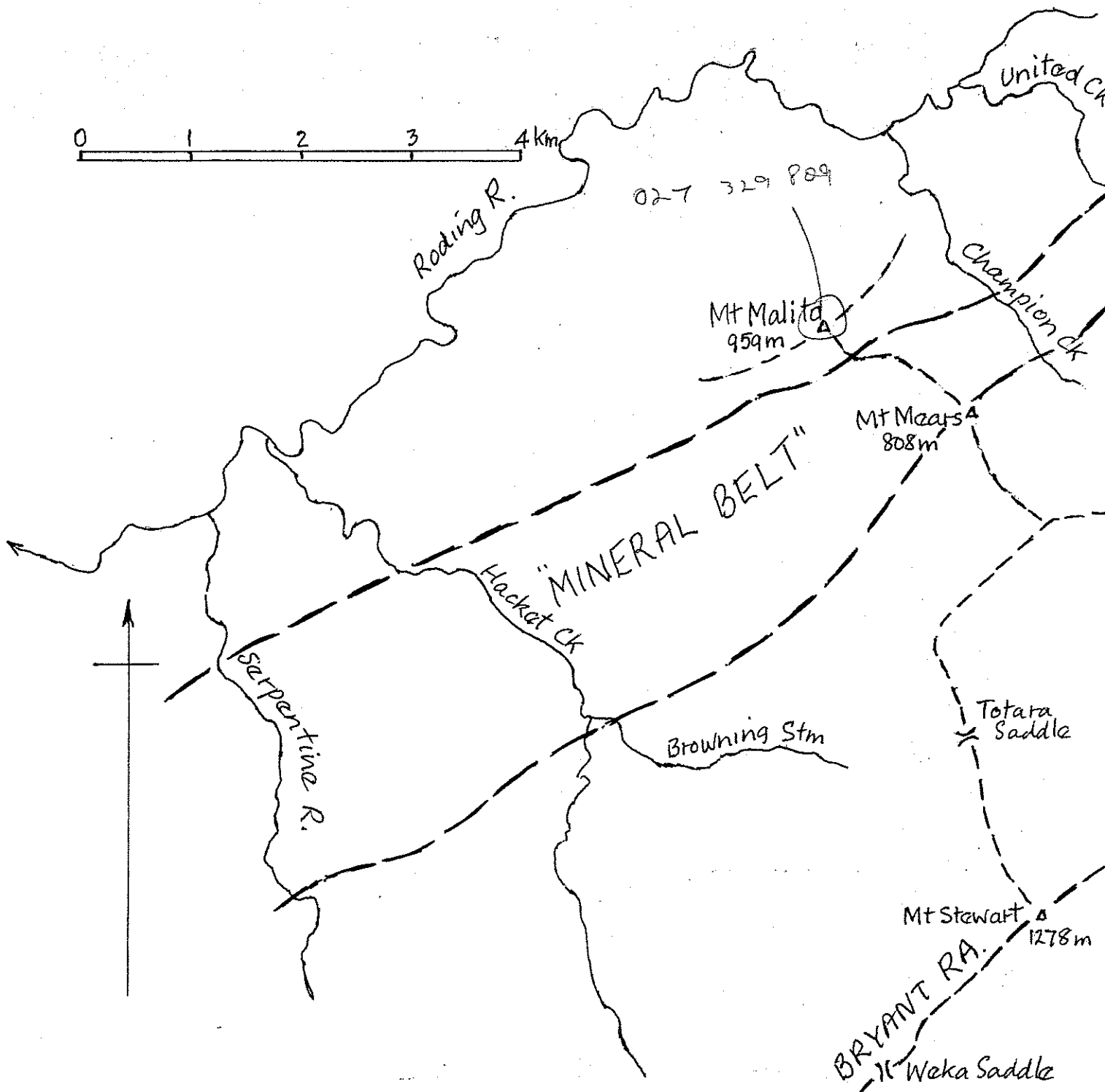


INDIGENOUS HIGHER PLANTS (PSILOPSIDS, LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF RODING R. AND HACKET CK "MINERAL BELT", BRYANT RA, NELSON
150-800 M

A.P. Druce, Wellington; S. Courtney, Nelson
Sept. 1992

(Based on visit April 1992)



R - Champion Ck trib. of Roding R.; H - Hackett Ck; (R)(H) - uncommon

GYMNOSPERM TREES AND SHRUBS

- Phyllocladus sp. (unnamed; aff. P. alpinus) ("lowland" ecotype of Wardle 1969) RH
- Podocarpus hallii R
- Eleocharpus hookerianus H
- Exocarpos bidwillii (R)
- Gaultheria antipoda RH
- Griselinia littoralis RH

MONOCOT TREES AND SHRUBS

- Cordyline banksii (R)
- Hebe rigidula var. rigidula H
- H. salicifolia var. salicifolia R
- H. vanustula (incl. H. brachysiphon) R
- H. sp. (Veronica squalida) H

