

INDIGENOUS VASCULAR PLANTS OF NON-FORESTED AREAS
OF "MINERAL BELT" AND WEST FACE OF ATTEMPT HILL,†
D'URVILLE ISLAND

†Ghid ref. S10183792; alt. 2382 ft (700 m)

A.P. Druce, Botany Division, D.S.I.R., May 1981
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(Based on visit April 1981)

June 1983

June 1986

Nov. 1988

Nov. 1990

July 1991

Apr. 1992

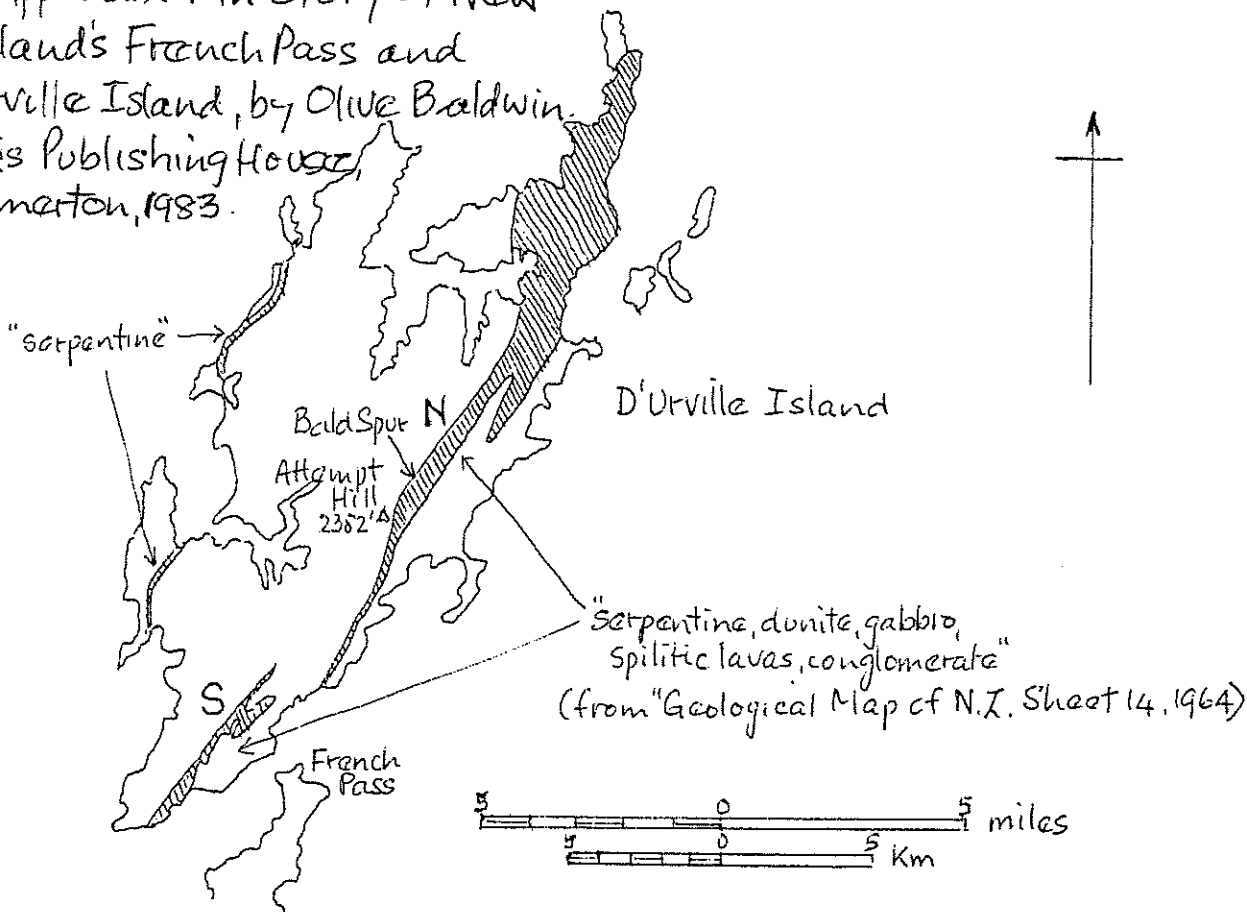
N - northern part of "Mineral Belt"
S - southern part of "Mineral Belt"

(plants in both areas unless otherwise indicated)

(unc) - uncommon or local

For full list of d'Urville I. plants
see Appendix I in *Story of New
Zealand's French Pass and
d'Urville Island*, by Olive Baldwin,
Fields Publishing House,
Plimmerton, 1983.

