

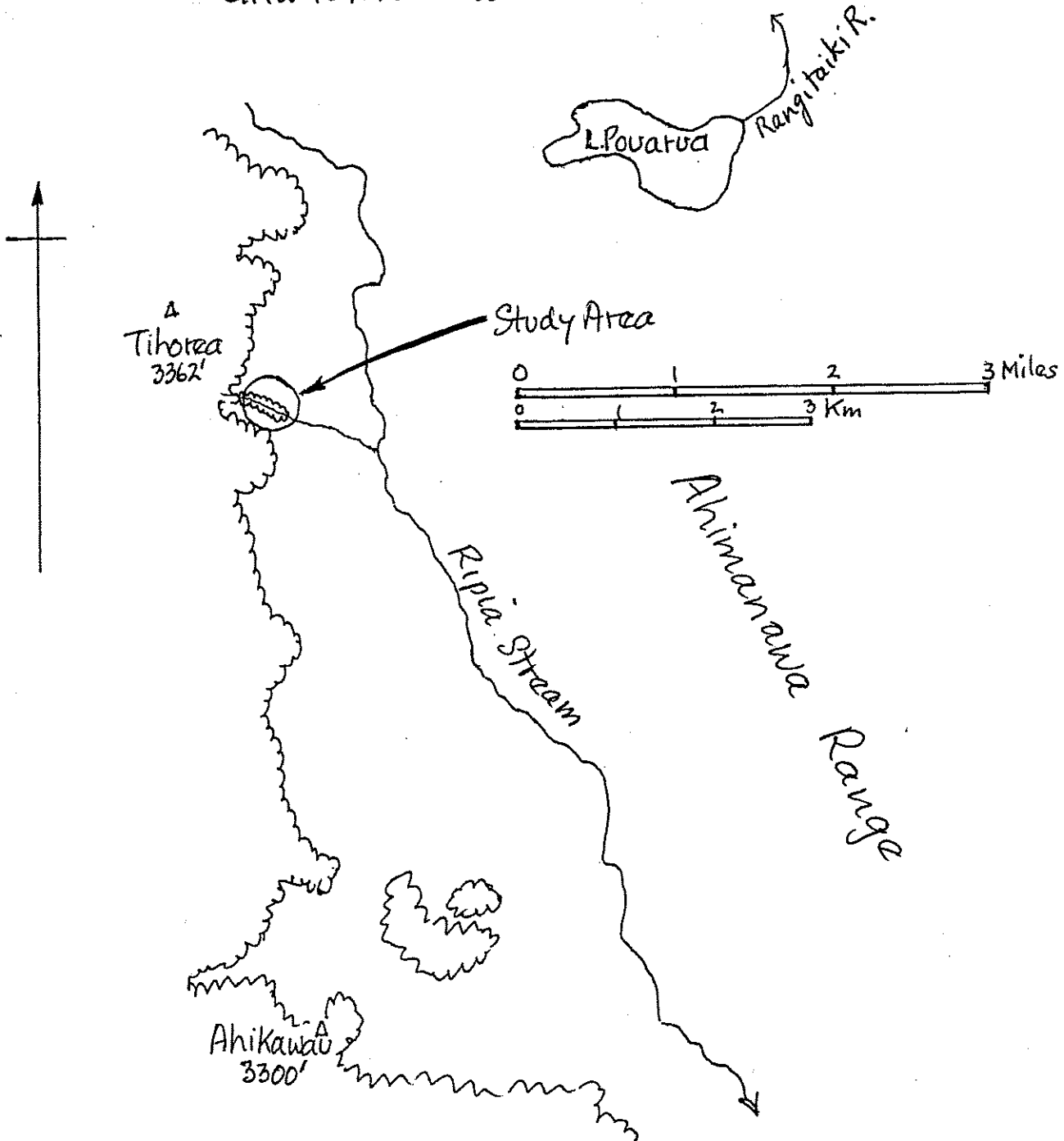
(24)

INDIGENOUS VASCULAR PLANTS (LYCOPODS, FERNS, GYMNO-
SPERMS, FLOWERING PLANTS) OF FOREST AND SCRUB*
CONTAINING PITTOSPORUM TURNERI, IN A BRANCH OF
THE RIPIA VALLEY, AHIMANAWA RANGE,

820-910 M / 2700-3000 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 May 1989, May 1990, July 1990, July 1991)
(Based on visit January 1987, and subsequent
observations by B.D. Clarkson)

* Grid ref. N103 80-00-



GYMNOSPERM TREES

Lagarostrobos colensoi
 Phyllocladus alpinus
 Prumnopitys taxifolia (juv.)