DICOT TREES AND SHRUBS

- Aristotelia fruticosa var. RH
- Carmichaelia arborea var. (C. glabrata) R
- C. sp. (subgenus Carmichaelia) H
- Cassinia vauvilliersii RH
- Coprosma colensoi s.s. H
- C. grandifolia R
- C. lucida s.s. RH
- C. microcarpa RH
- C. propinqua ssp. propinqua RH
- C. robusta RH
- C. sp. (unnamed; included in C. parviflora by Oliver, 1935, and others) (lf undersurface not minutely hairy as is usual in C. parviflora; drupes vs. unpigmented, occ. purplish red) R
- C. propinqua x C. robusta RH
- Coriaria arborea (H)
- Corokia cotoneaster var. cotoneaster (R)H
- Cyathodes empetrifolia R
- C. sp. (C. juniperina agg.) (lvs small, vs. <1cm x <1mm) RH
- Dracophyllum longifolium var. (incl. D. filifolium, D. oliveri, and Durvilleanum) RH
- D. pronum R
- D. longifolium x D. pronum R
- Kunzea ericoides agg. RH
- Leptospermum scoparium RH
- Leucopogon fasciculatus var. (juv. lvs not much wider than adult lvs) RH
- L. fraseri s.s. RH
- Melicope simplex (R)
- Melicytus alpinus s.s. RH
- Metrosideros umbellata RH
- Myrsine australis RH
- M. divaricata s.s. RH
- Nothofagus solandri var. solandri RH
- Olearia arborescens (R)
- O. serpentina RH
- Pimelea suteri var. suteri RH
- Pittosporum anomalum R
- Pseudopanax anomalum R
- P. arboreus var. arboreus RH
- P. crassifolius RH
- Pseudowintera colorata R
- Weinmannia racemosa var. racemosa RH

DICOT LIANES AND RELATED PLANTS

- Clematis forsteri ("rutifolia" forms) RH
- Muehlenbeckia axillaris H

PSILOPSIDS

Tmesipteris tannensis (R)

LYCOPODS

Lycopodium australianum R
L. varium R
L. volubile RH

FERNS

Adiantum cunninghamii RH
Asplenium flabellifolium agg. (H)
A. flaccidum R
A. hookerianum (H)
A. terrestre ssp. *terrestre* R
Blechnum chambersii RH
B. discolor R
B. fluviatile agg. RH
B. minus H
B. procerum RH
Ctenopteris heterophylla R
Grammitis patagonica (R)
Hymenophyllum multifidum RH
Pneumatopteris pennigera H
Pteridium esculentum RH
Pyrosia eleagnifolia R

ORCHIDS

Earina mucronata R
Microtis oligantha R
Thelymitra sp. RH

GRASSES

Chionochoa defracta RH
Cortaderia richardii RH
Deyeuxia avenoides (incl. *D. a. var. brachyantha*) RH

Dichelachne chinita RH
D. inaequiglomis (H)
Elymus sp. (lvs channelled) RH
Festuca sp. (unnamed; aff. *F. tubra*) RH
Lachnagrostis sp. (unnamed) RH
Poa colensoi RH
Rytidosperma gracile RH
Trisetum sp. (unnamed aff. *T. antarcticum*) (lf sheath densely hairy, with both long and short hairs, especially in the lower two thirds) RH

SEDGES

Baumea rubiginosa H
B. tenax RH
Carex breviculmis RH
C. devia RH
C. secta s.s. H
C. travetsii RH
Carpha alpina s.s. R
Gahnia pauciflora RH
G. xanthocarpa (R)
Isolepis aucklandica RH
Lepidosperma australe RH
Oreobolus pectinatus R
Schoenus pauciflorus s.s. RH
Uncinia fuscovaginata var. (plants glaucous) RH

RUSHES

Luzula picta s.s. H
L. sp. (unnamed; aff. *L. tuba*) (lvs up to 2.5mm wide, channelled, strict; heads 6-9(12)mm diam.; tepals slightly > capsules) R

MONOCOT HERBS OTHER THAN
ORCHIDS, GRASSES, SEDGES, RUSHES

<i>Astelia graminea</i>	RH	<i>Gentiana</i> sp. (unnamed; RH aff. <i>G. tenuifolia</i>) (biennial; stems tall, etc.)
<i>A. sp.</i> (undetermined)	(R)	
<i>Dianella nigra</i>	RH	<i>Nototera depressa</i> (incl. <i>N. R</i> <i>cunninghamii</i>)
<i>Phormium cookianum</i>	RH	<i>Nototeraspi</i> sp. (unnamed) (R (N. australe auct., non <i>Thlaspi</i> <i>australe</i> Hook. f.)
		<i>Poranthera microphylla</i> (H)
		<i>Viola cunninghamii</i> RH
		<i>V. filicaule</i> R
		<i>Wahlenbergia albomarginata</i> RH
		var. <i>albomarginata</i> (incl. <i>W.</i> <i>pygmaea</i> var. <i>laxa</i> , <i>W. brockiei</i> , and <i>W. simpsonii</i>)

COMPOSITE HERBS

<i>Anaphalis keriensis</i> ss.	(R)	
<i>A. sp.</i> (<i>Helichrysum bellidi-</i> <i>oides</i> ss.)	R	
<i>Brachyglottis</i> sp. (unnamed)	R	
<i>Celmisia gracilentata</i> ssp.	R	
<i>Craspedia</i> sp. (unnamed)	H	

No. of species: 123.

<i>Gnaphalium audax</i>	RH
<i>G. polylepis</i>	R
<i>Lagenifera pumila</i>	R
<i>Pseudognaphalium</i> sp. (un- named; aff. <i>P. luteoalbum</i>) (lvs mostly linear spathulate to linear, acute)	(R)

References

Olivet, W.R.B. 1935: The genus *Coprosma*.
Bishop Mus. Bull. 132.

Raven, P.H.; Engelhorn, T. 1971: *N.Z. J. Bot.*
9: 345-350.

Wardle P. 1969: *N.Z. J. Bot.* 7: 76-95.

DICOT HERBS OTHER THAN COM-
POSITES

<i>Anisotome aromatica</i>	R
<i>A. filifolia</i>	R
<i>Colobanthus</i> sp. (unnamed; RH aff. <i>C. wallii</i>) (resembling <i>Sagina procumbens</i>)	
<i>Epilobium</i> sp. (unnamed; R included in <i>E. brunnescens</i> , as ssp. <i>minutiflorum</i> , by Raven and Engelhorn, 1971)	