as it grows on the shores of the East Cape district, and the Cook Strait plant is, in my opinion, a form of the same species. Mr. H. J. Matthews, who with me visited the Island Bay habitat in January, 1906, agrees with my determination, but at the same time considers that the form in question should be distinguished by, at any rate, a varietal name. With this opinion I am quite in accord. I have deposited specimens in the herbarium of the Canterbury Museum, and placed a living plant in the botanical experimental garden of Canterbury College, where it is still keeping its semi-prostrate habit, thus showing clearly that this latter feature is not merely a non-hereditary adaptation to the wind-swept, dry, rocky station.

ART. XXXIII.—*Some Hitherto-unrecorded Plant-habitats (II).*

By L. COCKAYNE, Ph.D.

[*Read before the Philosophical Institute of Canterbury, 14th November, 1906.*]

THE following list contains not only the names of plants collected or observed by myself, but also by others who have kindly supplied me with specimens or information, notably Messrs. H. J. Matthews, Henry P. Young of Orepuki, R. M. Laing, M.A., B.Sc., F. G. Gibbs, M.A., of Nelson, J. Crosby-Smith of Invercargill, and F. W. Huffam of Motueka.

So far as the Longwood Range is concerned, all the plants observed above the forest-line by Crosby-Smith, H. P. Young,