

L. Pounui: List from Northern margin 7.10.72.  
 Forest modified by (a) Clearing under fire  
 (b) Miding  
 (c) Flooding & shingle deposits.  
 (d) Stock.

Main associations:

1. Typha swamp with Carex Geeta (?) & Azolla
2. Herb turf at margins of stoney areas of lake - scattered Juncus pallidus, Leptocarpus
3. Swamp forest - Laurelia - White Pine
4. Manuka swamp scrub - dense undergrowth of Saxifraga
5. Open bogs: mixed sedges & rushes esp Carex (gen.?)  
Cyrene ~~sp.~~; also manuka & Lep. tenuicaulis.
6. Black beech forest esp. on ridges, with some red beech. Scattered Mitai, rimy
7. Cleared ridges in various stages of succession - dom. manuka, gradual replacement by Myrs. aust., Wein. race
8. Lowland forest - Podocarp - Hinau - mainly adj. to swamps on alluvial soils.
9. Shingle flats & "dry swamps" - large kanuka (>12" diam.), white pine, Nestle, Leptom. obo., understorey of Cep. areol., Lophom. obo.

Monocots

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|----------------------|----------------------------|--------------------------------|---------------------|
| <u>Pter. bank.</u>   | <u>Plom. ten.</u>          | <u>Microcl. av.</u>            | <u>Gymnosperms</u>  |
| <u>P. alob.</u>      | <u>Luz.</u>                | <u>Poa anc.</u>                | <u>Dac. cup.</u>    |
| <u>Acian. form.</u>  | <u>Juncus eff.</u>         | <u>Cortad.</u>                 | <u>Pod. dactyl.</u> |
| <u>Thely. long.</u>  | <u>J. sat.</u>             | <u>Carex (gen.?)</u>           | <u>P. spic.</u>     |
| <u>Ear. mic.</u>     | <u>J. pall.</u>            | <u>C. Virg.</u>                | <u>P. fert.</u>     |
| <u>E. aut.</u>       | <u>Leptoc. sim.</u>        | <u>C. (secta?)</u>             | <u>P. tot.</u>      |
| <u>Collosp. hast</u> | <u>Morel. aff.</u>         | <u>Bumee tenax</u>             |                     |
| <u>Ast.</u>          | <u>Gah. pauc.</u>          | <u>Carex cirriformis (APD)</u> |                     |
| <u>Rip. scan.</u>    | <u>G. seti.</u>            |                                |                     |
| <u>Diag. int.</u>    | <u>G. xanth.</u>           |                                |                     |
| <u>Corr. aust.</u>   | <u>Cyp. ust.</u>           |                                |                     |
| <u>Alf. grand.</u>   | <u>Unc. unc.</u>           |                                |                     |
| <u>Myrs. bank.</u>   | <u>U. banksii (A.P.D.)</u> |                                |                     |
| <u>Rhop. sap.</u>    | <u>Lepid. aust.</u>        |                                |                     |
|                      | <u>Scirp.</u>              |                                |                     |
|                      | <u>Typha orient.</u>       |                                |                     |

Dicots.

