

Mt Reeves, at about 2,950 feet, originally had silver beech on its north face and mixed silver and red beech on the southerly faces.

It is believed to have been burnt off about 1890 leaving a small flat top and several ridges and spurs.

In 1950 Ross McQueen studied the regeneration of Mt Reeves and in his thesis and Bulletin article he resolves the area into:

The North West Face - receiving the full intensity of the north west wind from the main divide.

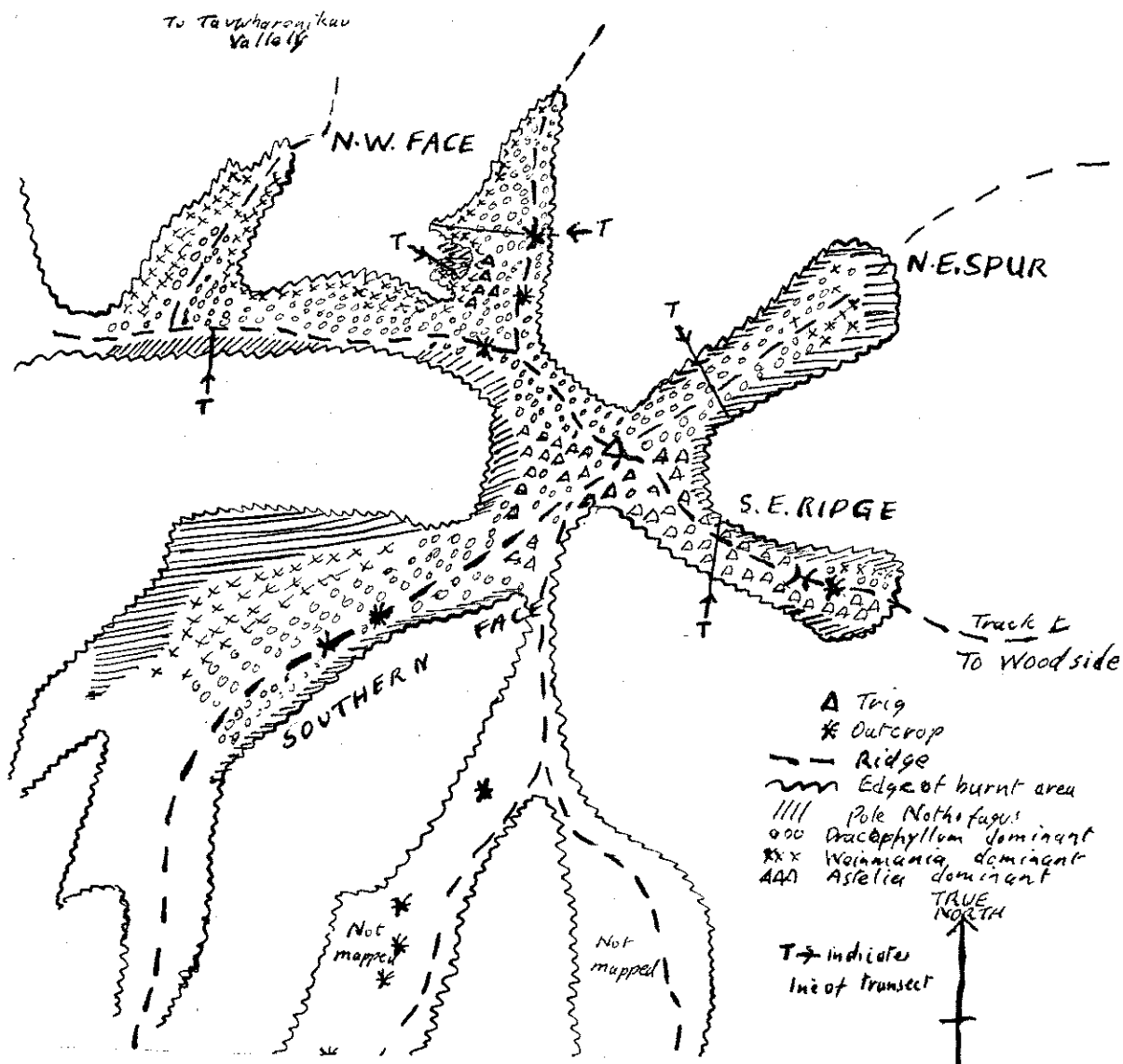
The North East Face - sheltered from the north west and the southerly winds

The South Face - exposed to the south winds from the Wairarapa.

