

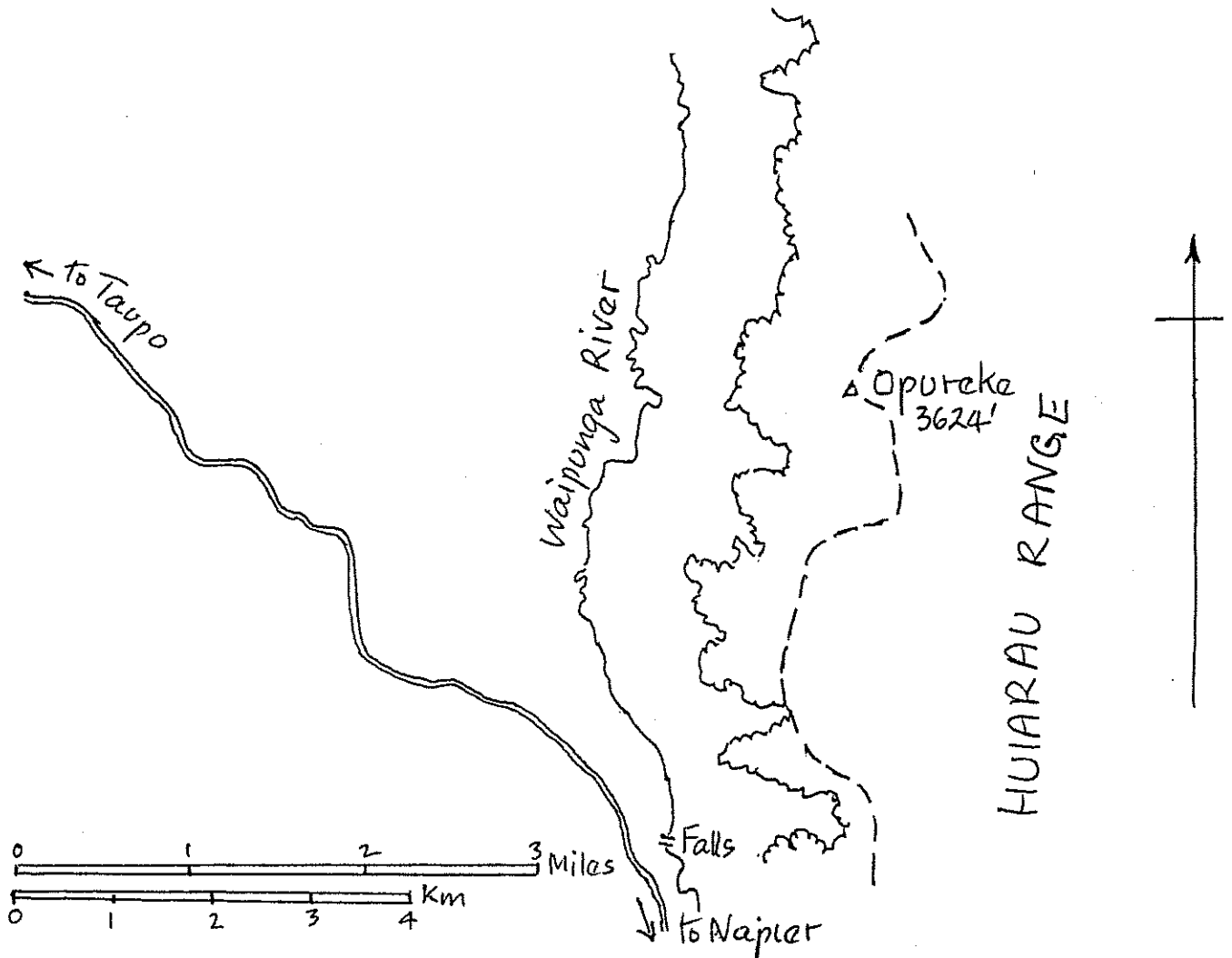
(21)

INDIGENOUS HIGHER PLANTS (LYCOPODS, FERNS, FLOWERING
PLANTS) OF MT OPUREKE†, HUIARAU RANGE,
800 - 1100 M / 2600 - 3624 FT

†Grid ref. N 104 990092, alt. 1100 m / 3624 ft

A.P. Druce, Wellington; B.D. Clarkson, Botany Division,
D.S.I.R., Rotorua; W.B. Shaw, F.R.I., Rotorua, April 1987
(revised Aug. 1990, July 1992)