Stephens Island



GYMNOSPERM TREES AND SHRUBS

DICOT SHRUBS

Dactyidium cupressinum (juv)(unc)
Lepidothamnus laxifolius (N-Bald Spur)(unc)
L.intermedius X L.laxifolius (N-Bald Spur)(unc)
Podocarpus hallii (unc)

Aristotelia fruticosa var.
Cassinia leptophylla var.leptophylla (unc)
C.vauvilliersii
C.leptophylla X C.vauvilliersii

MONOCOT TREES AND SHRUBS

Cordyline banksii

DICOT TREES

Dodonaea viscosa var. (juv)
Elaeocarpus hookerianus (juv)(unc)
Grisebinia littoralis
G.lucida (juv)(unc)
Knightia excelsa
Metrosideros umbellata
Myrsine australis (juv)(unc)
Nothofagus fusca (Oliver 1944)(s)(unc)
N.menziesii(unc)
N.solandri var. solandri (unc)
N.truncata
Oleaia rani var. colorata (juv.)
Pittosporum tenuifolium ssp. tenuifolium (juv)(unc)
Pseudopanax arboreus var. arboreus
P.colensoi s.s.(N-Attempt Hill)(unc)
P.crassifolius
Wairimannia racemosa var. racemosa

Coprosma ciliata ssp.ciliata (unc)
C.colensoi s.s.(unc)
C.foetidissima (unc)
C.grandifolia (unc)
C.lucida s.s.
C.microcarpa (unc)
C.propinqua ssp. propinqua
C.rhamnoides (incl.C.polymorpha)
C.robusta (unc)
C.sp.(unnamed; included in C. parviflora by Oliver, 1935, and others)(If undersurface not minutely hairy as is usual in C. parviflora; drupes vs. unpigmented, occ. purplish red)
C.propinqua X C.robusta
Coriaria arborea (unc)
Corokia cotoneaster var.

Cyathodes sp. (*C. juniperina* agg.) (lvs small, us. < 1 cm \times < 1 mm)

Dracophyllum longifolium var. (incl. *D. filifolium* and *D. oliveri*)

Gaultheria antipoda

Hebe rigidula var. (lvs keeled, slightly plicate, up to 9 mm wide) (N-Bald Spur & W face of Attempt Hill)

H. stricta (var. *atkinsonii* \cong var. *macroura*)

H. urvilleana

H. venustula (incl. *H. brachysiphon*) (N-Bald Spur) (unc)

Melicetyus alpinus (s.s.)

M. crassifolius var. *crassifolius* (W face of Attempt Hill) (unc)

M. obovatus var. (hermaphrodite shrubs us. < 1 m tall; lf margins entire or with 1-2 conspicuous blunt teeth) (W face of Attempt Hill)

Kortalsella salicornioides

Kunzea ericoides agg.

Leptospermum scoparium

Leucopogon fasciculatus var.

L. fraseri s.s.

Melicope simplex (N) (unc)

Myrsine divaricata s.s.