Besides the degree of exposure to these winds regeneration has been influenced by the variations in slope and drainage.

The lists below reproduce the vegetation recorded by McQueen in 1950 and leaves space for your own observations.

MT. REEVES - Burnt Area - Regeneration 1950 - after McQueen



d = dominant
a = abundant
f = frequent
o = occasional
r = rare

prefix v = very
prefix l = local

Vegetation in October 1950

North West Face

Southerly Face

North East Face

| | North West Face | | Southerly Face | | North East Face | | |
|--|-----------------|-------------------|----------------------------|----------------|-----------------|-----------------|-------------------|
| | Exposed 1950 | Sheltered 1950 | Pole Nothofagus 1950 | 25-30° 1950 | 15-20° 1950 | Exposed 1950 | Sheltered 1950 |
| GYMNOSPERMS | | | | | | | |
| <i>Podocarpus hallii</i> | o | | | | | o | o |
| MONOCOT TREES + SHRUBS | | | | | | | |
| <i>Cordyline indivisa</i> | | o | | | | | |
| DICOT TREES | | | | | | | |
| <i>Carpodetus serratus</i> | o-f | | | | r | r | f |
| <i>Griselinia littoralis</i> | | o | | | | | |
| <i>Myrsine salicina</i> | | | | | | | o |
| <i>Nothofagus fusca</i> | | o-f | o | f | o | o | f |
| <i>N. menziesii</i> | o | o-f | d | d | lf | f | a |
| <i>Pseudopanax colensoi</i> | | | | | | r | |
| <i>P. simplex</i> var. <i>sinclairii</i> | r | o | o | o | f | | |
| <i>Weinmannia racemosa</i> | o-va | d | o | lf | r | o | va-d |
| DICOT SHRUBS | | | | | | | |
| <i>Cassinia leptophylla</i> | | | | | r | | |
| <i>Coprosma banksii</i> | | o | | | f | | o |
| <i>C. colensoi</i> | | f-a | o | o | f | f | a |
| <i>C. foetidissima</i> | f | f-a | o | f | f-a | f | f |
| <i>C. microcarpa</i> | | o | | | | | o |
| <i>C. parviflora</i> | a-ld | a | | o | f-a | a | f |
| <i>Cyathodes acerosa</i> | | r | | | | | |
| <i>C. fasciculata</i> | o | a | | f | f | o | a |
| <i>Dracophyllum filifolium</i> | a | a-f | | f-ld | f-ld | d | la-d |
| <i>Hebe stricta</i> | f | a-ld | o | f | lf | o | f |
| <i>Gaultheria antipoda</i> | f | va | o | f | f | f | a |
| <i>G. depressa</i> | f-la | o | | | r | | |
| <i>G. rupestris</i> | a | a-f | | f-a | a | a | f |
| <i>G. x (antipoda x rupestris)</i> | f | f | | f | f | f | f |
| <i>Leptospermum scoparium</i> | r | o | | r | | o | |
| <i>Myrsine divaricata</i> | r | | | o | o | o | o |