DICOT TREES

Aristolotelia serrata
 Elaeocarpus hookerianus (juv.)
 Fuchsia excorticata
 Griselinia littoralis
 Pittosporum tenuifolium ssp.
 colensoi
 P. turneri
 P. divaricatum x P. turneri (unc)
 Pseudopanax colensoi s.s.
 P. crassifolius
 P. simplex (incl. P. s. var. sinclairii)

DICOT SHRUBS

Aristolotelia fruticosa var. micro-
 phylla
 A.f. x A. serrata
 Carmichaelia arborea var. (incl.
 C. flagelliformis and C. hookeri)
 Coprosma propinqua ssp. propinqua
 (incl. C. p. var. latiuscula)
 C. rigida
 C. tenuifolia (juv.)
 C. sp. (unnamed; included in C.
 parviflora by Oliver, 1935, & others)
 If undersurface not minutely
 hairy as is usual in C. parviflora;
 drupes vs. unpigmented, occ. purp. red)
 Corokia cotoneaster var. cotton-
 aster
 Cyathodes sp. (C. juniperina agg.)
 (lvs vs. < 1 cm x < 1 mm)
 Gaultheria antipoda
 G. sp. (unnamed; included in G.
 depressa, as var. novae-zeland-
 iae, by Franklin 1962)

Hebe stricta var. stricta
 H. sp. (Veronica arborea)
 Myrsine divaricata s.s.
 Pittosporum divaricatum
 Pseudopanax anomalus/P.a. x P. simp
 Pseudowintera colorata

DICOT LIANES

Clematis quadribracteolata
 Rubus cissoides var. (leaflets
 narrower than in var. cissoides)

LYCOPODS

Lycopodium australianum
 L. scariosum

FERNS

Asplenium flaccidum
 Blechnum fluviatile agg.
 B. minus < B. pennamarinum
 B. procerum
 B. vulcanicum
 Grammitis billardierei
 G. magellanica ssp. nothofageti
 Histiopteris incisa
 Hymenophyllum multifidum
 H. tarum
 H. sanguinolentum agg.
 Hypolepis millefolium
 Polystichum vestitum
 Sticherus cunninghamii

ORCHIDS

Adenochilus gracilis
 Aporostylis bifolia
 Chiloglottis cornuta
 Corybas mactanthus
 C. rivularis s.s.
 C. trilobus s.s.

Pterostylis sp.(a) (*P. patens*?)
P. sp. (b) (unnamed; aff. *P. graminea*
and *P. montana*)

GRASSES

Agrostis personata
Cortaderia fulvida
Elymus hardyoides
Poa anceps ssp. *anceps*
P. pusilla

SEDGES

Carex dissita
C. secta s.s.
Isolepis habra
I. poltsii
Uncinia rupestris (incl. *U. angustifolia*)
U. silvestris (incl. *U. affinis*)
U. uncinata

RUSHES

Juncus gragiflorus
Luzula subclavata

MONOCOT HERBS OTHER THAN ORCHIDS, GRASSES, SEDGES, RUSHES

Arthropodium candidum

COMPOSITE HERBS

Lagenifera pumila
L. strangulata
Senecio waitavensis

DICOT HERBS OTHER THAN COMPOSITES

Acaena anserinifolia
Cardamine sp. (*C. debilis* agg.)

Epilobium linnaeoides

E. pedunculare s.s.

Gentiana grisebachii s.s.

Geranium microphyllum

Gonocarpus aggregatus

Hydrocotyle heteromeria

H. moschata

H. novae-zeelandiae s.s.

Montia fontana s.s.

Myosotis sp. (cf. *M. forsteri*)

Oxalis exilis

Pratia angulata agg.

Ranunculus reflexus

Schizilema trifoliolatum

Stellaria decipiens (incl. *S. parviflora*)

Urtica incisa

No. of species: 91.

REFERENCES

Franklin, D.A. 1962: The Ericaceae
in N.Z. (*Gaultheria* & *Pernettya*). Trans.
R. Soc. N.Z. Bot. 1: 155-73.

Olivier, W.R.B. 1935: The genus *Coprosma*.
Bishop. Mus. Bull. 132: 207 pp

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 439

PHYSICS 439