Neomyrtus pedunculata (Oliver 1944, as *Myrtus pedunculata*) (S)

Olearia arborescens

O. serpentina

Pimelea gnidioides (S)

P. longifolia var. *longifolia*

P. prostrata (N) (unc)

P. sp. (unnamed; aff. *P. sericeovillosa*)

P. urvilleana (unc)

P. longifolia \times *P. sp.* (*P. prostrata* or *P. urvilleana*) (N) (unc)

Pittosporum divaricatum (unc)

P. rigidum var. (*P. crassicaule*) (N-Bald Spur) (unc)

DICOT LIANES

Clematis forsteri ("*C. australis* var. *rutifolia*" forms) (unc)

C. paniculata (juv) (unc)

Metrosideros fulgens (unc)

M. perforata

Muehlenbeckia complexa (unc)

LYCOPODS AND PSILOPSIDS

Lycopodium australianum (N-Bald Spur) (unc)

L. laterale (incl. *L. ramulosum*?) (unc)

L. scariosum

L. varium (incl. *L. billardierei* and *L. novae-zelandicum*)

L. volubile

Tmesipteris tannensis (unc)

FERNS

Asplenium flaccidum

A. hookerianum (unc)

A. oblongifolium (unc)

A. polyodon (unc)

A. terrestre (cf. ssp. maritimum)

A. flaccidum x A. terrestre(?) (unc)

Blechnum procerum

B. sp. (unnamed) (common)

lowland sp.; lower pinnae reduced in length)

B. procerum x B. sp. (unnamed)

B. p. x B. minus(?) (unc)

Ctenopteris heterophylla

Gleichenia dicarpa

G. microphylla

Grammitis billardierei (unc)

Histiopteris incisa (unc)

Hymenophyllum cupressiforme (S) (unc)

H. demissum (unc)

H. dilatatum (unc)

H. flabellatum (unc)

H. minimum (N-Bald Spur) (unc)

H. multifidum

H. tarum

H. sanguinolentum agg.

Lindsaea linearis

Ophioglossum coriaceum^{agg.} (N) (unc)

Paesia scaberula (unc)

Phymatosorus pustulatus (unc)

Pteridium esculentum

Pyrrosia eleagnifolia

Schizaea sp. (cf. S. australis and

S. fistulosa) (unc)

Trichomanes reniforme

ORCHIDS

Acianthus fornicatus

Bulbophyllum pygmaeum

Caladenia carnea agg. (unc)

Chiloglottis cornuta (Oliver 1944)

(N-Bald Spur)

Corybas oblongus

C. sp. (cf. C. macranthus) (unc)

Cytostylis reniformis ss. (S) (unc)

Dendrobium cunninghamii

Drymoanthus adversus (unc)

Eatinia autumnalis

E. mucronata s.s.

Microtis unifolia

Orthoceras novae-zeelandiae (unc)

Prasophyllum colensoi (Oliver 1944)

(N-Bald Spur)

Genoplesium nudum (unc)

Pterostylis alobula (unc)

P. plumosa (Oliver 1944, as P. barbata) (S)

Thelymitra longifolia

T.sp. or spp.

GRASSES

Chionochloa tubra (N-Bald Spur) (unc)

Cortaderia richardii (unc)

Deyeuxia Aucklandica (Oliver 1944, as

D. setifolia) (N-Bald Spur)

Davenoides (incl. *D. a. var. brachyantha*)

Dichelachne etinita

Elymus multiflorus (N) (unc)

Hierochloa tedolens (N) (unc)

Lachnagrostis richardii

Mitrolaena avenacea (unc)

M. stipoides (N) (unc)

Poa cita ssp. (unc)

P. colensoi

Rytidosperma gracile

R. petrosum (N-Bald Spur) (unc)

R. setifolium

Thisetum antarcticum ss. (incl. *T. saxaticolon*) (N) (unc)

Gahnia pauciflora

G. setifolia

G. xanthocarpa

Lepidosperma australe

L. laterale (S) (unc)

Oreobolus pectinatus (N-Bald Spur)

Schoenus apogon

S. maschalinius

S. nitens ss. (N)

S. pauciflorus ss. ('slender form of

Edgar 1970, p. 194)

Isolepis habra (S, N-Bald Spur) (unc)

I. inundata (S) (unc)

Uncinia banksii (unc)

U. fuscovaginata var. (glaucous)

(N-Bald Spur) (unc)

U. uncinata (unc)

U. sp. (undetermined) (N) (unc)

RUSHES

Juncus planifolius

Luzula picta ss. (unc)

MONOCOT HERBS (OTHER THAN ORCHIDS)

GRASSES, SEDGES, RUSHES

Astelia solandri

A. sp. (unnamed; aff. *A. nervosa*)

(lvs not conspicuously white axially as in *A. nervosa*)

Dianella nigra

Libertia grandiflora

Phormium cookianum

SEDGES

Baumea rubiginosa (unc)

B. tenax

Carex breviculmis

C. devia

COMPOSITE HERBS

Brachyglottis sp.