- |                                   |                                |
|-----------------------------------|--------------------------------|
| <u>Hebe str.</u>                  | <u>Nothof. sol.</u>            |
| <u>Brach. repaggy.</u>            | <u>N. <del>stipitata</del></u> |
| <u>Helich. glom.</u>              | <u>Mueh. aust.</u>             |
| <u>Ol. panic</u>                  | <u>Myop. laet.</u>             |
| <u>O. rani</u>                    | <u>Hed. arb.</u>               |
| <u>Crago. unif.</u>               | <u>Drac. fil.</u>              |
| <u>Lag. pun.</u>                  | <u>Gaul. ant.</u>              |
| <u>Metros. perf.</u>              | <u>C. jun.</u>                 |
| <u>M. rob.</u>                    | <u>C. fasc.</u>                |
| <u>M. fulg.</u>                   | <u>Pear. com.</u>              |
| <u>M. col.</u>                    | <u>Dros. aur.</u>              |
| <u>M. diff.</u>                   | <u>Halar. proc.</u>            |
| <u>Loph. obo.</u>                 | <u>H.</u>                      |
| <u>Psp. crass.</u>                | <u>Myrioph.</u>                |
| <u>P. arb.</u>                    | <u>Carp. sart.</u>             |
| <u>Gris. luc.</u>                 | <u>Wein. race.</u>             |
| <u>Scheff. dig.</u>               | <u>Myrs. aust.</u>             |
| <u>Cop. areol.</u>                | <u>Melicy. ram.</u>            |
| <u>C. tenuic.</u>                 | <u>Leptos. scop.</u>           |
| <u>C. rham.</u>                   | <u>Riann. hirt.</u>            |
| <u>C. luc.</u>                    | <u>Clem. pan.</u>              |
| <u>C. rob.</u>                    | <u>C. hook. <del>sp.</del></u> |
| <u>C. prop. x rod.</u>            | <u>C. foet. <del>sp.</del></u> |
| <u>C. aust.</u>                   | <u>Nestegis cunn.</u>          |
| <u>Nert.</u>                      | <u>Sen. lag.</u>               |
| <u>Rub. ciss.</u>                 | <u>Cass. lept.</u>             |
| <u>R. aust.</u>                   | <u>Knig. exc.</u>              |
| <u>R. schlaide</u>                | <u>Stell. parv.</u>            |
| <u>Gal. prop.</u>                 | <u>Elaeoc. dent.</u>           |
| <u>Hydroc.</u>                    | <u>E. hook.</u>                |
| <u>H.</u>                         | <u>Eng. mai.</u>               |
| <u>Macrop. exc.</u>               | <u>Laur. n-x.</u>              |
| <u>Coryn. laev.</u>               | <u>Urt. inc.</u>               |
| <u>Tetrap. tet.</u>               | <u>Acaena ans.</u>             |
| <u>Paris. apt. <del>sp.</del></u> | <u>Alect. exc.</u>             |
| <u>Flag. bet.</u>                 | <u>Paratr. mic.</u>            |

Ferac. (Pter.)

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|-------------------------------------|-------------------------------------|
| <u>Lycop. vol.</u>                  | <u>Phym. div.</u>                   |
| <u>Doty. aust. var.</u>             | <u>Polyst. rich. <del>sp.</del></u> |
| <u>Triss. flamm.</u>                | <u>P. vest.</u>                     |
| <u>Aspl. flamm.</u>                 | <u>Last. glab. / L. mior.</u>       |
| <u>A. falc.</u>                     | <u>Rum. adiant.</u>                 |
| <u>A. flab.</u>                     | <u>Pteris mac.</u>                  |
| <u>A. luc.</u>                      | <u>P. frem.</u>                     |
| <u>A. ball.</u>                     | <u>Pterid. ag.</u>                  |
| <u>Adiant. cunn.</u>                | <u>Histiop. inc.</u>                |
| <u>Blechn. vulc.</u>                | <u>Paes. scab.</u>                  |
| <u>B. cap. "swamp"</u>              | <u>Pell. rot.</u>                   |
| <u>D. pil.</u>                      | <u>Az. rub.</u>                     |
| <u>B. flav.</u>                     | <u>Gram. bim.</u>                   |
| <u>B. lance.</u>                    | <u>G. het.</u>                      |
| <u>B. disc.</u>                     | <u>Tod. hym.</u>                    |
| <u>Hym. dem.</u>                    | <u>Lind. lin.</u>                   |
| <u>N. mult.</u>                     | <u>L. trich.</u>                    |
| <u>Trich. renif.</u>                | <u>Cy. med.</u>                     |
| <u>Phym. div.</u>                   | <u>C. deal.</u>                     |
| <u>Polyst. rich. <del>sp.</del></u> | <u>Dick. sp.</u>                    |
| <u>P. vest.</u>                     | <u>Thely. penn.</u>                 |
| <u>Last. glab. / L. mior.</u>       | <u>Hypolep. ten.</u>                |
| <u>Rum. adiant.</u>                 | <u>* L. scar.</u>                   |
| <u>Pteris mac.</u>                  | <u>* L. bill.</u>                   |