(Based on visits May 1960 and Jan. 1987)



(unc) - uncommon

GYMNOSPERM TREES

Dactyloctenium aegyptium
Dactyloctenium aegyptium
Halocarpus biformis (unc)
Podocarpus hallii
Prumnopitys ferruginea
P. taxifolia

MONOCOT TREES

Cordyline australis
C. indivisa

DICOT TREES

Aristotelia serrata
Carpodetus serratus
Elaeocarpus hookerianus
Fuchsia excorticata (unc)
Griselinia littoralis
Melicope lanceolata (incl. *M.l.*
var. *latior*)
M. ramiflorus ssp. *ramiflorus*
Nestegis cunninghamii
N. lanceolata
N. montana
Nothofagus fusca
Pennantia corymbosa
Pittosporum eugenioides
Pseudopanax arboreus var.
arboreus
[*P. colensoi* ss. - only dead
plants seen]
P. crassifolius
P. edgerleyi (unc)
P. simplex (incl. *P.s.* var. *stclairii*)
Schefflera digitata

Quintinia serrata (incl. *Q. acuti-*
folia and *Q. elliptica*)
Weinmannia racemosa var.
racemosa (unc)

DICOT SHRUBS

Aristotelia fruticosa var.
microphylla
Carmichaelia sp. (subgenus
Carmichaelia)
Coprosma foetidissima
C. grandifolia
C. robusta
C. tenuifolia
C. sp. (unnamed; included in *C.*
parviflora by Oliver, 1935, and
others) (If undersurface not min-
utely hairy as is usual in *C.*
parviflora; drupes vs. unpigment-
ed, occ. purplish red)
C. robusta x *C. tenuifolia*
Coriaria kingiana
Cyathodes sp. (*C. juniperina* agg.)
Dracophyllum subulatum
Gaultheria antipoda
G. sp. (unnamed; included in *G.*
depressa, as var. *novae-zeland-*
icae, by Franklin 1962)
Hebe stricta var. *stricta*
H. sp. (*Veronica arborea*)
Leptospermum scoparium
Melicope simplex
Myrsine divaricata ss.
Neomyrtus pedunculata

Pinalia prostrata
Pseudopanax anomalus
Pseudowintera colorata

DICOT LIANES

Clematis foetida
C. paniculata
Metrosideros diffusa
Muehlenbeckia australis
Parsonia capsularis var.
Rubus cissoides var. (leaflets narrower than in var. *cissoides*)
R. schmidalioides var. *schmidalioides*

LYCOPODS

Lycopodium fastigiatum
L. variatum (incl. *L. billardierei* and *L. novae-zelandicum*)
L. volubile

FERNS

Asplenium bulbiferum
A. flaccidum
A. gracillimum
A. hookerianum
A. polyodon
Blechnum chambersii
B. colensoi
B. discolor
B. fluviatile agg.
B. penna-marina
B. procerum
B. sp. (unnamed) (common lowland sp.; lower pinnae reduced in length)

Ctenopteris heterophylla
Cyathea colensoi
C. smithii

Dicksonia fibrosa

D. lanata s.s.

D. squarrosa

Gleichenia dicarpa

Grammitis billardierei

G. magellanica ssp. *nothofageti*

Histiopteris incisa

Hymenophyllum demissum

H. flabellatum

H. multifidum -

H. pulcherrimum

H. ratum

H. sanguinolentum agg.

Hypolepis rufo-barbata

Leptopteris hymenophylloides

L. superba

L. hymenophylloides XL *superba*

Ophioglossum coriaceum agg. (unc)

Paesia scaberula

Phymatosorus pustulatus

Pneumatopteris pennigera

Polystichum vestitum

Pteridium esculentum

Pyrosia eleagnifolia

Sticherus cunninghamii

ORCHIDS

Corybas trilobus s.s.