Celmisia gracilentata ssp.

Craspedia sp. (unnamed) (summer-green;
lvs green to whitish green, with white
margins; both surfaces ± thinly
covered in cottony hairs; margins
± densely covered; fls white)

Gnaphalium avidax

G. delicatum (N-Bald Spur) (unc)

Helichtysum filicaule

Lagenifera pumila (unc)

Raoulia glabra (unc)

Gingidia montana (N-Bald Spur) (unc)

Gonocarpus sp. (cf. *G. incanus* & *G.*
montanus)

G. micranthus ssp. *micranthus* (N)

Haloragis erecta ssp. *erecta*

Liium monogynum

Lobelia anceps (unc)

Nertera depressa (incl. *N. cunning-*
hamii)

N. setulosa (N) (unc)

Potanthera microphylla (unc)

Schizilema roughii (W face of
Attempt Hill) (unc)

Scleranthus biflorus

Viola cunninghamii (unc)

V. filicaulis (N-Bald Spur) (unc)

Wahlenbergia albomarginata var.
(s) (unc)

W. gracilis ss. (unc)

No. of species: c. 200.

DICOT HERBS (OTHER THAN COMPOSITES)

Anisotome aromatica

Centella uniflora (unc)

Colobanthus sp. (unnamed) (super-
ficially like *Sagina procumbens*)

Drosera peltata ssp. *auriculata*
(Oliver 1944, as *D. auriculata*)

D. binata (N) (unc)

D. spathulata (N)

Euphrasia cuneata

Galium propinquum (unc)

Gentiana sp. (aff. *G. tenuifolia*)

Geranium potentilloides var. *potent-*
illoides (unc)

DOUBTFUL AND ERRONEOUS RECORDS

<u>Record</u>	<u>Identity of plant on which record based</u>
<i>Celmisia graminifolia</i> (Oliver 1944)	<i>Celmisia gracilentia</i>
<i>Coprosma parviflora</i> (Oliver 1944)	<i>Coprosma</i> sp. (unnamed)
<i>Craspedia uniflora</i> (Oliver 1944)	<i>Craspedia</i> sp. (unnamed)
<i>Halocarpus bidwillii</i> (Oliver 1944, as <i>Dactydwim bidwillii</i>)	<i>Lepidothamnus intermedius</i> X <i>L. laxifolius</i> (specimen in WELT)
<i>Gentiana bellidifolia</i> (Oliver 1944)	<i>Gentiana</i> sp. (aff. <i>G. tenuifolia</i>)
<i>Libertia peregrinans</i> (Oliver 1944)	} <i>Libertia grandiflora</i> (?)
<i>L. pulchella</i> (Oliver 1944)	
<i>Luzula migrata</i> (Oliver 1944)	<i>Luzula picta</i> s.s.
<i>Olearia virgata</i> (Oliver 1944)	<i>Olearia serpentina</i>
<i>Pimelea lyallii</i> (Oliver 1944)	<i>Pimelea</i> sp. (aff. <i>P. sericeovillosa</i>)
<i>Isolepis reticularis</i> (Oliver 1944, as <i>I. inundata</i> var. <i>gracillima</i>)	<i>Isolepis habra</i> (?)

REFERENCES

Edgar, E. 1970: Cyperaceae. Pp. 167-285 in "Flora of New Zealand".
 Government Printer, Wellington. Vol. 2. 354 pp.

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

————— 1944: The vegetation and flora of D'Urville and Stephen Islands. Rec. Dom. Mus. 1: 193-227.