| | North West Face | | | Southerly Face | | North East Spur | |
|--------------------------------------|-----------------|-----------|--------------------|----------------|--------|-----------------|-----------|
| | Exposed | Sheltered | Pole Nothofagus | 25-30° | 15-20° | Exposed | Sheltered |
| <i>Oleaia arborescens</i> | f | f | | | f | o | o |
| <i>O. lacunosa</i> | o | | | | o | | |
| <i>Pseudowintera colorata</i> | | | r | | r | | |
| <i>Senecio elaeagnifolius</i> | r | | | | | | |
| DICOT LIANES | | | | | | | |
| <i>Clematis paniculata</i> | | | | | | | o |
| <i>Metrosideros robusta</i> | | r | | | | | r |
| <i>Rubus cissoides</i> | | o | | | | | |
| LYCOPODS | | | | | | | |
| <i>Lycopodium billardieri</i> | | r | | | | | r |
| <i>L. fastigiatum</i> | | | | lf-q | lq | | |
| <i>L. scariosum</i> | | | | q | lq | f-q | f-q |
| FERNS | | | | | | | |
| <i>Blechnum capense</i> | f-q | f-q | f | o | o | f | f-q |
| <i>B. discolor</i> | r | o-f | f | f | lf | o | o-lf |
| <i>B. fluviatile</i> | | | | | o | | |
| <i>B. penna-marina</i> | | | | | l-f | | |
| <i>Cyathea smithii</i> | | o | o | o | l-f | | |
| <i>Gleichenia cunninghamii</i> | | | o | o | | o | f |
| <i>Grammitis billardieri</i> | | | | | | | |
| <i>Hymenophyllum multifidum</i> | | o | | f | o | | o |
| <i>Polystichum vestitum</i> | o | | | | o | | |
| <i>Pteridium aquilinum var. esc.</i> | | o | | | | | o |
| <i>Todea superba</i> | | | | o | o | | |

| | North West Face | | | Southerly Face | | North East Spu | |
|---------------------------------|-----------------|-------------------|------------------------------|-----------------|-----------------|-----------------|-------------------|
| | Exposed 1950 | Sheltered 1950 | Po 12 Northofagus 1950 | 25°-30° 1950 | 15°-20° 1950 | Exposed 1950 | Sheltered 1950 |
| ORCHIDS | | | | | | | |
| <i>Thelymitra venosa</i> ✓ | σ | | | | | | |
| GRASSES | | | | | | | |
| <i>Agrostis</i> sp | σ | σ | g | | r | | |
| <i>Danthonia cheesmanii</i> | f | f | g | r | g | f-lg | f |
| <i>D. gracilis</i> | f | f | | | σ | f | f |
| <i>Holcus lanatus</i> | σ | | | | | | |
| SEDEES | | | | | | | |
| <i>Carex</i> sp | | | | | σ | σ | σ |
| <i>Carpha alpina</i> | | | | | lg | f-lg | r |
| <i>Gahnia pauciflora</i> | | σ | | | | r | f |
| <i>Scirpus ocklandicus</i> | | | | | lg | f | σ |
| <i>Uncinia uncinata</i> | | | | | σ | σ | σ |
| RUSHES | | | | | | | |
| <i>Juncus antarcticus</i> | | | | | lg | σ | |
| <i>J. gregiflorus</i> | σ | σ | | | f | σ | g |
| <i>Luzula banksiana</i> | | g | | | | | |
| <i>Luzuriaga parviflora</i> | σ | f | | | σ | f | f |
| OTHER MONOCOTS | | | | | | | |
| <i>Astelia nervosa</i> | a-la | a-la | vg | r | va-d | a-la | g |
| <i>Phormium colensoi</i> | a-va | a-vg | a | r | vg | f | a-vg |
| COMPOSITE HERBS | | | | | | | |
| <i>Cotmisia hieracifolia</i> | | | | | r | | |
| <i>Helichrysum bellidioides</i> | σ | | | | σ | | |
| <i>Hypochoeris radicata</i> | r | f | f | | f | σ | f |
| <i>Raoulia glabra</i> | σ | | | | | | |
| OTHER DICOT HERBS | | | | | | | |
| <i>Epilobium pedunculare</i> | | | | | | g | |
| <i>E. pennitens</i> | | | | | σ | σ | |

| | North West Face | | | Southerly Face | | North East Spur | |
|-------------------------------|-----------------|-----------|--------------------|----------------|--------|-----------------|--------|
| | Exposed | Sheltered | Site | 25-30° | 15-20° | Exposed | Sholte |
| | 1950 | 1950 | Mothofagus 1950 | 1950 | 1950 | 1950 | 1950 |
| <i>Euphrasia cuneata</i> | f | | | f | f | | |
| <i>Gentiana sp</i> | f | r | | | f | | |
| <i>Pratia angulata</i> | o | | | | o | | |
| MOSES | | | | | | | |
| <i>Compylopus clavatus</i> | o | o | | | o | o | o |
| <i>Polytrichum juniperina</i> | f | f | | | f | o | o |