

Island, Cook Strait

B. H. Macmillan

LITTLE Brother is the easternmost island of a group off Arapawa Island (22 miles N.W. of Wellington). It is exposed to the full force of spray-bearing winds. While serving as relieving lighthouse keeper on the island during 1963 and 1965, Mr. G. I. Collett collected specimens of the following plants, which he has deposited in the Botany Division herbarium at Lincoln.

FLOWERING PLANTS

- Agropyron scrubrum*
- **Anagallis arvensis*
- Apium australe*
- Atriplex buchananii*
- A. novae-zelandiae*
- **Carpobrotus edulis*
- **Cerastium glomeratum*
- **Cirsium vulgare*
- Coprosma repens*
- Disphyma australe*
- Gnaphalium luteo-album*
- Hebe elliptica*
- Hymenanthera obovata*
- Kirkianella novae-zelandiae*
(forma glauca)
- Lepidium oleraceum*
- Linum monogynum*
- Luzula banksiana*
- Microseris scapigera*
- Muehlenbeckia complexa*
- Myoporum laetum*
- **Plantago coronopus*
- **Poa annua*
- P. caespitosa*
- **Polycarpon tetraphyllum*
- Puccinellia novae-zelandiae*
- Rhagodia triandra*
- **Sagina procumbens*

Salicornia australis

- Senecio stergulimus*
- **Silene gallica*
- **Sonchus oleraceus*
- Spergularia marginata*
- Stellaria parviflora*
- Suaeda novae-zelandiae*
- Typha moschata*
- Wahlenbergia gracilis*

FERNS

- Asplenium flaccidum*
- A. lucidum*

LIVERWORT

- Lophocolea seminifera*

MOSSSES

- Bryum* sp. (possibly *B. dichotomum*)
- **Tortula muralis*

LICHENS

- Caloplaca etesia*
- Caloplaca* sp.
- Coccocarpia* sp.
- Giraffis* sp.
- Pertusaria graphica*
- Pertusaria* sp.
- Physcia caesia*
- Ramalina ecklonii*
- Teloschistes chrysophthalmus*

* adventive species

Mrs. E. A. Hodgson identified the liverwort, Mr. K. W. Allison the mosses, and Mr. T. W. Rawson the lichens. The vegetation of the island is described by Dr. M. E. Gillham in *Trans. Roy. Soc. N.Z.* 88, 405-424, 1960.

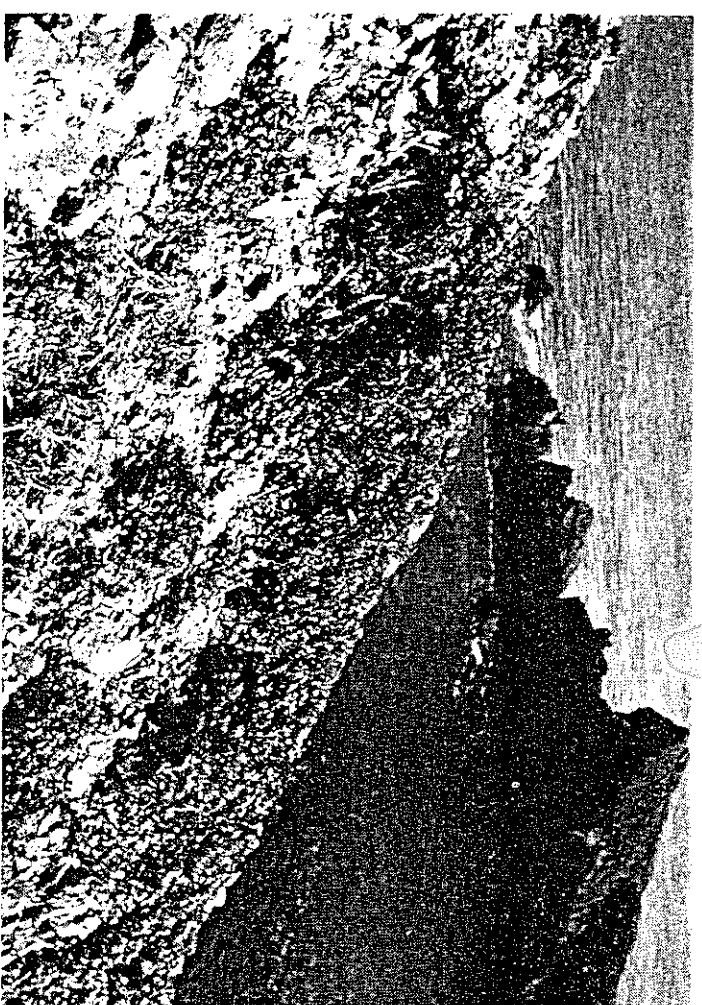


Photo: G. I. Collett

Two prominent plants on Little Brother Island: *Senecio stergulimus* (above) and *Kirkianella novae-zelandiae* forma glauca (below).



Photo: G. I. Collett