Eatina mucronata s.s. (unc)

Ganoplesium nudum (unc)

Microtis unifolia

Pterostylis banksii

Thelymitra pauciflora

(unc)

GRASSES

- Cortaderia fulvida*
- Deyeuxia avenoides* (incl.
D.a. var. *brachyantha*)
- Hierochloa pedoleus*
- Lachnagrostis* sp. (unnamed
sp.; included in *L. filiformis*,
as var. *semiglabra*, by Zotov
1965)
- Microlaena avenacea*
- M. stipoides*
- Poa anceps* ssp. *anceps*
- P. breviglumis*
- P. cita* ssp.
- Rytidosperma clavata*
- R. gracile*

SEDGES

- Carex forsteri*
- C. geminata*
- C. secta* s.s.
- C. solandri*
- C. testacea* s.s.
- Isolepis pottsii*
- Lepidosperma australe*
- Uncinia clavata*
- U. ferruginea*
- U. gracilentata*
- U. rubra*
- U. rupestris* (incl. *U. angustifolia*)
- U. scabra*
- U. uncinata*
- U. sp.* (unnamed) (*U. affinis* sensu
Hamlin 1959, non *U. hipatia* var.
affinis Col. ex Clarke; see
Nootboom 1978)

RUSHES

- Luzula subclavata*

MONOCOT HERBS OTHER THAN

ORCHIDS, GRASSES, SEDGES, RUSHES

- Astelia fragrans*
- Collospermum microspermum*
- Luzuriaga parviflora*
- Phormium cookianum*

COMPOSITE HERBS

- Celmisia gracilentata* ssp.
- Craspedia minor* var. *minor*
(incl. *C. major*)
- Gnaphalium audax*
- G. vahanicum*
- G. sphaeticum*

- Lagenifera pumila*
- Pseudognaphalium* sp. (unnamed;
aff. *P. luteoalbum* (lvs mostly linear-
spathulate to linear, acute))
- Senecio minimus*

DICOT HERBS OTHER THAN COMPOSITES

- Acaena ansetinifolia*;
- A. microphylla* var. *microphylla*
- Australina pusilla*
- Cardamine* sp. (*C. debilis* agg.)
("Glossy leaf" of Pritchard
1957)
- Epilobium alsinoides* s.s.
- E. cinereum*
- E. komarovianum*
- E. linnaeoides*
- E. pedunculata* s.s.

E. rotundifolium
Gentiana grisebachii ss.
Geranium potentilloides
 var. *potentilloides*
Gonocarpus micranthus ssp.
micranthus
Hydrocotyle dissecta
H. elongata
H. heteromeria
H. microphylla
H. moschata
Nertera ciliata
N. depressa (incl. *N. cunninghamii*)
N. sp. (unnamed; aff. *N. dichondri-*
folia) (hairs present on both sur-
 faces of H, straight, not hooked as
 in *N. dichondrifolia*)

Oreomyza sp. (unnamed; aff.
Oxalis exilis *O. ramosa*)
Plantago raoulii
Pratia angulata agg.
Ranunculus reflexus
Stellaria decipiens (incl. *S. parvi-*
flora)
Urtica incisa
Viola filicaulis
Wahlenbergia colensoi
W. tupestis

No. of species: 175.

REFERENCES

- ~~Drury, D.G. 1972: The cluster and solitary headed sedgeweeds native to New Zealand. (*Gnaphalium* Section *Euchloran* - Compositae) N.Z. J. Bot. 10: 112-79.~~
 Franklin, D.A. 1962: The Ericaceae in New Zealand (*Gaultheria* and *Bernetzia*). Trans Roy. Soc. N.Z. Bot. 1: 155-73
 Hamlin, B.G. 1959: A revision of the genus *Uncinia* (Cyperaceae - Carcoideae) in New Zealand. Dom. Mus. Bull. 19. 106 pp.
 Nootboom, H.P. 1978: A taxonomic revision of the Malasian and Australian species of *Uncinia* (Cyperaceae). Blumea 24: 511-20.
 Oliver, W.R.B. 1935: The genus *Coprosma*. Bishop Mus. Bull. 132. 207 pp.
 Pritchard, G.G. 1957: Experimental taxonomic studies of *Cardamine* Linn. in New Zealand. Trans Roy. Soc. N.Z. 85: 75-89.
 Zotou, V.D. 1965: Grasses of the subantarctic islands of the New Zealand region. Rec. Dom. Mus. Wellington 5: 101-46.

CONFIDENTIAL
EXCLUDED FROM
AUTOMATIC
DOWNGRADING
AND
DECLASSIFICATION

[The remainder of the page contains extremely faint and illegible text, likely bleed-through from the reverse side of the document.]